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Fifty-sixth Year—Vol. 56—No. 1 SAN FRANCISCO, WEDNESDAY, JANUARY 2, 1946 PRICE 15 CENTS PER COPY

PLANS and Speculations

Take it as it comes . . $6500 has been appropriated for refrigerating facilities at the OAKLAND Municipal Auditorium; $13,750 was set aside for the purchase of property needed to widen and realign Park Boulevard, and $7,600 for a like purpose on San Leandro St.

oOo

Sale of the famed Buri-Buri Rancho, covering more than 130 acres in the COLMA-SOUTH SAN FRANCISCO area along El Camino Real for about $175,000 has been confirmed. Purchasers are Buri-Buri Homes Inc. Co., which intends to subdivide and build on the former truck gardening tract. Another 260 acres of ranch was reported sold a few months ago to a syndicate formed of Lloyd C. Simpson, T. Frank Barrett and H. H. Hilp. They planned at the time, a community of more than a thousand homes, a park area, schools and business area. Whether this recent sale adds to the syndicate's holdings or was purchased by another group has not been disclosed.

oOo

A contract for $5,000,000 state loan to the Golden Gate Bridge District for construction of a new Sausalito approach has been signed. The formal transfer of money will allow the State Highway Division to start surveys for the construction of a low-level approach to the bridge along the Sausalito bay shore, supplementing the present lateral and offering an alternate to the steep Waldo grade.

oOo

BURLINGAME is going to have its own memorial building for war veterans and is abandoning plans for a joint memorial with the county. . A new business building looms with the purchase of the next to last remaining piece of unoccupied business property on Burlingame Avenue for $75,000. Purchaser is reported to be Frederick Whitman, manager of the Templeton Crocker properties in Hillsborough.

oOo

The first HAYWARD quonset hut will be built for the Arthur C. Day Implement Company. The $6000, 40x100-foot structure will be erected at 643 Atherton Street . . and many a Seabee has hoped that he would never see one of the things again . . ever.

oOo

Plans for street closings to make possible the ultimate expansion of FRESNO State College campus to provide sites for nine contemplated new buildings and the expansion of others were approved by the City Commission in conformity with recommendations of the State Department of Public Works.

First Important Variations Appear For Flourescents

Developments continue to appear in the fluorescent lamp family at the high rate consonant with still young devices. The fluorescent lamp is less than ten years old. Yet the fact that about forty million of them were made in 1945 is indicative of their popularity.

The first important variations from the familiar cylindrical shape of fluorescent lamps have appeared. A circular lamp has been developed. It is an even foot across and is rated at 32 watts. Because of the high light output in a small space and its symmetrical shape, it removes the principal obstacles to its use in portable lamps in the home. The Westinghouse Circline is now appearing as the light source in floor and table lamps and in other specially - designed household lighting units.

New fluorescent lamps are longer and slimmer. Four lengths—five-eights and one-inch in diameter—are standard, from 3½ to 8 feet long. Their special place in the lighting picture is for showcase and decorative lighting where long lines of low brightness are required. The electrodes are designed for instant starting on high voltage. Long lamps present a starting problem in humid air which is overcome on the "slimline" by painting a narrow silver stripe along the outside of the glass to within a short distance from each end. This metallic stripe acts as a capacitor facilitating starting.

The slimline lamp is slightly more efficient in turning watts into lumens than the regular lamps. This is because a large proportion of fluorescent-lamp losses occur at the ends, and with the "slimlines", for a given length, there is a smaller percentage of loss.

Fluorecent lamp life and the specific effect of starting is better understood. As a result fluorescent lamps are now rated with consideration of the number of starts. For example, the 40-watt lamp has a life of 6000 hours if it burns 12 hours per start. But if the lamp burns 6 hours per start

(Continued on Page 4)

Central Valley Invitations for Bids Will Be Issued Early in the Year

With wartime restrictions removed and funds available, the U. S. Bureau of Reclamation in Region II opens the New Year with an accelerated building program that will literally "make the dirt fly" up and down the length of the great Central Valley.

Congress has just granted the Bureau $19,215,000 in the recently-passed deficiency bill to cover Central Valley Project construction activities until next July 1. Added to this is $15,967,000 regular funds made available at the beginning of the fiscal year, making a total of $35,182,000 available to carry forward the new construction program.

According to Regional Director Richard L. Boke, the bulk of the Bureau's work will be on irrigation features of the project which were halted during the war. These features, estimated to cost a total of $158,094,000, are chiefly designed to carry the water now stored behind Shasta and Friant dams to the lands of the San Joaquin Valley. Concurrently the Bureau is carrying on water-marketing negotiations with a score of irrigation districts in the valley, and has just signed the first of its contracts covering irrigation repayments with the Southern San Joaquin Municipal Utility District.

The major activities of the 1946 program will be work on the 160-mile Friant-Kern and the 110-mile Delta-Mendota canals, both channels of river-size proportions. Another undertaking will be completion of the last 10 miles of the Contra Costa Canal and construction of the Mountain View Reservoir that is to supply the city of Martinez with much-needed domestic water.

The other construction features of the 1946 program include the finishing touches on the project's three nearly-completed dams—Shasta, Keswick, and Friant—and the building of a 230-kv. transmission line from Oroville to Sacramento, including a line between substations at Sacramento. The power program for the rest of the fiscal year, July through December 1946, is estimated to cost $6,771,000; irrigation features $24,761,000; joint facilities $3,650,000. The initial features of Central Valley Project at 1945 prices is estimated to cost $384,314,000, of which about $160,000,000 have been expended.

Boke said all work is to be done by contract with private firms. Subject only to modifications dictated by variables such as weather and housing bottle-necks, the Bureau will carry out the 1946 irrigation construction program under the following schedule:

Friant-Kern Canal. The first 5.6 mile section is under contract for construction by Peter Kiewit Sons Company of San Francisco, and invitations for bids are ready for a 15-mile section to include two siphons across Dry and Little Dry Creeks. This month bids will be called on a 8.5-mile section; and in February on a siphon at Kings River. It is confidently expected that before the end of the fiscal year on June 30, bids will be called on at least one section of canal beyond Kings River. In view of the serious housing shortages in California, housing for Government employees on this work is included in the program.

Delta - Mendota Canal. Invitations for bids will be issued early in the year for the first 13-mile section of this west side canal, and for pumping equipment. The invitation for bids on a wasteway will also be issued. Housing for Government employees on this job also will be included in the program.

Contra Costa Canal. When weather permits, probably in March, construction will be resumed on the contract now held by Trewhitt, Shields & Fisher for a 5.3-mile section. Work on this contract was suspended during the war. Bids will be called this month for the remaining 4.7-mile section, including Mountain View Reservoir near Martinez.

Friant Dam. In April invitation for bids will be issued covering construction of a stilling basin for the outlet to the Friant-Kern Canal. Drum gates now being manufactured under purchase contract will be ready and bids covering installation will be issued in March. Bid invitations on valves, cranes, and miscellaneous items, will be issued in May. Landscaping and construction of camp facilities also will begin in 1946.

—V—

Surplus Barges Now Available

The Materials Disposal Section, U. S. Maritime Commission, Washington, D. C., has announced it has received a declaration from the War Department of 269 new surplus knocked-down steel barges, built at a cost of $9,119,000. The barges are for harbor use and are offered for sale "as is, f.o.b. location." Included are the following: 37 dry cargo barges, unit cost to government $5000; 15 crane barges unit cost $143,000; 7 liquid cargo barges, unit cost $27,900; two steel pier barges, $68,400; six liquid or dry cargo barges, unit cost $28,500; 184 do, unit cost $32,900; 18 dry cargo, $12,400 unit cost.

The barges are located at Horsehead and Voorheesville, N. Y.; Montgomery, Ala.; New Orleans, La.; **Lathrop and Vermo, Calif., and Auburn, Wash. For further information, address Materials Disposal Section, U. S. Maritime Commission, Washington 25, D. C.**

—V—

NEW RESIDENCE

Roland L. Buchanan, purchasing agent for Spott Electrical Company of Oakland, is building a new home in Moraga Gardens, Contra Costa County. Excavation, forms and placing concrete for the patio-type home are underway by J. H. Fitzmaurice, East Bay concrete contractor.

Recently Opened Vermiculite Mine Now Shipping

What may prove to be the second largest deposit of Vermiculite ore in this country has just been opened and is in shipping operation at Mt. Alexite, near Encampment, Wyoming, on a branch of the Union Pacific Railway. Geologists have estimated that the mountain contains several million tons of Vermiculite (trade name Alexite) ore, and a lease covering sixty years' operation has been signed.

A long drift has exposed a large tonnage of high grade Sericite, which is also being shipped.

Vermiculite ore is heavy and dense and is shipped cleaned and sized from the mine to many operators throughout the country feed it through a simple expanding or exfoliating furnace, similar to an ore roaster. Low carload bulk freight rates have been established from Mt. Alexite siding. The ore expands from 9 to 16 times its original size and weighs only from 6 to 10 pounds per cubic foot after exfoliation. Vermiculite is a micaceous, nonmetallic, non-organic mineral and contains chemicals and moisture between the layers which cause an accordian-like expansion under heat. Millions of tiny air cells in expanded Alexite account for its insulation value in building and its water-absorption value in agriculture.

The principal advantages of a good Vermiculite are that it is completely fireproof, insulating, vermin - proof, sound - deadening, and everlasting. When used as a loose fill or as an aggregate with cement or plaster, it provides an excellent fireproof insulation for roof decks and refrigeration plants as well as for hot pipes and furnaces. There can be no moulding or deterioration as with an organic insulation.

Many building codes have accepted Vermiculite as an aggregate and it has been approved by the Gypsum Association, The American Standards Association, as well as the American Society for Testing Materials when used as a substitute for sand and proper specifications are followed. It is estimated that some 85 per cent of the plastering done in the Detroit area is with Vermiculite in the place of sand, and practically all contractors charge the same as for sand plaster. The aggregate costs more but the saving of labor and material makes up for the higher cost of Vermiculite. Vermiculite weighs about one-tenth as much as sand; plasterers love it. Vermiculite plaster has four times the insulating value of sand plaster and has been given in four-hour fire rating by the Underwriters Laboratory. This is the best rating given to any building material.

The Alexite Engineering Co., Colorado Springs, Colo., maintains a half-dozen research engineers improving present products and developing new ones.

GROOVER AND I

TRIAL BALANCE

In preparing your balance sheet for the year just ended, why not try figuring it differently ?

* * *

Instead of adding up what you have gotten and gained, why not review what you have given ?

* * *

Not giving in terms that show on the cash register, but doing the little daily deeds costing but a moment of your time, yet adding so much to the day of others.

* * *

It is not necessary that your acts be shouted from the housetops — the joy of the doing will bring its own reward.

* * *

Standing at the Door of the Temple or the Gates of the City and making an exhibit of your largess may fatten your ego but it does not bring the inner satisfaction of doing the little day-by-day acts of graciousness which cost nothing in coin but yield a rich dividend in contentment.

* * *

If your balance sheet adds up that your passing by has made life more pleasant for others, you have had a good year.

—V—

Father and Son Partnership For Plastering Firm

Joseph P. Marconi of the Marconi Plastering Co., 211 Moulton Street, announces that effective January 1 his son Leonard J. Marconi will become a full partner in the firm.

Young Marconi, recently returned from overseas after five years service as a First Sergeant in the U. S. Army, had considerable previous experience assisting his father.

The Marconi Plastering Company has been actively engaged throughout the war largely on U. S. Engineer, Navy and War Housing projects and earned a Certificate of Merit from the Navy and the Army-Navy "E" for work at Mare Island.

New Recognition For Western Steel Market

Increasing importance of the western steel market is reflected in information received by the industrial departments of the Oakland and San Francisco Chambers of Commerce from S. C. Pohlmann vice president and general manager of the California Wire Cloth Corporation.

According to plans perfected by E. P. Holder, president of the Colorado Fuel & Iron Corporation, with offices in New York, the California Wire Cloth Corporation has been named to direct and manage C. F. & I.'s sales and service operations in Washington, Oregon, California and Nevada from Bay Area headquarters. The California corporation has a general office and a plant in Oakland, offices and a warehouse in San Francisco, a plant in South San Francisco, and a Los Angeles warehouse.

C. F. & I. operates one of the west's basic steel industries in Colorado and the centralization of western sales headquarters in the Bay Region is expected to improve services to western fabricators. In its new sales and service program, California Wire Cloth Corporation, in addition to their own operations, will represent Wickwire-Spencer Steel Division, Wickwire-Spencer Metallurgical Corp., Coburn Trolley Track Division, the American Wire Fabrics Corporation, and C. F. & I.

The new program will assure western steel users of additional supplies from western sources and is another recognition of the growing importance of the iron and steel industry in the west by eastern interests, according to the chambers of commerce.

—V—

ARCHITECTS IN NEW ASSOCIATION

Paul L. Dragon, Carl R. Schmidts and B. Reede Hardman announce the formation of the architectural firm of Dragon, Schmidts & Hardman, located at 2068 Allston Way, Berkeley.

—V—

NEW OFFICE

Architect J. Lloyd Conrich has moved his office from 558 — 33rd Avenue to Room 226, Balboa Bldg., 593 Market Street, San Francisco. Telephone SUtter 6315.

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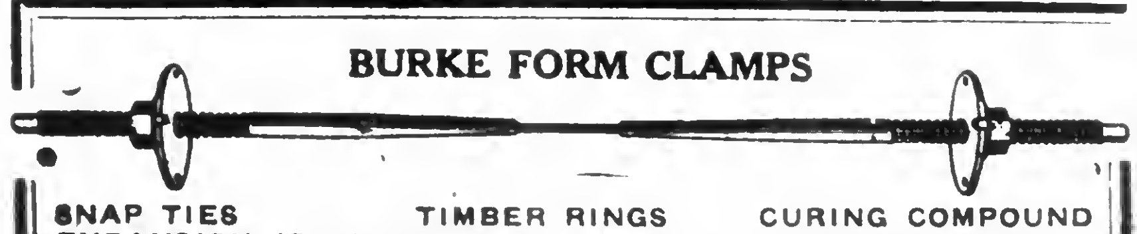

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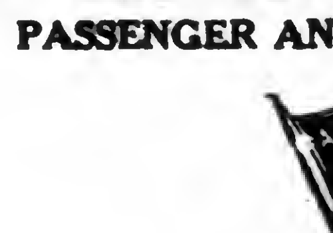

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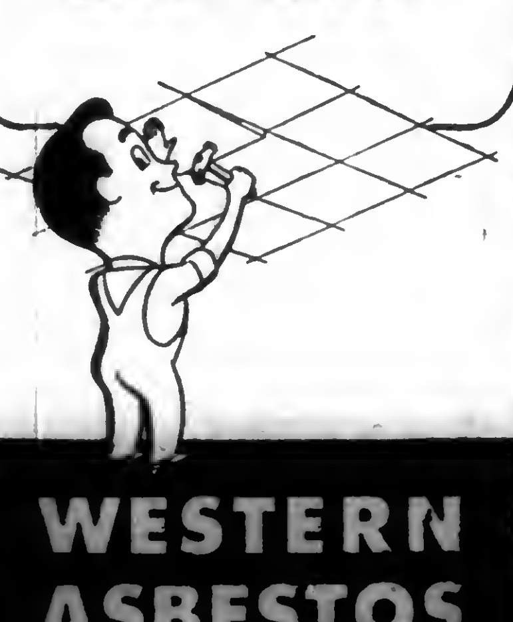

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ADVANCE CONSTRUCTION REPORTS

DAILY PACIFIC BUILDER
(Established 1890)
Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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1— APARTMENTS

January 2, 1946
TO START CONSTRUCTION
APARTMENT BUILDINGS
Cost, $75,000 each
BURLINGAME, San Mateo Co., Calif. Oak Grove and Florabuna.
Construction of three apartment buildings.
Owner—H. I. Lauder, 708 Plymouth Way, Burlingame.
Architect—Not announced.
Contractor—G. W. Williams Co., 10 California Dr., Burlingame. • 1

3— CHURCHES

January 2, 1946
PREPARING PLANS
ENLARGE CHURCH Cost, $50,000
SAN RAFAEL, Marin Co., Calif. 5th and E Sts.
Enlarge church by making present Sunday school room into an assembly hall seating 320 persons and offering dining facilities for 250; constructing two-story wing accommodating small chapel, kitchen, classrooms, etc.
Owner — San Rafael Presbyterian Church, 5th and E Sts., San Rafael.
Architect—Carl F. Gromme, Alberts Bldg., San Rafael. • 3

January 2, 1946
PLANS BEING FIGURED—BIDS OPEN AFTER JANUARY 1
CHURCH BLDG. Approx. Cost $28,000
MARTINEZ, Contra Costa Co., Calif.
Construction of masonry church building to seat about 200 persons.
Owner—Baptist Church.
Architect—Donald Powers Smith, 58 Sutter St., San Francisco.

Following is partial list of contractors figuring plans:

Howes & Whitaker, 626 Russ Bldg., San Francisco.

Midstate Construction Co., 1299 Bush St., San Francisco. • 3

4— FACTORIES AND WAREHOUSES

January 2, 1946
SUB-CONTRACTS AWARDED
MFG. PLANT Cost, $70,000
SAN FRANCISCO. Treat Ave. bet. 16th and 17th Streets.
Construction of one-story and mezzanine mill-frame mfg. plant for wood stairbuilding.
Owner and Builder—J. di Cristina & Son, 3150 18th Street.
Engineer—Alf. P. Fisher, 300 Montgomery Street.
Roofing—Alta Roofing Co. 976 Indiana Street.
Plumbing—A. J. Silva, 455 Hayes St.
Sheet Metal—Morrison & Co., 74 Duboce Avenue.
Reinforcing Steel—Judson - Pacific-Murphy, 1200 17th Street.
Concrete—John Cassaretto Co., Sixth and Berry Streets.
Trusses—Associated Wood Products, 1335 6th St., Berkeley.
Overhead Doors—Glide in Overhead Door Co., 5420 San Pablo Ave., Oakland.
Grading—Eaton & Smith, 715 Ocean Avenue. • • 4

January 2, 1946
PLANNED
PLANT
FIELDS LANDING, Humboldt Co., Calif.
Construction of new dock 350 feet long; cold storage plant, etc.
Owner—A. Paladini Co., Inc., Charles Timmons, local manager, Eureka.
Architect—Not announced. • 4

January 2, 1946
PLANNED
WAREHOUSE
RICHMOND, Contra Costa Co., Calif. 1141 S. 14th St.
Construction of new plant and offices to utilize 20,000 sq. ft. floor space.
Owner—Galen Co., Inc., H. A. Smith, president, 2148 4th St., Berkeley.
Architect—Not announced. 4

January 2, 1946
CONTRACT AWARDED

LOS ANGELES, Calif.—MacIsaac & Menke, 3440 E. 22nd St., Los Angeles, will start work soon on the construction of a one-and part two-story factory and office building at 127 N. San Vicente Blvd., Los Angeles, for Buzza & Cordoza, 3257 Wilshire Blvd., Los Angeles. It will cover an area 120x350 feet; cost $200,000. Plans are being prepared by Architects Risley & Gould, 220 S. Westmoreland Ave., Los Angeles. 4

January 2, 1946
CONSTRUCTION STARTED
CANNERY
SAN LEANDRO, Alameda Co., Calif. Southeast corner W. Ave. 129 and Menlo Dr.
Construction of an eight-line cannery, 200x675 feet, to be operated by Oakland Canning Co., foot of 9th Ave., Oakland.
Owner—Pacific Can Co., 290 Division St., San Francisco.
Structural Engineers—Ellison & King, 500 Sansome St., San Francisco.
Contractor—Swinerton & Walberg, 225 Bush St., San Francisco.

As previously reported, a can manufacturing plant will also be erected on Pacific Can Co. property for the Pacific Can Co. by Swinerton & Walberg, contractors. It is estimated that the two plants together will represent an investment of $1,000,000. • 4

January 2, 1946
PLANNED
COMMERCIAL BUILDING
YUBA CITY, Sutter County, Calif. Plumas St.
Construction of one-story general merchandise store building.
Owner—Western Auto Supply Co., W. G. and Thomas Bennett, owners, Yuba City.
Plans by owner.
Contractor—McCoy & Butler, 1128 F St., Marysville. 4

January 2, 1946
PLANNED
FREEZING PLANT Cost, $40,000
SAN JUAN BAUTISTA, San Benito Co., Calif.
Construction of freezing plant.
Owner—Sam J. Regas & Sons, San Juan Bautista.
Architect—Not announced. 4

January 2, 1946
TO START CONSTRUCTION
CANNERY Cost, $45,000
MONTEREY, Monterey Co., Calif. Wave Street.
Construction of reinforced concrete cannery building.
Owner—Central Packing Company, care Architect.
Architect—Robert Jones, Carmel.
Contractor—Elio & Vassalo, P. O. Box 181, Monterey. • • 4

January 2, 1946
PLANS BEING FIGURED

LOS ANGELES, Calif.—Engineers Bowen, Rowe, Rule & Bowen, 2835 Gilroy St., Los Angeles, have completed plans and are taking bids from a selected list of contractors for a reinforced concrete factory building to be built on Kansas Ave., between Massachusetts Ave. and Roberta Sts., Riverside, for the Colonial Radio Corp., Buffalo, N. Y., a subsidiary of Sylvania Electric Products, Inc. The building, which will be 150x180 feet in area, will have concrete walls and floor and will contain 50,000 square feet of floor space, steel roof trusses, gypsum slab roofing, steel sash, ceramic tile, lathing and plastering, asphalt tile flooring, steel toilet partitions, fire doors, acoustical ceilings, electric heating and ventilating, fluorescent lighting, automatic sprinkler system, spur track, etc. Bids are to be submitted at 3 P. M., January 4. • 4

January 2, 1946
PLANNED
PACKING PLANT Cost, $100,000
SANTA CLARA, Santa Clara Co.
Construction of steel packing plant with main portion one-story and the subsidiary two stories high.
Owner—Gangi Bros. Packing Co., 411 Meridian Road, San Jose.
Architect—Not Announced. • 4

January 2, 1946
PLANNED
CYANIDE MILL Cost, $150,000
TONOPAH, Nye Co., Nev. Mizpah Hill.
Construction of 100-ton cyanide mill.
Owner—Tonopah Mining Co., H. A. Johnson, Mgr., Tonopah.
Architect—Not Announced. • 4

January 2, 1946
PLANNED
PLANT ADDN. Cost, $40,000
BERKELEY, Alameda County, Cal. 1741 Fifth Street.
Construction of reinf. concrete one-story addition to plant to provide 7000 sq. ft. of floor space.
Owner—Berkeley Tool & Die Co., 1741 5th St., Berkeley.
Architect—Not Announced. • 4

January 2, 1946
PLANNED
CREAMERY
OAKDALE, Stanislaus County, Cal. Corner Sierra St. and 4th Ave.
Construction of assembling plant, garage and creamery building.
Owner—Dairymaid Creameries, Tom Foster, president (subsidiary of Marindell Corp., 1675 Howard St., San Francisco).
Architect—Not Announced. 4

January 2, 1946
CONTRACT AWARDED

LOS ANGELES, Calif.—T.-S. Construction Engineers, Inc., 530 W. 6th St., Los Angeles, has been awarded a contract for the construction of a five-story steel frame and concrete addition to a store building at 6067 Wilshire Blvd., Los Angeles, for the May Co. Department Stores Co., 330 W. 8th St., Los Angeles. The addition will cover an area 82x176 feet and will contain 60,000 square feet of floor space; concrete floor and roof slabs, steel sash; total estimated cost, $1,250,000. Otis Elevator Co., 300 E. 8th St., Los Angeles, has been awarded a separate contract for the escalators.

Plans were prepared by Architect A. C. Martin, 233 Higgins Bldg., Los Angeles. 4

January 2, 1946
PLANNED
PACKING PLANT
WATSONVILLE, Santa Cruz County, Calif. Beach Road.
Construction of packing plant.
Owner—Manuel A. Travers, 423 Rodriguez, Watsonville.
Architect—Not Announced. 4

6— GARAGES AND SERVICE STATIONS

January 2, 1946
PREPARING PLANS
CHURCH
HAYWARD, Alameda County, Calif. Bridge and Birch Sts.
Construction of new church building.
Owner—Eden Congregational Church, Hayward.
Architect—Scott Haymond, 180 Tamalpais, Berkeley. 3

7—FEDERAL BUILDINGS

January 2, 1946
CONTRACT AWARDED

LEWISTON, Idaho.—R. A. Newman, McMinnville, Ore., at $2621, was awarded contract by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior painting, etc., at U. S. Post Office, Lewiston,

January 2, 1946
PLANNED
HOSPITAL Cost, $200,000
TRACY, San Joaquin Co., Cal. West Eaton Avenue.
Construction of 40-bed hospital bldg.
Owner—Tracy Community Memorial Hospital, C. E. Ritter, general chairman, Tracy.
Architect—Not Announced. • 9

January 2, 1946
BIDS WANTED

PORT ANGELES, Wash. — Until January 8, 10 A. M., bids will be received by the 13th Naval District, Exchange Bldg., Seattle, for construction of airport control tower for Coast Guard.

Specifications obtainable from the above office. 7

January 2, 1946
BIDS OPENED

EASTPORT, Idaho.—Lewis Constr. Co., Seattle, at $2990 submitted low bid December 28 to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting at U. S. Border Station, Eastport, Idaho.

R. A. Newman, McMinnville, Ore., at $3564 submitted the only other bid. • • 7

January 2, 1946
BIDS OPENED

BREMERTON, Wash.—F. Machert Co., Seattle, Wash., at $1870, submitted low bid December 28 to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior painting and miscellaneous repairs at the U. S. Post Office Bldg., Bremerton, Wash.

Other bidders were:

Morgan Painting Co., Seattle, $3600.

R. A. Newman, McMinnville, Ore., $4113.

Lewis Construction Co., Seattle, $5200.

Saxon Painting Co., Tacoma, Wash., $5638.50. • 7

January 2, 1946
BIDS OPENED

SEATTLE, Wash. — Agutter Electric Co., Seattle, at $10,186 submitted low bid December 28 to the office of the district engineer, Federal Works Agency, Public Bldgs. Admin., 838 U. S. Appraiser's Bldg., San Francisco, for furnishing and installing fluorescent lighting fixtures, Federal Office Bldg., Seattle.

Other bidders were:

Agutter Electric Co., Seattle, $10,186.00.

Abbett Electric Co., San Francisco, $11,498.

Waldron, Brown, Johnson Co., Seattle, $11,980.

City Electric & Fixture Co., $12,910.

C. A. Carlsen, Seattle, $13,000.

Service Electric Co., Seattle, $13,740. • • 7

January 2, 1946
BID OPENED

PORTLAND, Ore. — H. Halvorson, Portland, at $8,567 submitted only bid December 28 to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for installing new window frames and sash and painting of openings at the U. S. Custom House, Portland. • • 7

8— CLUB BUILDINGS

January 2, 1946
PLANNED
LEGION BUILDING Cost, $30,000
LOS GATOS, Santa Clara Co., Calif. E. Main St.
Construction of new Legion building.
Owner—American Legion Post No. 158, Los Gatos.
Architect—Henry David Kensit, Rm. 4, Post Office Bldg., Los Gatos. 8

January 2, 1946
PLANNED
YMCA BLDG. Cost, $250,000
RICHMOND, Contra Costa Co., Cal.
Construction of new YMCA building to include gymnasium, pool, library, chapel, lounges, craft shop.
Owner—YMCA, c/o Frederique Breen secretary, 1030 Nevin Rd., Richmond.
Architect—Not Announced. • 8

January 2, 1946
PLANNED
LODGE BLDG. Cost, $25,000
ALBANY, Alameda Co., Calif. NE corner Evelyn and Solano Aves.
Construction of 2-story stucco lodge building.
Owner—Bayview Aerie No. 2323, Albany.
Architect—Not Announced. 8

9— HOSPITALS

January 2, 1946
FEDERAL FUNDS ALLOCATED

NEW MEXICO.—Mrs. I. A. Woodward, secretary, board of trustees of the Miners' Hospital of New Mexico, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $5000 will be furnished to the hospital for the purpose of assitsing in the preparation of plans for additions to the hospital. The plans can now be completed and all arrangements made for construction.

The preliminary draft outlines a new three-story hospital medical wing, to be constructed of masonry, fire-resistive type, hardwood floors, radiant heat and steel windows, and remodeling of the heating system and construction of a laundry building. The estimated cost of these additions will be $250,000, to be furnished from available cash with state assistance. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

E. A. Rose, located at Denver, Colo., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for New Mexico, and W. C. Kruger of Santa Fe, N. M., is the architect for the hospital to make the final plans for the addition facilities. 9

January 2, 1946
BIDS WANTED

THOMPSON FALLS, Mont.—Until January 11, 10 A. M., bids will be received by Cecelia M. Krier, Clerk and Recorder, Sander County, Court House, Thompson Falls, Mont., for construction of a county hospital building on county hospital site at Hot Springs.

Specifications obtainable from the above office or from the architect, H. E. Kirkemo, Lehsou Bldg., Missoula, Mont. • 9

January 2, 1946
PREPARING PLANS
HOSPITAL Cost, $70,000
CORCORAN, Kings County, Calif.
Construction of municipal hospital.
Owner—City of Corcoran, City Hall, Corcoran.
Architect—David Horn, Rowell Bldg., Fresno.

A bond election will be held in April. 9

10— HOTELS

January 2, 1946
TO START CONSTRUCTION
RESORT HOTEL
DOUGLAS COUNTY, NEV. Lake Tahoe Highway near intersection of Kingsbury Grade.
Construction of 4-story hotel, casino and cottages to be called "The Normandy Village."
Owners—Denny Wood, San Francisco, and Fred E. Elkins, 707 NW. 19th, Portland, Ore.
Architect—Not announced. • 10

January 2, 1946
PLANNED
MOTEL
OAKDALE, Stanislaus County, Cal. East "F" Street.
Construction of 11 duplex motels, store building, coffee shop, etc., with exterior stucco and interior plaster.
Owner and Builder—Harry Hofmann, Oakdale.
Plans by Owner. 10

13— PUBLIC BLDGS. FIRE HOUSES, JAILS

January 2, 1946
FUNDS ALLOTTED

SHERIDAN COUNTY, Wyoming.—Walter F. Peters, chairman, Board of County Commissioners, Sheridan County, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $800 will be furnished to the county for the purpose of assisting in the preparation of plans for fair ground buildings. The plans for the fair ground buildings can now be completed and all arrangements made for construction.

The preliminary draft outlines improvements to county fair grounds, including the construction of a shop building (40x60 ft.), stone wall, cement floor, wood roof with composition covering; and construction of an exhibit building of approximately 40x200 ft., with dirt floor, stone walls, wood frame roof, stalls and office space. The estimated cost of these facilities will be $22,150, to be furnished from tax receipts. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

E. A. Rose, located at Denver, Colo., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Wyoming. 13

January 2, 1946
FUNDS ALLOTTED

BASIN, Wyo.—Mayor P. P. Anderson of Basin has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $2500 will be furnished to the town for the purpose of assisting in the preparation of plans for a municipal auditorium. The plans for the auditorium can now be completed and all arrangements made for its construction.

The preliminary draft outlines an auditorium to be known as the Basin Memorial Auditorium, and will consist of the auditorium, full basement, balcony and mezzanine floor. The estimated cost of the auditorium will be $93,842, to be furnish from investments and funds now available. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

E. A. Rose, located at Denver, Colo., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Wyoming. 13

January 2, 1946
FUNDS ALLOTTED

COCONINO COUNTY, Arizona.—Gordon Evans, chairman, Board of Supervisors, Coconino County, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $1500 will be furnished to the county for the purpose of assisting in the preparation of plans for a recreation building. The plans for the much needed recreation building can now be completed and all arrangements made for its construction.

The preliminary draft outlines a war memorial recreation building covering approximately 4000 sq. ft. and will be constructed in Flagstaff. The estimated cost of the building will be $40,000, to be furnished from available cash and tax receipts. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction of the building begins.

Wright L. Felt, located at Los Angeles, Calif., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Arizona, and Lescher & Mahoney, Phoenix, are the architects for the County of Coconino to make the final plans for the building. 13

January 2, 1946
PLANNED
MUNICIPAL AUDITORIUM
Cost, $250,000
PITTSBURG, Contra Costa Co., Calif.
Construction of municipal auditorium
Owner — City of Pittsburg, E. L. O'Hara, city manager, City Hall, Pittsburg.
Architect—Not selected. 13

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Edgemont School Addn., San Bruno; Bids open January 11, 8 P. M.
Richard Delucchi & Co, 420 San Mateo Ave., San Bruno (San Bruno 974)
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8061).
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
R. A. Cullen, 478 Jackson Street San Francisco (SUtter 1951).

Bldgs., Services and Paving, Camp Pendleton, Oceanside; Spec. 17225; Bids open January 3, 11 A. M.
Haddock Engineers, Ltd., 225 Bush St., San Francisco (GArfield 2980).

Alter Bldg., Grant Ave. and Maiden Lane, S. F.; Bids open Jan. 11, 3 PM.
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616).
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
G. P. W. Jensen & Sons, Inc., 320 Market St., S. F. (GArfield 2444).

J. O. Edy Store Bldg., Lakeshore Ave., Oakland; Bids open Jan. 3, 3 PM.
Willis F. Lynn, 1040 Folger Ave., Berkeley (BErkeley 6044).
Anderson-Haglund, Inc., 219 41st St., Oakland (OLympic 9103).
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064)

Alter Continental Bakery, York and Alameda, S. F.; Bids open January 5
G. P. W. Jensen & Sons, Inc., 320 Market St., S. F. (GArfield 2444).
Jacks & Irvine, 620 Market St., San Francisco (GArfield 2106).

Alter Hotel Drake Wilshire, San Francisco; Bids open Jan. 5, 2 P. M.
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).

Beechnut Packing Co., San Jose; Bids open about January 8.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Carl N. Swenson Co., 355 Stockton Ave., San Jose 4 (BAllard 2602).

Alter Admin. Bldg., Golden Gate Bridge; Bids open January 11.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).

Baptist Church, Martinez; Bids open after January 1.
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).

Hayward Union High School Addn., Hayward; Bids open January 8, 5 P. M.
Close & Lewis, 721 "C" Street, Hayward (Hayward 270).

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ADVANCE CONSTRUCTION REPORTS

January 2, 1946

BID OPENED

WILMINGTON, Los Angeles Co., Calif.—Guy F. Atkinson, 1103 Heartwell Bldg., Long Beach, at $139,654, submitted the only bid to the Los Angeles Water and Power Purchasing Agent, Room 1202, 311 S. Spring St., Los Angeles, December 20, for the construction of auxiliary service buildings at the department's Harbor steam plant, Island Ave. and B St., Wilmington; Specification 9186. 13

January 2, 1946

BIDS WANTED

SAN FRANCISCO.—Until January 2, 1:45 P. M., bids will be received by the Department of Public Works, Room 282 City Hall, for relining and flashing of gutters at Hall of Justice.

Specifications obtainable from Superintendent of Buildings R. A. Chisholm, 490 11th St., San Francisco. * 13

14— RESIDENCES

January 2, 1946

PLANNED

RESIDENCES Cost, $2,000,000
SAN MATEO, San Mateo Co., Calif. South of Beresford Country Club.
Construction of 150 residences.
Owner and Builder—H. H. MacDonald, 2562 S El Camino Real, San Mateo.
Plans by Owner. * 14

January 2, 1946

PLANNED

RESIDENCES Cost, $1,360,000
BELMONT, San Mateo Co., Calif. Bayshore Highway, Old County Road, Ralston Avenue.
Construction of 215 residences.
Owners—Wm. D. Soule, Wm. D. and Frank W. Smith, 1818 Palm Ave., San Mateo.
Architect—Not Announced. * 14

January 2, 1946

BIDS OPENED

HOUSING PROJECT
SAN FRANCISCO. Corner Stockton and Pacific Sts.
Construction of Ping Yuen Housing Project, Calif. 115, consisting of 56 dwelling units of modern modified Chinese architecture.
Owner—The Housing Authority of City and County of San Francisco, John S. Bolles, technical director, 525 Market St. (YUkon 1661).
Architects—Mark Daniels and Henry T. Howard, 605 Market St.
Low Bidder—Biltwell Construction Co., 4745 Geary Blvd., San Francisco, $349,877.

Other bidders were:

M. & K. Corp., San Francisco, $438,834.

Robert McCarthy Co., San Francisco, $464,880.

Bids held under advisement. * 14

January 2, 1946

BIDS WANTED

SEATTLE, Wash.—Until January 7, 2 P. M., bids will be received by the University of Washington, Chas. May, superintendent of buildings and grounds, Seattle, for moving between 60 and 100 demountable or portable houses to site at Union Bay Place south of E. 45th St., etc. Cost, $350,000. 14

January 2, 1946

PROJECT ASSIGNED

PORTERVILLE, Tulare Co., Calif.—The Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco, has been assigned for development of Project Calif.-4310 consisting of 10 family stop gaps to be constructed at Porterville. * * 14

January 2, 1946

PROJECT ASSIGNED

STOCKTON, San Joaquin Co., Cal.—The Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco, has been assigned for development Project Calif.-4315, consisting of 20 family stop gaps to be constructed at Stockton. * * 14

January 2, 1946

PROJECT ASSIGNED

VISALIA, Tulare Co., Calif.—The Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco, has been assigned for development Project Calif.-4316, consisting of 20 family stop gaps to be constructed at Visalia. * * 14

January 2, 1946

PROJECT ASSIGNED

FRESNO, Fresno Co., Calif.—The Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco, has been assigned for development Project Calif.-4309, consisting of 10 family stop gaps to be constructed at Fresno. * * 14

January 2, 1946

PROJECT ASSIGNED

FRESNO, Fresno Co., Calif.—The Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco, has been assigned for development Project Calif.-4308, consisting of 20 family stop gaps to be constructed at Fresno. * * 14

January 2, 1946

PROJECT ASSIGNED

FRESNO, Fresno Co., Calif.—The Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco, has been assigned for development Project Calif.-4387, consisting of 20 family stop gaps to be constructed at Fresno. * * 14

January 2, 1946

PREPARING PLANS

HIGH SCHOOL BUILDING
LOMITA PARK, San Mateo County, Calif.
Construction of Lomita Park High School.
Owner—San Mateo Union High School District, W. T. Van Voris, superintendent, Bellevue Ave. and Delaware St., San Mateo; Arthur Brown Jr., supervising architect, 251 Kearny St., San Francisco.
Architect—Masten & Hurd, 407 Sansome St., San Francisco. 15

January 2, 1946

PREPARING PLANS

AUDITORIUM Cost, $250,000
SAN MATEO, Calif. San Mateo High School.
Construction of 1600-seat auditorium.
Owner—San Mateo Union High School District, W. T. Van Voris, superintendent, Bellevue Ave and Delaware St., San Mateo.
Supervising Architect—Arthur Brown Jr., 251 Kearny St., San Francisco.

Preliminary plans were prepared by Architect E. L. Norberg. 15

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January 2, 1946

TO PREPARE PLANS

SHOP BUILDING
SEBASTOPOL, Sonoma County, Cal.
Construction of high school shop building.
Owner—Analy High School District, Burton M. Travis, Secty., Sebastopol.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco. 15

January 2, 1946

PLANNED

RESIDENCES
ANTIOCH, Contra Costa Co., Calif.
Construction of 60 residences.
Owner—Roberts Island Dredging & Improvement Co., L. W. Mehaffey and Carl Newbury, S. Pacific Rd., Pittsburg.
Architect—Not announced. 14

15— SCHOOLS

January 2, 1946

PREPARING PLANS

BANK BUILDING
WINNEMUCCA, Nev. Southwest corner Bridge and W. 4th Sts.
Construction of one-story reinforced concrete bank building (50x85 ft.) with mezzanine and full basement, air conditioning, etc.
Owner—First National Bank of Nevada, W. W. Hopper, president, Winnemucca.
Plans by Capital Co., 1 Powell St., San Francisco. 16

January 2, 1946

PREPARING PLANS

SCHOOL BUILDING Cost, $30,000
WEST SACRAMENTO, Yolo County, Calif.
Construction of school building containing three or four classrooms and auditorium.
Owner—West Sacramento School District, Sacramento.
Architect—Harry J. Devine, Cronan Bldg., Sacramento. * 15

January 2, 1946

SUB-CONTRACTS AWARDED

SCHOOL ADDITION Cost, $35,000
RIO BRAVO, Kern County, Calif. Rio Bravo School.
Construction of school addition containing two classrooms, a shop and bus garage; tile roof, asphalt tile or linoleum floor covering, etc.
Owner—Rio Bravo School District, Rio Bravo.
Architect—Charles H. Biggar & Associates, 268 Haberfelde Bldg., Bakersfield.
Contractor—Ashby & Opperman, Box 127, Bakersfield.
Roofing—Bakersfield Roofing & Insulation Co., Bakersfield.
Plumbing — Gundlach Plumbing & Sheet Metal Co., 2324 Chester Ave., Bakersfield.
Electric Wiring — Advance Electric Co., 821 18th St., Bakersfield.
Heating—Gundlach Plumbing & Sheet Sheet Metal Co., 2324 Chester Ave., Bakersfield.
Sheet Metal—Gundlach Plumbing & Sheet Metal Co., 2324 Chester Ave., Bakersfield.
Tile Work—Lloyd H. Rowley, 3002 Sevier, Bakersfield.
Glass—Bakersfield Glass Co., 1715 19th St., Bakersfield.
Lumber—The King Lumber Co., Box 1559, Bakersfield.
Mill Work—Fresno Planing Mill Co., H and Monterey, Fresno.
Hardware — Bakersfield Sandstone Brick Co., 501 Sonora St., Bakersfield.
Painting—Peckham & Fister, Box 911, Bakersfield.
Lathing and Plastering—Geo. Rosendahl, 3330 San Dimas St., Bakersfield. 15

January 2, 1946

PRELIMINARY PLANS COMPLETED

RIVERSIDE, Calif.—Architect G. Stanley Wilson, 3681 6th St., Riverside, has completed preliminary plans, which have been approved by the Riverside City School District, for the construction of a 500-seat auditorium building at Magnolia School, 5801 Magnolia Ave., Riverside, for the district. 15

January 2, 1946

COMPLETING PLANS

NORTH HOLLYWOOD, Los Angeles Co., Calif.—Laurence D. Viole, engineer, 3220 Laurel Canyon Blvd., North Hollywood, is completing plans for a two-story reinforced concrete parochial grammar school to be built on Moorpark St., west of Lankershim Blvd., North Hollywood, for St. Charles Catholic parish, Rev. H. C. Meade, pastor. The building will house 14 classrooms, a 575-seat auditorium, a cafeteria, library, offices, clinic, and will have a basement 15x75 feet in area; estimated cost, $250,000. 15

January 2, 1946

BONDS VOTED

SCHOOL BUILDING Cost, $30,000
SONOMA COUNTY, Calif.
Construction of new school building and auditorium.
Owner—Dunbar School District, Sonoma.
Architect—Not announced.

The city voted to issue bonds to finance above construction. * 15

January 2, 1946

PLANNED

SCHOOL Cost, $90,000
REDWOOD CITY, San Mateo Co., Calif. Alden and Warren Sts.
Construction of school building to contain five classrooms.
Owner — Redwood City Elementary School District, Andrew Spinas, superintendent, Redwood City.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco.

January 2, 1946

PLANNED

ENLARGE SCHOOL Cost, $70,000
SANTA CRUZ COUNTY, Calif.
Enlarge school buildings.
Owner—Soquel School District, Soquel.
Architect—Not announced.

A bond election will be held some time in January. 15

January 2, 1946

PLANNED

SCHOOL ADDITION
LIVERMORE, Alameda Co., Calif. Livermore High School.
Construction of new gymnasium and additional classrooms.
Owner—Livermore School Dist., Livermore.
Architect—Not Announced. 15

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January 2, 1946

PLANNED

HIGH SCHOOL Cost, $1,000,000
REDWOOD CITY, San Mateo Co., Calif. San Carlos-Belmont District.
Construction of new high school building.
Owner—Sequoia Union High School District, A. C. Argo, superintendent, Broadway, Redwood City
Architect—Not announced.

A bond election will be held to finance project. 15

January 2, 1946

PLANNED

HIGH SCHOOL Cost, $1,000,000
REDWOOD CITY, San Mateo Co., Calif. Menlo Park-Atherton area.
Construction of new high school building.
Owner—Sequoia Union High School District, A. C. Argo, superin-
Architect—Not announced.

A bond election will be held to finance project. 15

January 2, 1946

PLANNED

SCHOOL ADDITION Cost, $121,250
REDWOOD CITY, San Mateo Co., Calif. Lincoln School.
Construction of three new classrooms, enlarged lunchroom, etc.
Owner — Redwood City Elementary School District, Andrew Spinas, superintendent, Redwood City.
Architect—Ernest J. Kump Co., 251 Kearny St., San Frnacisco. 15

January 2, 1946

PLANNED

SCHOOL ADDITIONS Cost, $73,300
EARLIMART, Tulare County, Calif. Earlimart School.
Construction of school addition, including auditorium, cafeteria and five or six classrooms.
Owner — Earlimart School District, Howard S. Glover, district superintendent, Earlimart.
Architect—David Horn, Rowell Bldg., Fresno.

The district has applied to the Federal Works Agency, Berkeley, for planning funds. 15

January 2, 1946

PLANNED

SCHOOL BLDG. Cost, $250,000
OILDALE, Kern County, Calif.
Construction of school building.
Owner—Standard School District, R. W. Inness, chairman, Oildale.
Architect—Chas. H. Biggar, Haberfelde Bldg., Bakersfield.

A bond election will be held in January. 15

January 2, 1946

PLANNED

SCHOOL
CARSON CITY, Nevada.
Construction of new school building.
Owner—Carson City Board of Education, Carson City.
Architect—Not Announced. 15

January 2, 1946

PLANNED

SCHOOL ADDITION Cost, $800,000
REDWOOD CITY, San Mateo Co., Calif. Sequoia Union High School.
Construction of additional classrooms and buildings at high school.
Owner—Sequoia Union High School District, Superintendent A. C. Argo, Broadway, Redwood City.
Architect—Not announced.

A bond election will be held to finance project. * 15

January 2, 1946

PLANNED

SCHOOL BUILDING Cost, $166,000
REDWOOD CITY, San Mateo Co., Calif. Friendly Acres on Bay Rd. between 8th and 10th Aves.
Construction of school building to contain six classrooms, auditorium and kindergarten.
Owner — Redwood City Elementary School District, Superintendent Andrew Spinas, Redwood City.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco. 15

January 2, 1946

PLANNED

SCHOOL ADDITION Cost, $265,500
REDWOOD CITY, San Mateo Co., Calif. McKinley School.
Construction of manual arts and crafts building, homemaking building, gymnasium and cafeteria, refinishing of 15 classroom floors, etc.
Owner — Redwood City Elementary School District, Superintendent Andrew Spinas, Redwood City.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco. 15

January 2, 1946

PLANNED

GRAMMAR SCHOOL Cost, $401,300
REDWOOD CITY, San Mateo Co., Calif. Charter and Stambaugh Sts.
Construction of grammar school building containing 17 classrooms, auditorium, lunchroom and auxiliary rooms.
Owner — Redwood City Elementary School District, Superintendent Andrew Spinas, Redwood City.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco. 15

January 2, 1946

PLANNED

SCHOOL ADDITION Cost, $150,650
REDWOOD CITY, San Mateo Co., Calif. John Gill School.
Construction of four-classroom addition and lunchroom.
Owner — Redwood City Elementary School District, Superintendent Andrew Spinas, Redwood City.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco. 15

January 2, 1946

PLANNED

SCHOOL ADDITION Cost, $150,650
REDWOOD CITY, San Mateo Co., Calif. Garfield School.
Construction of auditorium with 500 seats and a cafeteria building.
Owner — Redwood City Elementary School District, Superintendent Andrew Spinas, Redwood City.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco. 15

January 2, 1946

PLANNED

SCHOOL ADDITION Cost, $185,790
REDWOOD CITY, San Mateo Co., Calif. Washington School.
Construction of four-classroom addition, lunchroom, etc.
Owner — Redwood City Elementary School District, Superintendent Andrew Spinas, Redwood City.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco. 15

16— BANKS, STORES AND OFFICES

January 2, 1946

PLANNED

TRUCK SALES BUILDING Cost, $100,000
FRESNO, Calif. M and Stanislaus Sts.
Construction of one-story and mezzanine brick, reinforced concrete and steel truck sales and service department building (150x125 ft.).
Owner—Rodman Chevrolet Co., J. E. Rodman, Van Ness and Tuolumne Sts., Fresno.
Architect—Not announced. 16

January 2, 1946

PLANS BEING FIGURED—BIDS OPEN JAN. 11, 2 P. M.

ADDITION
SAN FRANCISCO. Administration Bldg., Golden Gate Bridge.
Alterations and one-floor addition over portion of present building.
Owner—Board of Directors, Golden Gate Bridge and Highway Dist., c/o Jas. Ricketts, general manager.
Structural Engineer—L. H. Nishkian 1045 Sansome Street.

Plans are being figured by the following selected list of contractors:

Barrett & Hilp, 918 Harrison St., San Francisco.

M & K Corp., 200 Financial Center Bldg., San Francisco.

MacDonald, Young & Nelson, 127 Montgomery St., San Francisco.

Midstate Constr. Co., 1299 Bush St., San Francisco.

H. H. Larsen Co., 64 South Park, San Francisco.

Haas Constr. Co., Merchants' Exchange Bldg., San Francisco. * * 16

January 2, 1946

SITE PURCHASED

DEPARTMENT STORE
RICHMOND, Contra Costa Co., Calif. Northwest corner Macdonald Ave. and Eighth St.
Construction of three-story department store.
Owner—Harry Albert, Albert's Department Store, Richmond.
Architect—Not announced. 16

January 2, 1946

PLANNED

STORES Cost, $100,000
SAN MATEO, Calif. Second Ave. and San Mateo Dr.
Construction of three new stores on site of Patisson's garage.
Owner and Builder—Ross H. Camberlain, Ltd., 680 Laurel, San Carlos.
Architect—Not announced. 16

January 2, 1946

PLANNED

REMODEL BLDG. Cost, $100,000
PALO ALTO, Santa Clara Co., Calif. 310 University Ave.
Remodel building to provide 30,000 sq. ft. of store area.
Owner—J. C. Penney Co., New York.
Architect—Not announced. 16

January 2, 1946

PLANNED

OFFICE BUILDING
OAKLAND, Alameda County, Calif. 57th Ave.
Construction of office building.
Owner—Don Neher Motors Co., 57th Ave., Oakland.
Architect—Not announced. 16

January 2, 1946

CONSTRUCTION UNDER WAY

COMMERCIAL BUILDINGS Cost, $300,000
SAN LEANDRO, Alameda Co., Calif. W. side of E. 14th St., between 143rd and 144th Aves.
Construction of shopping center, including wood-frame store buildings with steel trusses.
Owners — Ina B. and Malcom R. Storm, 645 Bancroft Ave., San Leandro.
Architect—Not announced.
Contractor—H. L. Risdon & Sons, 5977 Majestic Ave., Oakland. * 16

January 2, 1946

SUB-BIDS WANTED

SAN FRANCISCO.—R. A. Cullen, 478 Jackson St. (SUtter 1951) has the general contract and desires sub-bids on electrical work on alterations to auditorium of the Salvation Army building, 115 Valencia St. * 16

January 2, 1946

PLANNED

FURNITURE STORE
WATSONVILLE, Santa Cruz Co., Calif. 543 Main St.
Construction of modern furniture store building (60x176 ft.), with mezzanine floor.
Owner—Mr. and Mrs. R. W. Spung, Main and Lake, Watsonville.
Architect—Not announced. 16

January 2, 1946

PLANS BEING FIGURED—BIDS OPEN JANUARY 11, 3 P. M.

REMODEL STORE BUILDING
SAN FRANCISCO. Grant Ave. at Maiden Lane.
Remodel store building to provide modern three-story building (69x 85 ft.) for women's apparel and containing 26,500 feet of floor space divided into semi-enclosed shops; fluorescent and incandescent lighting.
Owner — Hale Bros., Marshal Hale, Jr., president; 5th and Market Sts.
Architect — William G. Merchant, 57 Post St.

Plans are being figured by the following selected list of contractors:

H. H. Larsen Co., 64 South Park, San Francisco.

MacDonald, Young & Nelson, 127 Montgomery St., San Francisco.

Dinwiddie Construction Co., Inc., 210 Crocker Bldg., San Francisco.

Parker, Steffens & Pearce, 135 South Park, San Francisco.

G. P. W. Jensen & Sons, Inc., 320 Market St., San Francisco. * 16

January 2, 1946

PLANNED

SHOPPING CENTER
NEAR LAFAYETTE, Contra Costa Co., Calif. Tunnel Rd. near Reliez Valley-Martinez cutoff.
Construction of modern shopping center, including market, hardware store, restaurant, emporium, etc.
Owner—Capt. A. G. Sandford, Tunnel Rd., Lafayette.
Architect—Not announced. 16

January 2, 1946

PLANNED

TRUCK TERMINAL
OAKDALE, Stanislaus County, Cal. Sonora Highway.
Construction of structural steel truck terminal building.
Owner—Ed Davis and John Loger, Yosemite and F Sts., Oakdale.
Architect—Not Announced. 16

January 2, 1946

PLANNED

OFFICE BLDG. Cost, $30,000
OAKDALE, Stanislaus County, Cal. Corner 3rd Ave. and G St.
Construction of reinforced concrete office building (95x80-ft.)
Owner—Dr. Edward Chouret, Oakdale.
Architect—R. G. DeLappe, Claremont Hotel, Berkeley.
Contractor—M. A. Little, 1 Grand View Ave., San Francisco. 16

January 2, 1946

PLANNED

AUTO SALES BLDG. Cost, $30,000
VISALIA, Tulare Co., Calif. Corner Mineral King and Tipton Aves.
Construction of brick auto sales and service building.
Owner—James M. McAllister, Inc., Visalia.
Plans by Owner.
Contractor — Trewhitt, Shields and Fisher, Pacific Southwest Bldg., Fresno. 16

January 2, 1946

PLANNED

BAND ADDITION Cost, $50,000
RICHMOND, Alameda Co., Cal. 12th Street.
Construction of addition to bank adding 5,000 sq. ft. of floor space.
Owner—Bank of America, Duncan Currie, local manager, 1201 Macdonald Ave., Richmond.
Plans by Capital Co., 1 Montgomery St., San Francisco. 16

January 2, 1946

SUB-CONTRACTS AWARDED

BAR AND RESTAURANT Cost, $15,000
PITTSBURG, Contra Costa Co., Calif.
Construction of one-story frame bar and restaurant building.
Owner—S. Cardinale, 480 York St., Pittsburg.
Architects—Reynolds & Chamberlain, 3833 Piedmont Ave., Oakland.
Contractor—Salvatore E. Siino, Route 2, Donovan Pass, Concord.
Plumbing—Sal Rizzo, 263 W. 11th St., Pittsburg.
Electric Wiring—Jack Aiello, 44 W. 4th St., Pittsburg.
Sheet Metal—Industrial Sheet Metal Co., 190 Army St., Pittsburg.
Glass—East Bay Glass Co., 621-627 6th St., Oakland.
Hardwood Floors — Chadwick, Pittsburg.
Grading—Salvatore Evola, 540 Cumberland St., Pittsburg.
Lumber — Redwood Manufacturing Co., Industrial Rd., Pittsburg.
Mill Work—Harbor Mill Co., Pittsburg.
Hardware—Wallace Hardware, Pittsburg.
Lathing and Plastering—Don Smith, 1358 Birch, Pittsburg. 16

January 2, 1946

LOW BIDDER

STORE BUILDING
PITTSBURG, Contra Costa Co., Calif.
Alterations to present store building.
Owner—National Shoe Co., Los Angeles.
Architect—Otto A. Deichmann, 1026 Market St., San Francisco.
Low Bidder — Peter Sartorio, 262 Clementina St., San Francisco, about $19,000. * 16

January 2, 1946

BIDS REJECTED

STORE BUILDING
SAN FRANCISCO. Bayshore Blvd. near Visitacion.
Construction of new Safeway Store building.
Owner—Retail Construction Co., Division of Safeway Stores, 5257 College Ave., Berkeley.
Structural Engineer—Kaj Theill, 580 Market St., San Francisco.

All bids received December 11, Noon, were rejected as too high; new bids will not be asked immediately. * 16

January 2, 1946

TO START CONSTRUCTION

COMMERCIAL BUILDINGS
SALINAS, Monterey Co., Calif. Salinas St. bet. Clay and East San Luis.
Construction of five reinf. concrete store buildings.
Owner—Mr. and Mrs. Fred J. Hart.
Architect—Charles E. Butner, 7 Winham Street, Salinas.
Contractor—Sam Trondhjem, 50 Geil St., Salinas. 16

January 2, 1946

LOW BIDDER

SAN JOSE, Santa Clara Co., Calif. First and San Carlos Streets.
Preparation for installation of esculator in building.
Owner—Hale Brothers Inc., First and San Carlos Streets, San Jose.
Architect—Wm. G. Merchant, 57 Post Street, San Francisco.
Low Bidder—MacDonald, Young & Nelson, 137 Montgomery St., San Francisco. * * 16

January 2, 1946

BIDS IN—HELD UNDER ADVISEMENT

ALTER STORE
OAKLAND, Alameda County, Calif. Washington and 11th Streets.
Alterations to building to prepare for installation of esculator.
Owner—Hale Bros., Washington and 11th Streets.
Architect—Wm. G. Merchant, 57 Post Street, San Francisco.

Announcement shortly. * * 16

17— THEATERS

January 2, 1946

PLANNED

THEATER Cost, $50,000
SACRAMENTO, Calif. 1223 K St.
Construction of theater to seat 500; glass brick and tile exterior, with neon lighting, opera-loge type seats.
Owners—Ray R. Kelsall and Leonard Giordano, 3236 T St., Sacramento.
Architect—Not announced. 17

January 2, 1946

PLANNED

REMODEL THEATER Cost, $22,000
SAN ANSELMO, Marin Co., Calif. Tamalpais Theater Bldg.
Remodel theater building to convert upper floor into suites of offices.
Owner — Blumenfeld Theaters, 25 Taylor St., San Francisco.
Architect—Not Announced. 17
Architect—John S. Bolles, 369 Pine St., San Francisco. * 19

19—MISC. CONSTRUCTION

January 2, 1946

BIDS OPENED

EPHRATA, Wash.—Electric Construction Co., 760 Commerce, Tacoma, Wash., at $234,474, submitted the low bid to the Grant County Public Utility District No. 2, Ephrata, Wash., December 7, for the construction of a 200-mile rural electric distribution system in Grant County, Wash., a Rural Electrification Administration funded project. Plans and specifications were prepared by Engineer W. S. McCrea Jr., 241 Perkins Bldg., Tacoma, Wash.

Total bids were:

Electric Contracting Co., $234,474.
Cascade Contractors, $234,484.
Agutter Electric Co., $254,535.
Electric Smith, $273,018.
Power City Electric Co., $277,750.
H. H. Walker, $323,356. 19

January 2, 1946

PLANNED

MORTUARY Cost, $100,000
BURLINGAME, San Mateo Co., Cal. Park Road and Peninsula Ave.
Construction of two-story Colonial style mortuary.
Owner — Crosby - N. Gray Funeral Parlors, 23 California Dr., Burlingame.
Architect—Richard N. Bates, Hillsborough. 19

January 2, 1946

TO START CONSTRUCTION

RADIO STATION Cost, $100,000
SUTTER BUTTES, Sutter Co., Calif.
Construction of brick radio station.
Owner — Sacramento Valley Broadcasters (Warren N. Shingle, Lester L. Rice and Beverly B. Ballard), Marysville.
Plans by owner.
Contractor — Beverly B. Ballard, Marysville. * 19

January 2, 1946

PLANNED

PLANT Cost, $75,000
MARIN COUNTY, Calif. Near Mount Olivet Cemetery.
Construction of ranch-house type institution.
Owner—"Guide Dogs for the Blind, Inc.," Los Gatos.

20— MISC. SUPPLIES AND MATERIALS

January 2, 1946

CONTRACTS AWARDED

SANI FRANCISCO.—Wm. L. Delaney Co., Derry's Feed & Fuel Co., General Mills, Inc., Haas Bros., P. H. Russell, Tiedemann & McMorran and C. M. Volkman & Co. awarded contracts by M. H. Gerry, Purchaser of Supplies, 270 City Hall, under Bid No. 8417 for furnishing and delivering forage, farinaceous products and seed for the term commencing December 1, 1945, and ending May 31, 1946. 20

January 2, 1946

CONTRACTS AWARDED

SAN FRANCISCO. — Tide Water Associated Oil Co. (Associated Division), 79 New Montgomery St., was awarded contract by M. H. Gerry, Purchaser of Supplies, 270 City Hall, under Bid No. 3431 for furnishing and delivering automotive diesel engine fuel oil for various city departments for the calendar year 1946. 20

January 2, 1946

CONTRACTS AWARDED

SAN FRANCISCO.—Dalziel Plumbing Supplies, General Machinery & Supply Co., Steam & Plumbing Service Corp. and Tay-Holbrook, Inc., awarded contracts by M. H. Gerry, Purchaser of Supplies, 270 City Hall, under Bid No. 7120 for furnishing and delivering pipe and fittings for the term January 1, 1946, to April 30, 1946. 20

January 2, 1946

NOTICE OF SALE

SAN FRANCISCO.—Until January 4, 10 A. M., bids will be received by the Navy Material Redistribution and Disposal Office, 785 Market St., San Francisco 3, under Sales No. B-229-46 for sale of 21 net tons miscellaneous electronic material consisting of dynamotors, chassis, endbells, relays, control and selector boxes, located at Supply Annex, Rough and Ready Island, Stockton. 20

January 2, 1946

CONTRACTS AWARDED

SAN FRANCISCO.—The Clark Co., Cobbledick-Kibbe Glass Co., W. P. Fuller & Co., The Glidden Co., Hockwald Chemical Co., Dan P. Maher Paint Co., Morck Bush Manufacturing Co., National Lead Co., D. H. Rhodes & Co., The Standard Laboratories, Standard Oil Co. of California and Yates & Smart Paint Co. awarded contracts by M. H. Gerry, Purchaser of Supplies, 270 City Hall, under Bid 7314 for furnishing and delivering paints, painters' supplies, lacquer, enamel and glass for the term December 1, 1945, to May 31, 1946. 20

January 2, 1946

CONTRACTS AWARDED

SAN FRANCISCO.—Ajax Foundry Co., Walter R. Carr Co., Dunham, Carrigan & Hayden Co., Empire Foundry Co., The A. J. Glesener Co., Inc., M. Greenberg's Sons, Miller & Stern Supply Co., Pacific Abrasive Supply Co. and Schied Heavy Hardware & Steel Co. awarded contracts by M. H. Gerry, Purchaser of Supplies, 270 City Hall, under Bid No. 7215 for furnishing and delivering hardware and castings for the term commencing December 1, 1945, to May 31, 1946. 20

OFFICIAL PROPOSAL

Pro. No. 1700—One (1) Electric Motor and One (1) Reduced Voltage Manual Starter

NOTICE TO CONTRACTORS

Sealed Proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512—16th Street, Oakland, California, until 5:30 P. M., **Wednesday, January 9, 1946**, and will at that hour be opened for furnishing one (1) ELECTRIC MOTOR and one (1) REDUCED VOLTAGE MANUAL STARTER, as per specifications.

Proposal No. 1700 covering same may be obtained upon application at Room 312, Purchasing Department, of the District.

DANIEL READ,
Secretary.

Oakland, California,
December 26, 1945.

(Daily Pacific Builder)
(Jan 2 1946)

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Sewers and Sewage Disposal Plants 32
Waterworks 33
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Tunnels 35

22— DREDGING, HARBOR WORKS, EXCAVATION

January 2, 1946

BIDS OPENED

WILLAPA, Pacific Co., Wash.—Grays Harbor Construction Co., Aberdeen, Wash., and Quigg Bros. Construction Co., Hoquiam, Wash., at $177,320, submitted identical low bids to the U. S. District Engineer Office, 1400 Textile Tower, Seattle, Wash., December 20, for dredging and disposing of approximately 572,000 cu. yds. of material in the Willapa River and Harbor, Washington.; Invitation No. 45-108-46-36. The project will include removal of numerous shoals in stretch of the Willapa River about seven miles long.

Total bids were:

Grays Harbor Construction Co., $177,320.

Quigg Bros. Construction Co., $177,320.

Puget Sound Bridge & Dredging Co., $228,228.

General Construction Co., $228,800.

25—MACHINERY AND EQUIPMENT

January 2, 1946

BIDS WANTED

ST. GEORGE, Utah.—Until January 8, 8 P. M., bids will be received by the St. George Utility Commission, M. M. Bentley, chairman, St. George, Utah, for furnishing one diesel engine generating unit, 600 to 750 KW., with auxiliaries for the St. George Utility Commission. Specifications available from the above office upon deposit of $10. 25

January 2, 1946

LOW BIDDERS

PARKER DAM POWER PROJ., Calif.—California Steel Products Co., Barrett and "A" Sts., Richmond, at $5,737.30 fob Richmond, 29019 pounds terms net, submitted low bid Dec. 28 to the U. S. Bureau of Reclamation, Denver, under Spec. 1132 for furnishing and delivering the steel partition and housing for the Parker power plant, Parker Dam Power Project, fob shipping point and/or Earp.

Other low bidders were:

Geo. T. Gerhardt, San Francisco, $7358 fob San Francisco; terms net.

Rockwell Engrg. Co., Chicago, $14,400, fob Chicago; 32,000 lbs.; terms net. * * 25

January 2, 1946

BIDS OPENED

SAN JOAQUIN, STANISLAUS and CALAVERAS COUNTIES, Calif.—John L. McPheeters, 211 Dorris Place, Stockton, Calif., at $4.95 per hour and $6.03 overtime, submitted only bid to the Division of Highways, District X, 1200 N. Center St., Stockton, for rental of spraying outfit for intermittent use in spraying roadside trees in San Joaquin, Stanislaus and Calaveras Counties. * 25

January 2, 1946

NO BIDS RECEIVED

BERKELEY, Alameda Co., Calif.—No bids were received December 26 by the City of Berkeley, city clerk, City Hall, for furnishing one 5-passenger 4-door sedan. 25

(Continued on Page Four)

WANTED—FOR SALE—FOR RENT
USED EQUIPMENT and MATERIALS
BARGAINS

FOR SALE
NEW & RECONDITIONED DIMENSION LUMBER
TIMBERS, wallboards, plumbing, pipe, millwork, and other building materials. SALE PRICES. Large stocks of "hard to get" items.
Wire, write, or 'phone
CLEVELAND WRECKING CO.
2900 Third St. - VAlencia 4977

70-ft. STEEL TOWER, 28 M gal. REDWOOD TANK and two 66-in. x 24-ft. x 5/8-in. STEEL PRESSURE TANKS to be sold as one unit. Located in San Francisco. Must be removed at once. Sacrifice. Write, 'phone or wire for information.
CLEVELAND WRECKING CO.
2800 Third Street, San Francisco
VAlencia 4977 (tf)

FOR SALE
LINE TRUCK, 1930 FWD 6, complete as it came from factory, including Model C HIGHWAY EARTH-BORING MACHINE WINCH AND DERRICK; Budd wheels, six 9:75x20 tires, line body, unladen weight 16800 lbs.; cost new, $10,445. Price, $8,500. Peterson Eng. Co., 4126 26th St., San Francisco, Phone VAlencia 5006.
to 12/31/45

FOR RENT OR SALE
CAT 30 WITH HYDR. DOZER. 2643 San Bruno Ave., S. F. Phone RA. 2998. to Jan. 8, 1946

BUY WAR BONDS AND STAMPS

Associated Wood Products Co.
Fabricators and Erectors of TIMBER TRUSSES
Berkeley 8317 1335 SIXTH ST., Berkeley 2, Calif.

PLASTERING MATERIALS - CEMENT - GRAVEL
SAND - BRICK - BRICK MORTAR - WIRE NETTING
METAL LATH - PLASTER BOARD
Distributors for
J. S. GUERIN & COMPANY
720 FOLSOM STREET -:- Phone: SUtter 4696
CERTAIN-TEED ROOFING PRODUCTS

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS

Building Permits, $1,000 and Over, Applied For

SAN FRANCISCO COUNTY

ALTER RESTAURANT and STORE
730 JACKSON STREET.
Owner—Joe Shoong School, c/o contractor.
Builder—Mariposa Construction Co., 1106 Mariposa St.
Architect—Not Given. $12,968
(Application No 84855)

2-STORY FRAME FLATS (3)
S. GREENWICH 44, 70 W. GOUGH; W. GOUGH 82 S. GREENWICH.
Owner and Builder—Oliver M. Rousseau, 725 Tehama St.
Architect—Not Given. $12,500 each
(Application Nos 84851 to 53)

2-STORY FRAME FLATS (4)
N. GREENWICH 100, 125, 150, 175 E. GOUGH.
Owner and Builder—Oliver M. Rousseau, 725 Tehama St.
Architect—Not Given. $12,000 each
(Application Nos 84847 to 50)

2-STORY FRAME DWELLING
W. GOUGH 108 S. GREENWICH.
Owner and Builder—Oliver M. Rousseau, 725 Tehama St.
Architect—Not Given. $12,000
(Application No 84854)

ALTER HOTEL
631 O'FARRELL STREET.
Owner — Pacific States Savings & Loan Co., 745 Market St.
Builder—Charles O. Jones, 3624 California St.
Architect—Not Given. $7,000
(Application No 84857)

1-STORY FRAME DWELLINGS (4)
N. PRAGUE 94, 134, 168, 201 W. CURTIS.
Owner and Builder—Peninsula Building Co., 2000 Evans Ave.
Architect—Not Given. $4850 each
(Application Nos 84858 to 61)

ALTER CAFETERIA
673 GEARY STREET.
Owner—Kay S. Jue, 842 Washington.
Builder—Day Work.
Architect—Not Given. $3,500
(Application No 84865)

ALTER THEATER
745 CLEMENT STREET.
Owner—Coliseum Theater, premises.
Builder—G. P. W. Jensen & Sons, Inc., 320 Market St.
Architect—Not Given. $3,000
(Application No 84866)

ALTER STORES
2748 MISSION STREET.
Owner—Mode O'Day, premises.
Builder—G. P. W. Jensen & Sons, Inc., 320 Market St.
Architect—Not Given. $2,000
(Application No 84867)

Building Permits, $1,000 and Under, Applied For

SAN FRANCISCO COUNTY

ALTER INDUSTRIAL BUILDING, $800; 70 Otis St; owner, Brazell & Deutsch, prem; builder, A M Hardy, 736 Clementina.

ALTER 1-FAMILY DWELLING, $700; 3903 Sacramento; owner and builder, Vernon Greenwood, 1225 Capitol Ave.

CONCRETE WALL, $400; 375 E Phelps on Innes; owner, A Zanetti, 1701 Kirkwood; builder, Wellnitz & De Narde, 316 6th St.

ELECTRIC SIGN, $250; 546 Howard St; owner, Larry Barrett Tire Co, prem; builder, Electrical Products Corp, 910 Harrison.

ELECTRIC SIGN, $100; 815 Ulloa St; owner, Fred Bacci, prem; builder, QRS Neon Co, 690 Potrero Ave.

Building Permits, $1,000 and Over, Applied For

ALAMEDA COUNTY

DWELLING
1166 GRIZZLY PEAK, BERKELEY.
Owner—A Cartini, 926 Modoc.
Contractor—A Garnero, 2505 Panhandle, Richmond.
Plans by E W Burgett. $25,000

MARKET
3201 SHATTUCK AVE, BERKELEY.
Owner and Builder—R Perrott, 2011 Yolo.
Plans by Phil Coosh. $12,000

DWELLING
1265 MONTEREY, BERKELEY.
Owner and Builder—Eddie Neff, 1798 University Ave.
Architect—I M Johnson. $10,000

DWELLING, 1-STORY 5-ROOM
5946 RINCON DR, OAKLAND.
Owner and Builder—Geo C Connell, 2245 Larkin St, San Francisco.
Architect—Not Given. $10,000

STORE
1220 SAN PABLO AVE, BERKELEY
Owner—Jas Kehriotes, premises.
Contractor—Associated Builders, 625 Macdonald Ave, Richmond.
Plans by L St John. $9,700

REPAIR FIRE DAMAGE
372-76 GRAND AVE, OAKLAND.
Owner—Ed Larmer, premises.
Contractor — Beckett and Federighi, 1441 Franklin Street.
Architect—Not Given. $7,200

ALTERATIONS
2523 BROADWAY, OAKLAND.
Owner—Mrs Maude Kelly, Napa.
Contractor—Shale Ortzow, 1511 Jackson Street.
Architect—Not Given. $5,000

ALTERATIONS TO APTS
514-16-18-20 PINE Street, OAKLAND
Owner—Dollie O'Keith, 518 Pine St.
Contractor—Reece & Pete, 943 Center Street.
Architect—Not Given. $5,000

ALTERATIONS
1724 SEVENTH ST, OAKLAND.
Owner—H Villa, premises.
Contractor—Federal Mod & Bldg Co, 608 16th Street.
Architect—Not Given. $2,000

CONCRETE cleaning plant, 1-story
1501 CENTER ST, OAKLAND.
Owner and Contractor—Harvey Williams, 1707 Ward St, Berkeley.
Architect—Not Given. $2,000

PERMITS UNDER $1,000

ALAMEDA COUNTY

BERKELEY

ALTERATIONS, $650; 2315-17 McGee; owner and builder, Milton D Nichols, 2315 McGee.

ROOF, $545; 1817 Bancroft; owner, T Murray, 1817 Bancroft; builder, Edwards Gutter Service, 2342 Grant

GARAGE, $500; 3005 Hillegass; owner and builder, D F Owens, 3005 Hillegass.

ADDITION, $300; 1106 Oxford; owner and builder, R Homer Wright, 1106 Oxford.

ROOF, $213; 1608 Bonita; owner, J Cook, 1608 Bonita; builder, Elliott & Elliott, 2109 San Pablo.

ROOF, $210; 1328 Parker; owner, C Bawer, 1328 Parker; builder, Elliott & Elliott, 2109 San Pablo.

ROOF, $150; 902 Page; owner, H Newell, 902 Page; builder, Dillon Roofing Co, 5212 San Pablo.

ALTERATIONS, $125; 1865 Solano; owner, R H Witherspoon, 1865 Solano; builder, L C Dawe, 505 Coventry Rd.

STOREROOM, $100; 1890 Alcatraz; owner, Pierce; builder, Gutscron & Worford, 1890 Alcatraz.

REPAIRS, $75; 2831 Park; owner, P J Washington, 2831 Park; builder, Dillon Roofing, 5212 San Pablo.

OAKLAND

REPAIRS, $500; 1326 E 23rd St; owner, Lew Chew, 1326 E 23rd St; builder, J H Fitzmaurice, 2857 Hannah St.

ADDITION, $425; 4021 Foothill Blvd; owner and builder, Arthur W Kerr, 2709 35th Ave.

ALTERATIONS, $200; 695 Fairmont Ave; owner, H H Weelson, 695 Fairmont Ave; builder, L C Dawe, 505 Coventry Rd, Berkeley.

ALTERATIONS, $200; 3607 Bruce St; owner and builder, Wm Esmond, 3513 Randolf St.

ALTERATIONS, $200; 1501 Center St; owner and builder, Harvcey Williams, 1707 Ward St, Berkeley.

PALO ALTO

RESIDENCE and garage, $12,500; 701 Garland Drive; owner, E W and H Van Buskirk; contractor, Coastwise Constr Co.

RESIDENCE and garage, $11,750; 2311 Middlefield Road; owners, E W and H Van Buskirk; contractor, Coastwise Constr Co .

RESIDENCE and garage, $10,750; 2303 Middlefield Road; owners, E W and H Van Buskirk; contractor, Coastwise Constr Co; plans by W L Heald.

RESIDENCE and garage, $9,500; 750 Oregon Ave; owner, G R Smith, 116 Waverley St.

ALTER apt, $1500; 335 Everett Ave; owners, Carl Schauer and L B Freese.

ALTER busines bldg, $1500; 367 University Ave; owner, K M McClinton, Bronxville, N Y; contractor, Douglas & Stevens, Menlo Park.

GARAGE addition, $150; 1861 Fulton St; owner. R P Fregulia.

SAN JOSE

ADDN to school, $2500; 1051 W San Fernando St; owner and builder, St Leo's.

RESIDENCE, $6000; 2041 Glen Una; owner and builder, R M Curl.

DUPLEX, $8500; 758-760 S 11th St; owner and builder, John D Beeman & Son.

ALTER business bldg, $8000; 84 W Santa Clara St; owner, L Hart & Son; contractor, W M Caldwell.

Building Permits, $500.00 and Over, Issued by the Board of Public Works

SAN FRANCISCO COUNTY

DECEMBER 28, 1945

NW corner 41st Ave and Ulloa St. 1-story frame building. Cost, $5900. Owner, Atlas Realty Co.

259 Post St. Alter store. Cost, $64,-802. Owner, Hobart Estate Co.

16 5th Ave. Alter dwelling. Cost, $950. Owner, Dr R Ashley.

74-78 West Portal Ave. Alter building. Cost, $500. Owner, Myrl R Crane.

SE corner 43rd Ave and Taraval, E line 43rd Ave 25, 50, 75 S of Taraval. 2-story frame dwelling (4). Cost, $9200 each. Owner—Atlas Realty Co.

E line of 43rd Ave 225, 250, 275, 300, 325, 350 S Santiago St. 1-story frame dwellings (6). Cost, $5900 each. Owner Atlas Realty Co.

N side of Ulloa St 57.6 W 30th Ave. 1-story frame dwelling. Cost, $6800. Owner, A Nelson.

N Randolph 100 W Vernon. 2-story frame dwelling. Cost, $10,000. Owner, A Nelson.

472 3rd St. Alter dwelling. Cost, $800. Owner, Geo Jameson.

8021 Geary Blvd. Alter dwelling. Cost, $1500. Owner, E A Lobree.

115 Valencia St. Alter auditorium. Cost, $20,000. Owner, Salvation Army.

764 Market St. Alter store. Cost, $20,000. Owner, Peggy Shoppe.

620 Market St. Alter office building. Cost, $5000. Owner, Crocker Estate Co.

Furnace Permits

OAKLAND

4360 Everett; owner, Kelleim; dealer, Holland Co; floor furnace.

1941 81st Ave; owner, Travers; dealer, C L Martin; floor furnace.

1233 9th Ave; owner, Oliver; dealer, Miller; floor furnace.

3236 Bona; owner, Fuller; dealer, Bay Cities Heating Co; floor furnace.

2552 Truman; owner, King; dealer, R Roeber; floor furnace.

841 Parkway; owner, Chrisholm; dealer, Gernhardt-Strohmaier; floor furnace.

9327 B St; owner, Silva; dealer, M G Henry; floor furnace.

10733 Pippin; owner, Haynes; dealer, M G Henry; floor furnace.

1502 79th Ave; owner, Kitko; dealer, Holland Co; floor furnace.

705 Peterson St; owner, Freitas; dealer, Holland Co; floor furnace.

2634 Short; owner, Rita Byron; dealer, ...; floor furnace.

491 63rd St; owner, J Sparks; dealer, ...; floor furnace.

1715 Fruitvale Ave; owner, Vaughorn; dealer, O C Wood; floor furnace.

3635 Quigley Ave; owner, Nicholson; dealer, E M Maloney; floor furnace.

3419 Loma Vista; owner, Burley; dealer, E M Maloney; floor furnace.

Completion Notices

SAN FRANCISCO COUNTY

Recorded Accepted

Dec. 28, 1945—Alteration of building, 1376 Clayton. James G Baillie to same..................Dec. 28, 1945

Dec. 28, 1945—Alteration of building, 172 25th Ave. Arthur Marwedel to J H Netherton.Dec. 28, 1945

..............—55 Geary. Southern Pacific Co to W G Thompson....Dec. 26, 1945

Dec. 28, 1945—1738 21st Ave. Donald and Dorothy Midyett to A Berwick..............................Dec. 28, 1945

ALAMEDA COUNTY

Recorded Accepted

Dec 28, 1945—LOTS 26 and 27 Blk 39, Beverly Terr, Oakland. Theodore P Walker to whom it may concern..................December 21, 1945

Non-Responsibility

SAN FRANCISCO COUNTY

Dec. 27, 1945—W 25th Ave 75 S Lawton S 25 x W 90. Veterans Welfare Board as to improvements on property.

Electrical Permits

SAN FRANCISCO COUNTY

7075 141 New Montgomery; owner, Photo & Sound; contractor, Dowd-Seid Electric; alterations.

7076 2570 19th Ave; owner, Fred J Early; contractor, Dowd-Seid; ....

7077 261 California; owner, Vincent; contractor, Eureka Electric Co; alterations.

7078 1214 La Playa; owner, Shinn's Bike Shack; contractor, Grandi Electric; 14 outlets; 6 switches; 4 plugs; service.

7079 5953 Geary Blvd; owner, Glass Store; contractor, Grandi Electric; 1 outlets; 2 switches; 3 plugs; motors.

7080 611 Mission; owner, Koret of California; contractor, Grandi Electric; service.

7081-84 1726-30-34-38 46th Ave; owner, O'Reilly; contractor, Grandi Electric; 11 outlets; 12 switches; 15 plugs; service.

7085-86 4208-14 Irving; owner, B Lewis; contractor, Grandi Electric; 10 outlets; 12 switches; 16 plugs; service.

7087 2554 38th Ave; owner, B Lewis; contractor, Grandi Electric; 10 outlets; 12 switches; 16 plugs; service.

7088-93 Various locations and owners; contractor, Brumfield Electric Sign Co; signs.

7094 52 White St; owner, J McAndrews; contractor, Metropolitan Electric; 1 outlets; 1 switch; 6 plugs.

7095 2272 Mission; owner, Pacific Tel & Tel Co; contractor, L Ray Moser; 20 outlets; 10 switches; 15 plugs.

7096 130 Battery; owner, McVey & Hoffman; contractor, MacCabe Electric; 3 plugs; service.

7097 1335 Webster; owner, Ada Henderson; contractor, Neon Sign Service Co; sign.

7098 530 Mission; owner, J M Dye Co; contractor, Ace Electric Co; 5 outlets.

7099 2416 Chestnut; owner, Christensen; contractor, Industrial Marine Electric & Eng; 6 plugs.

7100 444 Broadway; owner, ...; contractor, G Vaccarino; ....

7101 1957 Beach; owner, V Damzza; contractor, G Vaccarino; ....

7102 W Powell 100 N Geary; owner, St Francis Hotel; contractor, Marelco, Inc; sign.

7103 15 Bronte; owner, ...; contractor, Geo Wilson; 2 outlets; 2 switches; 4 plugs.

7104 16 Desmond; owner, La Rosa; contractor, Rodiack Electric Const Co; 2 outlets; 2 switches; 2 plugs.

7105 135 Clay; owner, Germain Seed Co; contractor, Quality Electric; 2 switches; service; motors.

7106 767 Market; owner, Chinn Employment Co; contractor, Quality Electric; 2 outlets; 1 switch.

7107 1919 16th St; owner and contractor, California School of Mechanical Arts; ....

7108 300 Precita; owner, Folsom Club; contractor, Central Electric Co; 1 plug.

7109 460 Market Street; owner, St Francis Investment Co; contractor, Smith Electric; 16 plugs; service.

7110-12 438-30-22 Melrose; owner, Meyer Constr Co; contractor, E A Koenig; 10 outlets; 11 switches; 14 plugs.

7113 2265 Post St; owner, Richfield Sta; contractor, West Coast Adv Co; sign.

7114 W 35th Ave 175 S Rivera; owner, G E Carlson; contractor, Strom & Smith; ....

7115 SE Cor Ortega St and 15th Ave; owner, Doelger; contractor, Richmond Electric; service.

7116 375 Roosevelt Way; owner, Cruz; contractor, Richmond Electric Co; 16 outlets; 16 switches; service; 16 plugs.

7117 333 Turk St; owner, City Transfer; contractor, Globe Electric Works; service; motors.

7118 280 14th St; owner, Market St Van & Storage; contractor, Globe Electric Works; 4 outlets; 1 switch; 1 plug; service.

7119 992 Howard St; owner, Modern Barber College; contractor, Byington Elec; 8 plugs.

7120 445 Sutter St; owner, P G & E; contractor, Byington Elec; alterations.

7121 1285 Folsom Street; owner, Maundrell and Bowen; contractor, Manning & Whitaker; ....

7122 1242 Howard Street; owner, Franks; contractor Manning & Whitaker; ....

7123 214 Twin Peaks Blvd; owner, Johnson; contractor, Crown Electric Co; 1 outlet; 1 switch; 3 plugs.

7124 246 Mission St; owner, Sweet Co; contractor, Crown Electric Co; 6 plugs; motors.

7125 570 Union St; owner, Golden Gate Nursery; contractor, Crown El; 1 plug.

7126 1540 Bush St; owner, Jas F Waters Co; contractor, Edw V Scott Electric Co; ....

7127-36 2027-31-35-39.43,47,51-55-59-63 31st Ave; owner, Lindsay; contractor, Adams Electric Co; 10 outlets; 10 switches; 13 plugs; service.

7137 1678 38th Ave; owner, Superior Bldg Co; contractor, Adams Electric Co; 10 outlets; 10 switches; 13 plugs; service.

7138 298 O'Farrell St; owner, Virginia Drug Co; contractor, American Elec Constr Co; ....

7139 807 Geary St; owner, Marie Harper; contractor, Eureka Electric; 10 plugs.

7140 768 Market; owner, Peggy Shop; contractor, W B Baker & Co; ....

7141 411 O'Farrell St; owner, Columbia Hotel; contractor, W B Baker & Co; 16 outlets; 16 switches.

BERKELEY

89 1315 Henry; owner, Bewders; contractor, Rochester Elec; 5 fixtures.

90 2657 9th St; owner, ...; contractor, Rochester Elec; 8 outlets; 2 switches; 8 fixtures; 3 plugs; two motors; 4 circuits.

91 1410 Bonita; owner, ...; contractor, Rochester Elec; 2 outlets; 2 switches; 2 fixtures; 4 plugs; 1 ckt.

92 3200 Adeline; owner, R Turchet; contractor, California Elec; 18 outlets; 14 plugs.

93 2390 Eunice; owner, L A Ward contractor, Roberts Lighting; 2 outlets; 1 switch; 2 fixtures; 2 plugs.

94 2418 6th St; owner, F Leader; contractor, California Elec; 9 outlets; 9 fixtures; 2 plugs.

95 2635 Hillegass; owner, G F Rogers; contractor, College Elenue Elec; 14 outlets; 11 switches; 17 pl; 13 circuits.

96 814 Euclid; owner, Bale; contractor, College Eve Electric; 13 outlets; 9 switches; 8 plugs; 2 circuits.

97 2714 Prince; owner, ...; contractor, College Ave Elec; 10 plugs.

98 1950 Shattuck; owner, Goodrich Tire; contractor, Clifford Elec; 28 outlets; 6 switches; 3 fixtures; 14 plugs; 8 circuits.

99 1309 67th St; owner, S Gould; contractor, Clifford Elec; 4 plugs.

400 2082 Center; leasee, J R Brinier; contractor, C R Langlais; 2 pl.

OAKLAND

34376 295 Jayne; owner, Kirkman & Hanna; contractor, Collins Electric Co; outlets; switches; fixtures; plugs.

34377 976 23rd Ave; owner, Randi Metal Works; contractor, Clifford Electric Co; motors.

34378 736 52nd St; owner, Rayman; contractor, Paramount Electric Co; fixtures; alterations.

34379 2124 Livingston; owner, P & R Foundry; contractor, C A Langlais; outlets; switches.

34380 6127 E 14th St; owner, Ferrier; contractor, Broadmoor Electric; 1 outlet.

34381 6101 E 14th St; owner, Rivera; contractor, Broadmoor Electric Co; 4 outlets; 1 switch; 3 fixtures; 4 plugs.

34382 1310 96th Ave; owner, Silva; contractor, Broadmoor Electric Co; service.

34383 rear of 97 Monte Cresta; owner, Johnson; contractor, Baylis Lighting Fixture Co; 6 fixtures.

34384 749 77th Ave; owner, Robinson; contractor, Davis Electric Co; outlets; switches; fixtures; plugs.

34385 510 17th St; owner, Curtola; contractor, Ets-Hokin & Galvan; alterations.

34386 1700 Franklin St; owner, Glaysher; contractor, Neon Maintenance Corp; sign.

34387 Grove St Pier, Port of Oakland; owner, City of Oakland; contractor, Electrical Products Corp; sign.

34389 1405 Franklin St; owner, Clark's; contractor, Electrical Products Corp; sign.

34390 1405 Franklin St; owner, Clark's; contractor, Electrical Products Corp; sign.

34391 2021 84th Ave; owner, Vest; contractor, Clifford Electric Co; outlets; switches; fixtures; plugs.

34392 555 63rd St; owner, Fred Early; contractor, Scott - Buttner Electric; fire repairs.

34393 420 Broadway; owner, Alameda County; contractor, Scott-Buttner Electric; 17 plugs.

34394 1226 Franklin St; owner, Farmers & Merchants Bank; contractor, Scott-Buttner Electric; 21 fixtures.

34395 7574 Mountain Blvd; owner, Graham; contractor, Flagler Electric Co; 2 outlets; 2 fixtures; 1 plug.

34396 3401 Ardley; owner, Conrad; contractor, Flagler Electric; alterations.

34397 2564 Montana; owner, Smith; contractor, James Anderson; 23 fixtures.

34398 9248 E 14th St; owner, People's Furniture Co; contractor, Del Monte Electric Co; 40 outlets; 10 switches; 20 fixtures.

34399 2525 Parker; owner, Cenucci; contractor, Collins Electric; service.

34400 6001 Foothill Blvd; owner, Signal Oil Co; contractor, Shea Electric Co; 2 switches; 1 motor.

34401 23rd Ave and E 12th St; owner, Signal Oil Co; contractor, Shea Electric Co; 1 fixture.

34402 594 7th St; owner, Ray; contractor, Shea Electric Co; fixtures.

34403 730 Myrtle St; owner, Market Laundry; contractor, T L Rosenberg Co; motors.

34404 417 6th St; owner, Cochran & Ceili; contractor, T L Rosenberg; motors.

34405 Top of 106th Ave; owner, H Matthews; contractor, R F Long Co; 10 outlets; 10 switches; 10 fixtures; 15 plugs.

34406 7970 Crest Ave; owner, Cosca contractor, P A Jones; 12 outlets; 8 switches; 12 fixtures; 12 plugs.

34407 1550 7th St; owner, California Rfg Co; contractor, T C Moody; 10 fixtures.

34408 1504 Adeline St; owner, Terreil; contractor, T C Moody; 7 outlets; 2 switches; 7 fixtures.

34409 1036 34th Ave; owner, Tralor; contractor, T C Moody; 12 outlets; 5 switches; 12 fixtures; 4 plugs.

34410 3725 Loma Vista; owner, Strew; contractor, Special Owner; 11 outlets; 7 switches; 11 fixtures; 13 plugs.

34411 306 13th St; owner, Town Craft Tailors; contractor, Paramount Electric Co; alterations.

34412 2260 San Pablo Ave; owner, 23 Club; contractor, Spott Electrical Co; 3 plugs.

34413 1748 7th St; owner, Slim Jenkins; contractor, Spott Electrical Co; plugs.

34414 4017 E 12th St; owner, Johnson; contractor, Dimond Elec Co; motor for welders.

34415 2705 Abbey; owner, Spohm; contractor, Collins Electric Co; outlets; switches; fixtures; plugs.

34416 50 Everill Pl; owner, Sigge; contractor, Collins Electric Co; outlets; switches; fixtures; plugs.

34417 1541 7th St; owner, Welsh & Sons; contractor, Roberts Lighting Fixture Co; service.

34418 1351 8th St; owner, Lee; contractor, C A Langlais; 2 fixtures.

34419 5225 College Ave; owner, Uptown Market; contractor, C A Langlais; 8 fixtures.

34420 5433 E 14th St; owner, Melrose Market; contractor, C A Langlais; 2 fixtures.

34421 5512 Grove St; owner, Kennedy; contractor, Spott Electric Co; outlets; switches.

34422 19th and Broadway; owner, Mohrdick Elec Co; contractor, Spott Elec Co; fixtures.

34423 16th and Telegraph; owner, Latham Square Bldg; contractor, Spott Elec Co; outlets; switches.

34424 2312 Broadway; owner, Delta Equipment Agency; contractor, Spott Electric Co; outlets; switches.

34425 415 4th St; owner, Ballard; contractor, Spott Elec Co; outlets.

34426 576 22nd St; owner and contractor, Spott Electric Co; 1 outlet; fixtures.

34427 1301 Washington St; owner, Grayson; contractor, Spott Electric Co; fixtures.

34428 915 Broadway; owner, Terman's; contractor, T L Rosenberg Co; fixtures; alterations.

34429 3536 Grove St; owner, Aetna Refrigeration Co; contractor, T L Rosenberg Co; alterations.

Classified Advertising

WANTED

ARCHITECTURAL DRAFTSMAN wanted. Experienced. Conrich, 593 Market St., Room 226. SU. 6315 or SK. 8875. to Jan. 15, 1946

MAN WANTED IMMEDIATELY who can type and has some knowledge of bookkeeping. Experience not essential if trained. Phone Mr. Elrod, De Luca & Son, ORdway 3600.
Jan. 2-4-5, '46

Engineering Section

25—MACHINERY AND EQUIPMENT

January 2, 1946

BIDS WANTED

SEATTLE, Kings Co., Wash.—Until January 10, 10 A. M., bids will be received by the Seattle Board of Public Works, 509 County-City Bldg., Seattle, Wash., for replacing a portion of the existing Cedar Falls wood stave penstock No. 5 with a 78-in. electrically welded steel penstock. The work includes 2541 ft. of 78-in. electrically welded steel penstock, 500 cu. yds. concrete and 11,500 lbs. of reinforcing steel, to be used between masonry dam and Cedar Falls. The sum of $300,000 has been appropriated for the project.

Plans and specifications obtainable from the office of the City Light, Room 249 County-City Bldg., Seattle, Wash. Bidder's bond, cash, or a certified check payable ot the city comptroller of Seattle for 5% of the bid required. 25

23— CANALS

TO ASK BIDS

CENTRAL VALLEY PROJECT, Friant, Calif.—The Bureau of Reclamation, Denver, Colo., expects to issue a call for bids within two weeks for the construction of an additional 16 miles of the Friant-Kern canal, Central Valley Project, Friant, Calif. The new work will extend construction to a point 25.5 miles south of Friant dam. Calls for bids on additional work are expected by April 15, which will extend the work to a point 15 miles south of Kings River. Approximately $12,000,000 is available to finance construction.

Total length of the canal will be 160 miles, extending from Friant Dam to Kern River, about 5 miles west of Bakersfield. Total cost of the entire project is estimated at $37,000,000.

As previously reported, Peter Kiewit Sons Co., 650 S. Grand Ave., Room 505, Los Angeles, and 442 Post St., San Francisco, was awarded a contract for the first unit of this project August 1 at $1,163,340, involving 5.5 miles of canal construction. • 23

January 2, 1946

FUNDS ALLOTTED

RENO, Washoe Co., Nev.—Mayor H. E. Stewart of Reno has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $15,000 will be furnished to the city for the purpose of assisting in the preparation of plans for irrigation facilities. The plans for these facilities can now be completed and all arrangements made for construction.

The preliminary draft outlines combining capacity of present ditches into higher ditch to power plant, then discharging tailrace into ditches beyond city for irrigating purposes, extending ditches, backfilling present ditches to be abandoned and conduits required. The estimated cost of the facilities will be $415,000, to be furnished from available cash, tax receipts and general obligation bonds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when construction begins.

H. E. Devereaux, located at Berkeley, Calif., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Nevada, and E. C. Frisch, city engineer of Reno, will make the final plans for the irrigation facilities. • 23

29— STREETS AND HIGHWAYS

January 2, 1946

CONTRACT AWARDED

COCONINO COUNTY, Arizona.—J. E. Skousen, 243 W. 1st Ave., Mesa, Ariz., at $216,829.20, awarded contract by the Public Works Administration, 393 W. Jefferson St., Phoenix, Ariz., December 19, for the construction of Project Arizona FH 3-1, Flagstaff-Clints Well, Coconino National Forest, Coconino County, Arizona, a total distance of 6.232 miles. 29

January 2, 1946

BIDS WANTED

SAN FRANCISCO.—As previously reported, until January 9, 2:30 P. M., bids will be received by the Department of Public Works, Room 282 City Hall, for improvement of Rivera St., between 42nd and 43rd Aves., including crossing of Rivera St. and 42nd Ave.

Plans and specifications obtainable from the office of City Engineer Ralph Wadsworth, City Hall, upon deposit of $10.

The work involves:

(1) 120 cu. yds. grading (excavation);
(2) 3400 cu. yds. grading (fill);
(3) 310 lin. ft. 12-in. vitrified clay pipe sewer;
(4) 40 lin. ft. 8-in. vitrified clay pipe sewer;
(5) 110 lin. ft. 10-in. vitrified clay pipe culvert;
(6) 1 each brick manhole complete;
(7) 3 each brick catchbasins complete;
(8) 9 each 12x6-in. vitrified clay pipe wye branches;
(9) 225 lin. ft. 6-in. vitrified clay pipe side sewers;
(10) 575 lin. ft. unarmored concrete curb;
(11) 16,900 sq. ft. asphaltic concrete pavement;
(12) 660 sq. ft. two-course concrete sidewalk;
(13) 4 each water services, short at $8.50;
(14) 5 each water services, long, at $21.30;
(15) lump sum, water main, $538.10. • 29

January 2, 1946

BIDS WANTED

SAN FRANCISCO.—As previously reported, until January 9, 2:30 P. M., bids will be received by the Department of Public Works, Room 282 City Hall, under Spec. No. 20033 for improvement of 36th Ave. (west one-half) between Noriega and Ortega Sts.

Plans and specifications obtainable from the office of City Engineer Ralph Wadsworth, City Hall, upon deposit of $10.

The work involves:

(1) 11,860 sq. ft. asphaltic concrete on rock subbase pavement, consisting of 6-in. compacted rock subbase, a 4-in. asphaltic concrete base and 2-in. asphaltic concrete wearing surface;
(2) 593 lin. ft. unarmored concrete curbs;
(3) 40 lin. ft. 6-in. vitrified clay pipe side sewers. • 29

January 2, 1946

BOND ELECTION

LIVERMORE, Alameda Co., Calif. —City of Livermore will vote January 29 on a proposal to issue bonds in the amount of $35,000 to finance street improvements and purchase of equipment. Plans by City Engineer C. G. Clarke. 29

January 2, 1946

CONTRACT AWARDED

NAVAJO COUNTY, Arizona.—W. J. Henson Construction Co., 115 S. Granite, Prescott, Ariz., at $474,734.43, awarded a contract by the Arizona State Highway Commission, 1739 W. Jackson St., Phoenix, Ariz., December 21, for construction of the Showlow-Holbrook Highway, Navajo County, Arizona. The work, which begins approximately 2.5 miles north of the Town of Snowflake and extends northerly about 13 miles to a point about 13 miles south of Holbrook, consists of grading, draining, base material and plant mix bituminous surface (SC-6); completion date, on or before September 30, 1946. Bids were received December 7. 29

January 2, 1946

CONTRACT AWARDED

SAN FRANCISCO.—Chas. L. Harney, 625 Market St., San Francisco, at $20,875.70, awarded contract by the Department of Public Works, Room 282 City Hall, for improvement of 28th Ave. between Pacheco and Quintara Aves. • 29

30—RESERVOIRS & DAMS

January 2, 1946

PLANNED

OROVILLE, Butte Co., Calif.—The Oroville - Wyandotte Irrigation District, H. Marlow, secretary, Box 308, Oroville, plans construction of $100,-000 dam on Wyandotte Creek. 30

January 2, 1946

BIDS WANTED

GLENDALE, Los Angeles Co., Calif.—Until January 24, 10 A. M., bids will be received by the City Council of the City of Glendale, office of the city clerk, City Hall, Glendale, for the construction of a reinforced concrete reservoir, known as Melwood 968. The reservoir will be 100x120 ft. in area, 22 ft. vertical walls, 8-in. concrete flooring, flat slab roof to be backfilled with 2 ft. of dirt upon completion, columns 20 ft. on centers both ways. The work also includes construction of a reinforced concrete pumphouse, 20x30 ft. in area, and 600 ft. of 3-in. asphaltic concrete highway with class A curbs on both sides. The city will furnish sand, rock and cement. Plans and specifications are available from the Public Service Department, care of Engineer W. C. Reisner, Public Service Bldg., 120 N. Howard, Glendale, on deposit of $15.

The work involves:

(1) 2000 yds. concrete;
(2) 24,000 yds. excavation;
(3) 4000 yds. backfill. 30

January 2, 1946

BIDS WANTED

GLENDALE, Los Angeles Co., Calif.—Until January 24, 10 A. M., bids will be received by the City County of the City of Glendale, office of the city clerk, City Hall, Glendale, for the construction of a reinforced concrete reservoir known as Rossmoyne 1290. The reservoir will be 200x200 ft. in area, with a 27-ft. vertical wall, water to a depth of 25 ft., and will have columns 20 ft. on centers both ways, 8-in. reinforced concrete flooring, flat slab roof, backfilled with 2 ft. of dirt after completion. The city will furnish sand, rock and cement. Plans and specifications available from the Public Service Department, Public Service Bldg., 120 N. Howard, Glendale, upon deposit of $15. W. C. Risner is engineer.

The work involves:

(1) 4600 yds. concrete;
(2) 105,000 yds. excavation;
(3) 6000 yds. backfill. 30

32— SEWERS & SEWAGE DISPOSAL PLANTS

January 2, 1946

FEDERAL FUNDS ALLOTTED

LOS GATOS, Santa Clara Co., Calif.—Mayor Cecil Spotswood of Los Gatos has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $5850 will be furnished to the city for the purpose of assisting in the preparation of plans for municipal improvements. The plans for these improvements can now be completed and all arrangements made for construction.

The preliminary drafts outline a new electrolier system on S. Main St. and Santa Cruz Ave., with approximately 90 electroliers; and storm water drainage improvements to consist of ditches, culverts, pipe drains, bridges, retaining walls and all necessary special structures and appurtenances. The estimated cost of these improvements will be $123,000, to be furnished from general obligation bonds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when construction begins.

Harrison E. Devereaux, located at Berkeley, is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Northern California, and L. Cedric Macabee, 156 University Ave., Palo Alto, is the engineer for the City of Los Gatos to make the final plans for these facilities. • 32

January 2, 1946

PLANNED

SAN DIEGO, Calif. — Fred A. Rhodes, city manager, Civic Center, San Diego, has announced plans for the construction of a trunk sewer in Mission Valley for which a call for bids will be issued within 45 days. The project will be partly financed from 1941 sewer bond funds and the remainder from available capital outlay funds; estimated cost, $400,000. 32

January 2, 1946

PREPARING PLANS

SONOMA COUNTY, Calif. — Consulting Engineer Charles H. Lee, 58 Sutter St., San Francisco, is preparing final plans for construction of the sewer facilities for unincorporated congested areas within the county for the County of Sonoma, Courthouse, Santa Rosa • 32

33— WATERWORKS

January 2, 1946

PREPARING PLANS

PITTSBURG, Contra Costa Co., Calif.—Clyde C. Kennedy, consulting engineer, 604 Mission St., San Francisco, is preparing preliminary plans for a $500,000 water filtration plant, with probable capacity of 6,000,000 gallons daily, for the City of Pittsburg, E. L. O'Hara, city manager, City Hall, Pittsburg. • 33

Machinery & Material

SAN FRANCISCO CITY

SAN FRANCISCO.—Until January 11, 3 P. M., bids will be received by M. H. Gerry, Purchaser of Supplies, 270 City Hall, under Bid No. 3447 for furnishing and delivering teletype equipment for the Department of Electricity.

Specifications obtainable from the above office. •

SAN FRANCISCO.—Until January 11, 3 P. M., bids will be received by M. H. Gerry, Purchaser of Supplies, 270 City Hall, under Bid No. 3448 for furnishing and delivering brake blocks for the Municipal Railway.

Specifications obtainable from the above office. •

SAN FRANCISCO.—Until January 11, 3 P. M., bids will be received by M. H. Gerry, Purchaser of Supplies, 270 City Hall, under Bid No. 3449 for furnishing and delivering 5000 ¼-in. x 7-in. x 9-in. black steel shims for the Municipal Railway.

Specifications obtainable from the above office. /

Prospective Bidders

Alter Hotel Drake-Wilshire, San Francisco, Calif.

BIDS: Walter M. Ballard Corp., Hobart Bldg., San Francisco, for John B. Quigley, January 5, 2 P. M.

Dinwiddie Construction Co., Inc., 210 Crocker Bldg., San Francisco.

Swinerton & Walberg Co., 225 Bush St., San Francisco.

Howes & Whitaker, 626 Russ Bldg., San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco. •

Hayward Union High School Building, Hayward, Calif.

BIDS: Hayward Union High School District, Foothill Blvd., Hayward, January 8, 5 P. M. Plans prepared by Architects Dragon & Schmidts, 2068 Allston Way, Berkeley.

H. W. Suttle, 1345 B St., Hayward.

George Petersen & Son, 1841 Bancroft Ave., San Leandro.

M. J. King, Inc., 231 Franklin St., San Francisco.

Close & Lewis, 721 C St., Hayward.

Arthur Holyoake, 2839 East Ave., Hayward.

Empire Construction Co., 344 Harriet St., San Francisco.

William M. Greuner Jr., 2727 Parker St., Berkeley. •

Addition to Edgemont School, San Bruno, Calif.

BIDS: San Bruno Elementary School District, January 11, 8 P. M. Plans prepared by Architects Masten & Hurd, 407 Sansome St., San Francisco.

Moore & Roberts, 693 Mission St., San Francisco.

Peter Sartorio, 262 Clementina St., San Francisco.

Carrico & Gautier, 365 Ocean Ave., San Francisco.

S. J. Amoroso Construction Co., 2136 Alemany Blvd., San Francisco.

M. A. Little, 1 Grand View Ave., San Francisco.

Midstate Construction Co., 1299 Bush St., San Francisco.

Richard Delucchi & Co., 490 San Mateo Ave., San Bruno.

Alter Store Building, Cor. Grant Ave. and Maiden Lane, San Francisco

BIDS: Architect William G. Merchant, 57 Post St., San Francisco, January 11, 3 P. M., for Hale Bros.

Doty & Lockwood, 2003 E. 14th St., Oakland.

Cosca & Marquis Construction Co., 3000 E. 14th St., Oakland.

Empire Construction Co., Russ Bldg., San Francisco. •

Water Pipeline Crossing, Camp John T. Knight, Oakland, Calif.

BIDS: U. S. Engineer Office, 74 New Montgomery St., San Francisco; Spec. No. 2335; January 2, 2 P. M.

E. T. Haas Co., P. O. Box 411, San Mateo.

A. J. Peters & Son, 410 N. Tenth St., San Jose.

Peter Sorensen, 927 Arguello St., Redwood City.

Underground Constr. Co., 70th Ave. and San Leandro Blvd., Oakland.

Central California Constr. Co., 116 Erie St., San Francisco.

Pacific Pipeline Constr. Co., 2128 San Pablo Ave., El Cerrito. • •

Porch Sprinkler Protection, Dibble General Hospital, San Mateo County, Calif.

BIDS: U. S. Engineer Office, 74 New Montgomery St., San Francisco; Spec. No. 2387; January 2, 2 P. M.

Grinnell Co. of the Pacific, 601 Brannan St., San Francisco.

Herman Lawson Co., 465 Tehama St., San Francisco.

M & K Corp., 200 Financial Center Bldg., San Francisco.

Viking Automatic Sprinkler Co., 216 Pine St., San Francisco. • •

FLOURESCENT VARIATIONS

(Continued from Page One)

the life is 4000 hours; for 3 hours per start, the life is 2500 hours. The efficiencies in per cent of initial lumens per watt when the lamp reaches 70 per cent of its rated life are 70, 76, and 84 per cent under the three conditions above.

Fluorescent lamps decline about 15 per cent in efficiency during the first hundred hours and then at a much slower rate for the remainder of the lamp life. This initial decline has been a matter of much concern and some mystery to lamp engineers. Various theories have been set forth, such as a sort of poisoning of the phosphors by mercury vapor. Research at the Westinghouse Lamp Laboratories now definitely fixes the blame at another source. It is caused by the low-wave length (mostly 1850A) radiation of the mercury-vapor discharge. This short radiation has a damaging effect on the ability of phosphors to convert invisible to visible light. The cure is still not known but at least knowledge of the cause must precede the cure.

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CALIFORNIA LIBRARY

PLANS and Speculations

Northern California industrial reconversion and expansion plans that have been announced include 68 new plants and 45 factory expansions with expenditures totaling $9,713,000. Among business expansion plans are included the following:

Westinghouse Electric & Manufacting Co. announce plans to manufacture unit type electric heaters in its Emeryville plant.

Dow Chemical Co., Pittsburg, plans to erect additions to its chemical plant.

The General Petroleum Corp. has started construction of a 30,000,000-foot cubic foot gasoline reduction plant at Burrel. It will cost $2,500,000.

Liqua-Zone Co., San Jose, is beginning construction of a $100,000 soap factory.

Berkeley Tool and Die Co., Berkeley, has planned to enlarge its plant. More than 100 persons are now employed at the plant, 70 per cent more than during the war.

oOo

Development of nearly 900 acres of tidelands on Bay Farm Island, ALAMEDA COUNTY, into an industrial area is being planned by the Bay Counties Land Co. The project was revealed by James W. Moore, engineer for the company, when he appeared before the Alameda Planning Board recently. The engineer said the land company had inquiries from two metal manufacturing companies, each for 25 acres or more of land and an inquiry from a printing and paper company. He said arrangements had been made with one of the largest banking institutions on the coast for financing the project.

oOo

Prior to calling for bids for the construction of the new addition to the WALNUT CREEK grammar school, plans for the proposed new classrooms are undergoing revision. This was considered necessary by the trustees in view of the anticipated high bids which would probably exceed the money available for the plans when drawn originally, according to Sheldon Rankin, Principal. The first unit to be constructed will be added space for the primary grades and nine additional classrooms.

oOo

A fund of $27,500, sufficient to furnish the City's share in construction of a new East Side fire house, has been accumulated by the City of SANTA CRUZ, according to Major F. Roy Fulmer.

oOo

Public Works Must Wait For Building Slack

The general picture on public works remains much the same—that is, types of construction which seriously compete with private industry for critical materials will be withheld until there is some slack in the industry.

The federal government, as voiced through the Reconversion Office, wants Congress to provide more money for planning. In this connection, it points out that plans have been prepared for $1.5 billion in public works, including reclamation, flood control, veterans' hospitals, and others, but exclusive of road building.

Early in October the Federal Works Agency, jointly with the Post Office Department, asked Congress to authorize an appropriation of $193,000,000 for federal building projects outside the District of Columbia, and to authorize as well various new structures in or near the District. In this connection a list of more than 4,000 eligible projects in the states and territories was submitted, totaling $774,795,000. The $193,000,000 items are to be selected on the basis of urgency and of equitable distribution throughout the United States.

When the request was made it was explained that the legislation would allow the Public Buildings Administration to purchase sites, to prepare working drawings and specifications and to construct the projects immediately needed. Types of buildings include Public Health Service hospitals, court houses, post offices, office buildings and other structures.

V

AMOROSO MOVES TO NEW QUARTERS

S. J. Amoroso Construction Co. has moved into new offices, yard and warehouse at 2100 Oakdale Avenue. The telephone number is MIssion 1490.

Wire Rope Clamp Has Unusual Features

A brank new wire clamp called CABL-OX has been developed by the Nunn Manufacturing Co., 2125 Dewey Ave., Evanston, Ill., as the answer to the old problem of securing wire rope in its many applications.

This new product is the first step in reconversion to peacetime production by the Nunn Organization. This progressive company made a spectacular record in wartime production of shells and other essential metal products, and won the Army-Navy production award with one star.

The CABL-OX clamp, which was carefully engineered by the company research staff and then tested by leading industrial laboratories, incorporates a new and exclusive wedging action in its component parts. This is the feature of CABL-OX which makes it possible to hold loads in excess of the tensile strength of the rope used. The unit is alloy steel, cadmium plated for weather protection, streamlined for neat appearance and freedom from obstruction. The fact that CABL-OX is easily assembled by unskilled labor and may be readily disassembled for the tightening of stretched lines or other uses, results in important savings of time and money. It is made in all standard sizes from 1/16-inch to 3/4-inch.

Every industry in which wire rope is used for hoisting, hauling, drilling, guying, control cables, etc., will be interested in the absolute security, speed of assembly and economy in use which is possible with CABL-OX wire rope clamps.

Trade announcements are being distributed and a broad advertising program will launch CABL-OX in all markets. Illustrated color folders describing the product are available upon request from the manufacturer.

V

New Plastics Plant To Be Erected By B. F. Goodrich Co.

The B. F. Goodrich Company will construct a new modern plant for the processing of plastics near Marietta, Ohio.

The new plant, to be located on a 66-acre tract of land on the west bank of the Muskingum River, will consist of a main building having a floor area of 112,000 sq. ft. with auxiliary and service buildings adding 48,000 additional square feet, the company stated. Cost of the entire project will be approximately $4,000,000 and construction work will be started shortly.

On completion, the B. F. Goodrich plastics processing plant will employ about 250 men and women and the company's investment will represent at least $16,000 for each job created by the new manufacturing operation. Only a small staff of supervisory, technical and scientific men will be transferred to Marietta, all other personnel to be employed in the Southern Ohio community.

B. F. Goodrich, a pioneer in plastics manufacture, is the largest producer of synthetic rubbers in the United States and has carried on intensive research in rubber since 1895, and in rubber-like materials since 1926.

The company, established in 1870 now has manufacturing operations in Ohio, Massachusetts, New York Pennsylvania, Michigan, California, Oklahoma, Tennessee, Texas, Georgia and Kentucky.

Producers' Council Managing Director Sees 1946 Building at $7.4 Billion

The volume of new building in 1946 is expected to total about $7.4 billion, but the estimated amounts to be spent for the various types of construction are somewhat uncertain owing to the government's decision to extend priority assistance to home building, James W. Follin, Managing Director of the Producers' Council, national organization of building product manufacturers, stated recently.

"Unless the Federal government takes steps to encourage increased production of the more scarce products needed for home building, it is not likely that there will be enough of those materials to allow the construction of more than 425,000 privately built units in 1946," Folin said.

"The materials in question are millwork, enameled plumbing fixtures, steam, hot water, and warm air heating equipment, and possibly cast iron soil pipe. Production of those items is being held down by pricing or manpower problems or raw material shortages.

"Should production of the scarce products be increased, it is possible that more than 425,000 new privately built dwelling units could be constructed during the year. Even with priority assistance for the building of low-cost homes, the total is not likely to exceed that figure greatly.

"Stepping up residential construction would mean some slight decrease in the volume of private industrial, commercial, institutional, and farm building, which had been estimated at about $2.15 billion for 1946. Utility construction is expected to total about $850 million in any event.

"As a result of the greatly increased emphasis on home building, expenditures for public works and other publicly financed construction probably will fall below earlier estimates of about $2.3 billion. The volume of highway construction, which will not compete seriously with home building for scarce materials, is expected to reach $900 million during the year.

"Provided manufacturers do not meet new difficulties with respect to raw materials, manpower, or price controls, sufficient materials and equipment should be available to permit an overall volume of $7.4 billion in 1946, which is 60% above 1945 and about 5% better than in 1940."

First Figures On Power Plant War Record Released

Power plants on four Bureau of Reclamation multiple-purpose projects in the Pacific Northwest produced approximately 5¼ billion kilowatt-hours of electric energy during 1945 — approximately one-third of all power produced in the states of Washington, Oregon, Idaho, Montana, and Utah — R. J. Newell, regional director for the Bureau, announced today. This is slightly below the record output of six billion kilowatt-hours established in 1944, he said.

At the same time, Regional Director Newell released the first complete figures on the war production record established by the Bureau's four power producing projects. A total of over 17 billion kilowatt-hours of electric energy, most of which was delivered directly to war industries in the Northwest, was produced from Jan. 1040 to Sept. 1945, he revealed.

Of this total, over 16 billion kilowatt-hours came from Grand Coulee's eight giant generators, six of which are the largest hydroelectric units in the world. From the time it was put into operation in late 1941 to V-J Day, Grand Coulee delivered a major portion of the energy used by 14 military establishments, the Hanford Atom bomb plant, five aluminum reduction plants, and 12 other plants producing aluminum sheet, ferrosilicon, magnesium, ships, calcium carbide, ferro alloys, chlorates, and manganese.

Power from the other Bureau developments in the Pacific Northwest also aided the war program, Newell said. Nearly 350 million kilowatt-hours, produced on the Boise Project, were used for irrigation pumping or delivered to the Idaho Power Company to help serve important airbases, airports, cities and industries. The Minidoka Project added over 500 million kilowatt-hours and the Yakima Project approximately 140 million to the wartime total.

Grand Coulee's generators supplied approximately five billion of the 5¼ billion 1945 total. They provided about two-thirds of the power sold by the Bonneville Power Administration, which also distributes energy from Bonneville Dam, operated by the Corps of Engineers.

Production of the other plants on Bureau of Reclamation projects in the Northwest in 1945 aggregated almost 180 million kilowatt-hours. Their approximate output was as follows: Yakima Project, Wash., 26,000,000 kwh.; Minidoka Project, Idaho, 96,000,000 kwh.; and Boise Project Idaho, 57,300,000 kwh.

On all four projects, revenues from the sale of power help to repay the cost of the project. The 1944 gross returns from Grand Coulee power, on the basis of the per kilowatt-hour revenues of the Bonneville Power Administration, are estimated at approximately $13,000,000. Gross revenues from Yakima Project totaled approximately $64,000; from Minidoka Project, approximately $315,000; and from the Boise Project, $57,000.

GROOVER AND I

THE PACIFIC

One of today's headline news spots centers in the Pacific.

★ ★ ★

It seems that every time there is a meeting of Foreign Powers, upon returning, our emissary spends a lot of bright words sweetening up such facts as are given to the homefolk. **This may explain our present domestic sugar shortage.**

★ ★ ★

Despite anything Secretary Byrnes has reported regarding the recent Moscow Conference, the impression still lingers that General MacArthur was sold down the river—the Volga River.

★ ★ ★

Secretary of War Patterson is now on his way to the Orient. In self-protection, MacArthur could refuse to permit Patterson's landinng in Japan on the grounds that the war still exists and such landing would be unsafe.

★ ★ ★

This would be within MacArthur's authority—but perhaps his last unchallenged order.

★ ★ ★

I may be buying my way into jail with very few words but it seems about time the State Department took out U. S. Naturalization Papers and recognized that its first obligation is to this Republic.

National Timber Constr. Design Adopted by Army

The confidence of the Army in proper timber construction is evidenced by a recent order: "Henceforth the design for timber construction for all activities under the jurisdiction of the Chief of Engineers will be based on the criteria set forth in the National Design Specification for Stress-Grade Lumber and Its Fastenings, 1944, . . . recommended by the National Lumber Manufacturers Association, Washington, D. C., except as modified herein."

The order, containing more liberal provisions than the Specification, continues: "Current drawings and designs for standard structures will not be revised where the design stresses used are greater than or approximately equal to those called for in the National Design Specification."

The Army Engineers have been very alert to note and take advantage of improved techniques in timber construction developed during recent years. The Specification was used as a text in a course of instruction on maintenance and repair of timber structures conducted by the Army for the engineers of its various Service Commands, at Madison, Wis., in cooperation with the Forest Products Laboratory and National Lumber Manufacturers Association.

The five-day program treated all major subjects in the design and

(Continued on Page 4)

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DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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3— CHURCHES

January 3, 1946

PLANNED
RECREATIONAL BLDG.
Cost, $25,000
REDDING, Shasta County, Calif.
Construction of educational and recreational hall (58x42 ft.), adjacent to church.
Owner — Redding Methodist Church, Redding.
Architect—Not Selected. 3

4— FACTORIES AND WAREHOUSES

January 3, 1946

BIDS REJECTED
MOUNT VERNON, Wash.—Skagit Storage Co. has rejected all bids submitted for construction of storage building. Plans by Consulting Engineers and Architects Barker & Hill Associates, Smith Tower, Seattle.

Neise Mortensen & Co., 1021 Westlake Ave. N., Seattle, at $343,000, submitted the low bid. 4

January 3, 1946

TO START CONSTRUCTION
MFG. PLANT Cost, $100,000
NEWARK, Alameda County, Calif.
Construction of manufacturing plant.
Owner—James Graham Manufacturing Co., Wells Ave., Newark.
Architect—Frederick H. Reimers, 233 Post St., San Francisco.
Contractor—G. W. Williams Co., 10 California Drive, Burlingame. 4

January 3, 1946

PLANNED
FACTORY Cost, $100,000
SAN JOSE, Santa Clara Co., Calif.
Construction of soap factory.
Owner—Liqua-Zone Co., San Jose.
Architect—Not Announced. 4

January 3, 1946

TO START CONSTRUCTION
CREAMERY ADDN. Cost, $80,000
SAN JOSE, Santa Clara Co., Calif.
Addition to Golden State Creamery.
Owner—Golden State Creamery, 400 N. First St., San Jose, and Golden State Co., 425 Battery St., San Francisco.
Architect — W. C. F. Gilliam, 1401 Palm Dr., Burlingame.
Contractor—Bridges Construction Co., 1071 Pine Ave., San Jose. 4

January 3, 1946

PLANNED
PACKING PLANT Cost, $1,000,000
OAKLAND, Alameda County, Calif. San Leandro Blvd.
Construction of packing plant.
Owner—Butler Packing Co., 7519 E. Marginal Way, Seattle, Wash.
Architect—Not announced. •

January 3, 1946

CONTEMPLATED
GRAVEL PLANT Cost, $300,000
STOCKTON, San Joaquin Co., Calif. SW of Carbona bet. Jefferson and Carbona Roads.
Construction of crushed rock and gravel plant.
Owner — Pacific Coast Aggregates, Inc., Ernest Muzio, Asst. Dist. Sales Mgr., 1020 E Main Street, Stockton.
Architect—Not Given. • • 4

January 3, 1946

PLANNED
WINERY Cost $500,000
Construction of reinf. concrete cooperative winery plant.
Owner—Del Rey Cooperative Winery Assn., Lee Bertelsen (Selma) president; Henry Andersen (Fresno) vicc- president, Fresno.
Architect—Not Given • • 4

6— GARAGES AND SERVICE STATIONS

January 3, 1946

PLANS BEING FIGURED—BIDS OPEN JANUARY 11, 4 P. M.
GARAGE AND SALES BUILDING
MILL VALEY, Marin County, Calif. Corner Blithedale and Sycamore Sts.
Construction of one-story concrete and wood garage and sales building (10,000 sq. ft.) and steel service station.
Owner—Tamalpais Motor Sales Co., Oliver Sollom, Ford Motor agent, Mill Valley.
Architect — Winfield H. Hyde, 251 Kearny St., Room 205 (San Francisco (EXbrook 8361).

The following contractors have taken out plans:

De Luca & Son, 1745 Filbert St., San Francisco.

Litchfield Construction Co., 271 Francisco Blvd., San Rafael.

John Rocco, 415 4th St., San Rafael.

Younger Construction Co., 575 Mission St., San Francisco.

Parker, Steffens & Pearce, 135 South Park, San Francisco. • 6

January 3, 1946

CONTRACT AWARDED
GARAGE Cost, $60,000
OAKLAND, Alameda Co., Cal. 3030-3050 E 14th St.
Construction of one-story brick garage building.
Owner—Wm. D. Wood, 3001 E 14th St., Oakland.
Architect—Donald B. Kirby and Carl Replogle, 409 15th St., Oakland.
Contractor—C. H. Thrams, 1100 6th Ave., Oakland. • • 6

7—FEDERAL BUILDINGS

January 3, 1946

CONTRACT RE-AWARDED
INYOKERN, Kern Co., Cal.—Johnson, Drake & Piper, 1736 Franklin St., Oakland, at $5,060,000 awarded a contract by the U. S. Navy, Bureau of Yards & Docks, Washington, D. C., for construction of a two-story reinforced concrete administration and laboratory building and one-story shops building at the Naval Ordnance Testing Station, Inyokern; Spec. No. 16991, NOy 12798.

The award was made on the basis of item (2) price for the entire work complete but omitting aluminum windows in exterior walls and the substitution of fixed steel sash constructed or architectural - projected type sash members.

Peter Kiewit Sons Co., 650 S. Grand Ave., Los Angeles, was previously awarded the contract for the work at $4,996,800 but the company withdrew its bid.

The bids were received August 28. • • 7

January 3, 1946

BIDS WANTED
TERMINAL ISLAND, Los Angeles Co., Calif.—Until January 11, 11 A. M., bids will be received by the U. S. Navy, Public Works Office, U. S. Naval Base, Terminal Island (San Pedro), for the construction of a one-story pipe and bar storage shed at the U. S. Naval Shipyard, Terminal Island; Specification No. 17292, NOy 13118.

Plans and specifications may be obtained from the Public Works Office, U. S. Naval Base, Terminal Island (San Pedro), upon deposit of check or postal money order for $10, payable to the Chief of Bureau of Yards and Docks. • 7

January 3, 1946

NOTICE OF SALE
SALINAS, Monterey Co., Calif.—Until January 28, 12 Noon, bids will be received by Paul H. Roberts, director, Emergency Rubber Project, 315 W. 9th St., Los Angeles 15, under Inv. 99 for the sale of guayule processing mill located near Salinas.

Further information obtainable from the above office. • 7

January 3, 1946

BIDS WANTED
LOS ALAMITOS, Orange Co., Calif.—Until January 15, 11 A. M., bids will be received by the U. S. Navy, Public Works Department, 11th Naval District, 1220 Pacific Highway, San Diego, for the construction of a one-story wood frame boiler room addition to the existing subsistence building at the Naval Air Station, Los Alamitos. • 7

January 3, 1946

BIDS WANTED
TERMINAL ISLAND, Los Angeles Co., Calif.—Until January 11, 11 A. M., bids will be received by the U. S. Navy, Public Works Office, U. S. Naval Base, Terminal Island (San Pedro), for the construction of a one-story sheet metal storage building at the U. S. Naval Shipyard, Terminal Island; Specification No. 17292, NOy 13120.

Plans and specifications may be obtained from the Public Works Office, U. S. Naval Base, Terminal Island (San Pedro), upon deposit of check or postal money order for $10, payable to the Chief of Bureau of Yards and Docks. • 7

January 3, 1946

PROSPECTIVE BIDDERS
MARE ISLAND, Solano Co., Calif.—As previously reported, until January 14, 11 A. M., bids will be received by the officer in charge of construction, Public Works Department, Mare Island, under Contract NOy 13295, Spec. 17459, for the construction of buildings and services for reserve fleet berthing at the Mare Island Naval Shipyard, Mare Island.

Work involves construction of a pump house and steam plant, a generating station, an electrolyte pump house, two toilet buildings, an elevated concrete deck, 11 storage tanks, two warehouses and all mechanical and electrical services for reserve fleet berthing. Specification No. 17459 and other bidding information may be obtained on application to the Bureau of Yards and Docks, Navy Department, Washington 25, D. C., or the officer in charge of construction, Public Works Department, Building 47, Mare Island Naval Shipyard, Mare Island, Calif.

Deposit of check or postal money order for $50, payable to Chief of the Bureau of Yards and Docks, is required as security for safe return of each set of bidding data.

Plans and specifications will be available for distribution shortly.

The following contractors have been invited to submit bids:

Barrett & Hilp, 918 Harrison St., San Francisco.

M. & K. Corp., 200 Financial Center Bldg., San Francisco.

Parker, Steffens & Pearce, 135 South Park, San Francisco.

Moore & Roberts, 693 Mission St., San Francisco.

Johnson, Drake & Piper. 1736 Franklin St., Oakland.

A. J. Hopper Co., 243 Langton St., San Francisco.

Lawrence Construction Co., 3020 V St., Sacramento.

M. J. King, Inc., 132 Franklin St., San Francisco.

Peter Kiewit Sons Co., 442 Post St., San Francisco.

Robert McCarthy Co., 1050 Kirkham St., San Francisco.

Louis C. Dunn, 799 Monadnock Bldg., San Francisco.

J. H. Pomeroy & Co., Inc., 333 Montgomery St., San Francisco.

Healy - Tibbitts Construction Co., 1100 Evans Ave., San Francisco, and Duncanson-Harrelson Co., DeYoung Bldg., San Francisco. • 7

January 3, 1946

BIDS OPENED
WALLACE, Idaho.—Lewis Constr. Co., Seattle, at $2,885 submitted low bid December 31 to the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting at U. S. Post Office, Wallace, Idaho.

Other bidders were:

R. A. Newman, McMinnville, Ore., $3,400.

Grohne, Inc., Decatur, Ill., $3,867. • • 7

January 3, 1946

BIDS OPENED
COLUSA, Colusa Co., Calif.—Yuba Sutter Oil Co., Marysville, at $772.90 submitted low bid January 2 to the office of the District Engineer, Federal Works Agency, Public Buildings Administration, 833 U. S. Appraiser's Bldg., San Francisco, for new oil burning equipment at the U. S. Post Office building at Colusa.

Service Heat & Power Co., Oakland, at $1,298 submitted the only other bid. • • 7

January 3, 1946

BIDS OPENED
ANACORTES, Wash.—Van Keulen & Sons, Bellingham, Wash., at $2,110 submitted low bid December 31 to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraisers Bldg., San Francisco, for exterior and interior painting, U. S. Post Office, Anacortes, Wash.

Other bidders were:

Harry E. Knight, Seattle, $3175.

R. A. Newman, McMinnville, Ore., $3728.

Lewis Constr. Co., Seattle, $3970. • • 7

January 3, 1946

BIDS OPENED
ALAMEDA, Alameda, Co., Calif.—Otis Elevator Co., 333 13th St., Oakland, at $90.75, submitted low bid January 2 to the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for new elevator cables at the U. S. Post Office at Alameda.

Westinghouse Electric Corp., Elevator Division, San Francisco, at $100, submitted the only other bid. • 7

January 3, 1946

BIDS OPENED
MONTEBELLO, Los Angeles Co., Calif.—Acme Boiler Works, Los Angeles, at $275, submitted low bid January 2 to the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for retubing heating boiler at the U. S. Post Office at Montebello.

Other bidders were:

Aikens Boiler Works, Compton, $303.29.

RCS Engineering Co., Long Beach, $388. • 7

January 3, 1946

BIDS OPENED
LOS ANGELES, Cal.—Oliver Williams Elevator Co., Los Angeles, at $650 submitted low bid January 2 to the office of the District Engineer, Federal Works Agency, Public Bldgs. Administration, 838 U. S. Appraiser's Bldg., San Francisco, for new elevator cables in the U. S. Post Office Terminal Annex, Los Angeles.

Other bidders were:

United Elevator Corp., Los Angeles, $699.

Elevator Maintenance Co., Los Angeles, $724.92.

Pacific Coast Elevator Co., $824.

Otis Elevator Co., San Francisco, $832. • • 7

9— HOSPITALS

January 3, 1946

BIDS WANTED—
TO CLOSE JAN. 5, 11 A. M.
ISOLATION WARD
AUBURN, Placer Co., Calif. Placer County Hospital.
Construction of isolation and insane ward.
Owner—County of Placer, L. Rechenmacher, Clerk, Court House, Auburn.
Architect—Geo. C. Sellon, California State Life Bldg., Sacramento.

Specifications obtainable from the office of the architect upon deposit of $25.00. • • 9

January 3, 1946

BIDS WANTED—
TO CLOSE JAN. 29, 2 P. M.
WARD BUILDINGS
STOCKTON, San Joaquin Co., Calif. Stockton State Hospital.
Construction of one- and two-story reinf. concrete ward buildings for Infirm Females and Disturbed Females, having a combined floor area of approx. 160,000 sq. ft. with hollow tile partitions, steel sash and clay shingle tile roof covering.
Owner—State of California, Division of Architecture, Public Works Bldg., 12th and N Sts., Sacramento.
Plans by State Architect Anson Boyd Public Works Bldg., Sacramento

Separate bids will be taken for the following segregated parts of the work:

(1) General Work.
(2) Heating and Ventilating Work.
(3) Plumbing Work.
(4) Electrical Work.

Alternate bids will be required for the omission of certain work.

Specifications obtainable from the office of the Division of Architecture, Public Works Bldg., Sacramento, upon deposit of $25.00. • • 9

January 3, 1946

PREPARING PLANS
CLINIC ADDITION Cost, $300,000
PALO ALTO, Santa Clara Co., Calif.
Construct 2- to 5-story reinforced concrete addition to clinic building.
Owner—Palo Alto Clinic, 300 Homer Ave., Palo Alto.
Architect—Birge M. Clark, 310 University St., Palo Alto. 9

13— PUBLIC BLDGS. FIRE HOUSES, JAILS

January 3, 1946

FUNDS ALLOTTED
ROSWELL, N. M. — Mayor Lea Rowland of Roswell has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $3600 will be furnished to the city for the purpose of assisting in the preparation of plans for fairground facilities. The plans for these facilities can now be completed and all arrangements made for construction.

The preliminary draft outlines fair grounds consisting of a stadium, exhibition buildings, stock barns, race track, rodeo grounds and baseball park. The fair grounds will be located one-half mile west of the city. The estimated cost of the fair grounds will be $119,500, to be furnished from public donations and general obligation bonds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction is begun.

E. A. Rose, located at Denver, Colo., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for New Mexico, and Vorhees & Standhardt, Roswell, N. M., are the architects for the City of Roswell to make the final plans for the fair grounds. 13

January 3, 1946

BIDS OPENED
SAN FRANCISCO.—R. F. Smith, 61 Clementina St., at $978 submitted low bid January 2 to the Department of Public Works, Room 282, City Hall, for relining and flashing of gutters at Hall of Justice.

J. W. Bender Roofing Co. at $988 submitted the only other bid. • • 13

January 3, 1946

BIDS REJECTED
COTTAGE ADDITIONS
ELDRIDGE, Sonoma County, Calif. Sonoma State Home.
Construction of additions to Goddard and Paxton cottages, involving construction of one-story reinforced concrete addition to each cottage; combined floor area for the two additions, 8100 sq. ft., approximately; connecting passageways, sidewalks, roads and grading included, and also the plumbing, heating, and electric wiring.
Owner—State of California, Division of Architecture, Public Works Building, 12th and N Sts., Sacramento.
Plans by Anson Boyd, state architect Public Works Bldg., Sacramento.

All bids received December 27 were rejected, at which time Empire Construction Co., 344 Harriet St., San Francisco, at $115,489 submitted low bid. • • 13

January 3, 1946

CONTRACT AWARDED
BOATHOUSE AND FACILITIES
Contract Price, $47,917
CARQUINEZ STRAITS, Vallejo, Solano Co., Calif. California Maritime Academy.
Construction of boat house and facilities consisting of covered dock for small craft, working space, sail loft and storage facilities of wood, wood frame construction on wood pile foundations.
Owner—State of California, Division of Architecture, Public Works Building, 12th and N Sts., Sacramento.
Plans by Anson Boyd, state architect Public Works Bldg., Sacramento.
Contractor—J. A. Bryant, 1815 Capitol St., Vallejo, . • • 13

14— RESIDENCES

January 3, 1946

PROJECT ASSIGNED
LOS ANGELES, Calif.—The Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco, has been assigned for development Proj. Calif. 4317, consisting of 20 family units to be constructed at Los Angeles, Calif. • 14

January 3, 1946

PROJECT ASSIGNED
SAN FRANCISCO and SANTA CLARA COUNTIES, Calif.—The Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco, has been assigned for development Proj. Calif. 4318, consisting of 100 family units to be constructed in San Francisco and Santa Clara counties. • 14

January 3, 1946

PROJECT ASSIGNED
BRYCE CANYON, Utah.—The Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco, has been assigned for development Proj. Utah 4-2214, consisting of five family stopgaps to be constructed at Bryce Canyon, Utah. • 14

January 3, 1946

SUB-CONTRACTS AWARDED
RESIDENCE
SANTA ROSA, Sonoma Co., Calif.
Construction of 7-room wood frame residence, composition roof, gas heating system and plate glass windows on Alderbrook Dr.
Owners—Mr. and Mrs. Wesley Eisenhood, Santa Rosa.
Architect—J. Clarence Felciano, 4010 Montecito Ave., Santa Rosa.
Contractor—Wm. D. Rapp, 705 Bennett Ave., Santa Rosa.
Roofing—J. B. Rice Co., Box 106, Santa Rosa.
Plumbing—Geo. Mitchell, 513 Third St., Santa Rosa.
Electric Wiring — Karl F. Stolting, 1067 Fourth St., Santa Rosa.
Heating—McPhail Fuel Co., 917 C St., San Rafael.
Sheet Metal—Gust Malm, 724 Second St., Santa Rosa.
Tile Work—Superior Tile Co., 4939 Broadway, Oakland.
Glass—Laws Henry Co. Planing Mill, Eighth and Wilson, Santa Rosa.
Brick and Stone Work—Walter L. Olsen, 966 Sonoma Ave., Santa Rosa.
Lumber—Sterling Lumber Co., 1617 32nd St., Oakland.
Mill Work—Laws Henry Co. Planing Mill, Eighth and Wilson, Santa Rosa.
Painting—Eugene Malvino, 3555 Sonoma Highway, Santa Rosa.
Lathing and Plastering — Marshall Maxwell, 511 Barnett St., Santa Rosa. 14

January 3, 1946

COMPLETING WORKING DRAWINGS
RESIDENCES
REDWOOD CITY, San Mateo Co.
Construction of two residences (six rooms and 1-½ baths); hardwood floors, wood shingle roofs, gas fired warm air heating, etc.
Owner—Mr. Corvin, c/o Architect.
Architect—J. Lloyd Conrich, 593 Market St., San Francisco. • • 14

January 3, 1946

COMPLETING WORKING DRAWINGS
RESIDENCES Cost, $12,000
SAN CARLOS, San Mateo Co., Calif.
Construction of two 1½-story houses (5 rooms and 1-½ baths), wood shingle roof, hardwood floors, gas fired warm air heating, etc.
Owner—Darnwell & Breen, c/o Architect.
Architect—J. Lloyd Conrich, 593 Market St., San Francisco. • • 14

January 3, 1946

PROSPECTIVE BIDDERS
PITTSBURG, Contra Costa Co., Calif.—As previously reported, until Jan. 7, 8:00 P. M., bids will be received by the City of Pittsburg, F. R. Taormina, City Clerk Council Chamber, City Hall, for housing erection and completion of addition to the filtration plant of the City of Pittsburg.

Plans and specifications may be obtained from the office of the City Clerk upon deposit of $10.00.

Each bid must be accompanied by a certified or cashier's check, payable to the City of Pittsburg in an amount equal to 10% of the bid.

Following contractors have taken out plans:

Adam Arras & Son, 116 New Montgomery St., San Francisco.

Fred J. Early, Jr., 369 Pine Street, San Francisco. • • 14

15— SCHOOLS

January 3, 1946

PLANNED
REBUILD SCHOOLS Cost, $75,000
SAN ANSELMO, Marin County, Cal. Main and Yolansdale.
Rebuild two schools.
Owner—San Anselmo School District, San Anselmo.
Architect—Not Announced. 15

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Edgemont School Addn., San Bruno; Bids open January 11, 8 P. M.
Richard Delucchi & Co, 420 San Mateo Ave., San Bruno (San Bruno 974)
Carrico & Gautier, 845 Ocean Ave., San Francisco (JUniper 4-8081).
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
R. A. Cullen, 478 Jackson Street San Francisco (SUtter 1951).

Bldgs., Services and Paving, Camp Pendleton, Oceanside; Spec. 17225; Bids open January 3, 11 A. M.
Haddock Engineers, Ltd., 225 Bush St., San Francisco (GArfield 2980).

Alter Bldg., Grant Ave. and Maiden Lane, S. F.; Bids open Jan. 11, 3 PM.
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616).
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
G. P. W. Jensen & Sons, Inc., 320 Market St., S. F. (GArfield 2444).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)

J. O. Edy Store Bldg., Lakeshore Ave., Oakland; Bids open Jan. 3, 3 PM.
Willis F. Lynn, 1040 Folger Ave., Berkeley (BErkeley 6044).
Anderson-Haglund, Inc., 219 41st St., Oakland (OLympic 9103).
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064)
California Builders Co., Inc., 350 Hobart St., Oakland (TEmplebar 6780)
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).

Alter Continental Bakery, York and Alameda, S. F.; Bids open January 5
G. P. W. Jensen & Sons, Inc., 320 Market St., S. F. (GArfield 2444).
Jacks & Irvine, 620 Market St., San Francisco (GArfield 2106).

Alter Hotel Drake Wilshire, San Francisco; Bids open Jan. 5, 2 P. M.
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).

Beechnut Packing Co., San Jose; Bids open about January 8.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Carl N. Swenson Co., 355 Stockton Ave., San Jose 4 (BAllard 2602).
A. Farnell Blair, 9 Main Street, San Francisco (YUkon 0390).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624).

Alter Admin. Bldg., Golden Gate Bridge; Bids open January 11.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).

R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).

Hayward Union High School Addn., Hayward; Bids open January 8, 5 P. M.
Close & Lewis, 721 "C" Street, Hayward (Hayward 270).
Wm. M. Greuner, Jr., 2727 Parker St., Berkeley (BErkeley 2877)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Rademann-Giusto, 40 Ringold Street San Francisco (MArket 8151).

Tamalpais Motor Sales Bldg., Mill Valley; Bids open Jan. 11, 4 P. M.
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)

Prefabricated School Bldg., Williams Sch., Concord; Bids open Jan. 11, 4:30
Wm. M. Greuner, Jr., 2727 Parker St., Berkeley (BErkeley 2877)

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ADVANCE CONSTRUCTION REPORTS

January 3, 1946

FUNDS ALLOTTED

NEW MEXICO.—Floyd D. Golden, president of Eastern New Mexico College, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $2750 will be furnished to the college for the purpose of assisting in the preparation of plans for a dining hall and heating plant. The plans for these facilities can now be completed and all arrangements made for construction.

The preliminary drafts outline a dining hall with kitchen, to be constructed of brick with wood trim, steam heat and mechanical ventilating system, and a heating plant, including a brick and concrete building, stone trim, steel and concrete roof. Size of the building will be approximately 3200 square feet and main tunnels will be approximately 4 feet wide and vary to approximately 6 feet deep. The estimated cost of these facilities will be $129,359, to be furnished from available cash and revenue bonds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

E. A. Rose, located at Denver, Colo., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for New Mexico, and Schaefer & Merrill, Clovis, N. M., are the architects for the college. 15

January 3, 1946

PLANNED

ADMIN. BLDG. Cost, $24,000
REDWOOD CITY, San Mateo Co.
Construction of administration bldg. and warehouse.
Owner — Redwood City Elementary School District, Andrew Spinas, Supt., Redwood City.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco. • • 15

January 3, 1946

TO ASK BIDS SHORTLY

SCHOOL BLDG. Cost, $125,000
HUGHSON, Stanislaus County, Cal.
Construction of new reinf. concrete earthquake - proof school building containing five classrooms, kindergarten, shop, cafeteria and assembly hall.
Owner—Hughson Elementary School District, Hughson.
Architect—Geo. C. Sellon, California State Life Bldg., Sacramento. • • 15

January 3, 1946

BIDS OPENED

SAN FRANCISCO. — Inlaid Floor Co., 600 Alabama St., at $49 submitted low bid January 2 to the Department of Public Works, Room 282, City Hall, for machine sanding pine floors of kindergarten, domestic science and teachers' lunch room (approximately 2000 sq. ft.) at the Gough School.

E. G. Finn Hardwood Floor Co., at $153 submitted the only other bid. • • 15

January 3, 1946

PREPARING WORKING DRAWINGS

SCHOOL
SAN FRANCISCO.—NE Cor. 22nd Ave. and Quintara St.
Construction of school building to include eight classrooms and assembly hall to seat 200.
Owner—Sunset Jewish Institute, c/o Architect.
Architect—J. Lloyd Conrich, 593 Market Street. • • 15

January 3, 1946

PREPARING PLANS

SCHOOL BUILDING Cost, $30,000
SONOMA COUNTY, Calif.
Construction of new school building and auditorium.
Owner—Dunbar School District, Sonoma.

Architect—J. Clarence Feliciano, 4010 Montecito Ave., Santa Rosa.

As previously reported, the city voted to issue bonds to finance above construction. 15

January 3, 1946

BIDS WANTED—TO BE OPENED JANUARY 28, 8 P. M.

SCHOOL BUILDING
DOS PALOS, Merced County, Calif.
Construction of prefabricated cafeteria building at high school.
Owner—Dos Palos Joint Union High School District, Dos Palos.
Architect—E. J. Kump Co., 251 Kearny St., San Francisco.

Plans and specifications may be obtained from the office of the architect or from the principal at the high school upon deposit of $25. • 15

January 3, 1946

PLANNED

SCHOOL ADDN. Cost, $63,000
SAUSALITO, Marin Co., Cal. Central School.
Construction of kindergarten room, three classrooms and medical examination room.
Owner—Sausalito School District, C. Boyle, Dist. Supt., Sausalito.
Architect—Not Announced. 15

January 3, 1946

PLANNED

SCHOOL ADDN. Cost, $80,000
KENTFIELD, Marin County, Calif.
Construction of auditorium, kindergarten room and two additional classrooms and cafeteria and reconstruction work on the present building.
Owner—Kentfield Elementary Sch. Dist., Wade F. Thomas, District Supt., 115 Kensington Rd., Kentfield.
Architect—Not Announced. 15

January 3, 1946

PLANNED

GYM.-AUDITORIUM Cost, $70,000
LARKSPUR, Marin County, Calif.
Construction of gymnasium-auditorium building.
Owner—Larkspur-Corte Madera Sch. Dist., Neil N. Cummins, District Superintendent, Larkspur.
Architect—Not Announced. 15

January 3, 1946

PLANNED

SCHOOL ADDITION Cost, $60,000
FAIRFAX, Marin County, Calif.
Construction of kindergarten room, four additional classrooms, cafeteria.
Owner—Fairfax Elementary School District, Fairfax.
Architect—Not Announced. 15

January 3, 1946

PROPOSED

SCHOOL ADDITIONS
TOMALES, Marin County, Calif.
Construction of Gym. - Auditorium building.
Owner—Tomales Joint Union High School District, Tomales.
Architect—Not Announced. 15

January 3, 1946

PLANNED

SCHOOL BLDG. Cost, $288,0000
SAN ANSELMO, Marin Co., Calif.
Completion of school buildings, etc.
Owner—Tamalpais Union High Sch. District, Mill Valley.
Architect—Not Announced. 15

January 3, 1946

PLANNED

SCHOOL ADDN. Cost, $323,000
MILL VALLEY, Marin County, Cal. Tamalpais Union High School.
Construction of auditorium and administrative offices, $150,000; gym $100,000; swimming pool, $30,000; modernizing present classrooms, $43,000.
Owner—Tamalpais Union High Sch. District, Mill Valley.
Architect—Not Announced. 15

January 3, 1946

PLANNED

SCHOOL ADDNS. Cost, $200,000
SAN RAFAEL, Marin County, Calif. San Rafael High School.
Construction of swimming pool, cafeteria, athletic field improvement, bleachers, team rooms and toilet facilities, paving of roadways and walks, new tennis courts and lighting, renovating present bldg. & installation of lighting equipment.
Owner—San Rafael High School District, High School Bldg., San Rafael.
Architect—C. F. Gromme, 1010 "B" St., San Rafael. 15

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150 M. 12x12 LUMBER, $35 per M. Bob Olsen, 2643 San Bruno Ave., San Francisco. Phone RAndolph 2998. (Jan. 3, 4, 7, 8, 9, 1946)

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January 3, 1946

PLANNED

SCHOOL ADDN. Cost, $23,000
SAN RAFAEL, Marin County, Calif. "E" Street Grammar School.
Construction of boys' dressing and shower rooms, shop and music rooms.
Owner—San Rafael Board of Education, Oliver R. Hartzell, Secretary, High School Bldg., E. Mission St., San Rafael.
Architect—C. F. Gromme, 1010 "B" St., San Rafael. 15

January 3, 1946

PLANNED

SCHOOL ADDN. Cost, $20,000
SAN RAFAEL, Marin County, Calif. Laurel Dell School.
Construction of two addl. classrooms.
Owner—San Rafael Board of Education, Oliver R Hartzell, Secretary, High School Bldg., E. Mission St., San Rafael.
Architect—C. F. Gromme, 1010 "B" St., San Rafael. 15

January 3, 1946

PLANNED

SCHOOL ADDN. Cost, $28,000
SAN RAFAEL, Marin Co., Cal. Coleman School.
Two additional classrooms and culvert construction and grounds improvements.
Owner—San Rafael Board of Education, Oliver R. Hartzell, Secretary, High School Bldg., San Rafael.
Architect—C. F. Gromme, 1010 "B" St, San Rafael. 15

January 3, 1946

PROPOSED

SCHOOL ADDN. Cost, $70,000
ROSS, Marin County, Calif.
Construction of two classroom addition and gymnasium - auditorium building.
Owner—Ross School District, Ross.
Architect—C. F. Gromme, 1010 "B" St, San Rafael. 15

January 3, 1946

PLANNED

PLANNED

SCHOOL ADDITION Cost, $50,000
SAN ANSELMO, Marin County, Cal. Red Hill School.
Four-classroom addition to school.
Owner—San Anselmo School District, San Anselmo.
Architect—Not Announced. 15

January 3, 1946

PLANNED

SCHOOL ADDITION Cost, $105,000
SAN RAFAEL, Marin County, Calif. West End School.
Rehabilitation of present building and construction of five additional rooms.
Owner—San Rafael Board of Education, Oliver R. Hartzell, secretary, High School Bldg., E. Mission St., San Rafael.
Architect—Carl F. Gromme, 1010 B St., San Rafael. 15

January 3, 1946

PLANNED

SCHOOL BUILDING Cost, $100,000
SAN ANSELMO, Marin Co., Calif. Butterfield Rd.
Construction of new school building.
Owner—San Anselmo School District, San Anselmo.
Architect—Not announced. 15

January 3, 1946

PLANNED

SCHOOL ADDITION Cost, $24,000
SAN RAFAEL, Marin County, Calif. Short School.
Renovate present building and add one classroom.
Owner—San Rafael Board of Education, Oliver R. Hartzell, secretary, High School Bldg., San Rafael.
Architect—C. F. Gromme, 1010 B St., San Rafael. 15

16— BANKS, STORES AND OFFICES

January 3, 1946

CONSTRUCTION STARTED

REMODEL STORE BLDG. Cost, $30,000
SAN LEANDRO, Alameda Co., Calif. 1301 Washington Avenue.
Remodel store building.
Owner—Maxwell Hardware Co., 14th and Washington Sts., Oakland.
Architect—I. M. Johnson, 449 MacArthur Blvd. W., Oakland.
Contractor—Swanstrom & Stahl, 2034 Hoover Ave., Oakland. • • 16

January 3, 1946

SUB-BIDS WANTED

SAN FRANCISCO.—R. A. Cullen, 478 Jackson St. (SUtter 1951), has the general contract and desires sub-bids on electrical work on alterations to auditorium of the Salvation Army building, 115 Valencia St. • 16

January 3, 1946

LOW BIDDER

EXCHANGE ADDITION
MARTINEZ, Contra Costa County, Calif.
Construction of addition to present central office building.
Owner — Pacific Telephone & Telegraph Co., 140 New Montgomery St., San Francisco.
Plans by engineering department of owner.
Low Bidder—Elmer J. Freethy, 1432 Kearney St., El Cerrito. •

January 3, 1946

TO ASK BIDS

ALTER STORE Approx. Cost, $5,000
SAN FRANCISCO. 98 Market Street.
Second unit of alterations to store building, consisting of general alterations including plumbing and electrical work.
Owner—John Harris, c/o Architect.
Architect—J. Lloyd Conrich, 593 Market Street.

The architect will take bids within a few days. • • 16

January 3, 1946

BIDS REJECTED

STORES
SAN BRUNO, San Mateo Co., Calif.
Construction of store building.
Owner—Bayshore Amusement Co.
Architect—A. A. Cantin, 704 Market St., San Francisco.

All bids have been rejected. • 16

January 3, 1946

LOW BIDDER

STRUCTURAL STEEL
STOCKTON, San Joaquin Co., Calif.
Structural steel for an addition to main central office building.
Owner — Pacific Tlephone & Telegraph Co., 140 New Montgomery St., San Francisco.
Plans by engineering department of owner.
Low Bidder—Judson-Pacific-Murphy Co., 1200 17th St., San Francisco. • 16

January 3, 1946

TO ASK BIDS

MARKET AND STORE BUILDING
MILL VALLEY, Marin County, Calif. Bilthedale and Sycamore Sts.
Construction of one and part two-story frame and stucco market and store building.
Owners—H. W. Johnson and H. T. Lenci, c/o architect.
Architect — Winfield H. Hyde, 251 Kearny St., Room 205, San Francisco (EXbrook 8361).

Bids will be asked today and opened January 11, 4 P. M.

The following contractors will be furnished plans:

De Luca & Son, 1745 Filbert St., San Francisco.

Litchfield Construction Co., 271 Francisco Blvd., San Rafael.

John Rocco, 415 4th St., San Rafael.

Younger Construction Co., 575 Mission St., San Francisco.

Parker, Steffens & Pearce, 135 South Park, San Francisco. • 16

17— THEATERS

January 3, 1946

CONTRACT AWARDED

ALTER THEATER Cost, $12,000
SAN FRANCISCO. Coliseum Theatre, Ninth Avenue and Clement St.
Alterations to front of theater, including tile work, glass, new marquee, etc.
Owner—San Francisco Theaters, Inc. 995 Market Street.
Architect—J. Lloyd Conrich, 593 Market Street.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market St. • • 17

18—WHARVES & DOCKS

January 3, 1946

CONTRACT AWARDED

SAN DIEGO, Calif.—M. H. Golden Construction Co., 1485 Noell, San Diego, awarded contract by the U. S. Navy, Bureau of Yards and Docks, Washington, D. C., December 27, at approximately $1,892,075, for the construction of Piers No. 10 to No. 12, inclusive, at the U. S. Naval Repair Base, San Diego; Specification No. 17429. The bids were received December 10. • 18

January 3, 1946

CONTRACT AWARDED

SAN FRANCISCO.—Martin Fried, 1070 Sansome Street, at $16,191 submitted low bid and was awarded contract January 2 by the Board of State Harbor Commissioners, Frank G. White, chief engineer, Ferry Bldg., San Francisco, for whitewashing the interior of sheds at Piers 30 and 32, waterfront.

Complete bids were:
Martin Fried, $16,191.
J. H. Mohr, Inc., $19,870.
Deemer & Deemer, $24,438.
D. E. Burgess Co., $31,886.90.
M. Williams & Son, $35,985. • • 18

19—MISC. CONSTRUCTION

January 3, 1946

BIDS OPENED

RITZVILLE, Wash. — The Agutter Electric Co., 952 E. Seneca, Seattle, Wash., at $181,500, submitted the low bid to the Big Bend Electric Cooperative, Ritzville, Wash., December 20, for the construction of 200 miles of single phase power line, a Rural Electrification Administration funded project.

Total bids were:
Agutter Electric Co., $181,500.
Electric Smith, Spokane, $182,461.
Power City Electric Co., Spokane, $184,831.
James C. Roberts, Spokane, $194,600.
Electric Construction Co., Tacoma, $202,645.
H. H. Walker, Ellensburg, $202,690. 19

January 3, 1946

BIDS POSTPONED

COQUILLE, Ore.—Until Jan. 8, 10 A. M. (bid opening date postponed from Dec. 28) bids will be received by the Coos Electric Cooperative, Inc. Coquille, Oregon, for the construction of a 306-mile, 7200- 12,450-volt transmission and distribution line to serve 1000 members in Coos and Curry counties, Oregon, a Rural Electrification Proj.; estimated cost, $475,-000.

Plans and specifications were prepared by the Lowe Co., engineering firm, 315 Architects Bldg., Los Angeles, and are available from the latter office upon payment of $15, not returnable.

Work involves:
(1) 61 miles 3 phase, 4-wire transmission line;
(2) 1 mile 2 phase, 3-wire do;
(3) 199 miles single phase, 2-wire do;
(4) 22 miles secondary line;
(5) 24 miles service drops;
(6) two substations, 600 and 1500 kvs
(7) two voltage regulator stations.

Following contractors have taken out plans:
Agutter Electric Co, P. O. Box 309, Newport, Wash.
E W. Elliott, Dexter Horton Bldg., Seattle.
Line Material Co., 1233 NW 12th Ave., Portland.
The Electric Constr. Co., 760 Commerce St., Tacoma, Wash.
W. W. Conner Co., Dexter Horton Bldg., Seattle.
Tulsa Boiler & Machinery Co., P O. Box 1978, Tulsa, Okla.
Joslyn Co. of California, 5100 District Blvd., Los Angeles.
Graybar Electric Co., 500 S Clinton St., Chicago, Ill.
Montgomery Electric, 1001 SW 5th Ave., Portland.
Westinghouse Electric Supply, 134 NW 8th Ave., Portland. • • 19

January 3, 1946

BIDS WANTED

LODGE GRASS, Mont.—Until Jan. 16, 10 A. M., bids will be received by Big Horn Electric Cooperative, Inc., Lodge Grass, Mont., for approximately 136.7 miles electric distribution line located in Big Horn County, Mont., and Sheridan County, Wyo.

Specifications obtainable from the State Water Conservation Board, Toivo Kargainen, engineer, 233 Armory Bldg., Helena, Mont., upon deposit of $25. 19

20— MISC. SUPPLIES AND MATERIALS

January 3, 1946

BIDS WANTED

SAN FRANCISCO.—Bids will be received by the U. S. Department of Agriculture, Forest Service, 447 Sansome St., San Francisco 11, for furnishing materials and equipment as follows:

January 8, 2 P. M.

Inv. 331: used cruiser type motor boat for outboard motor with trailer, f.o.b. Redding.

Inv. 333: sketchmaster, f.o.b. Yreka.

January 9, 2 P. M.

Inv. 332: two-oven hotel range, f.o.b. Yreka.

Inv. 334: pileys, f.o.b. Salinas.

January 11, 2 P. M.

Inv. 330: stoves, f.o.b. Yreka.

Inv. 336: sale of Minn. Moline wheel tractor located at Arcadia. • 20

January 3, 1946

PROJECT CANCELLED

SAN FRANCISCO.—The Navy Department, Material Redistribution and Disposal Office, 785 Market St., San Francisco 3, has cancelled Inv. B-226-46 for the sale of miscellaneous ferrous and non-ferrous metallic scrap plus non-metallic scrap, located at the Navy Material Redistribution Center, Alameda, Calif., originally scheduled to be opened January 9. • 20

January 3, 1946

CONTRACT AWARDED

NAPA, Napa Co., Calif.—Waterworks Supply Co., at $1243 awarded contract by the City of Napa, Chas. K. Martin, City Clerk, City Hall, for furnishing (1) five 14-in. gate valves and (2) one 24-inch gate valve. 20

January 3, 1946

BIDS OPENED

DINUBA, Tulare Co., Calif.—The following submitted bids to the City of Dinuba, J. O. Hayes, city clerk, City Hall, for the following work:
(a) furnishing main transmitting and receiving equipment with auxiliary transmitter and receiver, installed at a convenient location in the fire station;
(b) mobile transmitting and receiving sets installed in passenger type cars;
(c) maintenance of aforesaid equipment on a monthly basis. This may be bid on separately from (a) and (b) above:

General Electric Co., Fresno, (a) and (b) $2560.
Galvin Manufacturing Corp., North Hollywood, (a) and (b) $2619.
Jack C. Arbuckle, Fresno, (a) and (b) $2480.20.
Radio Corp. of America, Los Angeles, (a) and (b) $2525; alt. $2325.
Orval Wood, Visalia, (c) $30.

Contract will be awarded Jan. 10. 20

January 3, 1946

NO BIDS RECEIVED

MARIN COUNTY, Calif.—No bids were received January 2 by the State Division of Highways, J. H. Skeggs, District Engineer, 2001 Van Ness Ave., San Francisco, for rental of one 2½-c.y. capacity crawler type power shovel for approx. 100 hours of work in Marin County. • 20

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Sewers and Sewage Disposal Plants 32
Waterworks 33
Parks and Playgrounds 34
Tunnels 35

21— BRIDGES

January 3, 1946

NOTICE

TEHAMA COUNTY, Calif.—A representative of the bridge department of the State Division of Highways will accompany prospective bidders over the proposed project in Tehama County, road II-Teh-3-D, for which bids are to be received in Sacramento on January 16, 1946.

Said representative will meet prospective bidders at the Fremont Hotel in Red Bluff on Tuesday, January 8, 1946, at 2 P. M. • 21

January 3, 1946

NOTICE

SAN JOAQUIN COUNTY, Calif.—A representative of the bridge department of the State Division of Highways will meet prospective bidders for the proposed project in San Joaquin County, X-S.J-5-B, for which bids are to be received in Sacramento on January 23, 1946.

Said representative will meet prospective bidders at the bridge across the San Joaquin River at Mossdale on Tuesday, January 15, 1946, at 2 P. M. • 21

22— DREDGING, HARBOR WORKS, EXCAVATION

January 3, 1946

BIDS OPENED

REDONDO BEACH, Los Angeles Co., Calif.—Guy F. Atkinson Co., 1103 Heartwell Bldg., Long Beach, at $179,600 submitted low bid to California Department of Public Works, Division of Water Resources, 803 State Bldg., Los Angeles, Dec. 26 for construction of a stone sea wall in the City of Redondo Beach.

Work involves:
(1) 12,000 c.y. excavation;
(2) 11,000 tons Class A stone;
(3) 11,000 tons Class B stone.

Bids were:
Guy F. Atkinson Co., (1) $2.50; (2) $8; (3) $5.60; total, $179,000.
Vinnell Co., (1) $1; (2) $9.60; (3) $7.25; total, $197,350.
Norman I. Fadel, (1) $1.85; (2) $8; (3) $8; total, $198,200.
Case Constr. Co., (1) $1; (2) $8; (3) $10.50; total, $215,500. • • 22

January 3, 1946

BIDS WANTED

SAN FRANCISCO.—Until January 9, 2 P. M., bids will be received by the Board of Park Commissioners, Paul N. Moore, secretary, McLaren Lodge, Golden Gate Park, for replacement of piles at Yacht Harbor, San Francisco.

Specifications obtainable from the above office upon deposit of $5. • 22

23— CANALS

January 3, 1946

FEDERAL FUNDS ALLOTTED

FARMINGTON, N. M.—Mayor Willis Martin of Farmington has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $2440 will be furnished to the town for the purpose of assisting in the preparation of plans for community facilities. The plans for these facilities can now be completed and all arrangements made for construction.

The preliminary drafts outside irrigation system improvements with 8 miles lateral lining, 5 miles 12-in. half concrete tile, 3 miles 15-in. half concrete tile, and development of a memorial park to provide a swimming pool, wading pool, bathhouse facilities, two tennis courts, playground and picnic facilities, walks, landscaping and the necessary allied accessories. The estimated cost of these facilities will be $64,740, to be furnished from available cash and special assessment. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

E. A. Rose, located at Denver, Colo., is the engineer for the Bureau of Community Facilities of the Federal Works Agency. 23

January 3, 1946

CONTRACTS AWARDED

TUCUMCARI PROJECT, N. M.—Clyde W. Wood, 816 W. 5th St., Los Angeles, at $285,865.20 on Sched. No. 1, and A. S. Horner Constr. Co., 118 S. Pecos, Denver, at $252,934, on Schedule No. 2, awarded contracts by the Bureau of Reclamation, Tucumcari, N. M., for the construction of a check, station 3067 plus 55, Conchas Canal; earthwork and structures, station 3188 plus 52 to station 3343 plus 17, Conchas Canal, and station 0 plus 00 to station 418 plus 80, Hudson Canal, Tucumcari Project, N. M.; Spec. 1107. The work is near Tucumcari, N. M. 23

25—MACHINERY AND EQUIPMENT

January 3, 1946

BID OPENED

SAN LUIS OBISPO, Calif.—Solvang Mill & Lumber Co., Solvang, at $3 per day, $14 per week, $45 per month, transportation to and from job, no bid, submitted only bid to the office of the district engineer, Division of Highways, 50 Higuera St., San Luis Obispo, for furnishing one only portable concrete mixer, 4½-sack capacity or under, with power charger (bare rental), for approximately 100 working days' use on state highways under direction of highway maintenance superintendent, whose headquarters are located in Buellton. 25

January 3, 1946

BIDS WANTED

MODESTO, Calif. — Until January 7, 7:30 P. M., bids will be received by Modesto City Board of Education, E. D. Abbott, secretary, at the offices of said Board of Education in Capitol School Bldg., 14th St. between H and I Sts., Modesto, for the purchase of two 55-passenger school busses.

Specifications obtainable from the above office. 25

26— RAILROADS

January 3, 1946

LOW BIDDERS

INYOKERN, Kern Co., Calif.—H. B. Nicholson, 572 Chamber of Commerce Bldg., Los Angeles, at $213,658, submitted low bid to the office of the officer in charge of construction, Naval Ordnance Test Station, Inyokern, under Spec. No. 17372 for construction of spur trackage, China Lake to K-2 Plate Range at the Naval Ordnance Test Station, Inyokern, for furnishing labor, material and equipment for construction of extension of existing railroad, consisting of approximately 40,680 lin. ft. of trackage, switches, turnouts and appurtenances.

Second and third low bids were:
A. D. Schader, San Francisco, $214,-700.
Haddock Engineers, Ltd., Oceanside, $216,900.

Complete bids will be published shortly. • 26

27— TREASURY DEPT.

January 3, 1946

BIDS WANTED

SAN FRANCISCO.—Until January 17, 2 P. M., bids will be received by the U. S. Treasury, Procurement Division, 30 Van Ness Ave., San Francisco, under Inv. No. SF-2711-46 for flashlights and wrenches, f.o.b. San Francisco. • 27

29— STREETS AND HIGHWAYS

January 3, 1946

NOTICE

SAN JOAQUIN COUNTY, Calif.—A representative of the district office of the State Division of Highways will accompany prospective bidders over the proposed project in San Joaquin County, road X-S.J-5-B, for which bids are to be received in Sacramento on January 16, 1946.

Said representative will meet prospective bidders at north end of project at Mossdale on Thursday, January 10, 1946, at 1 P. M. 29

January 3, 1946

BIDS REJECTED

KERN and VENTURA COUNTIES, Calif.—The Public Roads Administration, Charles C. Morris, division engineer, 720 Phelan Bldg., San Francisco, has rejected bids received December 4 for construction of 8.666 miles of Project Calif. FH-95B, Mt. Pinos, Los Padres National Forest, Kern and Ventura Counties.

Low bid of $491,980.60 was submitted by Oilfields Trucking Co., Box 751, Bakersfield. • 29

January 3, 1946

BIDS WANTED

SEASIDE, Monterey Co., Calif.—Until January 15, 10 A. M., bids will be received by the State Division of Highways, L. H. Gibson, district engineer, 50 Higuera St., San Luis Obispo, for the relocation and reconstruction of improvements to clear right-of-way in Seaside.

Specifications obtainable from the above office. • 29

January 3, 1946

BIDS WANTED

SACRAMENTO, Calif.—Until Jan. 18, 5 P. M., bids will be received by the City of Sacramento, City Hall, Sacramento, for improvement of 58th Street from "M" St. to Folsom Blvd.

Work involves:
(1) 1 ft. apricot stump, remove;
(2) 5 apricot trees, remove;
(3) 1 palm tree, removed;
(4) 35 l.f. hedge fence, removed;
(5) 53 sq. ft. conc. sidewalk, remove
(6) 1552 c.y. excav. and grading;
(7) 2 gutter drains Cut No. 11, reset
(8) 1 do, place;
(9) 28 l.f. 8-in. VI sewer pipe;
(10) 4 concrete manholes, reconstruct
(11) 1 do, construct;
(12) 320 l.f. 6-in. VI sewer pipe, place
(13) six 6x6x4-in. Y's to place;
(14) two 2-in. water services, place;
(15) 14 1-inch do;
(16) 2230 l.f. concrete curb and gutteer Cut No. 13, construct;
(17) 10,035 sq. ft. 3½-in. concrete sidewalks;
(18) 31,925 sq. ft. 5¼-inch asphalt pavement;
(19) 1 street monument.

Specifications obtainable from the above office. • • 21

January 3, 1946

CONTRACT AWARDED

SAN BERNARDINO CO., Calif.—Griffith Co., 1060 S. Broadway, Los Angeles, at $1,386,769.90, awarded contract by the State Division of Highways, G. T. McCoy, state highway engineer, State Bldg., Los Angeles, for about 9.8 miles grading and paving with portland cement concrete between Mulberry St. and Colton, San Bernardino County. • 29

January 3, 1946

NOTICE

COLUSA COUNTY, Calif.—A representative of the district office of the State Division of Highways will accompany prospective bidders over the proposed project in Colusa County, road III-Col-7-A,B, for which bids are to be received in Sacramento on January 16, 1946.

Said representative will meet prospective bidders at north end of project on Tuesday, January 8, 1946, at 10 A. M. • 29

January 3, 1946

BIDS WANTED

SAN MATEO, San Mateo Co., Cal. —Until Jan. 7, 8:00 P. M., bids will be received by the San Mateo City Council, City Hall, for improvement of 29th Avenue between Flores and Edison Streets.

Specifications obtainable from the above office. • • 29

30—RESERVOIRS & DAMS

January 3, 1946

BIDS REJECTED

NAPA, Napa Co., Calif.—Bids received December 28, 7:30 P. M., by the City of Napa, Chas. E. Martin, City Clerk, City Hall, for the construction of a gravity section concrete dam, approx. 50 feet in height, designed to increase the capacity of the existing Eastside Reservoir, were rejected and the project indefinitely postponed.

Plans prepared by A. Kempkey, consulting engineer, Balboa Bldg., San Francisco.

Work involves:
(1a) 200 c.y. removing rock in place;
(1b) 200 c.y. removing loose fill now in place;
(2) 2627 l.f. drilling holes through existing dam;
(3a) 17,500 furnish and place reinf. steel bars 1-in. square firmly grouted in place in holes drilled through the existing dam;
(3b) 3,000 lbs. reinf. steel bars ¾-in. diam. in place in outlet tower;
(4) 4300 c.y. furnish and place concreet in the new dam;
(5) ump sum construct the outlet tower bet. elev. 68.0 and elev. 144.0;
(6) 20 c.y. furnish and place concrete in existing tunnel around 24-in. cast iron pipe which city will install;
(7) 7 0c.y. concrete in place in the parapet wall;
(8) lump sum construct road and drain ditch along and adjacent to parapet wall including clearing, grading and rolling, but not including surfacing;
(9a) lump sum, remove grass, brush trees and roots;
(9b) 4000 c.y. remove earth & loose rock and deposit same in bottom of existing reservoir by sluicing and/or otherwise and thoroughly cleaning ramaining rock surface by washing;
(10A) total items Nos. 1-9, both inclusive;
(10B) total items Nos. 1-8, both inclusive.

Complete bids were:
T. E. Connolly, Inc., 461 Market St., San Francisco, $99,424; (1a) $4; (1b) $4; (2) $2; (3a) $.07; (3b) $.07 (4) $18; (5) $4,275; (6) $18; (7) $30; (8) $4,500; (9a) $500; (9b) $.50.
Chas. L. Harney, San Francisco, $118,434; (1a) $8; (1b) $3; (2) $2; (3a) $.20; (3b) $.09; (4) $22; (5) $5,-000; (6) $42; (7) $42; (8) $950; (9a) $1,400; (9b) $.37. • • 30

January 3, 1946

CONTRACT AWARDED

SAN FRANCISCO.—Piombo Bros. & Co., 1571 Turk St., at $157,274.50, awarded contract by the Public Utilities Commission, Room 287 City Hall, under Spec. 404 for excavation and embankment at Sutro Reservoir in San Francisco. • 30

31—PIPE LINES & WELLS

January 3, 1946

BIDS OPENED

CAMP JOHN T. KNIGHT, Oakland, Alameda Co., Calif.—E. T. Haas Co., Box 411, San Mateo, at $26,448, submitted low bid to the U. S. Engineer Office, 74 New Montgomery St., San Francisco, under Spec. 2335 for construction of 16-inch pipeline crossing at Camp John T. Knight, Oakland.

Pacific Pipe Line Construction Co., San Pablo, $31,249.70.
McGuire & Hester, Oakland, $32,510.
Guerin Bros., South San Francisco, $35,078.
Underground Construction Co., Oakland, $35,998.
Central California Construction Co., San Francisco, $36,962.
A. J. Peters & Son, San Jose, $38,-471.20.
Peter Sorenson, Redwood City, $50,-607.80. • 31

33— WATERWORKS

January 3, 1946

BIDS WANTED

LAKE STEVENS, Wash. — Until January 24, 7 P. M., bids will be received by Public Utilities District No. 1 of Snohomish County, 1917 Hewitt Ave., Everett, Wash., for the construction of a water system at Lake Stevens, near Everett.

The work includes construction of a 250,000-gal. reservoir and installation of two deep well pumps. Pipe and fittings are being purchased separately.

Plans and specifications were prepared by James W. Carey & Associates, engineers, 1917 First Avenue, Seattle, and are available from the latter office upon deposit of $20.00. • • 33

January 3, 1946

CONTRACT AWARDED

SAN FRANCISCO.—Fred T. Fairey, 1874 25th Ave., San Francisco, at $7710.60, awarded contract by the Public Utilities Commission, Room 287 City Hall, under Spec. 408 for installing 6- and 8-inch cast iron mains in Santiago St. and 38th Ave. • 33

January 3, 1946

BIDS WANTED

SAN MATEO COUNTY, Cal.—Until Jan. 10, 10:00 A. M., bids will be received by the County of San Mateo, Frederick Peterson, County Purchasing Agent, Court House, Redwood City, for construction of a 4-in. Class 150 cement lined cast iron bell and spigot pipe water main with gate valves, etc., on Sevier Ave. between Newbridge Ave. and Hamilton Ave., in Newbridge Park.

Work involves:
(1) 2000 l.f. 4-in. cast iron pipe, including bends, tees and crosses;
(2) 2 each 6-in. gate valves (hub type) with connections;
(3) 6 each 4-inch do;
(4) 2 each place only, fire hydrants furnished by county;
(5) 8 each, valve boxes;
(6) 3 each connections with existing 4-in. steel pipe lines.

Specifications obtainable from the office of County Engineer, Court House, Redwood City. • • 33

(Continued on Page Four)

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS

Building Permits, $1,000 and Over, Applied For

SAN FRANCISCO COUNTY

1-STORY CLASS C SKATING RINK
NE. CORNER BALBOA and GREAT HIGHWAY.
Owner—Roller Enterprises, Inc., 930 Market St.
Builder—W. C. Tait, 461 Market St.
Plans by A. R. Williams. $100,000
(Application No 84912)

1-STORY CLASS C CHURCH
SW. CORNER TERRESITA and ARROYO.
Owner—Grace Reformed Church, 1745 Filbert St.
Builder—De Lucca & Son, 1745 Filbert St.
Architect—Not Given. $18,000
(Application No. 84875)

3-STOR YFRAME APARTMENTS
SW. CORNER CLAY and FREEMAN COURT.
Owners—Mr. and Mrs. Pon G. Gee, 23 Wayne Place.
Builder—Not Let.
Architect—Not Given. $16,000
(Application No. 84869)

ALTER GARAGE
1019 CLEMENT STREET.
Owner—Wm. Fisher, 1019 Clement St.
Builder—Not Let.
Architect—Not Given. $15,000
(Application No. 84903)

ALTER RESTAURANT
NE. CORNER BALBOA and GREAT HIGHWAY.
Owner—Beach Enterprises, Inc., 930 Market St.
Builder—W. C. Tait, 461 Market St.
Plans by A. R. Williams. $15,000
(Application No. 84911)

TWO STORES—CLASS C
S. BALBOA 85 ft. W. 38TH AVE.
Owner—Mrs. Stella Rockman, 3700 Cabrillo.
Builder—Not Let.
Architect—Not Given. $10,000
(Application No. 84898)

1-STORY FRAME STORE
NW. CORNER 23RD AVE. and IRVING.
Owner—A. P. Komsthoeft, 320 Judah.
Builder—Henry Doelger, 320 Judah.
Architect—Not Given. $10,000
(Application No 84870)

1-STORY RESIDENCE
W. 24TH AVE. 100 ft. S. RIVERA.
Owne rand Builder—Eric Brink, 3234 Anza.
Architect—Not Given. $7,500
(Application No. 84910)

1-STORY FRAME RESIDENCE
SE. MAJESTIC 169 ft. SW. RIDGE LANE.
Owner and Builder—Lane A. Cogliati, 325 Edna St.
Architect—Not Given. $6,000
(Application No. 84906)

1-STORY FRAME DWELLING
SE. CORNER 15TH and ORTEGA.
Owner and Builder—Henry Doegler, 320 Judah St.
Architect—Not Given. $5,870
(Application No. 84909)

1-STORY FRAME DWELLING
E. 15TH AVE. 51 ft. S. ORTEGA.
Owner and Builder—Henry Doelger, 320 Judah St.
Architect—Not Given. $5,870
(Application No. 84908)

1-STORY FRAME RESIDENCE
W. DOUGLASS 30 ft. N. DUNCAN.
Owner and Builder—H. A. Crocker, 681 Market St.
Architect—Not Given. $5,600
(Application No. 84902)

1-STORY FRAME DWELLING
W. ARCH ST. 200 ft. N. STANLEY.
Owner and Builder—Frank J. Klasser, 125 Arch St.
Architect—Not Given. $4,800
(Application No 84905)

ALTER FLATS
1521 LARKIN STREET.
Owner—D. K. Chang, M. D., 975 Jackson St.
Builder—B. F. Partain, 2858 Santa Clara, Alameda.
Architect—Not Given. $4,500
(Application No 84871)

ALTER OFFICE BUILDING
425 BUSH STREET.
Owner—Patterson & Hall, 425 Bush.
Builder—W. C. Tait Co., 461 Market.
Architect—Not Given. $4,000
(Application No. 84895)

ALTER MARKET
1985 MISSION STREET.
Owner—E. Mulligan, 1985 Mission St.
Builder—V. Masarie, 2550 19th St.
Architect—Not Given. $3,000
(Application No 84872)

ALTER APARTMENT HOUSE
3315 OCTAVIA STREET.
Owner—Hector La Voie, 3315 Octavia.
Builder—Coast Building Co., 744 Harrison St.
Architect—Not Given. $2,500
(Application No. 84891)

ALTER CABINET SHOP
4339 CALIFORNIA STREET.
Owner—F. Sohmer, 4339 California St.
Builder—Day Work.
Architect—Not Given. $1,500
(Application No. 84880)

ALTER STORE AND FLATS
1633 WEBSTER STREET.
Owner—Chris C Daquioag, 1630 Webster St.
Builder—Day Work.
Architect—Not Given. $1,500
(Application No. 84897)

ALTER OFFICE
425 BUSH STREET.
Owner—Patterson & Hall, 425 Bush.
Builder—W. C. Tait Co., 461 Market.
Architect—Not Given. $1,000
(Application No. 84894)

ALTER DWELLING
240 HAZELWOOD.
Owner—Geo. Donlon, 240 Hazelwood.
Builder—A. Anderson, 230 Hazelwood.
Architect—Not Given. $1,000
(Application No. 84876)

ALTER APARTMENTS
1220 PACIFIC AVENUE.
Owner—Calvin Samm, 2048 Market.
Builder—Ira W. Coburn, 2048 Market.
Architect—Not Given. $1,000
(Application No. 84883)

Building Permits, $1,000 and Under, Applied For

SAN FRANCISCO COUNTY

ALTER tavern, $950; 1581 Ellis St; owner, Elias Leider, 572 Bosworth.
ALTER apts, $500; 718 Church St; owner, L P Douglass, premises.
ALTER store, $500; 120 Clement St; owner, T Zimmerman, 437 18th Ave; contractor, Moses Little, 672 17th Ave.
ALTER flats, $400; 1329 Powell St; owner, Miss Wong, 445 Washington St.
ALTER residence $400; 135-A Lexington St; owner Mario Moreno 2020 Thomas Ave.
SIGN $400; 1149 Market St; owner A Katz, premises; contractor, QRS Neon, 690 Potrero Ave.
ALTER store, $236; 1037 Ocean Ave; owner, Louis Nesiel, prem; contractor, D Calestini, 267 Cotter St.
ALTER dwelling, $200; 1336 Steiner; owner, G Stefan, 86 Sanchez; contractor, American Terrazzo Co, 36 Wood St.
SIGN, $150; 501 Monterey Blvd; owner, Rio Grande Oil Co, prem; contractor, Elec Prod Corp, 910 Harrison St.
ALTER flats, $100; 625 Birch St; owner, J J Harris 696 McAllister.

Building Permits, $1,000 and Over, Applied For

ALAMEDA COUNTY

WAREHOUSE, 1-STORY
1919 WEBSTER ST, ALAMEDA.
Owner—G & W Sturtevant, 1034½ Santa Clara Ave.
Contractor—H L Risdon & Sons, 5977 Majestic Ave, Oakland.
Plans by Ben Harry, 2445 Dwight Way, Berkeley. $35,000

ADDITION
2707 ENCINAL AVE, ALAMEDA.
Owner—Wm. Lyerla, 2707 Encinal.
Contractor—Fred F. Borges, 818 Collier Drive, San Leandro.
Architect—Not Given. $4,000

REPAIR FIRE DAMAGE
712 SANTA CLARA AVENUE, ALAMEDA.
Owner — Dr John Ohanneson, 2916 Southwood Drive, Alameda.
Contractor—W A Rose, 478 25th St.
Architect—Not Given. $4,000

ADDITION and Alterations
622 TAYLOR AVE, ALAMEDA.
Owner—Joe Pucci, 628 Taylor Ave.
Contractor—J E Carlson, 3190 Texas St, Oakland.
Architect—Not Given. $3,000

ALTERATIONS
2300 ENCINAL AVE, ALAMEDA.
Owner—Mary Mohoravich, premises.
Contractor—S Lee, 3006 Thompson.
Architect—Not Given. $1,900

MACHINE SHOP
1920 BROADWAY, ALAMEDA.
Owner and Builder—Edward Hollister, 1920 Broadway.
Architect—Not Given. $1,500

ALTERATIONS
1529 PARK ST, ALAMEDA.
Owner—A W Cornelius.
Contractor — Victor K Lassen, 422 41st St, Oakland.
Architect—Not Given. $1,185

ADDITION
1534 WALNUT ST, ALAMEDA.
Owner—Violet Machin, premises.
Contractor—C R Leach, 2329 Pacific.
Architect—Not Given. $1,150

ALTERATIONS AND REPAIRS
1830 SAN ANTONIO Avenue, ALAMEDA.
Owner and Contractor—E J Ried, 1830 San Antonio Ave.

1-STORY BRICK GARAGE
3030-50 E. 14TH ST., OAKLAND.
Owner—William D. Wood, 3001 E. 14th St.
Builder—C. H. Thrams, 1100 6th Ave.
Architects—Donald B. Wirby & Carl Replogle, 409 15th St. $60,000

ALTERATIONS AND ADDITION
2929 TELEGRAPH AVE., OAKLAND
Owner—Truman Co., 2929 Telegraph Ave.
Builder—E. T. Leiter Sons, 811 37th St.
Architect—Miller & Warnecke, Financial Center Bldg. $25,000

2-STORY STORE AND DWELLING
5600-02 E. 14TH ST., OAKLAND.
Owner—Charles F. Swafford.
Builder—H. L. Risdon & Sons, 5977 Majestic Ave.
Plans by Cecil Mayer, 1082 Sterling Ave., Berkeley. $15,000

ALTERATIONS
1800 TELEGRAPH AVE., OAKLAND
Owner—Sterling Furniture Co., 1800 Telegraph Ave.
Builder — Wagner & Martinez, 181 South Park, San Francisco.
Architects—Reynolds & Chamberlain, 3833 Piedmont Ave. $10,000

2-STORY 9-ROOM DWELLING
5965 CHELTON DR., OAKLAND.
Owner—H. V. Boggs, 2328 Bartlett St.
Builder—Doty & Lockwood, 2003 E. 14th St.
Plans by A. G. Lockwood. $9,000

1-STORY 6-ROOM DWELLING
6439 THORNHILL DR., OAKLAND.
Owner and Builder—H. C. Hallenbeck, 1106 Foothill Blvd.
Architect—Not Given. $7,200

1-STORY 6-ROOM DWELLING
6266 MERCED AVE., OAKLAND.
Owner and Builder—C. W. Leekins, 1427 96th Ave.
Architect—Not Given. $6,500

ALTERATIONS
2032 BROADWAY, OAKLAND.
Owners—E. L. Weinberger and S. B. Epstein, 1307 Harrison St.
Builder—California Builders Co., Inc., 350 Hobart St.
Architects—Reynolds & Chamberlain, 3833 Piedmont Ave. $6,000

2-STORY 5-ROOM DWELLING
7529 HILLMONT DR., OAKLAND.
Owner and Builder—Thomas Melling, 2067 San Jose Ave., Alameda.
Architect—Not Given. $4,950

ALTERATIONS
1905 SAN PABLO AVE., OAKLAND.
Owner—Sam Gorden, 1905 San Pablo Ave.
Builder—Fred Gehring, 444 Cayuga Ave., San Francisco.
Architect—Not Given. $3,000

ALTERATIONS
1113 BROADWAY, OAKLAND.
Owner—Mr. Mendelson, 1113 Broadway.
Builder—R. J. Jewell, 445 Bellevue Ave.
Architect—Not Given. $1,500

ALTERATIONS
422 23RD ST., OAKLAND.
Owner—Mt. View Cemetery Association, 422 23rd St.
Builder—F. H. White, 1615 Broadway.
Architect—Not Given. $1,500

ALTERATIONS AND REPAIRS
5455 LAWTON AVE., OAKLAND.
Owner—E. H. Ewing, 5615 Broadway.
Builder—O. L. Burritt, 421 63rd St.
Architect—Not Given. $1,200

1-STORY CONCRETE GARAGE
1363 99TH AVE., OAKLAND.
Owner and Builder—A. H. Christensen, 1359 99th Ave.
Architect—Not Given. $1,000

PERMITS UNDER $1,000

ALAMEDA COUNTY

ALAMEDA

GARAGE $750; 601 Santa Clara Ave; owner, R M Bullington, premises; contractor, Pioneer Builders, 516 San Pablo Ave.
GARAGE, $750; 825 Paru St; owner and builder, H L Miner, 825 Paru.
RE-ROOF, $440; 1611 Santa Clara; owner, Chas Clapp, premises; contractor, Sears, Roebuck & Co, 2633 Telegraph Ave.
GARAGE, $335; 1322 Clinton Ave; owner and builder, Marion Langhorne, 1322 Clinton Ave.
ALTERATIONS, $300; 3009 Fillmore St; owner and contractor, H A Murphy, premises.

BERKELEY

ALTER, $1500; 1503 Grove St; owner, Shepherd, premises; contractor, Peerless Built-In Fixtures, 2608 San Pablo Ave.
ADDITION, $1350; 1045 Creston; owner, J P Thomas, premises; contractor, Geo L Murison, 1069 Cornell Ave, Albany.

OAKLAND

OFFICE, 1-story, $650; 2446 E 12th St; owner and builder, R O Low, 2001 E 27th St.
ALTER, $500; 328 14th St; owner, Mrs Jewett, premises; contractor, A Curley Henrikson, 452 63rd St
ADDITION, $350; 4290 Wilshire Blvd owner and builder, D M Bradley.
REPAIRS, $300; 319 Campbell St; owner, A Velasqueze, 1362 64th Ave; contractor, Reese & Pete, 943 Center Street.
ALTER, $300; 4145 Broadway; owner and contractor, Anderson Carpet Co, 4145 Broadway.
SIGN, electric, $300; 436 11th St; owner and contractor, Key System, 1106 Broadway.
SIGN, electric, $300; 350 17th Street; owner, Prudential Realty & Finance Co, premises; contractor, Spott Elec Co 576 22nd St.
ALTER $250; 3346 Chestnut Street; owner and contractor W J Guess 3346 Chestnut St.
REPAIRS, $250; 41 Tunnel Rd; owner, Claremont Hotel, prem; contractor, Farley Termite Control, 638 16th St.
ALTER, $150; 1534 Holman Rd; owner and contractor, L S Collins, 1534 Holman Road.
SIGN, electric roof, $150; 280 E 18th St; owner, Silvio Sketich, premises contractor, Spott Elec Co, 576 22nd Street.
ALTER, $100; 1220 5th St; owner and contractor, Mose Roach.
ALTERATIONS, $75; 5748 Colton Blvd; owner and contractor, S A Hinton, 5748 Colton Blvd.
ALTER, $50; 4045 E 12th St; owner and contractor, John Thompson, 4045 E 12th St.

SAN MATEO

ALTER STORE, $2,000; 34 E Third Ave; owner, Sees Candy, Inc; contractor, Larsen-Ratto Constr Co.
ALTER store and apt, $3000; 2454 25th Ave; owner, Jos Varsi; contractor, Pacific Constr Co, 24 California St, San Francisco.
SHOP, $4000; 1035 Rembrandt Ave; owner, N L Girard; contractor, L Fanstrum.
DWELLING, $9000; 231 N Idaho St; owner, Sarchiro Karvalsita; contractor, United Constr Co.
DWELLING, $12,000; 541 Parrott Dr; owner and builder, Wm E Johnson, 2613 Isabelle Ave.
ALTER dwelling, $500; 148 N Fremont St; owner and contractor, Wm. C. Neal, 240 Ramona.
DWELLING, $15,000; 719 W Capistrano; owner and builder, J Henry Delaney, 509 Capistrano Way.
ALTER dwelling, $1300; 925 S Fremont; owner, Peter B Tuley; contractor, Chas E Burkhardt.
APARTMENT house, $40,000; 32 Baytree Way; owner, T C Harvey; contractor, Wilfred H May, 1801 Notre Dame, Belmont.
DWELLING, $7000; 311 N Delaware; owner and builder, Percy Brill, 935 S Eldorado.
ALTER and repair dwelling, $500; 70 W St. Inez; owner and contractor, R P Dawson.
DWELLING, $6000; 900 2nd; owner, Ralph Lee, Jr; contractor, Frank Baring.
DWELLING, $8000; 2747 Garfield; owner and builder, Gorham McLeod.
DWELLING, $13,000; 747 Oregon; owner, David Broadhead; contractor, Chas Hammer.
OFFICE $8000; 3700 El Camino Real; owner and builder, Conway & Culligan, Monadnock Bldg., S. F.
ALTER dwelling, $1800; 929 E Grant; owner and contractor, Stanley Fitschen, 929 E Grant Place.
STORES, three, $14,000 each; W ptn Lot 7 Blk 1, 25th Ave; owner, San Mateo Inv Co, 2562 S El Camino Real; contractor, Peninsula Home Builders, 25th and El Camino Real.
DWELLINGS, three, $7000 each; 2201 2207 and 2211 Ensenada Way; owner and builder, John M Johnson, 220 Hazel Ave, Millbrae.

BURLINGAME

ALTERATIONS, $500; Lot 9-D Blk 1; owner, Standard Oil Co; contractor, E W Latimer, 1220 Bernal Avenue.
ADDN to garage, $5000; California Drive; owner, Smallcomb Motor Co; contractor, C H Bessett Bldg Co, 826 Walnut Ave.

PALO ALTO

RESIDENCE and garage, $16,000; 199 Edgewood Drive; owners, Lee and Isabella Williams, San Mateo; contractor, Don Nicholson, Inc, San Leandro.
ALTER and repair apt, $1100; 701 Cowper St; owner, Mrs E B Stone, 705 Cowper St; contractor, Aro & Okerman, Box 433.
ALTER residence, $300; 27 Encina; owner, J Fradenburg.

Plumbing Permits

BERKELEY

1950 Shattuck; owner, ———; dealer, Lass & Son; wash basin.

1998 Shattuck; owner, Neider; dealer, Henry Lee; 2 water closets; 2 wash basins; 2 sinks; 5 drains.

1826 University; owner, Automotive Electric; dealer, H Lee; 2 water closets; 2 wash basins; sink.

2618 Parker; owner, B Lindbloom; dealer, J A Fazio; 4 water closets; 4 wash basins; 8 sinks; 4 showers.

2317 McGee; owner, M Nichols; dealer, W A Bohan; wash basin; bath tub; sink; wash tub.

1703 University; owner, H K Gee; dealer, J H Jevans; wash basin; sink.

1317½ Carrison; owner, ———; dealer, W MacMillan; water closet; wash basin; bath tub; sink.

42 Menlo Place; owner, Tirris; dealer, W MacMillan; sink; wash tub.

2530 Chilton; owner, Craig & Laughton; dealer, W MacMillan; wash basin; sink.

2997 Sacramento; owner, Black & White Liquor; dealer, D Maggio; water closet.

BUILDING CONTRACTS ALAMEDA COUNTY

DWELLING, 5-ROOM
LOT 22 BLOCK S, Colonial Acres.
Owner—Lee W and Crissie Jones.
Architect—Not Given.
Contractor—Elmer L. Leonard.
Filed, Dec. 29, 1945. Dated, ...
Frame up $1250
Plastering Finished 1250
Upon completion 1250
30 days after completion........ 1000
TOTAL COST, $4750
Specifications filed.

BUILDING CONTRACTS SAN FRANCISCO COUNTY

ALTERATIONS
74 OTIS STREET
Owner—Pacific Tel & Tel Co, 442 Bush Street.
Architect—Not Given.
Contractor—Fred W Schell, 666 Mission Street.
Filed, Dec 21, 1945. Dated, ...
Payments Not Given.
TOTAL COST, $4,000

PAINTING AND ALTERATIONS
2272 MISSION STREET.
Owner—Pacific Tel & Tel Co, 442 Bush Street.
Architect—Not Given.
Contractor—N H Sjoberg and Son, 666 Mission Street.
Filed, Dec 21, 1945. Dated, ...
Payments and Total Cost, not Given.

Furnace Permits

OAKLAND

3457 Oak Knoll; owner, Brown; dealer, C W Roland; floor furnace.

3218 62nd Ave; owner, Gervias; dealer, C W Roland; floor furnace.

1180 8th St; owner, King; dealer, Gernhardt & Strohmaier; floor furnace.

1730 9th St; owner, Pellatta; dealer, Gernhardt & Strohmaier; floor furnace.

5630 Hollway; owner, Valla; dealer, Gernhardt & Strohmaier; floor furnace.

1240 94th Ave; owner, Robinson; dealer, G Campbell; floor furnace.

1748 21st Ave; owner, Chulate; dealer, A & C Heating; central furnace.

4327 Park Blvd; owner, Benson; dealer, R J Agers; floor furnace.

3108 Harrison St; owner, Galloway; dealer, R J Agers; floor furnace.

717 26th St; owner, Giovanni; dealer, R J Agers; floor furnace.

8833 Dowling; owner, Dover; dealer, Lass; floor furnace.

276 9th St; owner, Wing; dealer, Aladdin; central furnace.

835 32nd St; owner, McCord; dealer, Aladdin Heating Co; floor furnace.

1056 63rd St; owner, Terrell; dealer, Aladdin Heating & Vent Co; floor furnace.

Building Permits, $500.00 and Over, Issued by the Board of Public Works

SAN FRANCISCO COUNTY

JANUARY 2 1946

Hotel Mark Hopkins; alter hotel; cost $5000; owner Hotel Mark Hopkins.

Cor Crescent and Arnold Avenues; 2-story residence; cost $12500; owner A Berwick.

NW Van Nes Ave and Clay Street; alter store; cost $46000; owner Louis Boisot.

S Gilman 75 W Griffiths; one-story residence; cost $7000; owner Frank O'Rourke.

3315 Octavia St; alter apt house; cost $2000; owner H Lavoie.

392 Guerrero St; alter flats; cost, $1000; owner, P J McGinnis.

1312 Polk St; alter bar; cost, $1800; owner, ...

339 Powell St; alter store; cost, $2800; owner, Maison Mendesolle.

1458 Haight St; alter store; cost, $1200; owner, F W Stanton.

23 Mars St; alter dwelling; cost, $1000; owner, A L Horstmeyer.

5147 Geary Blvd; alter store; cost, $3000; owner, S Hoff.

679 Market St; alter office; cost, $500; owner, Great Northern R. R.

2258 Market St; alter store and dwelling; cost, $750; owner, R Porta.

NW Cor Embarcadero and Jackson; alter bldg; cost, $1000; owner, Wellman Peck Co.

W 15th Ave 6*4, 95, 157 S Pacheco; three 1-story dwellings; cost, $6500 each; owner, Henry Doelger.

N Taraval 95 W 14th Ave; one-story store; cost, $3000; owner, A G Steelman.

23 Mars St; alter dwelling; cost $1000; owner, A L Horstmeyer.

718 Church St; alter dwelling; cost, $500; owner, L P Doudlas.

CESSATION OF LABOR

CONTRA COSTA COUNTY

Recorded Cessation
Dec 24, 1945—PTN RANCHO San Miguel, near Concord. O J Peterman to whom it may concern.. ....December 17, 1945

Completion Notices

SAN FRANCISCO COUNTY

Recorded Accepted
Dec 27, 1945—LOTS 1 to 5 incl Blk 6331 and Lots 21 to 27 incl Blk 6332, Brookdale Terr. Sbarboro & Jorgensen, Inc to whom it may concern..........December 26, 1945
Dec 31, 1945—E 35th AVE 175 N Moraga N 25 x E 120. Jack and Devona Ginsburg to Herbert A Crocker..........December 31, 1945
Jan 2, 1946—14 WILDER Avenue. Peter Mondfraus to whom it may concern..........January 2, 1946

ALAMEDA COUNTY

Recorded Accepted
Recorded Accepted
Dec 29, 1945—LOTS 29 and 30 Blk 13, Las Palmas, Oakland. Fay and Emil Wenzel to Valley and Lincoln & Co..........December 26, 1945
Dec 29, 1945—LOTS 1 to 19 incl Blk D, Tract 705, Eden Twp. East Shore Homes, Inc to P F Heraty..........December 26, 1945
Dec 29, 1945—1045 ELBERT ST, Oakland. H W Fry to whom it may concern..........December 28, 1945
Dec 29, 1945—4366 BROADWAY, Oakland. Joseph J Foster to S W Gaba..........December 19, 1945
Dec 29, 1945 — 5630 BROADWAY Terrace, Oakland. Albert O Ryan to H L Paige..........Dec 21, 1945

CONTRA COSTA COUNTY

Recorded Accepted
Dec 17, 1945—LOT 7 Blk F, Berkeley Highlands, near El Cerrito. Harding T Crandell toA C Burnsell..........December 14, 1945
Dec 17, 1945—PARCAL of land in Section 14, T2N, R1W, nr Pittsburg. Ignazio Frumento to John J Siino ....December 14, 1945
Dec 17, 1945—LOTS 36 and 37 Blk 30, Henderson Tapscott Tract No 1, El Cerrito. Robert W McBride to M Jordan & Son..........December 14, 1945
Dec 18, 1945—PTN LOTS 36 and 37, E T Martin Tract, Walnut Creek. Frank Alman to Miles A Leavens..........December 17, 1945
Dec 19, 1945—LOT 7 Blk 3-W, Rodeo. Jos Longo to Earl Gomez..........December 18, 1945
Dec 21, 1945—LOT 132, Rodeo Vista Unit No 2, Rodeo. Geo Heinemann to Victor Pedro..........December 18, 1945
Dec 21, 1945—LOT 12 Blk V, Berkeley Woods Addn, near El Cerrito. Howard M Hills to Scott W Bonds..........December 17, 1945
Dec 21, 1945—LOT 13, Arlington Pk near El Cerrito. Wm Blackfield to M Jordan & Son..........Dec 15, 1945
Dec 22, 1945—LOT 51, Haciendas del Orinda, Unit No 1, Orinda. Laurien W Hyde to Foster and Dills..........December 20, 1945
Dec 24, '45—2829 SAN PABLO Ave San Pablo. Orlando J Giurlani to Berkeley Renovating Company..........December 19, 1945
Dec 26, 1945—LOT 24 Blk 23, Emeric Sub No 2, near Richmond. Edward Eoff, et al to whom it may concern..........December 22, 1945
Dec 28, 1945—PTN LOT 82, map Sectionization of ptn Rancho Laguna de los Ualos Colorados, Orinda. Seaver A Ballard to The Strang Co..........December 20, 1945
Dec 29, 1945—LOTS 16 and 17, Blk 8, Walls Harbor Center Tr, Richmond. Jack L Butler to Anton Dybdahl..........December 21, 1945

MARIN COUNTY

Dec. 31, 1945—Mill Valley. John R C and Virginia Lewin to whom it may concern..........Dec. 25, 1945

SAN MATEO COUNTY

Dec. 24, 1945—Lot 18, Block 5, Burlingame Grove. Mrs Martha Bohm to Henry Voelker..........Dec. 11, 1945
Dec. 24, 1945—Ptn Lot 6, Beresford Park. Mary J Speck to M F Conwell Building Co..........Dec. 22, 1945
Dec. 24, 1945—Lot 78, College Park. Thomas J Martin to same..........Dec. 24, 1945
Dec. 24, 1945—Lot 28, Block 18, White Oaks. Robert A Wenzel, et al, to Nelson M Welbanks..........Dec. 21, 1945
Dec. 24, 1945—Ptn Lot 60, Laurel Cove etc Farm. Paul R Edwards, etc, to Bernard Wiklander..........Dec. 22, 1945
Dec. 27, 1945—Lot 5, Block 28, White Oaks. Peter C Jacobson to Frank A Poirier..........Dec. 26, 1945
Dec. ...., 1945—Ptn Lots 5 and 6, Block 14, Clarendon Rd, Burlingables. Carrol E Wegener, et al, to Joseph E Bettancourt..........Dec. 24, 1945
Dec. 27, 1945—Lot 4, Block 3, Mason Tract No 2. Thomas E Hubbard, et al, to Henry Voelken.Dec. 20, 1945
Dec. 27, 1945—Lots 8 and 9, Block 1, Oaks Tract No 5. Daniel P Murphy to Brendan & Murphy Realty Co..........Dec. 27, 1945
Dec. 27, 1945—Lot 11, ptn Lot 12, Block 17, Aragon No 5. Thomas C Haley, et al, to Peninsula Home Builders..........Dec. 24, 1945

Non-Responsibility

SAN FRANCISCO COUNTY

Jan 2, 1946—938 MARKET ST and rear exit thru entrance to 32 Mason St. Frank Gentles as to improvements on property.

ALAMEDA COUNTY

Dec 29, 1945—NW LINE on ROSE St 250 ft from S line Prospect St, Hayward. Joe and Nenna Brandon as to improvements on property.

CONTRA COSTA COUNTY

Dec 22, 1945—LOTS 26 and 27 Blk 12, Fay Andrade Tr, Richmond. John F Krenkel, et al as to improvements on property.

Liens Filed

CONTRA COSTA COUNTY

Recorded Amount
Dec 20, 1945—PTN LOTS 120, 157 and 158, ptn Rancho Laguna De Los Palos Colorados, near Lafayette. California Mill & Lumber Co vs A R Moffett, et al......$1,477.97
Dec 20, 1945—PTN RANCHO LAS Juntas, cntg 6.005 acres, near Kalnut Creek. Folger Lumber Co vs Sterns Archibald..........$350.05
Dec 24, 1945—LOT 146, Moraga Estates, near Orinda. Doty & Lockwood vs C W Henrietta, et al....................$2,509.10

Engineering Section

32— SEWERS & SEWAGE DISPOSAL PLANTS

January 3, 1946

BIDS OPENED

KLAMATH FALLS, Ore.—Clifford A. Dunn, Box 431, Klamath Falls, at $84,579 submitted only bid to E. Stanton Foster, assistant development director, FPHA, 346 Skinner Bldg., Seattle, for the construction of a sewer system and treatment plant to serve public housing units and residences occupied by personnel at the Naval Air Station, Klamath Falls.

Plans by Gerald D. Hall, engineer, Larson Bldg., Yakima, Wash.

C. F. Davidson, Tacoma, at $102,000 submitted only other bid. 32

January 3, 1946

BIDS WANTED

SANTA BARBARA, Calif. — Until Jan. 14, 10 A. M., new bids will be received by the Board of Supervisors of Santa Barbara County, Court House, Santa Barbara, for the construction of a sewage dispdsal plant at the Santa Barbara County General Hospital, located on San Antonio Road, about 8 miles north of Santa Barbara.

Plans and specifications available from the office of the Planning Commission and Public Works, Mr. Penfield, Court House, Santa aBrbara, upon deposit of $25.00.

As previously reported. H. B. Nicholson Co. submitted low bid for this project December 24, at $44,753. All bids were rejected as excessive. 32

Machinery & Material

RECLAMATION BUREAU

CENTRAL VALLEY PROJECT, Calif.—Until February 15, 2 P. M., bids will be received by the Bureau of Reclamation, Walker R. Young, chief engineer, Denver, under Spec. 1145 for furnishing and delivering four 50x50 ft. regulating gates for installation in the spillway at Keswick Dam, Kennett Division, Central Valley Project, f.o.b. shipping point and/or Redding.

Specifications obtainable from the above office; no charge to prospective bidders; to others, $1.25, not returnable.

CENTRAL VALLEY PROJECT, Calif.—Until February 1, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Denver, under Spec. 1144 for furnishing and delivering four (4) 230/196-kilovolt, 800-ampere, three-pole, single-throw, outdoor type, 5-cycle, oil circuit breakers; one (1) 230/196-kilovolt, 800-ampere, 3-pole, single-throw, outdoor type, 3-cycle, oil circuit breaker suitable for future 20-cycle automatic reclosing; five (5) 196-kilovolt, 1200-ampere, 3-pole, single-throw, manually-gang operated, outdoor type disconnecting switches; three (3) 196-kilovolt, 1200-ampere, 3-pole selector type, manually-gang operated, outdoor type disconnecting switches with manually-gang operated grounding blades, and three (3) single-pole, thyrite or autovalve, outdoor, station type lightning arresters, designed for suspension mounting and suitable for service on a 230,000-volt, 3-phase, grounded-neutral circuit, for Shasta and Keswick power plants, Kennett Division, Central Valley Project, California. f.o.b. shipping point and/or Coram and Redding.

Specifications obtainable from the above office; no charge to prospective bidders; to others, $1, not returnable.

SAN FRANCISCO CITY

SAN FRANCISCO.—Until January 14, 3 P. M., bids will be received by M. H. Gerry, Purchaser of Supplies, 270 City Hall, under Bid No. 3451 for furnishing and delivering armature and field coils for the Municipal Railway.

Specifications obtainable from the above office.

Electrical Permits

SAN FRANCISCO COUNTY

7142 3060 19th Ave; owner, Smith; contractor, Marine Electric; ....

7143 715 Lincoln Way; owner, Victor Carboni; contractor, Edison Electric; 4 motors.

7144 2206 30th Ave; owner, Pete Gazazzi; contractor, Edison Electric; 11 switches; 9 fixtures; 12 plugs.

7145 2212 30th Ave; owner, Pete Gazazzi; contractor, Edison Electric; 11 switches; 9 fixtures; 12 plugs.

7146 45 Eckner Place; owner, J D Lynch & Co; contractor, Ace Electric; 10 motors.

7147 7 Market St; owner, National Liquor; contractor, QRS Neon Co; sign.

7148 253 Clement; owner, Fourth & Clement Market; contractor, QRS Neon; sign.

7149 349 Clement; owner, Tavern; contractor, QRS Neon Co; sign.

7150 1 Masonic; owner, The Pub; contractor, QRS Neon; sign.

7151 450 Castro; owner, Pace's Liquors; contractor, QRS Neon; sign.

7152 136 Mt Vernon; owner, F C French; contractor, Arc Electric; 1 saw.

7153 4037 Lawton; owner, Davis; contractor, Arc Electric; 2 switches; 3 fixtures; 4 plugs.

7154 235 Bridgeview; owner, Kielsburg; contractor, Arc Electric; 10 switches; 12 fixtures; 10 plugs.

7155 2433 Santiago Ave; owner, M C King; contractor, Arc Electric; 7 switches; 11 fixtures; 10 plugs.

7156 2362 46th Ave; owner, M C King; contractor, Arc Electric; 7 switches; 11 fixtures; 10 plugs.

7157 2328 46th Ave; owner, M C King; contractor, Arc Electric; 7 switches; 11 fixtures; 10 plugs.

7158 2363 46th Ave; owner, M C King; contractor, Arc Electric; 7 switches; 11 fixtures; 10 plugs.

7159 2366 46th Ave; owner, M C King; contractor, Arc Electric; 7 switches; 11 fixtures; 10 plugs.

7160 760 Mission St; owner, ...; contractor, Casey Electric; alterations.

7161 40 Van Ness Ave; owner, L B Morris; contractor, Associated Electric; 16 motors.

7162 50 Van Ness Ave; owner, Fleischman; contractor, Associated Electric; 24 motors.

7163 1462 Market; owner, Domb Mfg Co; contractor, Associated Electric; 7 plugs.

7164 585 Bryant; owner, Inter-City Transit; contractor, Malm & Welter; 1 fixture.

7165 719 Larkin; owner, Diamond Press; contractor, Malm & Welter; 1 fixture.

BERKELEY

401 2315 Shattuck Ave; owner, W H Marston; contractor, Oscar Heede; 2 outlets; 2 switches.

402 1524-26 Spruce; owner, Shultz; contractor, Preston Jones; 15 outlets; 15 switches; 25 plugs; 7 ckts.

403 1452 Bancroft; owner, M B Gross; contractor, Preston Jones; 9 outlets; 10 switches; 14 plugs; three circuits.

404 2938 Avalon; owner, William Fellner; contractor, Preston Jones; 1 outlet; 1 fixture; 13 plugs.

405 1236 Russell; owner, S Bonds; contractor, El Cerrito Electric, 9 fixtures.

406 1312 Carrison; owner, J M Walker; contractor, El Cerrito Elec; 9 fixtures.

407 1310 Carrison; owner, J M Walker; contractor, El Cerrito Elec; 9 fixtures.

408 2766 Acton; owner, ———; contractor, El Cerrito Elec; range.

409 2632 Acton; owner, J M Walker; contractor, El Cerrito Electric; 9 outlets; 10 switches; 14 plugs; 3 circuits.

410 1218 Santa Fe; owner, W H Talbott; contractor, El Cerrito El; 9 outlets; 4 switches; 9 fixtures; 8 plugs; 8 motors; 1 circuit.

411 942 Carlton; owner, G H Denny; contractor, El Cerrito Elec; 19 outlets; 5 switches; 6 plugs; 1 motor; 6 circuits.

OAKLAND

34430 217 5th St; owner, Merritt Metal Co; contractor, Pacific Electrical & Mech Co; 1 switch; 4 plugs; 1 motor.

34431 SE corner MacArthur Blvd and Broadway; owner, Andrew Williams; contractor, Pacific Electrical & Mech Co; 147 fixtures.

34432 1556 7th St; owner, Nick Fakoury; contractor, Pacific Electrical & Mech Co; 2 outlets; 3 fixtures; 1 motor.

34434 1003 Broadway; owner, Half Barrel Cafe; contractor, Pacific Electrical & Mech Co; 1 outlet; 1 switch; 1 fixture; 1 motor.

34435 1684 7th St; owner, Howard's Pool Hall; contractor, Pacific Electrical & Mech Co; 9 fixtures.

34436 321 17th St; owner, California Builders; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

34437 444 E 18th St; owner, Miranda; contractor, Clifford Electric; motors.

34438 1762 Broadway; owner Tiny's; contractor, Spott Electrical; plugs.

34439 6436 Hillegass; owner, Associated Wood Products; contractor, Spott Electric; outlets; switches; fixtures.

34440 26th and Harrison Sts; owner, Don Lee; contractor, T L Rosenberg; outlets; switches; fixtures; plugs; alterations.

34441 3462 Boston Ave; owner, Herman; contractor, Paramount Electric Co; alterations.

34442 510 17th St; owner, Capri's Restaurant; contractor, American Neon Displays, Inc; fixtures.

34443 1545 Franklin St (basement); owner, Sjoberg & Son; contractor, Fred Schmits; 8 outlets; 1 switch; 12 fixtures; 1 plug.

34444 296 26th St; owner, George Maurer; contractor, Fred Schmits; outlets; switches; fixtures; plugs; motors.

34445 1128 Franklin St; owner, George Bellandi; contractor, Fred Schmits; 3 outlets; 1 switch; 3 fixtures.

34446 1128 Franklin; owner, Geo Ballen; contractor, Fred Schmits; 3 outlets; 1 switch; 3 fixtures.

34447 14th Ave and E 8th St; owner, Bekins Van & Storage Co; contractor, T L Rosenberg; outlets; switches; fixtures; plugs.

34448 3134 E 14th St; owner, Aladdin Heating Co; contractor, Matson Electrical Equipment; install heater.

34449 9401 E 14th St; owner, J Casper; contractor, Flagler Electric Co; motors.

34450 508 7th St; The Mayflower Florist; contractor, Spott Electrical Co; 4 plugs.

34451 6717 Mokelumne; owner, Gaumit; contractor, Marelco, Inc; outlets; switches; fixtures; plugs; alterations.

34452 next to 7628 MacArthur Blvd; owner, Risdon; contractor, Marelco, Inc; outlets; switches; fixtures; plugs.

34453 NE corner E 14th St and 7th Ave; owner, Risdon; contractor, Marelco, Inc; outlets; switches; fixtures; plugs; motors.

34454 219 41st St; owner, Anderson & Hoguland; contractor, Clifford Electric; outlets; switches; fixtures; plugs; alterations.

34455 3237 Millsview; owner, Chris Ganiats; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

34456 3067 Reviere St; owner, Rhinehart; contractor, Clifford Electric; outlets; switches; fixtures; plugs; alterations.

34457 SW corner 12th Ave and E 17th St; owner, Chasmar; contractor, Clifford Electric; alterations.

34458 203 Castro St; owner, Atlas Heating; contractor, Clifford Elec; furnace outlet.

34459 263 MacAdam Street; owner, Leiter; contractor, Maxwell Hardware Co; 16 fixtures.

34460 S Topanga Dr off Almanza Drive; owner, Schults; contractor, Johnston Electric Co; motors.

34461 5512 Grove St; owner, Precision Machine Products; contractor, California Electric Co; motors.

34462 5416 Telegraph Ave; owner, Bill; contractor, A L Solari; 5 outlets; 5 switches; 5 fixtures.

34463 1151 61st Ave; owner, Larose; contractor, Shea Electric Co; service.

34464 1728 Market Street; owner, Drummond and Peters; contractor, Scott-Buttner Electric Co; outlets; motors.

34465 NW Fairfax and Foothill Blvd; owner, Standard Oil Co; contractor, Scott-Buttner Electric Co; 4 fixtures.

34466 519 16th St; owner, Esther's Coffee Shop; contractor, Scott-Buttner Electric Co; service.

34467 SE East 14th St and 12th Ave; owner, Special Site Sign Co; contractor, Scott-Buttner Elec Co; 9 outlets; service.

34468 6619-6625-29 Foothill Blvd; owner, Johanson; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs; motor for saw.

34469 1146 88th Avenue; owner, Walker; contractor, Johnston Elec Co; outlets; switches; fixtures; pl.

34470 7100 Spencer; owner, Walker; contractor, Johnston Electric Co; switches; fixtures; plugs.

34471 1054 85th Ave; owner, J M Walker; contractor, Johnston Elec Co; outlets; switches; fixtures; pl.

34472 1045 86th Ave; owner, J M Walker; contractor, Johnston Elec Co; outlets; switches; fixtures; pl.

34473 1232 86th Ave; owner, Walker; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

V

National Timber

(Continued from Page One)

repair of timber structures and included detailed discussions of specific problems found in the field. Among the topics were: tree characteristics, strength, commercial grades of lumber, inspection services, lumber standards and definitions, handling and storage, seasoning, fastenings, structural design, fabrication, preservation, termite protection, fire retardant treatment, painting, marine borer protection, and plywood. Important points were demonstrated by specimens, tests, and illustrations.

The sessions were attended by 28 Army and Navy engineering personnel representing the Repairs & Utilities and Engineering divisions, Office of the Chief of Engineers; South Atlantic Division, and each of the nine Service Commands; Design and Construction divisions, Navy Bureau of Yards & Docks, and the Superintending Civil Engineer, Fifth Naval Dist.

Classified Advertising

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CALIFORNIA STATE LI

PLANS and Speculations

Possibility that walnut packing plants will be erected in YUBA CITY and COLUSA were seen following a recent meeting of growers from Colusa, Sutter, Yuba and Glenn counties. It was recommended that plants be constructed in Yuba City and Colusa, and in this behalf, the Colusa delegation stated that it had a fund of $25,000 available as a nucleus for the construction of a plant on a site which has been obtained with frontage on the railroad and state highways.

oOo

Second largest single moving job ever undertaken in MARIN county (clearing of the right-of-way for the San Rafael Highway 101 overpass) is about to be undertaken by the Division of Highways. The job is the setting back of all buildings along the west line of the highway through the town of NOVATO where widening of the highway to four lanes with a wide dividing strip in the center and service road on both sides is to be started within the next few weeks.

oOo

Bridge experts have estimated the cost of the Butte Creek bridge, on the proposed Chico - Paradise cutoff road, and Bidwell Bar Bridge far below the figures previously estimated. Two representatives of the Donald R. Warren Company of San Francisco, made the following estimates: For the Butte Creek Bridge $55,000 for a 293-ft. crossing, or $60,000 for a 330-ft. span, plus $3490 for plans and specifications. oFr the Bidwell Bar Bridge, $75,000 for an 80-ft. central span bridge, $85,000 for a 125-ft. span, plus $4275 for engineering fees.

oOo

"There will be no restrictions on public works legislation," says Governor Warren of California. The Public Works Construction fund will total $235,000,000. In addition to the $90,000,000 postwar construction fund authorized, the governor intends to ask legislators to consider $145,000,000 which is in the general postwar reserve fund. Warren said he wants to finance the veterans' housing program from the $90,000,000 fund. New state hospitals, prisons, office and other buildings will cost about $153,000,000, he has estimated.

oOo

New construction totaling $78,075,000 to relieve acute overcrowding in California mental institutions was included in a recent lan. The proposed program would include seven new institutions as well as additions and improvements to present facilities.

oOo

Expansion of the TULARE-KINGS county tuberculosis hospital at Springvale is recommended in the annual report of Dr. A. J. Winn, medical director of the sanitarium. Three steps are included in the program: First, the replacement of the open type pavilion for male patients by a modern two-story, concrete building housing 140 beds. Second, the remodeling of the building originally built as the childrens' preventorium for semi - ambulatory patients; and third, the enlargement of the housing facilities for nurses.

Arizona Has $640,465,000 Bureau Program

The Bureau of Reclamation has authorized twelve major projects in its proposed postwar program for Arizona. The work will involve constructing canals, earth and concrete dams, tunnels, power plants, transmission lines and numerous miscellaneous projects. The plans are now under way and are being prepared by the Denver office.

Following is a list of the projects including their location, principal structures, estimated cost and construction period:

1. Gila, Mesa Unit; Colorado River; canals and pumps; $3,580,000; 17 months for completion.
2. Davis Dam; Colorado River; earth dam; $41,200,000; 40 months for completion.
3. Boulder Canyon; Colorado River; power installation; no cost estimated; 24 months for completion; additional installation 287,500 kilowatts remaining capacity; to be installed.
4. Parker Dam Power; Colorado River; transmission lines; $5,010,000; 24 months for completion.
5. Gila, Wellton-Mohawk Unit; Colorado River; canals and pumps; $9,420,000; 17 months for completion.
6. Bridge Canyon; Colorado River; concrete dams, power plant; $207,432,000; 73 months for completion; 750 kilowatts to be installed.
7. Bill Williams Alamo Reservoir; Williams River; concrete dams; $3,200,000; 24 months for completion.
8. Colorado Phoenix Div.; Colorado River; tunnels, aqueduct and canals; $333,000,000; 122 months for completion; 1,110,000 kilowatts to be installed.
9. Chino, Snowflake, Winslow, Hassayampa, Holbrook and Misc.; Little Colorado River; earth dams and canals; $16,633,000; 24 months for completion.
10. Buttes; Gila River; concrete dam, power plant; $7,000,000; 25 months for completion; 10,000 kilowatts to be installed.
11. Coconino; Little Colorado River; concrete dam; $4,000,000; 25 months for completion.
12. Sentinel; Gila River; earth dam; $10,000,000; 27 months for completion.

MANUFACTURING EMPLOYMENT SHOWS RISE

Employment in 25 manufacturing industries surveyed each month by the National Industrial Conference Board rose .8 per cent in October after a record-breaking slump of 13.1 per cent in September, the conference board reported.

The rise was only the second monthly gain to be recorded since November 1943. With the exception of September, the Board's index of employment was lower in October than in any month since September, 1940. The drop from October last year was 24.5 per cent. However, the number of employed workers was 22.3 per cent higher than in the month before outbreak of the war.

The shift in employment distribution noted in September continued in October, the conference board said, with the percentage of women dropping from 23.5 to 22.8, and that of skilled males increasing from 62.8 in September to 63.3 in October.

October payrolls in the 25 manufacturing industries, like employment, recorded a slight rise, increasing .4 per cent over the September total. Twelve industries showed larger payrolls than in September, 12 reported smaller payrolls, and one indicated no change. The largest increase was 17 per cent in automobile manufacturing, while the largest decrease was 13.6 per cent in agricultural implements. Between October, 1944, and October, 1945, payrolls of the 25 industries combined showed a drop of 30.3 per cent, but they were still 104.3 per cent higher than in August, 1939, just prior to the start of the war.

The average work week for the 25 industries combined was little changed in October, increasing only .1 hour. Individual industries, however, recorded sharp fluctuations, ranging from a decrease of 8.4 per cent in agricultural implements to a rise of 7.3 per cent in automobile manufacturing.

Average hourly earnings of production and related workers dropped .6 per cent from September to October to an average of $1.079 for the 25 industries, continuing the decline begun in July. Although average hourly earnings have decreased 2.9 per cent since the peak reached in June this year, they were still 49.9 per cent higher in October than in August, 1939, and 42.2 per cent greater than in January, 1941, the month used as the base date for the Little Steel formula.

Weekly earnings averaged $45.58 in October, only 15 cents or .3 per cent less than in September.

V

NEW QUARTERS

George Belcher, lathing contractor, is moving into new quarters at 3330 San Bruno Ave. Besides larger offices at the new location, Mr. Belcher plans expansion of his warehouse. The telephone number is JUniper 4-6856.

Bidwell Bar Dam Urged For First Construction

Bidwell Bar Dam, reservoir, and power plant, a multiple-purpose project to be constructed on the middle fork of the Feather River eight miles east of Oroville, are recommended for immediate construction as part of a 15-year building program by the United States Bureau of Reclamation in its Central Valley Basin Report.

The Basin Report, including the Bidwell Bar Project, has been completed by engineers of the Bureau's Sacramento office and has been sent to Washington for official approval by the Secretary of the Interior and the Commissioner of Reclamation. Prior to submission of this report to Congress, it had been sent for comment to Governor Warren and the Secretary of War.

This project, if approved and financed by Congress, will:

(1). Provide irrigation, flood control, domestic water supply, power, recreation, and other benefits for a large area lying within the Feather River region between Chico to the north and Bear River to the south, and between Oroville and Butte Creek.

(2). Furnish a full water supply for irrigating approximately 100,000 acres of land now unirrigated and a supplemental water supply to approximately 170,000 acres now irrigated by Feather River water. It is estimated that some 40,000 acres of land not now irrigated could be brought under irrigation by 1960. Water not now required for local irrigation could be made available for export to the San Joaquin Valley through the Central Valley system. The lands that would be supplied with the irrigation water are all included in Butte, Sutter, and Yuba counties. The ultimate irrigation development of lands not now irrigated would make possible new farms that would support some 22,500 people on farms and in nearby communities. The new farms would produce an estimated $7,500,000 in annual crops and would add at least $12,500,000 a year to the present retail sale of goods in the three counties.

(3). Generate over 100,000 kilowatts of capacity producing an average annual output of 310,000,000 kilowatt-hours of hydroelectric energy. In addition to the Bidwell Bar Dam and powerhouse, it is proposed to construct the Elbow Afterbay and Power Plant with 20,000 kilowatt capacity capable of producing an average output of 100,000,000 kilowatt-hours of energy. This would be located on the main Feather River, near Oroville, downstream from Bidwell Bar Reservoir and would be for the purpose of re-regulating the daily power releases from the main reservoir and power plant.

(4). Provide an adequate supply of mountain water for Oroville and the suburban area nearby.

Bidwell Bar Dam would be one of the highest dams in the Reclamation Bureau system. The maximum height of the dam would be 679 feet above the streambed. It would have a length of 2,100 feet providing capacity in the reservoir for 1,200,000 acre-feet of water, covering an area of 5,800 acres. The lake would back up the middle fork of the Feather to about 11 miles and the south fork to about eight miles.

The estimated cost of the Bidwell Bar Dam reservoir and two power plants would be about $70,000,000. Projected for later development is a distribution system for the 40,000 acres of new land that might be brought under irrigation in the next 15 years. This distribution system would add $2,000,000 (at 1940 prices) to the cost.

Board Sees 1946 Electrical Gear Production Peak

A new all-time high in production of electric power plant equipment is expected in 1946, with utility companies anticipating that electrical energy requirements in 1947 will surpass wartime peak consumption, the National Industrial Conference Board reported today.

Three factors are prominent in this optimistic outlook, according to the conference board:

1. Anticipated expansion in electric production capacity.
2. Heavy demand for industrial electric equipment that will consume a large part of this power increase.
3. Prospects for extensions of service lines to agricultural areas in the next three years.

"Rapid expansion of electric power production for war purposes," the conference board said, "was accomplished with a relatively small addition to plant and equipment. Consumption jumped 73 per cent while additions to plant and equipment amounted to only 26 per cent. This situation followed the decision in 1942 to eliminate all but the most critically needed power plant construction, in order to meet the demands of war agencies. Drastic changes in distribution methods were necessary to avoid serious power shortages. Normal competitive methods were abandoned and replaced by a gigantic power pool.

"With a return to peacetime conditions, there is a need for an extensive expansion program. This is reflected in the current heavy burden placed on operating capacities of electrical equipment plants. Customers are making active inquiries as to time of delivery of urgently needed equipment. In several lines, consumers will be served sooner than had been anticipated while in other lines deliveries will be delayed. Deliveries for maintenance and repair will be given first consideration.

"Prices will remain at current levels for the time being, although increased labor and overhead costs may subsequently force pressure for higher prices."

GROOVER AND I

ATLANTIC CROSSINGS

Mrs. Eleanor Roosevelt is on her way to London as one of the United States delegates to the UNO Assembly.

★ ★ ★

Shortly after her entry into the White House, Mrs. Roosevelt commercialized her position by writing a highly profitable column of daily chit-chat regarding the doings of the First Lady. Many claim this soon developed into a propaganda device for the Port Watch.

★ ★ ★

Despite the commercial aspect of this journalistic venture, everyone pulled their punches because, after all, she was the First Lady.

★ ★ ★

Now her status changes. She is a Federal employee, on the taxpayers' payroll at $12,000 per year, and as such employee is in the Public Domain. From here on out she should be standing on her own feet.

★ ★ ★

Traveling westward on the Atlantic and arriving tomorow is a Sites Committee who will make final recommendation on a homesite for UNO.

★ ★ ★

This committee will view proposed locations in the vicinity of Boston—before deciding upon Hyde Park.

V

EXTENSION COURSES

The University of California announces several extension courses given in San Francisco, Oakland, and Berkeley on Soil Mechanics, Structural Detailing and Elementary Design, Reinforced Concrete Design, Earthquake-Resistant Design, Design of Dams, and Cost Estimating for Construction. For information call University extension centers in San Francisco, Oakland and Berkeley.

V

PARTNERSHIP ANNOUNCED

Frank D. Smith and Angelo J. Daneri announce formation of a partnership to operate as contracting plasterers under the firm name of Smith and Daneri. They will continue to do business at the same address, 375 Bayshore Blvd., San Francisco. Telephone MIssion 3311 - 3312.

SEA To Hold Meeting Monday January 7th

On Monday, January 7th, the Structural Engineers Association of Northern California will hold their regular meeting.

President William Adrian states that it is necessary that every available member attend this very important meeting, as many representative leaders of the city have been invited to be present.

Ralph G. Wadsworth, City Engineer of San Francisco and Past President of the San Francisco Section, American Society of Civil Engineers, will speak on "Engineering Problems of the City of San Francisco."

It is pointed out that during the postwar period the City of San Francisco will be faced with many engineering problems, the solution of which will require the highest engineering talent. As engineers, the members of the Association should be particularly interested in hearing what these problems are.

Place: Engineers Club, 206 Sansome Street.
Assembly: 5:30 p. m.
Dinner: 6:15 p. m. ($1.50).

V

Nevada AGC Elects Officers

E. J. Maupin, Jr., of Fallon, president of the Dodge Corp., Inc., was elected president of the Nevada chapter of the Associated General Contractors of America, Inc., at its annual meeting held in Reno.

Vice presidents are Earl Games and Ludwig Flyge of Reno, and C. V. Isbell, president of Isbell Constr. Co., was elected treasurer.

William J. Cashill, recently returned from naval service, was reappointed attorney for the association, and Charles L. Hill was reappointed secretary-manager.

Directors of the association are Roy Cram and O. J. Scherer of Las Vegas, E. J. Maupin, Jr., of Fallon, Ludwig Flyge, Earl F. Games, F. R. Smith, and C. V. Isbell of Reno.

Two new members, Barney H. Stoutenburg and Geo. E. Miller, were approved for membership.

V

ARCHITECT OPENS OFFICE

Frederick B. Barss, Architect, announces the opening of an office for the general practice of architecture at 268 Market St., San Francisco 11. Telephone SUtter 8854.

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OFFICIAL PROPOSALS

Highway Improvements, Kings County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on January 16, 1946, at which time they will be publicly opened and read in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Kings County, between 5th Standard Parallel South and 1.5 miles North (VI-Kin-125-D), about one and five-tenths (1.5) miles in length to be graded and surfaced with road-mixed surfacing.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity)	1.70
Concrete vibrator operator	1.25
Flagman	1.00
Jackhammer operator	1.25
Laborer	1.00
Motor grader operator	1.85
Oil distributor bootman	1.00
Oiler power shovels or cranes	1.25
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.4375
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.3125
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.25
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.0625
Truck driver (less than 4 cubic yards water level capacity)	0.90
Any classification omitted herein not less than	1.00

Overtime — One and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen) — One and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (See said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated December 21, 1945.
(Daily Pacific Builder)
(Dec. 21-28, '45, Jan. 4 '46)

Highway Improvements, San Joaquin County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on January 16, 1946, at which time they will be publicly opened and read, in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

San Joaquin County, between Grant Line Road and Mossdale (X-SJ-5-B), about three and eight-tenths (3.8) miles in length to be graded and paved with Portland cement concrete.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Skilled Labor	
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.375
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity and paving type)	1.70
Mechanical tamper and finisher operator (concrete or asphalt)	1.70
Motor grader operator	1.85
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.4375
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.3125
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.25
Intermediate Grade Labor	
Concrete vibrator operator	1.25
Headerboard man	1.375
Jackhammer operator	1.25
Oil distributor bootman	1.00
Oiler power shovels or cranes	1.25
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.0625
Truck driver (less than 4 cubic yards water level capacity)	0.90
Unskilled Labor	
Flagman	1.0625
Laborer	1.0625

Positions not listed above will be allocated in accordance with the definitions which appear in the special provision, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.25 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.00 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.00 per hour.

Overtime—One and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—One and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposed to be done will be financed in whole or in part with Federal funds and that therefore all of the applicable Federal statutes, rules, and regulations will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifications regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications, regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (see said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated: December 21, 1945.
(Daily Pacific Builder)
(Dec. 21-28, '45, Jan. 4 '46)

Highway Imp.—Tehama County
(II-Teh-3-D)

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock P. M., on January 16, 1946, at which time they will be publicly opened and read in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Tehama County (II-Teh-3-D) at various locations between Los Molinos and Red Bluff, five reinforced concrete slab bridges to be constructed and two existing concrete bridges to be widened.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per Hour
Skilled Labor	
Carpenter	$1.375
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity)	1.70
Motor grader operator	1.85
Operator of power shovel or other excavating equipment, shovel type controls (up to and including 1 cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over 1 cubic yard)	2.00
Pile driver hoistman or operator	1.85
Pile driver man	1.61
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.4375
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.3125
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.25
Intermediate Grade Labor	
Concrete vibrator operator	1.25
Jackhammer operator	1.25
Oil distributor bootman	1.00
Oiler power shovels or cranes	1.25
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.0625
Truck driver (less than 4 cubic yards water level capacity)	0.90
Unskilled Labor	
Flagman	1.00
Laborer	1.00

Positions not listed above will be allocated in accordance with the definitions which appear in the special provisions, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.25 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.00 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.00 per hour.

Overtime: one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen): one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposed to be done will be financed in whole or in part with Federal funds and that therefore all of the applicable Federal statutes, rules, and regulations will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifications regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications, regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (See said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY
State Highway Engineer
Dated: September 21, 1945.
(Daily Pacific Builder)
(Dec. 21, 28, 1945; Jan. 4, 1946)

Highway Imp.—Tehama County
(II-Teh-3-C)

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock P. M., on January 16, 1946, at which time they will be publicly opened and read in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Tehama County, between 6 miles north of Red Bluff and Shasta County line (II-Teh-3-C), about seven and one-tenth (7.1) miles in length to be graded and surfaced with plant mixed surfacing on cement treated base.

Bids are required on the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per Hour
Skilled Labor	
Asphalt plant dryerman or fireman	1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.375
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity)	1.70
Motor grader operator	1.85
Operator of power shovel or other excavating equipment, shovel type controls (up to and including 1 cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over 1 cubic yard)	2.00
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.4375
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.3125
Truck driver (8 cubic yards less than 14 cubic yards water level capacity)	1.25
Intermediate Grade Labor	
Concrete vibrator operator	1.25
Jackhammer operator	1.25
Oil distributor bootman	1.00
Oiler power shovels or cranes	1.25
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.0625
Truck driver (less than 4 cubic yards water level capacity)	0.90
Unskilled Labor	
Flagman	1.00
Laborer	1.00

Positions not listed above will be allocated in accordance with the definitions which appear in the special provisions, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.25 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.00 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.00 per hour.

Overtime: one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen): one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposed to be done will be financed in whole or in part with Federal funds and that therefore all of the applicable Federal statutes, rules, and regulations will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifications regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications, regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (See said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY
State Highway Engineer
Dated: September 21, 1945.
(Daily Pacific Builder)
(Dec. 21, 28, 1945; Jan. 4, 1946)

Highway Imp.—Corusa County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p. m. on January 16, 1946 at which time they will be publicly opened and read in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Colusa County, between three miles north of Arbuckle and four miles south of Williams (III-Col-7-A,B), about three and three-tenths (3.3) miles in length to be graded and surfaced with plant-mixed surfacing on cement treated base and a reinforced concrete bridge to be constructed across Cortina Creek.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per Hour
Skilled Labor	
Asphalt plant dryerman or fireman	1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.375
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less.)	1.45
Concrete mixer operator (over one cubic yard capacity)	1.70
Motor grader operator	1.85
Operator of power shovel or other excavating equipment, shovel type controls (up to and including 1 cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Pile driver hoistman or operator	1.85
Pile driver man	1.61
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.4375
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.3125
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.25
Intermediate Grade Labor	
Concrete vibrator operator	1.25
Jackhammer operator	1.25
Oil distributor bootman	1.00
Oiler power shovels or cranes	1.25
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.0625
Truck driver (less than 4 cubic yards water level capacity)	0.90
Unskilled Labor	
Flagman	1.00
Laborer	1.00

Positions not listed above will be allocated in accordance with the definitions which appear in the special provisions, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.25 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.00 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.00 per hour.

Overtime: one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen): one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposed to be done will be financed in whole or in part with Federal funds and that therefore all of the applicable Federal statutes, rules, and regulations will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifications regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications, regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (See said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY
State Highway Engineer
Dated: December 21, 1945.
(Daily Pacific Builder)
(Dec. 21, 28, 1945, and Jan. 4, 1946)

Highway Improvements, San Mateo County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on January 16, 1946, at which time they will be publicly opened and read in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

San Mateo County, over Bay Shore Freeway at Peninsular Avenue, in the City of San Mateo (IV-S.M-68-SM), a structural steel overcrossing to be constructed.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate Per Hour
Skilled Labor	
Carpenter	$1.50
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity)	1.70
Derrick operator	2.00
Electrician	1.70
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	2.00
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.25
Painter (brush)	1.50
Painter (structural steel)	1.75
Pile driver hoistman or operator	1.85
Pile driver man	1.61
Reinforcing steel worker	1.50
Roller operator	1.65
Structural steel worker	1.75
Tractor driver	1.70
Truck driver (over 8½ cubic yards water level capacity)	1.50
Truck driver (over 7½ cubic yards up to and including 8½ cubic yards water level capacity)	1.3125
Truck driver (over 6½ cubic yards up to and including 7½ cubic yards water level capacity)	1.25
Truck driver (over 5½ cubic yards up to and including 6½ cubic yards water level capacity)	1.1875
Truck driver (over 4½ cubic yards up to and including 5½ cubic yards water level capacity)	1.125
Intermediate Grade Labor	
Concrete vibrator operator	1.25
Jackhammer operator	1.25
Oiler power shovels or cranes	1.40
Truck driver (over 3½ cubic yards up to and including 4½ cubic yards water level capacity)	1.1125
Truck driver (over 2½ cubic yards up to and including 3½ cubic yards water level capacity)	1.03125
Truck driver (2½ cubic yards water level capacity or less)	0.96875
Unskilled Labor	
Flagman	1.00
Laborer	1.00

Positions not listed above will be allocated in accordance with the definitions which appear in the special provisions, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.25 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.00 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.00 per hour.

Overtime—One and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—One and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposed to be done will be financed in whole or in part with Federal funds and that therefore all of the applicable Federal statutes, rules and regulations will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifications regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications, regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (See said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated: December 21, 1945.
(Daily Pacific Builder)
(Dec. 21-28, 1945, Jan. 4, 1946)

Highways Improvements—Solano County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on January 23, 1946, at which time they will be publicly opened and read in the Assembly Room of said building, for constructing city street in accordance with the specifications therefor, to which special reference is made, as follows:

Solano County in the city of Vallejo, Waterfront Road, between Virginia Street and Santa Clara Street (X-Sol-Waterfront Road), about three-tenths (0.3) mile in length, to be graded and paved with asphalt concrete on crusher run base.

Bids are required on the entire work described herein.

This is a National Defense Contract

Under the Defense Highway Act of 1941

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per Hour
Skilled Labor	
Asphalt plant mixer operator	$1.45
Asphalt spreading machine operator	1.75
Carpenter	1.50
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity)	1.70
Mechanical tamper and finisher operator (concrete or asphalt)	1.70
Motor grader operator	1.85
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	2.00
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.25
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (8 cubic yards water level capacity or more)	1.50
Truck driver (6 cubic yards and less than 8 cubic yards water level capacity)	1.25
Truck driver (4 cubic yards and less than 6 cubic yards water level capacity)	1.10
Intermediate Grade Labor	
Asphalt plant dryerman or fireman	1.40
Concrete vibrator operator	1.25
Jackhammer operator	1.25
Oil distributor bootman	1.00
Oiler, power shovels or cranes	1.40
Truck driver (less than 4 cubic yards water level capacity)	1.00
Unskilled Labor	
Flagman	1.00
Laborer	1.00

Positions not listed above will be allocated in accordance with the definitions which appear in the special provisions, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.10 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.00 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.00 per hour.

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposed to be done will be financed in whole or in part with Federal funds and that therefore all of the applicable Federal statutes, rules, and regulations will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifications regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications, regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposl Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (See said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated December 28, 1945.
(Daily Pacific Builder)
(Dec. 28, '45-Jan. 4-11, '46)

Highway Imp.—San Joaquin County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p. m. on January 23, 1946 at which time they will be publicly opened and read in the Assembly Room of said building for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

San Joaquin County, about six miles east of Tracy (X-SJ-5-B), two bridges to be constructed, one a steel beam span bridge on concrete pile bents across Paradise Cut and the other a reinforced concrete slab bridge on concrete pile bents across Paradise Cut overflow.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per Hour
Skilled Labor	
Carpenter	$1.375
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity)	1.70
Derrick operator	2.00
Operator of power shovel or other excavating equipment, shovel type controls (up to and including 1 cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over 1 cubic yard)	2.00
Painter (brush)	1.375
Pile driver hoistman or operator	1.85
Pile driver man	1.61
Reinforcing steel worker	1.50
Roller operator	1.65
Structural steel worker	1.75
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.4375
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.3125
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.25
Intermediate Grade Labor	
Concrete vibrator operator	1.25
Jackhammer operator	1.25
Oiler power shovels or cranes	1.25
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.0625
Truck driver (less than 4 cubic yards water level capacity)	0.90
Unskilled Labor	
Flagman	1.0625
Laborer	1.0625

Positions not listed above will be allocated in accordance with the definitions which appear in the special provisions, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.25 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.00 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.00 per hour.

Overtime: one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen): one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposed to be done will be financed in whole or in part with Federal funds and that therefore all of the applicable Federal statutes, rules, and regulations will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifications regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications, regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (See said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY
State Highway Engineer
Dated: December 28, 1945.
(Daily Pacific Builder)
(Dec. 28, 1945; Jan. 4, 11, 1946)

CHALMER MUNDAY
Attorney-at-Law - Notary Public
Bankruptcy, Mechanics' Lien
Builders' Contracts
Financial Center Bldg. — DO 4070

FOR BETTER BUILDING
NEWS OF MATERIALS, EQUIPMENT AND METHODS

WEATHER CONTROL

Based on the reversible cycle heat pump principle, a new compact, fully automatic unit, the "Reversatemp", is said to keep room temperature constant despite outside weather conditions, the unit alternating between heating and cooling hourly if necessary. Units are available in sizes suitable to small homes or large buildings such as office buildings, hotels, etc. The smallest unit fits into a 3½ by 5 by 7 ft. space. Drayer-Hanson, 738 E Pico Blvd., Los Angeles 21.

—#—

PLASTICS
Classification Issued

Culminating over two years of concentrated effort on the part of technicians in the plastics industry, the Society of the Plastics Industry Inc., has just issued a classification of plastics molding materials.

The classification is aimed to provide data comparable to that which has been available to those employing wood, metals and other materials in their operations. It presents in chart form a guide to the various properties of plastics molding materials as established by the material makers and molders. Both thermosetting and thermoplastic materials are included and values shown for their mechanical, electrical, optical, thermal, chemical and aging properties.

Copies of the classification chart and explanation are available upon request to The Society of the Plastics Industry, Inc., 295 Madison Ave., New York 17.

Flame-Resistant Plastic

A new flame-resistant Thalid impression molding resin, "Thalid XR540", has been announced by the Plastics Division of Monsanto Chemical Co. The material is said to be the first commercially available impression molding resin that provides plastics-glass cloth laminates which are self-extinguishing and do not support combustion. Among uses of impression moldings are large aircraft components, chairs tables and cabinets, and one-unit wall panels.

Acid-Resistant Wood

Structures exposed to the rapid deterioration caused by contact with acid solutions or fumes can be made acid-resistant, it is claimed, through use of "Asidbar", a plastic-impregnated wood recently developed.

The wood already has been tested in such applications as in a spray type pickling machine, fume ducts, stacks to exhaust acid vapor and for covering the concrete floors and foundations under an elevated acid tank to protect the concrete against acid spillage. Use for greenhouse construction to ward off the destructive effects of moisture and decay is now being explored. Koppers Wod Preserving Technical Division, Orrville, O.

Permanently Flexible Resin

Development of a new thermosetting resin demonstrating all the advantages of the low pressure type plus permanent flexibility is announced by the Resinous Products & Chemical Co. of Philadelphia. Known as "Paraplex P-10", the resin was designed primarily for the laminating industry but is also being used to impregnate single or multiply decorative fabrics and glass cloth and as a casting or potting compound where fiber reinforcement is unnecessary.

Plastic Upholstery

Formerly manufactured from pure rubber and ground leather fibers, the upholstery material known as "U. S. Naugahyde" has had, since the advent of the war, a synthetic vinyl resin compounds base.

The new plastic Naugahyde is said to be impervious to water, perspiration and alcohol, and highly resistant to fire, acids and alkalies, gasoline, oils and greases. It is unaffected by sunlight, resists abrasive wear and scuffing. The material will be available in a wide range of colors and a variety of finishes. U. S. Rubber Co., Coated Fabrics Division, 407 N. Main St., Mishawaka, Ind.

Awning Fabric

A coated awning fabric, "Textasote G", a plastic coated duck, is said to be flame resistant, mildew resistant, washable, with excellent aging characteristics. Manufactured in brilliant colors and vivid designs, the new fabrics are also suitable for deck chairs, porch furniture upholstery, luggage, seat covers, etc. The Pantasote Leather Co., 444 Madison Avenue, New York City.

—#—

"HOUSE OF GLASS"

A novel idea in retail selling is the Macy's - Libbey - Owens - Ford House of Glass which opened in September in Macy's New York store. A permanent department of the store, it features the correlated showing of all types of glass and mirror items. Everything from Thermopane (insulated) windows and vitrolite walls down to a small mirror for a dressing table can be purchased there, complete with full installation service.

Both the selling space and the model rooms adjoining the shop emphasize the useful beauty of glass. The model dining room. for instance, has a window wall of Thermopane; the kitchen, vitrolite walls and cabinets with sliding patterned glass doors.

—#—

BUILT-IN RADIO

Designed specifically for built-in installations, the "Ansley Paneltone" is built on a heavy steel panel and requires only 4½ inches of depth. Two models are offered: a seven tube set on a 14 by 14 in. panel furnished in either AC or AC-DC currents and a 17 tube de luxe model giving both FM and regular broadcast reception and requiring only 14 by 26 in. Ansley Radio Corp., Long Island City, N. Y. Paneltone Corp., 1841 Broadway, New York, distributors.

—#—

PARTITION PASSES FIRE TEST

An interesting and convincing fire test was made last May by the National Bureau of Standards, Fire Test Section, according to an announcement just made by Commissioner Arthur J. Tuscany of the Metal Lath Manufacturers Association.

A solid partition of standard design consisting of metal lath and plaster was constructed and used as one wall of a large gas-fired testing furnace. The flames and intensity of the heat to which it was subjected were such as are found in the most vicious of fires.

The technical limit of fire endurance as determined by the temperature rise on the unexposed side was reached a little before the end of the first hour of the test. However, the partition showed the value of the construction as an effective fire barrier for a period in excess of five hours. No cracks appeared to permit the passage of fire. There was no collapse or other structural failure.

—#—

DIRECT FIRED HEATERS

Made entirely of steel, completely self-contained, and equipped with fully automatic control systems, a new line of direct-fired heaters for commercial and industrial applications incorporates several design innovations: (1) the unit is shipped in two sections, making possible unloading and placing without heavy crane facilities and entry through much smaller building openings; (2) filters may be applied without special transformations requiring additional floor space; (3) lower resistance through heater provides quieter fan operation and lower motor horsepower; (4) less floor space is required; (5) self-contained automatic thermostatically controlled humidification.

The heaters range in capacities of 75,000 to 2,000,000 Btu output per hour and are available for all types of fuel. Herbert H. Davis Co., Cicero, Ill.

—#—

ENAMEL FINISH

A new group of all-synthetic, "hibake" enamels is said to give an exceptionally hard, stainproof finish designed to endure heavy household usage.

These finishes, called "Synox", are now being produced in several whites, one of which is designed for refrigerators, deep freeze units, stoves, ironers and electric mixers, and another designed for dishwashers and washing machines. According to the manufacturers, tests have shown that these enamels have an unusual degree of water and alkali resistance, stain resistance and exceptional color retention.

—#—

DDT FINISHES

Several types of DDT interior finishes for the control of most insect pests in restaurants, stores, hotels and homes are said to retain their effectiveness for at least a year.

Laboratory and field tests over the past 12 months, the manufacturers report, prove that highly satisfactory control of flies, silverfish and mosquitos can be obtained with properly formulated DDT finishes. Additional data indicate effective results also against most types of ants and cockroaches, clothes moths, carpet beetles, bedbugs, fleas and many of the insects that attack stored food products. Insects have only to crawl across a DDT painted surface to pick up the microscopic quantity necessary to kill them.

The manufacturers will not release the DDT finishes to the consumer until toxicological and service tests prove beyound question their suitability for household and institutional uses. E. I. duPont de Nemours and Co. (Inc.), Wilmington 98, Del.

—#—

LIGHTING NEWS
Delayed-Action Switch

A toggle-lever arrangement which, although operated in the standard manner, offers both delayed-action and instantaneous "off", plus a time-selector for the delayed action which can be set at any interval from zero to three minutes, is the feature of a new all-purpose light or power switch called "Tymzit". T. J. Mudon Co., 1240 Merchandise Mart, Chicago 54, Ill.

New Ballasts

Claimed for a new line of "Amer-Tran Ballasts" for hot and cold cathode fluorescent lighting is an exceptionally close matching with tube characteristics, thus assuring maximum lamp life and maintained brightness. It is also claimed that flicker, end blacking, premature burn-outs are reduced. American Transformer Co., 178 Emmet St., Newark 5, N. J.

Fluorescent Starter

A new "Watch Dog" starter for 15 and 20 watt fluorescent lamps is said to be especially suitable for commercial and residential lighting fixtures.

Bearing the catalog number FS-20, the new starter has all the features of other Watch Dogs, available for 30, 40, and 100 watt fluorescent lamps. General Electric Co., 1285 Boston Ave., Bridgeport 2, Conn.

Commercial Fluorescent

Immediately available is a new commercial fluorescent fixture employing either two or four 20 watt lamps and four or eight 40 watt lamps in 4 or 8 ft. lengths. The 8 ft. length is furnished in a single piece body.

Features of the unit are a patented method of positioning lamps on reflector points, doubling reflector surfaces; utilizing the principle of airdraft cooling for ventilating the fiixture body and prolonging ballast life; a strongly reinforced steel body equipped with inspection plate that is instantly removable by loosening a single wing nut. Joleco Corp., 2517 Baldwin Ave., St. Louis 6, Mo.

Emergency Lighting System

Designed for instant emergency use when normal electrical current is interrupted, the "Minuteman Light-Warden" is a portable, self-contained unit which automatically floods any protected area with light from its own power. Requiring no special wiring, it can be mounted anywhere—on post bracket, shelf or platform—and plugged in to any convenience outlet.

The instant normal current is resumed, the Minuteman lamps go off automatically and a built-in charger restores power to the storage battery for the next emergency. One lamp head—the unit can be equipped with single or double as desired—is said to be capable of illuminating 10,000 sq. ft. of area for approximately four hours. Electrical Cord Co., 50 Church St., New York 7, N. Y.

—V—

San Francisco CC Urges Board For Airport Aid

Legislative creation of machinery for California participation in any federal airport aid program enacted by Congress is urged by the Board of Directors of the San Francisco Chamber of Commerce.

The Board urged that any state aviation agency be restricted in its powers to:

1. Receipt and disbursement of funds made available under any federal airport aid program which calls for state participation as a requirement for the receipt of airport aid funds from the Federal government.
2. Conducting, with adequate and qualified personnel, a study of California airport needs, leading to development of a series of master airport plans wherein the efforts of local communities and private enterprise could be coordinated to create a network of airports adequate to meet requirements.
3. Promotion of public interest in aviation to the extent that California may retain and expand its already existing reputation for nation-wide leadership in every phase of aviation.

In a note of caution, the Board pointed out that control and regulation of aviation by several or each of the 48 states could only lead to duplications and conflicts which would hinder the growth of aviation.

The Board offered duplication and conflict as behind its opposition, at this time, to legislation in California which would give regulatory power, economic or otherwise, over aviation to a state agency, preferring that such control be left to the Federal government.

A coordinating, liaison and promotional agency without regulatory power could, however, contribute real value to aviation in the state, the Board asserted.

—V—

THIRD LARGEST UTILITY

In terms of capital investment, telephones are the third largest public utility in the country (after electric power and transportation). A Twentieth Century Fund survey says that more than 80 per cent of the telephones in the United States are operated by one system. About 6,500 independents account for the other 20 per cent of the total telephones operated.

Master Portable
650 Watt Lite Plant

Especially adaptable for operating hammers, small power drills. Can also be used for emergency lighting.

Immediate Delivery from Stock

KERR EQUIPMENT COMPANY

160 TENTH ST. Corner of Natoma SAN FRANCISCO Ph. MArket 1651

--Material Prices--

Following prices are obtained from responsible sources and are believed to be correct, but cannot be guaranteed. In each case quotations are for delivery on the job in San Francisco, except as otherwise noted.

PAPERS AND FELTS

SHEATHING PAPERS	
Asphalt sheathing, 15-lb. roll	$2.35
Asphalt sheathing, 30-lb. roll	2.60
Dampcourse, 216-ft. roll	2.35
Blue plaster board, 250-ft. roll, 500-ft. roll, 60-lb.	4.40
FELT PAPERS	
Deadening felt, ¾-lb., 5-ft. roll	$2.80
Deadening felt, 1-lb.	3.50
Deadening felt, 1½-lb.	4.20
Asphalt roofing, 15 lbs.	1.75
Asphalt roofing, 30 lbs.	2.60
Rosin, sized, 20 lbs.	1.30
Rosin, sized, 25 lbs.	1.70
Rosin, sized, 30 lbs.	1.95
Rosin, sized, 40 lbs.	2.70
ROOFING PAPER	
Standard Grade, 108-foot roll:	
Light	$1.80
Medium	2.15
Heavy	2.40
Competitive Grade, 108-ft. roll:	
Light	1.15
Medium	1.40
Heavy	1.65
Extra Heavy	1.90

MILLWORK

INTERIOR FINISH	B&B o.p.	Up to 20' 0" cl. rwd.
1x4, 6 and 8	$120.00	$120.00
1x5, 10 and 12	120.00	120.00
1x14, and 16	160.00	160.00
1x8 & up, glued up	170.00	170.00
Plain S4S stock & Pulley Stiles		116.00
¼x1½		140.00
For straight "A" Grade O. P., add		12.00
For vertical grain, add		12.00
2-inch B and better finish		140.00
Over 12 inches wide, add (for each additional 2 inches)		10.00
For rough, deduct		5.00
Battens, 5/16x3 or 4		110.00
Drawer bottom, 5/16 T&G		60.00
Mouldings, O. P. and Redwood		1.20
Grounds, O. P. or Redwood		.80
Set up charges (min.) per ea.		2.25
Stock window frames		4.50
Stock fir doors (Colonial)		4.75

LUMBER

DOUGLAS FIR	No. 1	No. 2	No. 3
Common, 2-in. thick	$55	$53	$45
" 1-in. x 6- & 8-in.	64	62	54
" 1-in. x 10-in.	62	60	53
" 1-in. x 12-in.	65	63	55
REDWOOD			
No. 1 Heart Common, 2-in.			$75.00
1-in. x 6-in.			86.00
No. 2 Heart Common, 2x6-in.			65.00
1-in. x 6-in.			59.00

Due to excessive demand by Armed Forces for 1-inch boards, the mills have been given increases temporarily.

FIR FLOORING	No. 2	No. 3
Cl, V. G., 1x4	$105.00	$98.00
1x6	115.00	105.00
Cl, S. G., 1x4	93.00	80.00
1x6	91.00	88.00
FIR CEILING		
Cl, S. G., 1x4	82.00	79.00
1x6	90.00	87.00
REDWOOD RUSTIC	(A)	(B)
1x 8	105.00	100.00
1x10	125.00	110.00

SHINGLES	Rdw. No. 1	Cedar No. 1
barrels per sq.	$6.75	$6.75
LATH, No. 1		$10.00 per M

BRICK

Common	$19.00
Face	$45.00 to 60.00
Firebrick	70.00
Paving (Sta.)	45.00

(plus cartage on small job carlots f.o.b. job)

GLASS

	per sq. ft.
Window glass (double strength)	$ .28
Window glass (single strength)	.28
Wire polished plate	1.40
⅛-inch moss or rough	.22
⅛-inch maze or Florentine	.27
¼-inch wire ribbed	.36
¼-inch wire rough	.34

HOLLOW TILE

12x12x2 inches	$ 94.75 per M.
12x12x3 inches	96.00 per M.
12x12x4 inches	108.00 per M.
12x12x6 inches	144.00 per M.

(In lots of 15 tons or over)

REINFORCING STEEL

Less than 2,000 lbs., per cwt. (plus $2.00 per order)	$3.30
2,000 to 9,999 lbs., per cwt.	3.25
10,000 to 12,499 lbs., per cwt.	3.15
12,500 to 39,999 lbs., per cwt. (+ $12.50 switching charges)	3.05
40,000 to 49,999 lbs., per cwt. (+ $12.50 switching charges)	2.80
50,000 lbs. and over, per cwt.	2.82½

Prices f.o.b. warehouse or cars.
Add 10c per cwt. for delivery.

WALLBOARD & PLYWOOD

DOUGLAS FIR PLYWOOD	
Standard Panels—Sound Two Sides Up to 36 inches long (Prices are per 1,000 sq. ft.)	
¼-inch up to 48 inches wide	$59.40
⅜-inch up to 48 inches wide	78.50
½-inch up to 48 inches wide	105.30
⅝-inch up to 48 inches wide	124.10
¾-inch up to 48 inches wide	140.65
WATERPROOF PANELS	
Sound Two Sides—Up to 96-in. long	
¼-inch up to 48 inches wide	$80.90
⅜-inch up to 48 inches wide	102.35
½-inch up to 48 inches wide	147.20
⅝-inch up to 48 inches wide	173.30
¾-inch up to 48 inches wide	203.00
⅞-inch up to 48 inches wide	254.10
1-inch up to 48 inches wide	285.35
1⅛-inch up to 48 inches wide	318.35
SHEATHING ROUGH	
5/16-inch	$47.35
⅜-inch	56.10
½-inch	74.00
⅝-inch	91.50
CONCRETE FORM PANELS (Made with highly water-resistant glue, and oil treated)	
⅝x48x96-inch	$146.00

(NOTE: Under present controls, D. F. plywood may be sold to the trade under AA-1, AA-2 and AA-2X priorities.)

CEMENT

(In paper sacks)	$0.90 per sack
White cement	2.35 per sack
Keene cement	1.95 per sack
Lime	2.80 per bbl.
CONCRETE AGGREGATES (Delivered to job)	
River sand	$2.15 per ton
Sand, gravel and rock	2.10 per ton
Roofing gravel	2.25 per ton
(At bunkers)	
River sand	$1.70 per ton
Sand, gravel and rock	1.65 per ton
Roofing gravel	1.80 per ton
READY-MIXED CONCRETE	
1.6 mix to 10 yards	$8.55
10 to 100 cubic yards	7.55
Over 100 cubic yards	7.05

Plus Sales Tax; 2% cash discount.

HARDWARE

Nails, per keg, base	$3.95
Nails, 25 to 50 lb. lots	.07
Nails, less than 25 lbs.	.08
Spikes, 8-inch and over, base	4.65
Heavy bevel steel lock sets	1.00
Butts, dull brass plated on steel, 3½x3½	.35
Sash cord, good common grade, per 100 feet, No. 7	1.35
Sash weights, 1-ton lots	75.00
Less than 1-ton lots	95.00

OAK FLOORING

1x3-inch T. & G., fin. 25/32 x 2¼-inch	White Per M. ft.	Red
Clear quartered	$188.75	$164.25
Select quartered	156.25	157.75
Clear plain	159.50	159.50
Select plain	153.00	153.00
No. 1 Common plain	144.55	144.75
½x2½-inch T. & G., fin. 2-inch face		
Clear quartered	157.50	152.50
Select quartered	135.00	136.50
Clear plain	138.25	138.25
Select plain	131.75	130.00
No. 1 Common plain	123.75	123.75
⅜x2½-inch T. & G., fin. 2-inch face		
Clear quartered	139.50	131.50
Select quartered	108.75	112.00
Clean plain	117.00	117.00
Select plain	100.75	102.25
No. 1 Common plain	94.25	94.25
5/16x2-inch Square Edge		
Clear quartered	158.00	140.25
No. 1 Common plain	114.50	114.50
Select quartered	127.25	127.25
Clear plain	133.75	132.25
Select plain	125.75	125.75

MAPLE FLOORING

1x3-inch T. & G., fin. 25/32 x 2¼-inch	
Selected white	$174.50 per M. ft.
First grade	160.00 per M. ft.
Second grade	153.00 per M. ft.
Third grade	130.75 per M. ft.
1x4-inch T. & G., fin. 25/32 x 3¼-inch	
First grade	158.00 per M. ft.
Second grade	151.50 per M. ft.
1¼-in. x 3-in. T. & G., fin. 33/32x2¼"	
First grade	168.50 per M. ft.
Second grade	161.25 per M. ft.
⅜x2½-inch T. & G., fin., 2-inch face	
First grade	125.00 per M. ft.
Second grade	109.75 per M. ft.
1x4-in. Square Edge, fin., 25/32x3½"	
Second grade & better	160.25 per M. ft.
Third grade	134.25 per M. ft.

BUILDING TILE

8x5½x12 inches	$108.00 per M.
6x5½x12 inches	84.00 per M.
4x5½x12 inches	60.00 per M.

PAINTS AND OILS

LINSEED OIL, Strictly Pure (basis 7¾ lbs. per gallon).	Raw	Boiled
Light Iron Drums, per gallon	$1.38	$1.41
5-gallon Cans, per gallon	1.48	1.51
1-gallon Cans, each	1.58	1.61
Quart Cans, each	.45	.46
Pint Cans, each	.25	.26
Half-Pint Cans, each	.15	.15

NOTE: Drums invoiced at $6.00; returnable.
Five-gallon steel containers $1.00, returnable.

TURPENTINE (basis 7 lbs. per gal.)	Pure Gum Spirits	Steam Distilled
Light Iron Drums, per gallon	$1.15	$1.05
5-gallon Cans, per gallon	1.28	1.18
1-gallon Cans, each	1.38	1.28
Quart Cans, each	.40	.37
Pint Cans, each	.23	.21
Half-Pint Cans, each	.18	—

NOTE: Drums invoiced at $6.00; returnable.

WHITE LEAD IN OIL (heavy, soft paste and all-purpose)	
500-lb. lot at one purchase, in 100-lb. kegs	$0.12¼ per lb.
PAINTERS and INDUSTRIALS	
Less than 500 lbs. in 100-lb. kegs	0.12¾ per lb.
List price	0.13¾ per lb.

RED LEAD IN OIL, 1c per lb. higher.

60—Good Late Trucks
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AND ARMY RECONS
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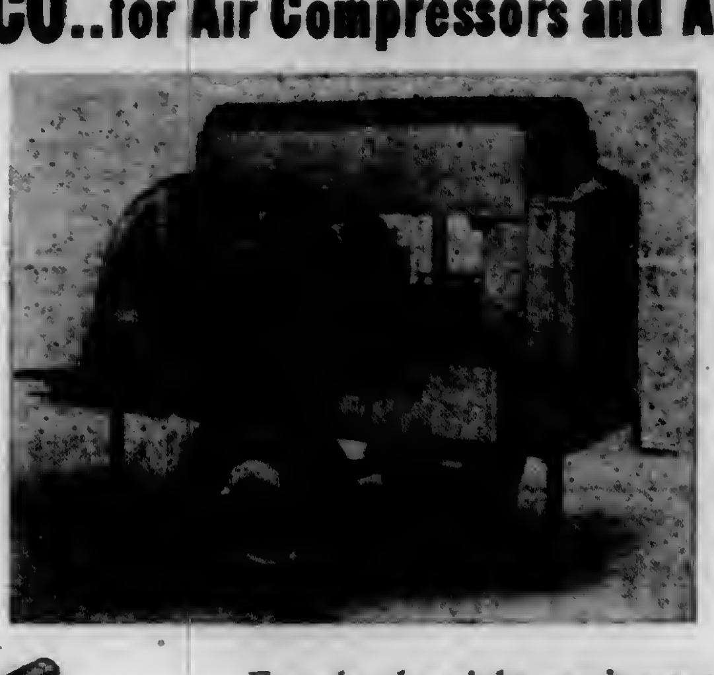

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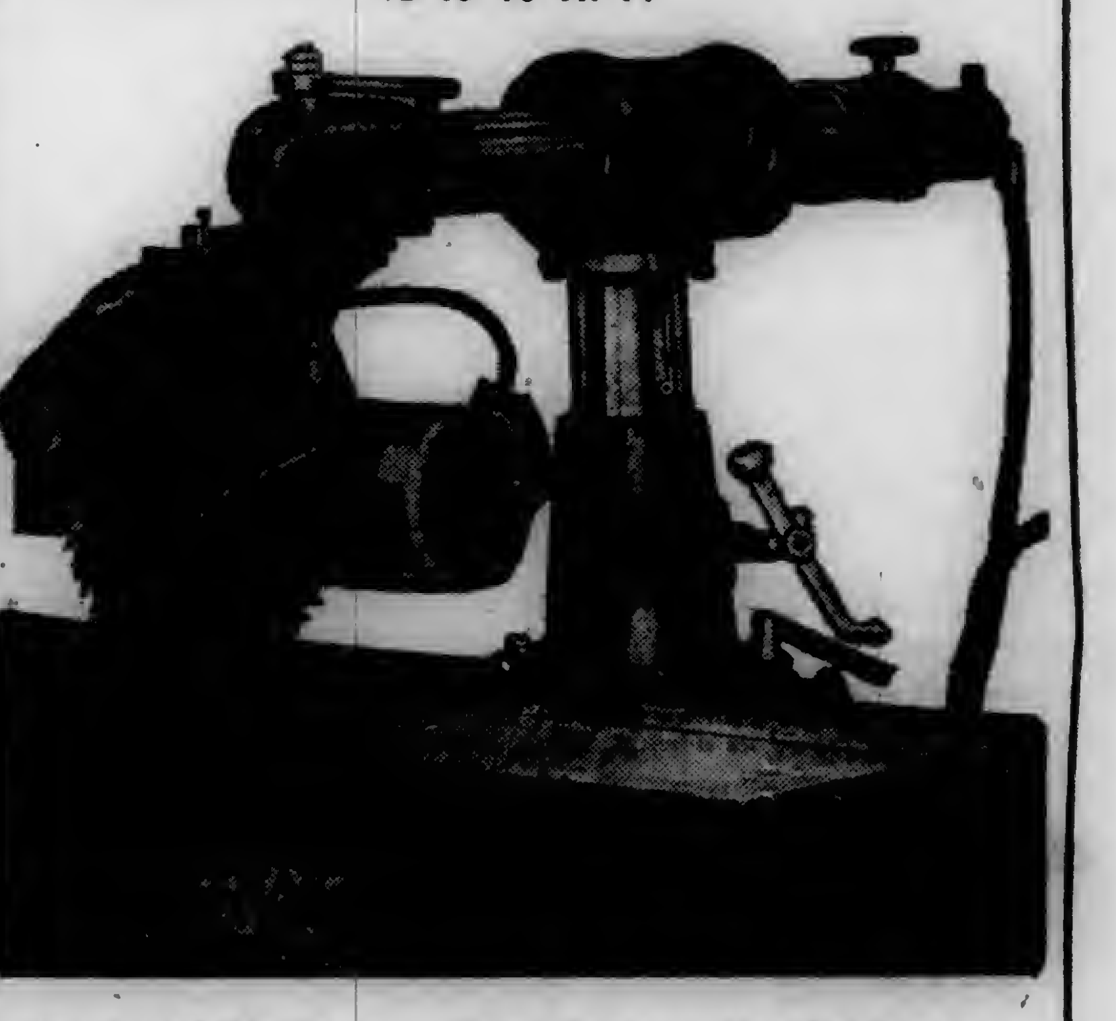

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DAILY PACIFIC BUILDER
(Established 1890)
Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

SUBSCRIPTION RATES:
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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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3— CHURCHES

January 4, 1946

PLANNED
ALTER CHURCH Cost, $10,000
SAN FRANCISCO. 1600 Clay St.
Alterations to church and educational building.
Owner—First Methodist Church, Shirley T. Sherrill, pastor, 1600 Clay St., San Francisco.
Architect—Not announced.

Funds are now being raised to finance construction. 3

January 4, 1946

PLANNED
CHURCH FURNISHINGS
Estimated Cost, $10,000
PETALUMA, Sonoma County, Calif. 1 Keller St.
Furnish recently remodeled church building, including pews, some chancel furniture (choir stalls), dining room tables, bulletin board, etc.
Owner—First Congregational Church, Herbert C. Gans, pastor, 1 Keller Street.
Architect—Not announced.

The sum of $5000 is now available for church furnishings, with an additional $5000 to be raised as needed. 3

4— FACTORIES AND WAREHOUSES

January 4, 1946

TO PREPARE PLANS

CORONA, Riverside Co., Calif.—Herbert A. Hamm, engineer, 570 N. Hollston Ave., Pasadena, has been commissioned to prepare plans for rebuilding a packing house, destroyed by fire December 20, in Corona, for the Corona Foothill Lemon Co., Pearl Street, Corona. The size of the new building is undetermined but will probably be slightly larger than the original. Est. cost, $200,000.

January 4, 1946

TO START WORK

MAYWOOD, Los Angeles Co., Cal.—Wm. P. Neil Co., Ltd., 4814 Loma Vista Ave., Los Angeles, will start work soon on the construction of a new assembly plant for Lincoln and Mercury automobiles on a 36-acre site at Eastern and Slauson Aves., Maywood, for the Ford Motor Co.; estimated cost, several million dollars. The engineering plans for the project are being completed by H. T. Miller, architect, 4814 Loma Vista Ave., Los Angeles. 4

January 4, 1946

PLANNED
CONCRETE BLOCK PLANT
CRESCENT CITY, Del Norte Co., Calif. Corner Second and N Sts.
Construction of concrete block manufacturing plant.
Owner—M. G. Dickson, B St. extension, Crescent City.
Architect—Not Given. 4

January 4, 1946

PLANNED
FACTORY ADDITION
Estimated Cost, $39,000
INGLEWOOD, Los Angeles County, Calif.
Construction of factory addition.
Owner—Kroehler Manufacturing Co., J. O. Taylor, engineer, Naperville, Ill.
Engineer—L. H. Nishkian, 1045 Sansome St., San Francisco.

Construction is planned during 1946. 4

January 4, 1946

UNDER CONSTRUCTION
GRAIN ELEVATORS Cost, $75,000
CORCORAN, Kings County, Calif. Santa Fe Railroad
Construction of reinforced concrete grain elevators.
Owner—Corcoran Milling Co., L. E. Weir, owner, Corcoran.
Plans by owner.
Contractor—Jones & Hettelster Construction Co., Kansas City, Mo. • 4

January 4, 1946

PLANNED
ADDN. BERTH Cost, $40,000
RICHMOND, Contra Costa Co., Calif.
Construction of additional berth at Terminal 3.
Owner — Parr-Richmond Terminal Corp., foot of 10th St., Richmond.
Engineer—Not announced. 4

January 4, 1946

PLANNED
WAREHOUSE Cost, $60,000
BERKELEY, Alameda County, Calif. ¼ South side of Bancroft Way, 128 feet west of Shattuck Ave.
Construction of three-story furniture storage warehouse.
Owner—F. W. Corder, Inc., Arthur E. Corder, president, 350 Lenox, Oakland.
Architect—Not announced. 4

January 4, 1946

TO START CONSTRUCTION
FROZEN FOODS PLANT
Cost, $100,000
MODESTO, Stanislaus County, Calif. South of Waterford Highway.
Construction of frozen foods plant.
Owner—John Inglis Frozen Foods, John and Weston Inglis, owners, 710 7th St., Modesto.
Architect—Not announced.
Contractor—Wieland Bros., 919½ Eye St., Modesto. 4

January 4, 1946

PLANNED
WINERY Cost, $500,000
FRESNO, Calif.
Construction of reinforced concrete cooperative winery plant.
Owner—Del Rey Cooperative Winery Association, Lee Bertelsen (Selma), president; Henry Anderson (Fresno), vice-president, Fresno.
Architect—Not Given. • 4

January 4, 1946

PLANNED
COLD STORAGE PLANT
Cost, $125,000
HOOD, Sacramento County, Calif.
Construction of cold storage plant.
Owner — Stillwater Orchards Co., Courtland.
Architect—Not announced. 4

January 4, 1946

CONSTRUCTION UNDER WAY
PLANT ADDITION Cost, $40,000
BERKELEY, Alameda County, Calif. 1741 Fifth St.
Construction of reinforced concrete one-story addition to plant to provide 7000 sq. ft. of floor space.
Owner—Berkeley Tool & Die Co., 1741 Fifth St., Berkeley.
Architect—Not announced.
Contractor — Christensen & Lyons Construction Co., 3454 Harlan St., Oakland. • 4

January 4, 1946

CONSTRUCTION UNDER WAY
WAREHOUSE ADDN. Cost, $40,000
EMERYVILLE, Alameda Co., Calif. 60th and Lowell Sts.
Construction of addition to warehouse.
Owner — Cyclone Fence Division of American Steel & Wire Co., 60th and Lowell, Emeryville.
Architect—Not announced.
Contractor — Christensen & Lyons Construction Co., 3454 Harlan St., Oakland. • 4

6— GARAGES AND SERVICE STATIONS

January 4, 1946

BIDS POSTPONED UNTIL JANUARY 14, 4 P. M.
GARAGE AND SALES BUILDING
MILL VALLEY, Marin County, Calif. Corner Blithedale and Sycamore Sts.
Construction of one-story concrete and wood garage and sales building (10,000 sq. ft.) and steel service station.
Owner—Tamalpais Motor Sales Co., Oliver Sollom, Ford Motor agent, Mill Valley.
Architect — Winfield H. Hyde, 251 Kearny St., Room 205, San Francisco (EXbrook 8361).

Bid opening date postponed from January 11.

The following contractors have taken out plans:

De Lucca & Son, 1745 Filbert St., San Francisco.

Litchfield Construction Co., 271 Francisco Blvd., San Rafael.

John Rocco, 415 4th St., San Rafael.

Younger Construction Co., 575 Mission St., San Francisco.

Parker, Steffens & Pearce, 135 South Park, San Francisco.

Howes & Whitaker, 626 Russ Bldg., San Francisco.

John Leibert & Son, 211 Albert St., San Rafael.

M. J. King, Inc., 231 Franklin St., San Francisco.

Stolte, Inc., 8451 San Leandro St., Oakland. • 6

7—FEDERAL BUILDINGS

January 4, 1946

CONTRACT AWARDED

LOS ANGELES, Calif.—Claude T. Lindsay Co., 465 Market St., San Francisco, at $12,300, awarded contract by the Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco, for fabrication, delivery and erection of five portable laundry buildings; Project Calif. 4877, Los Angeles. • 7

January 4, 1946

BIDS WANTED

CLAREMONT, Los Angeles Co., Calif.—Until January 21, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting, U. S. Post Office, Claremont.

Specifications obtainable from the above office of the district engineer or from the custodian of the building at Claremont. • 7

January 4, 1946

BIDS WANTED

LAS VEGAS, Nev.—Until January 18, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting at U. S. Post Office and Courthouse, Las Vegas, Nev.

Specifications obtainable from the above office of the district engineer or from the custodian of the building at Las Vegas, Nev. • 7

January 4, 1946

BIDS WANTED

PASADENA, Los Angeles Co., Calif.—Until January 22, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Frnacisco, for exterior and interior painting at U. S. Post Office, Pasadena.

Specifications obtainable from the above office of the district engineer or from the custodian of the building at Pasadena. • 7

9— HOSPITALS

January 4, 1946

SITE APPROVED
HOSPITAL Cost, $250,000
LODI, San Joaquin County, Calif. End of Walnut St. near Ham Lane.
Construction of memorial hospital.
Owner—Lodi Memorial Hospital Association, Vince Webb, president, Lodi.
Architect—Not announced. 9

January 4, 1946

BIDS WANTED

GRAND JUNCTION, Colo.—Until February 26, 1:30 P. M., bids will be received by the Veterans' Administration, Washington 25, D. C., for the construction of a hospital building and utilities at Grand Junction, Colo.; Project No. 2451.

This project consists of one main building No. 1 (containing approximately 1,640,000 cu. ft.), one manager's quarters building No. 2 (containing approximately 32,500 cu. ft.), one officers' duplex quarters building No. 3 (containing approximately 58,500 cu. ft.), one officer's duplex quarters building No. 4 (containing approximately 58,500 cu. ft.), one nurses' quarters building No. 5 (containing approximately 200,000 cu. ft.), one attendants' quartersb uilding No. 6 (containing approximately 85,000 cu. ft.), one storehouse building No. 7 (containing approximately 47,000 cu. ft.), one station garage building No. 8 (containing approximately 54,000 cu. ft.), one boiler house building No. 9 (containing approximately 75,000 cu. ft.), one concrete chimney No. 10 (approximately 150 ft. high), one steel water tank and tower No. 11 (capacity of tank, approximately 25,000 cu. ft.), one laundry building No. 13 (containing approximately 88,000 cu. ft.), one incinerator No. 14 ,etc.

The work will include roads, walks, grading and drainage, excavating, reinforced concrete, cut stone, marble work, floor and wall tile, terrazzo, linoleum, compressed asphalt tile, waterproofing, miscellaneous metal work, metal shelving, laundry chute, metal window equipment, tile and built-up roofing, plastering, carpentry, wood doors and sash, acoustical treatment, insulation, insect screens, painting, glazing, hardware, plumbing, refrigerating equipment, dietetic and sterilizing equipment, laboratory, pharmacy and dental equipment, steel water tank and tower, water softening equipment, heating, boilers and boiler plant equipment, ventilation, air conditioning, pneumatic tube system, electrical work, electric elevators, outside distribution systems and such other items as shown or specified. Separate bids will be received for (I) general construction including plumbing, heating, ventilation, air conditioning, electrical work and outside distribution systems; (II) electric elevators; (III) refrigerating equipment; and (IV) steel water tank and tower.

At the discretion of the Administrator, drawings and specifications may be obtained by contractors interested in submitting bids, upon application in writin gto the Construction Service,. Veterans' Administration, Washington 25, D. C.; no deposit required. 9

10— HOTELS

January 4, 1946

BID OPENED POSTPONED UNTIL JANUARY 11, 2 P. M.
ALTER HOTEL
SAN FRANCISCO. 340 Stockton St.
Interior and exterior alterations and additions to Hotel Drake-Wilshire building.
Owner—John B. Quigley, Hotel Drake Wilshire.
Plans by Walter M. Ballard Corp., Hobart Bldg., San Francisco.

Bid opening date postponed from January 5.

Plans are being figured by the following selected list of contractors:

Dinwiddie Construction Co., Inc., 210 Crocker Bldg., San Francisco.

Swinerton & Walberg Co., 225 Bush St., San Francisco.

Howes & Whitaker, 626 Russ Bldg., San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco. • 10

13— PUBLIC BLDGS. FIRE HOUSES, JAILS

January 4, 1946

NOTICE OF SALE

OROVILLE, Butte Co., Calif.—Until January 7, 8 P. M., bids will be received by the City of Oroville, R. M. Carpenter, city clerk, 1950 Bird St., Oroville, for sale of 5-room frame dwelling and corrugated iron garage situated at 2945 Villa St., Oroville. • 13

14— RESIDENCES

January 4, 1946

BIDS REJECTED
HOUSING PROJECT
SAN FRANCISCO. Corner Stockton and Pacific Streets.
Construction of Ping Yuen Housing Project, Calif. 115, consisting of 56 dwelling units of modern modified Chinese architecture.
Owner — The Housing Authority of City and County of San Francisco, John S. Bolles, technical director, 525 Market St. (YUkon 1661).
Architects—Mark Daniels and Henry T. Howard, 605 Market Street.

All bids received December 28 have been rejected as too high, at which time Biltwell Constr. Co., 4745 Geary Blvd., at $349,877 submitted the low bid. 14

January 4, 1946

PLANNED
RESIDENCES Cost, $6000 Each
PALO ALTO, Santa Clara Co., Calif. Lots 6 and 8, Channing St.
Construction of two residences.
Owner and Builder—J. W. Deiles, Route 2, Box 827, Los Altos.
Architect—Not Given.

The owner expects to build 20 residences in all when material is available. 14

15— SCHOOLS

January 4, 1946

FUNDS RECEIVED

NEAR ARVIN, Kern Co., Calif.—Little Rockpile Elementary School District, Gerald Dennerlein, superintendent, has received a donation from Joseph di Giorgia, Kern County agriculturist, in the amount of $150,000 and 40 acres of land for recreational and school use at the Little Rockpile School about 5 miles from Arvin, for the District.

Tentative plans for development include a cafeteria building, three additional classrooms, a home economics, kindergarten and nursery building. The new units will be of modern construction, air conditioned and landscaped, with bleachers and playground equipment. A swimming pool is also included in the plan. 15

January 4, 1946

CONTRACT AWARDED

BERKELEY, Alameda Co., Calif.—Joseph David Ballinger & Co., 1839 Cypress St., Oakland, at $4645, was awarded contract by the Berkeley Board of Education, Berkeley, for demolishing the old school administration building at 2324 Milvia St. 15

January 4, 1946

BOND ELECTION PLANNED
SCHOOLS, ETC. Cost, $600,000
REDWOOD CITY, San Mateo Co., Calif.
Construction of (1) first unit of 9 rooms at the proposed Charter St. school, $151,000; (2) construct Alden and Warren St. school of 5 rooms, $90,000; (3) 4-classroom addition to John Gill School, $70,000; (4) manual arts and homemaking building and gymnasium at McKinley School, $160,000; (5) alterations and repair to Lincoln School, $12,000; (6) alterations and repair of Washington School, $20,000; (7) new school sites, $53,000; (8) new administration building, $25,000.
Owner — Redwood City Elementary School District, Andrew Spinas, superintendent, Redwood City.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco.

Bond election has been tentatively set for February 26.

The program totals $680,000, while the district has $120,000 on hand. • 15

January 4, 1946

BIDS WANTED—TO CLOSE JANUARY 25, 10 A. M.
WAREHOUSE
RICHMOND, Contra Costa Co., Calif. Corner 8th and Ohio Sts.
Construction of 3-story reinforced concrete warehouse.
Owner—Richmond Union School District, Walter T. Helms, superintendent of Schools, 1108 Bissell Ave., Richmond.
Architects—Dragon & Schmidts, 2068 Allston Way, Berkeley.

Specifications obtainable from the office of the architects upon deposit of $10. • 15

Native San Franciscan, recently released from Marine Corps, with background of mutual friends in heavy construction industry, desires sales position with equipment company.

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San Francisco, Calif.

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Edgemont School Addn., San Bruno; Bids open January 11, 8 P. M.
Richard Delucchi & Co, 420 San Mateo Ave., San Bruno (San Bruno 974)
Carrico & Gautier, 245 Ocean Ave., San Francisco (JUniper 4-8061).
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
R. A. Cullen, 478 Jackson Street San Francisco (SUtter 1951).
Midstate Constr. Co., 1297 Bush St., San Francisco (ORdway 4638).

Alter Bldg., Grant Ave. and Maiden Lane, S. F.; Bids open Jan. 11, 3 PM.
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616).
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
G. P. W. Jensen & Sons, Inc., 320 Market St., S. F. (GArfield 2444).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)

Alter Continental Bakery, York and Alameda, S. F.; Bids open January 5
G. P. W. Jensen & Sons, Inc., 320 Market St., S. F. (GArfield 2444).
Jacks & Irvine, 620 Market St., San Francisco (GArfield 2106).
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).

Alter Hotel Drake Wilshire, San Francisco; Bids open Jan. 11, 2:00 P. M.
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).

Beechnut Packing Co., San Jose; Bids open about January 8.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
Moore & Roberts, 693 Mission St, San Francisco (GArfield 8579).
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Carl N. Swenson Co., 355 Stockton Ave., San Jose 4 (BAllard 2602).
A. Farnell Blair, 9 Main Street, San Francisco (YUkon 0390).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624).
Earl W. Heple, 494 Delmas Ave., San Jose (BAllard 7237).
Empire Constr. Co., Ltd., 344 Harriet St., S. F. (HEmlock 3400).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).

Alter Admin. Bldg., Golden Gate Bridge; Bids open January 11.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Midstate Constr. Co., 1297 Bush St., San Francisco (ORdway 4638).
Adam Arras & Son, 116 New Montgomery St., S. F. (GArfield 8381).
Empire Constr. Co., Ltd., 344 Harriet St., S. F. (HEmlock 3400).

Hayward Union High School Addn., Hayward; Bids open January 8, 5 P. M.
Close & Lewis, 721 "C" Street, Hayward (Hayward 270).
Wm. M. Greuner, Jr., 2727 Parker St., Berkeley (BErkeley 2877)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Rademann-Giusto, 40 Ringold Street San Francisco (MArket 8151).
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).

Tamalpais Motor Sales Bldg., Mill Valley; Bids open Jan. 11, 4 P. M.
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).

Prefabricated School Bldg., Williams Sch., Concord; Bids open Jan. 11, 4:30
Wm. M. Greuner, Jr., 2727 Parker St., Berkeley (BErkeley 2877)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).

Bldgs., Services, Reserve Fleet Berthing, Mare Island; NOy 13295; Spec. 17459; Bids open January 14, 11 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).

Ward Bldgs., Stockton State Hosp., Stockton; Bids open Jan. 29, 2:00 P. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).

Market and Store Bldg., Mill Valley; Bids open January 14, 4 P. M.
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).

CONTRACTORS . . .

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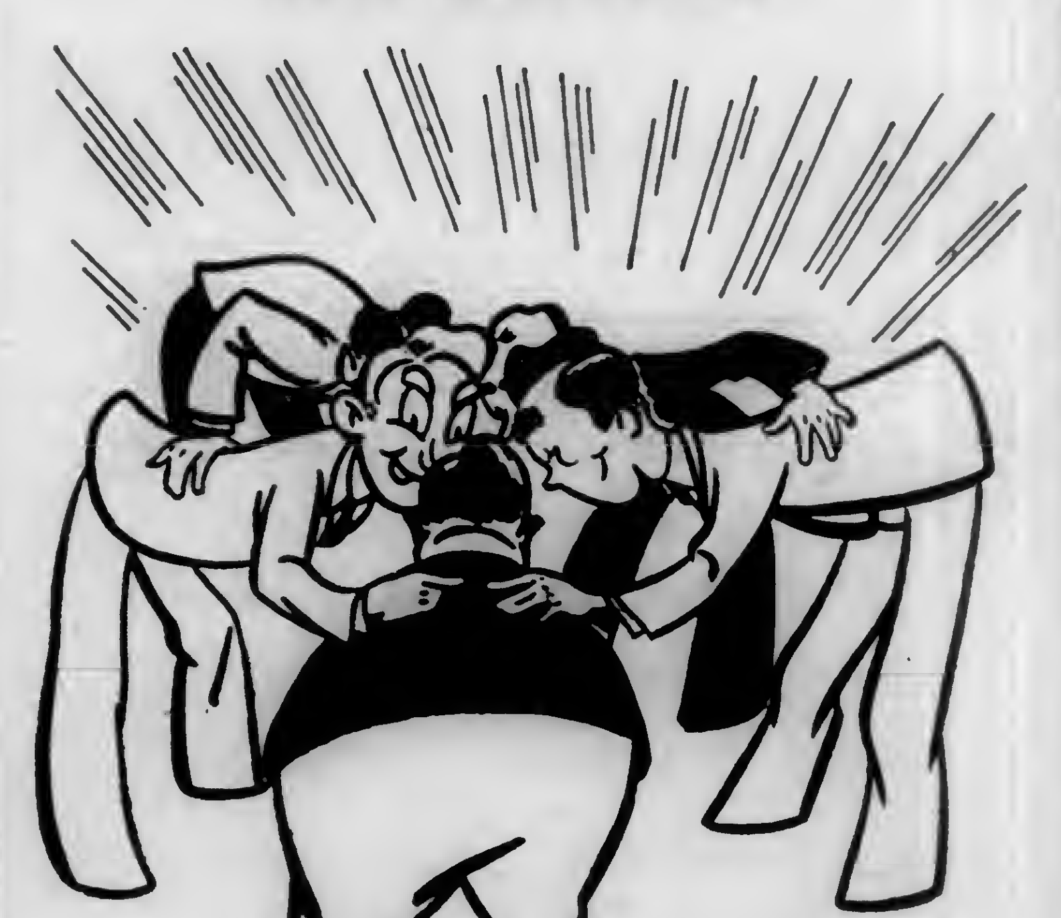

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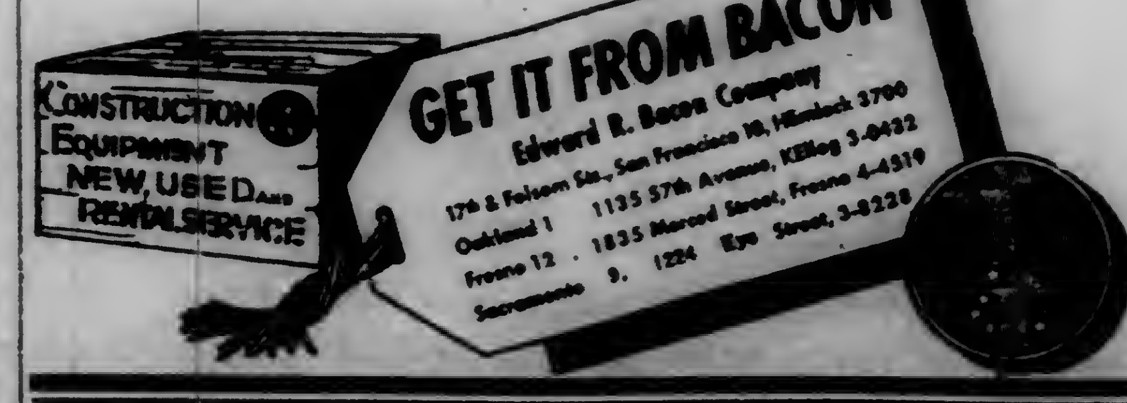

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ADVANCE CONSTRUCTION REPORTS

16— BANKS, STORES AND OFFICES

January 4, 1946

SUB-CONTRACTS AWARDED
REMODEL STORE Cost, $15000
OAKLAND Alameda Co. Cal. 1800 Telegraph Avenue.
Alterations and additions to store bldg. including new store front.
Owner—Sterling Furniture Company.
Architects—Reynolds & Chamberlain, 3833 Piedmont Avenue, Oakland.
Contractor—Wagner & Martinez, 181 South Park, San Francisco.
Plumbing—Madden Plumbing & Htg. Co., 3103 San Pablo Ave., Oakland.
Electric Wiring—Chas. A. Langlais, 488 Bryant St., San Francisco.
Heating—Madden Plbg. & Htg. Co., 3103 San Pablo Ave., Oakland.
Sheet Metal—Fire Protection Products Co., 1101 16th St., San Francisco.
Glass—W. P. Fuller & Co., 259 10th St., Oakland.
Steel—Judson Pacific Murphy Co., 696 Pennsylvania Ave at 22nd St., San Francisco.
Lumber—Loop Lbr. Co., 2001 Broadway, Alameda.
Lathing and Plastering—Wm. Makin, 2142 Livingston St., Oakland.
Elevator—Atlas Elevator Co. 417 6th St., San Francisco. 16

January 4, 1946

WORK UNDERWAY
BUSINESS BLDG. Est. Cost, $20,000
OCEANSIDE, San Diego Co., Calif. 530 North Hill Street.
Construction of business building.
Owner—Thill Appliances and Building Supplies, Francis J. Thill, owner, 530 S. Hill St., Oceanside.
Plans by Richard Pinnell, 3437 Goldfinch St., San Diego.
Work will be completed the early part of this year. 16

January 4, 1946

WORK UNDERWAY
RESTAURANT ADDITION Estimated Cost, $7000
OCEANSIDE, San Diego Co., Calif. 213 North Hill Street.
Addition and modernization of restaurant, including installation of store fixtures, lunch counter and fountain.
Owner—Nell's Coffee Shop, Francis J. Thill, owner, 213 N. Hill St., P. O. Box 11, Oceanside.
Plans by Richard Pinnell, 3437 Goldfinch St. San Diego.
Work will be completed the early part of this year. 16

January 4, 1946

PLANNED
OFFICE, WAREHOUSE, ETC.
FRESNO, Fresno County, Calif.
Construction of office building (estimated cost $9000); warehouse (estimated cost $7000, and garage (estimated cost $4000), including the installation of air conditioning equipment.
Owner—Martinoil Co., E. F. Martin, owner, 2106 Cherry Ave., Fresno.
Architect—Not selected.
Construction is planned during 1946. 16

January 4, 1946

PLANNED
GARAGE AND OFFICE Estimated Cost, $60,000
EUREKA, Humboldt County, Calif. Broadway and Pacific.
Construction of garage and office building and installation of machine shop, truck service and recapping equipment.
Owner—James S. Cloney & Sons, 7th and E Sts., Eureka.
Architect—Not selected.
Construction is planned during 1946. •

January 4, 1946

BIDS OPENED
SALESROOM
OAKLAND, Alameda County, Calif. 29th and Broadway.
One-story reinforced concrete salesroom building (65.04x72.99) for Packard distribution.
Owner—Foster W. Weeks.
Plans prepared by W. C. Helms, 1759 Broadway, Oakland.
Low Bidder — Empire Construction Co., 344 Harriett St., San Francisco, $32,720.

Complete bids were:
Empire Construction Co., $32,720.
Doty & Lockwood, Oakland, $34,700.
Cosca & Marquis Construction Co., Oakland, $40,607.

The contract will be awarded the low bidder within a few days. • 16

January 4, 1946

TO START CONSTRUCTION
OFFICE BLDG. Cost, $75,000
SAN CARLOS, San Mateo Co., Calif. Corner Laurel and Cherry Sts.
Construction of two-story reinforced concrete store and office building.
Owner—Mrs. Rachael Solomon, 1301 Cherry St., San Carlos.
Architect—Not announced.
Contractor—Gould Construction Co., 680 Laurel St., San Carlos. 16

January 4, 1946

PLANNED
STORE BUILDING Est. Cost, $25,000
LINDSAY, Tulare County, Calif.
Construction of retail store and office building, including the installation of some store fixtures and counters.
Owner—Orange Belt Supply Co., P. Fitton, manager, Lindsay and Woodlake, Lindsay, Calif.
Architect—Not selected.
Construction is planned during 1946. 16

January 4, 1946

PLANNED
REMODEL BLDG. Cost, $100,000
PALO ALTO, Santa Clara Co., Calif. 310 University Ave.
Remodel building to provide 30,000 sq. ft. of store area.
Owner—J. C. Penney Co., construction department, 330 W. 34th St., New York.
Architect—Not announced. 16

January 4, 1945

BIDS POSTPONED UNTIL JANUARY 14, 4 P. M.
MARKET AND STORE BUILDING
MILL VALLEY, Marin County, Calif. Blithedale and Sycamore Sts.
Construction of one and part two-story frame and stucco market and store building.
Owners—H. W. Johnson and H. T. Lenci, c/o architect.
Architect — Winfield H. Hyde, 251 Kearny St., Room 205, San Francisco (EXbrook 8361).

Bid opening date postponed from January 11.

The following contractors will be furnished plans:
De Luca & Son, 1745 Filbert St., San Francisco.
Litchfield Construction Co., 271 Francisco Blvd., San Rafael.
John Rocco, 415 4th St., San Rafael.
Younger Construction Co., 575 Mission St., San Francisco.
Parker, Steffens & Pearce, 135 South Park, San Francisco.
Howes & Whitaker, 626 Russ Bldg., San Francisco.
John Leibert & Son, 211 Albert St., San Rafael.
M. J. King, Inc., 231 Franklin St., San Francisco.
Stolte, Inc., 8451 San Leandro St., Oakland. • 16

17— THEATERS

January 4, 1946

CONTRACT AWARDED
CULVER CITY, Los Angeles Co., Cal.—A. V Perkinson, 1149 N Las Palmas, Los Angeles, at approx. $150,000 awarded contract for the construction of a theater building at 9820 Washington Blvd., Culver City, for Principal Theaters, Inc., 1640 W. Washington Blvd., Los Angeles. Bids were received Dec. 26.

The building will be approximately 100x155 ft. in area and contain smoking and powder rooms, manager's office, ushers' room, toilet rooms, storage areas, kitchen and restaurant, stadium type auditorium with balcony.

Plans were prepared by Architect A. R. Walker & Associates, 302 Security Title Insurance Bldg., Los Angeles. 17

18—WHARVES & DOCKS

January 4, 1946

CONTRACT AWARDED
MARE ISLAND, Solano Co., Calif. —Paris Bros., 2415 Oregon St., Berkeley, at $54,031, awarded contract by Bureau of Yards and Docks, Navy Department, Washington, D. C., under NOy 13192, Spec. 17362, for reserve fleet berthing dredge spoil discharge line and alterations to sewer outfalls at the Navy Yard, Mare Island.

Work involves placing of approximately 4900 ft. of 18-in. dredge spoil discharge line, removing approximately 142 ft. of 30-in. diameter concrete sewer pipe, 184 ft. of 36-in. diameter concrete sewer pipe, remove and relocate two outfall gates complete with piles, earthwork, concrete construction, iron and steel work, timber work, piping and paving. • 18

19—MISC. CONSTRUCTION

January 4, 1946

PLANNED
PLANT Cost, $75,000
MARIN COUNTY, Calif. Near Mount Olivet Cemetery.
Construction of ranch-house type institution.
Owner—"Guide Dogs for the Blind, Inc.," Los Gatos.
Architect—John S. Bolles, 369 Pine St., San Francisco. • 19

January 4, 1946

NOTICE OF SALE
ALAMEDA, Calif. — Until January 14, 11 A. M., bids will be received by the General Engineering & Dry Dock Co., Alameda, Calif., for the sale for use or for scrap two twin screw minesweepers, AM290 and AM291, 66% and 64%, respectively, completed. The vessels are 184 ft. long overall, 33 ft. extreme breadth and 14 ft. molded depth at side to main deck amidship with a light displacement of 625 tons. Vessels are of steel construction throughout, diesel engine driven and are each powered with two Cooper-Bessermer Corp. 6-cylinder, 930 h.p. diesel engines, direct connected to hydraulic clutches which act through reduction gears to shafting and propellers, with equipment aboard. • 19

20— MISC. SUPPLIES AND MATERIALS

January 4, 1946

BIDS OPENED
OAKLAND, Alameda Co., Calif.—The following submitted bid to the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under LS 34 for 1040 4-in. to 12-in. gate valves:
Oakland Plumbing Supply Co., Sch. 1, $30,015.20; total lump sum, $28,450.
Crane Co., $31,140.48; $31,140.48.
Atlas Elevator Co., $22,751.50; no bid.
Pacific States Cast Iron Pipe Co., $28,819.08; $27,200.
Rensselaer Valve Co., $36,674.80; $36,674.80.
Rich Manufacturing Co., $33,935.64; $32,238.86.
Moran Plumbing & Supply Co., $28,653.38; no bid. • 20

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NEW BUSINESS!
VENTILATING
GAS HEATING
WIRING ★ FANS
REFRIGERATION
(Commercial and Industrial Only)
50 Top Quality Journeymen Mechanics
O'KEEFFE, The Fan Man
55 ELEVENTH STREET, near Market
Telephone MArket 6333

January 4, 1946

BIDS WANTED
EL CENTRO, Imperial Co., Calif.—Until January 22, 10 A. M., bids will be received by the Imperial Irrigation District, El Centro, Calif., for furnishing material and equipment required for 4 kv. industrial power circuit, Specification No. 119, as follows:

Schedule No. 1
(1) 3 7.5 kv., 400 amp., hook operated indoor disconnect switches;
(2) 3 7.5 kv., 400 amp., hook operated indoor transfer switches;
(3) 3 7.5 kv., indoor bus supports for 1½-in. copper bus, 1¼-in. pipe mounting;
(4) 6 bus bar clamps, 3-in. main x 1½-in. branch;
(5) 3 terminal lugs for No. 4/0 cable;
(6) 3 terminal lugs for No. 4/0 cable;
(6) 3 terminal lugs for No. 4/0 cable;
(7) 8 barrier supports.
Total Schedule No. 1.

Schedule No. 2
(1) 2 4200/7274 star, 35 to 1, 200/600 volt amp. potential transformers;
(2) 2 1500/5 amp., 7500 volt, indoor through type current transformers;
(3) 3 400/5 amp., 7500 volt, indoor current transformers;
(4) 10 instrument switches for ammeter, 3 independent circuits, 2-in. panel mounting.
Total Schedule No. 2.

Schedule No. 3
(1) 1 cost of rewinding (inclusive of transportation charges to and from shop) for 4160 volt, 3 phase, 60 cycle in a Pacific Coast service shop of a Westinghouse 2360 kva. (1-minute), 3 phase, 60 cycle, 2300 / 920 / 805 / 690 / 575/460 volts starting autotransformer, CO No. 34K517, Serial 1649315, to be used with Allis-Chalmers synchronous condenser No. 128136, 5000 kva., which is to be rewound for 4160 volts star.

Schedule No. 4
(1) 3 500 kva., 55 deg. C rise continuous, OISC outdoor, 1 phase, 60 cycle transformers, 33000/31350/29700/28050 (FC taps) volts, delta to 480/2400 volts delta and 4160 volts star with HT ratio adjuster handle through cover and complete with oil, impedance at 33,000 to 2500 volts 5.5%;
(2) 1 transformer, same as above, except with an addition to series parallel secondary voltage above, additional series parallel voltage of 7200/12470 (star).
Total Schedule No. 4. 20

January 4, 1946

NOTICE OF SALE
SAN FRANCISCO.—Until January 11, 10 A. M., bids will be received by Navy Material Redistribution and Disposal Office, 785 Market St., San Francisco 3, under Sales Catalog No. B-231-46 for sale of one only bath, pre-natal No. C-5855. Manufactured by Crane Co., San Francisco; located at building No. 7, U. S. Naval Hospital, Oakland 14, Calif. • 20

January 4, 1946

CONTRACT AWARDED
OAKLAND, Alameda Co., Calif.—General Electric Co., 409 13th St., Oakland 12, at $7315.10, awarded contract by the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Proposal 1696 for furnishing one electric motor and starter. • 20

January 4, 1946

CONTRACT AWARDED
OAKLAND, Alameda Co., Calif.—Byron Jackson Co., 216 Pine St., San Francisco 4, at $9690, awarded contract by the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Proposal 1697 for furnishing two centrifugal pumps and motors. • 20

January 4, 1946

CONTRACT AWARDED
OAKLAND, Alameda Co., Calif.—Kuhlman Electric Co., 420 Market St., San Francisco 11, at $2620.32, awarded contract by the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Proposal 1695 for furnishing three outdoor transformers. • 20

January 4, 1946

BIDS OPENED
OAKLAND, Alameda Co., Calif.—The following submitted bids to the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Proposal 1699 for 36 red brass manifold; 125 red brass four-way cocks.
E. G. Soeth Brass Foundry, (1) $645.84, (2) $1693.75; total, $2339.59.
M. Greenberg Sons, (1) $408.60, (2) $2062.50; total, $2471.10. • 20

January 4, 1946

BIDS OPENED
OAKLAND, Alameda Co., Calif.—The following submitted bids to the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Proposal 1698 for one electric motor and starter:
General Electric Co., (1) $2746.10, (2) $1533.60; total, $4279.70.
Allis-Chalmers, (1) $2746.10 motor, (2) $1536.30 starter; total, $2482.40.
Westinghouse Electric Co., (1) $2746.10, (2) $1541.70; total, $4287.80.
Electric Machinery Manufacturing Co., (1) $2746, (2) $1581; total, $4327. • 20

January 4, 1946

BIDS WANTED
OAKLAND, Alameda Co., Calif.—Until Jan. 16, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Daniel Read, Secretary, 512—16th St., Oakland, under Pro. 1702 for cement lined seamless pipe, 6-inch diameter.

Specifications obtainable from the above office. • • 20

January 4, 1946

BIDS WANTED
OAKLAND, Alameda Co., Calif.—Until Jan. 16, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Daniel Read, Secretary, 512—16th St., Oakland, under Pro. 1703 for two magnetic starters, 500-h.p.

Specifications obtainable from the above office. • • 20

Prospective Bidders

Addition to Edgemont School, San Bruno, Calif.

BIDS: San Bruno Elementary School District, January 11, 8 P. M. Plans prepared by Architects Masten & Hurd, 407 Sansome St., San Francisco.
Moore & Roberts, 693 Mission St., San Francisco.
Peter Sartorio, 262 Clementina St., San Francisco.
Carrico & Gautier, 365 Ocean Ave., San Francisco.
S. J. Amoroso Construction Co., 2136 Alemany Blvd., San Francisco.
M. A. Little, 1 Grand View Ave., San Francisco.
Midstate Construction Co., 1299 Bush St., San Francisco.
Richard Delucchi & Co., 420 San Mateo Ave., San Bruno.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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23— CANALS

January 4, 1946

COMPLETE BIDS
KLAMATH PROJ., Ore. - Calif.—Clifford A. Dunn, Klamath Falls, Oregon, and Slate Constr. Co., Box 431, Klamath Falls (joint bidders) at $145,558 submitted low bid to the U. S. Bureau of Reclamation, W. R. Young, chief engineer, Klamath Falls under Spec. 1118 for construction of earthwork and structures, canals and drains, Coppek Bay, Modoc Unit, Tule Lake Division, Klamath Proj., Oregon-Calif. The work is situated about 30 miles southeast of Klamath Falls, and involves:
(1) 321,000 c.y. excav., common, canals and laterals adjacent;
(2) 210,000 c.y. excav., common, drains only;
(3) 20,000 c.y. excav., common, cut-off trench;
(4) 7,000 c.y. excav., rock, canals and drains;
(5) 13,000 c.y. excav., common, embankment borrow;
(6) 1,500 c.y. excav. for core banks;
(7) 2,000 c.y. excav., common, for structures;
(8) 100 c.y. excav., rok for struc.;
(9) 5,000 sta. c.y. overhaul;
(10) 3,800 c.y. earth lining in canal;
(11) 15,000 mi. c.y. haul earth lining material;
(12) 3,100 c.y. backfill;
(13) 1,300 c.y. compacting backfill;
(14) 650 sq. yd. dry-rock paving;
(15) 290 c.y. concrete in struc.;
(16) 24,500 lbs. placing reinf. bars;
(17) 175 M. fbm. erecting timber in structures;
(18) 5,900 l.f. driving timber piles;
(19) 9.4 M fbm. mfg. and driving sheet piling;
(20) 380 l.f. laying 24-in. diam. concrete pipe;
(21) 16 l.f. laying 30-inch diam. do;
(22) 624 l.f. laying 18-in. diam. corru. metal pipe;
(23) 80 l.f. laying 24-inch do;
(24) 84 l.f. laying 30-inch do;
(25) 452 l.f. laying 36-inch do;
(26) 174 l.f. laying 48-inch do;
(27) 14,500 lbs. installing gates and misc. metal work.

Total bids follow:
(A) Clifford A. Dunn and Slate Construction Co., Klamath Falls, $145,558.
(B) Kuckenberg Constr Co., Portland, $163,875.
(C) Marshall & Haas, San Mateo, Calif., $174,289.
(D) George R. Stacy, Klamath Falls $182,262.30.
(E) Morrison-Knudsen Co., Los Angeles, $186,186.90.
(F) Fred J. Maurer & Son, Eureka, $307,839.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)..	$.13	$.16	$.20	$.16	$.185
(2)..	.12	.16	.13	.14	.185
(3)..	.11	.25	.20	.25	.185
(4)..	1.05	2.50	2.00	3.30	1.75
(5)..	.15	.40	.18	.20	.32
(6)..	.25	.60	.30	.25	.62
(7)..	3.00	.75	2.75	2.10	1.30
(8)..	6.00	3.00	10.00	6.00	14.00
(9)..	.02	.05	.10	.04	.01
(10)..	1.00	.35	.50	.35	1.10
(11)..	.15	.20	.25	.25	.23
(12)..	.90	.25	1.00	1.00	.35
(13)..	1.50	1.00	1.00	2.50	2.35
(14)..	6.00	3.00	4.10	3.75	4.40
(15)..	57.00	50.00	55.00	50.00	55.00
(16)..	.06	.04	.07	.06	.04
(17)..	80.00	50.00	66.00	60.00	84.50
(18)..	1.40	1.50	1.00	2.50	1.75
(19)..	150.00	100.00	100.00	500.00	130.00
(20)..	1.50	1.50	2.75	2.50	1.60
(21)..	2.00	4.00	4.00	4.00	2.00
(22)..	1.00	1.00	1.35	1.20	.75
(23)..	1.25	1.50	1.65	1.50	.90
(24)..	1.50	2.50	2.25	2.00	1.00
(25)..	1.75	4.00	3.30	3.00	1.20
(26)..	2.50	6.00	5.00	4.50	1.50
(27)..	.07	.10	.11	.10	.20

(F)

	(F)		(F)
(1)	$.39	(2)	$.39
(3)	.39	(4)	2.00
(5)	.39	(6)	.60
(7)	3.00	(8)	7.00
(9)	.01	(10)	1.50
(11)	.20	(12)	2.00
(13)	.50	(14)	5.00
(15)	45.00	(16)	.02
(17)	100.00	(18)	1.00
(19)	150.00	(20)	2.00
(21)	3.00	(22)	2.00
(23)	3.00	(24)	3.50
(25)	3.00	(26)	4.50
(27)	.30		

• • 23

January 4, 1946

LOW BIDDER
RIVERTON PROJECT, Wyoming. —W. E. Baling, Meeteetse, Wyo., at $188,604.60, submitted low bid to the U. S. Bureau of Reclamation, Riverton, Wyo., under Spec. 1127 for construction of earthwork and structures, Pilot Canal, station 1841 to station 2002; Pilot Canal, laterals P36.5, P37.7N and P37.7S, and sublaterals, Pilot Division, Riverton Project, Wyoming. The work is situated about 9 to 12 miles northeast of Riverton, Wyo.

Malcolm G. Long, Billings, Mont., at $220,073.50, submitted second low bid. • 23

January 4, 1946

BIDS WANTED
CENTRAL VALLEY PROJECT, California.—Until February 2 bids will be received by the Bureau of Reclamation, Friant, Calif., for the construction of an additional 16 miles of the Friant-Kern canal, Central Valley Project, Friant, Calif. The new work will extend construction to a point about 25.5 miles south of Friant Dam. • 23

25—MACHINERY AND EQUIPMENT

January 4, 1946

NO BIDS RECEIVED
SACRAMENTO, Calif. — No bids were received by the Cit yof Sacramento Water Department, City Hall, for remote control equipment for water tanks Nos. 1 and 2. 25

26— RAILROADS

January 4, 1946

COMPLETE BIDS
INYOKERN, Kern Co., Calif.—As previously reported, H. B. Nicholson, 1151 S. Broadway, Los Angeles, Room 572, at $213,658 on Item 1, submitted the low bid to the officer in charge of construction, Naval Ordnance Test Station, Inyokern, December 29, for the construction of spur trackage, China Lake to K-2 Plate Range at the Naval Ordnance Test Station, Inyokern, Calif.; Specifications No. 17372, NOy 13203. The project involves the construction of an extension to existing railroad, including approximately 40,680 lin. ft. of trackage, switches, turnouts and appurtenant facilities.

The bids were taken as follows:
(1) price for entire work complete;
(2) omission of transfer depot siding and spur, deduct;
(3) unit price per cu. yd. for removal and spoiling of objectional material and replacing with select material from borrow pits.

The bids submitted were:
H. B. Nicholson, (1) $213,658, (2) $14,300, (3) $1.
A. D. Schader, San Francisco, (1) $214,700, (2) $13,700, (3) $.31.
Haddock Engineers, Ltd., (1) $216,900, (2) $13,000, (3) $1.
Guerin Bros., (1) $216,987, (2) $15,000, (3) $.85.
Clifford C. Bong, (1) $233,435, (2) $16,000, (3) $.65.
Sharp & Fellows & Smith, (1) $234,000, (2) $15,700, (3) $.68.
Morrison - Knudsen Co., Inc., (1) $245,840, (2) $18,840, (3) $.79.
Johnson, Drake & Piper, (1) $279,290, (2) $23,000, (3) $1.40.
Nathan A. Moore, (1) $319,813, (2) $15,000, (3) $1.
R. Goold & Son, (1) $449,326.17, (2) $24,713, (3) $1. • 26

29— STREETS AND HIGHWAYS

January 4, 1945

LOW BIDDER
SAN DIEGO, Calif.—Mittry Bros. Construction Co., 4801 San Fernando Rd., West Los Angeles, at $1,338,002.20, submitted low bid to the State Division of Highways, G. T. McCoy, state highway engineer, State Bldg., Los Angeles, for about 2.9 miles of grading and surfacing with portland cement concrete pavement between "A" St. and 0.4 mile south of Mission Valley Rd. in the City of San Diego. • 29

January 3, 1946

CONTRACT AWARDED
LOS ANGELES COUNTY, Calif.—Vinnell Co., 1145 Westminster, Alhambra, at $27,844.07 awarded contract by the Los Angeles County Board of Supervisors, 501 Hall of Records, Los Angeles, Dec. 26, for the construction of improvements along Los Nietos Rd. south of Whittier between Imperial Highway and Leffingwell Road, a distance of approximately 3950 l.f. or 0.75 mile. Cash Contract 573. Bids taken December 18. 29

January 3, 1946

FUNDS ALLOTTED
FARMINGTON, N. M.—Mayor Willis Martin of Farmington has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $4000 will be furnished to the town for the purpose of assisting in the preparation of plans for street improvements. The plans for street improvemntes can now be completed and all arrnagements made for construction.

The preliminary draft outlines 11.1 miles of bituminous surfacing, 4-in. base; ½-in. bituminous surface, 50 ft. width average, with curb and gutter and other appurtenant work. The estimated cost of the improvements will be $163,000, to be furnished from special assessment. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction is begun.

E. A. Rose, located at Denver, Colo., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for New Mexico. 29

January 3, 1946

BIDS ANNOUNCED
MOFFETT FIELD, Santa Clara Co, Calif.—Fredrickson and Watson Constr. Co., 873—81st Ave., Oakland, at $86,988 submitted low bid Dec. 21, 1 P. M., to the Ames Aeronautical Laboratory, Moffett Field, for construction of concrete slab taxiway, 75 ft. wide, 14 inches thick, and approximately 835 ft. long, with 15-ft. wide shoulders on each side, of penetration macadam and crusher run sub-base at Moffett Field.

Complete bids were:
Fredrickson & Watson Constr. Co., Oakland, $86,988.
Union Paving Co., San Francisco, $99,709.
L. C. Smith, San Mateo, $91,490.
Carl N. Swenson Co., San Jose, $87,802.
Chas. L. Harney, San Francisco, $99,709. • • 29

January 3, 1946

NOTICE
KINGS COUNTY, Calif.—A representative of the district office of the State Division of Highways will accompany prospective bidders over the proposed project in Kings County, road VI-Kin-125-D, for which bids are to be received in Sacramento on January 16, 1946.

Said representative will meet prospective bidders at Stratford on January 9, 1946, at 10 A. M. 29

January 3, 1946

NOTICE
TEHAMA COUNTY, Calif.—A representative of the district office of the State Division of Highways will accompany prospective bidders over the proposed project in Tehama county, road II-Teh-3-C, for which bids are to be received in Sacramento on January 16, 1946.

Said representative will meet prospective bidders at the Fremont Hotel, Red Bluff, on January 11, 1946, between 9 A. M. and 4 P. M. 29

January 3, 1946

BLUE PRINTS AVAILABLE
SACRAMENTO, Calif.—State Highway Engineer G. T. McCoy announces blue prints are now available for the following work for which bids will be opened in Sacramento on January 16 and on January 23:

II-Teh-3-C, between 6 miles north of Red Bluff and Shasta County line: Plans (including sales tax), $5.07; cross-sections (including sales tax), $29.37; total cost plans and cross-sections (including sales tax), $34.44.

II-Teh-3-D, between Los Molinos and Red Bluff: Plans (including sales tax), $2.61; total cost plans (including sales tax), $2.61.

III-Col-7-A,B, between 3 miles north of Arbuckle and 4 miles south of Williams: Plans (including sales tax), $2.77; cross-sections (including sales tax), $8.76; total cost plans and cross-sections (including sales tax), $11.53.

IV-S.M-68-S.M, over Bayshore Highway at Peninsular Ave.: Plans (including sales tax), $2.15; total cost plans (including sales tax), $2.15.

VI-Kin-125-D, between 5th standard parallel south and 1.5 miles north: Plans (including sales tax), $0.77; cross-sections (including sales tax), $3.54; total cost plants and cross-sections (including sales tax), $4.31.

X-S.J-5-B, between Grant Line Rd. and Mossdale: Plans (including sales tax), $2.46; cross-sections (including sales tax), $19.83; total cost plans and cross-sections (including sales tax), $22.29.

X-S.J-5-B, bridges across Paradise Cut and Paradise Cut Overflow: Plans (including sales tax), $1.39; total cost plans (including sales tax), $1.39.

X-Sol-Waterfront Rd. in the City of Vallejo, between Virginia St. and Santa Clara St.: Plans (including sales tax), $0.77; cross-sections (including sales tax), $1.39; total cost plans and cross-sections (including sales tax), $2.16.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif. 29

January 3, 1946

NOTICE
SOLANO COUNTY, Calif.—A representative of the district office of the State Division of Highways will meet prospective bidders for the proposed project in Solano County, in the City of Vallejo, X-Sol-Waterfront Road, for which bids are to be received in Sacramento on January 23, 1946.

Said representative will meet prospective bidders where the project intersects Georgia St. on Thursday, January 17, 1946, at 1 P. M. 29

January 3, 1946

NOTICE
SAN MATEO COUNTY, Calif.—A representative of the district office of the State Division of Highways will accompany prospective bidders over the proposed project in San Mateo County, road IV-S.M-68-S.M, for which bids are to be received in Sacramento on January 16, 1946.

Said representative will meet prospective bidders at junction of Bayshore Freeway and Peninsular Ave. in San Mateo on Tuesday, January 8, 1946, at 2 P. M. 29

January 3, 1946

BIDS REJECTED
NAPA, Calif.—The City of Napa, Charles E. Martin, city clerk, City Hall, rejected bids submitted December 28 for resurfacing tennis courts at the Napa intermediate school. New bids will be asked shortly. 29

(Continued on Page Eight)

WANTED—FOR SALE—FOR RENT
USED EQUIPMENT and MATERIALS
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NEW & RECONDITIONED DIMENSION LUMBER
TIMBERS, wallboards, plumbing, pipe, millwork, and other building materials. SALE PRICES. Large stocks of "hard to get" items.
Wire, write, or 'phone
CLEVELAND WRECKING CO.
2900 Third St. - VAlencia 4977

70-ft. STEEL TOWER, 28 M gal. REDWOOD TANK and two 66-in. x 24-ft. x ⅜-in. STEEL PRESSURE TANKS to be sold as one unit. Located in San Francisco. Must be removed at once. Sacrifice. Write, 'phone or wire for information.
CLEVELAND WRECKING CO.
2800 Third Street, San Francisco
VAlencia 4977 (tf)

FOR RENT OR SALE
CAT 30 WITH HYDR. DOZER. 2643 San Bruno Ave., S. F. Phone RA. 2998. to Jan. 8, 1946

FOR SALE
150 M. 12x12 LUMBER, $35 per M. Bob Olsen, 2643 San Bruno Ave., San Francisco. Phone RAndolph 2998. (Jan. 3, 4, 7, 8, 9, 1946)

FOR SALE
350,000 Bm. Good Used Douglas Fir Lumber, 3x8, 3x10, 3x12, 4x12, 6x12, 8x8, 10x10, 10x12, 12x12, 12x16. Timbers 8 ft. to 6 ft. in length, all in very good condition. Address: FRED J. MAURER & SON, Phone 1585 or Box 121, Eureka, California.

POSITION WANTED
CIVIL ENGINEER, graduate, veteran, desires position with contractor, estimating or field; 4 years exp. office engin. in hydraulics, highways and structural steel design. Reply Box 14, c/o Daily Pacific Builder. Jan. 4-7-8-9-10-11, '46

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—V—

INSULATING MORTAR USES SOAP

An active insulating composition consisting of a special soap-base paste and a strong lightweight and fireproof mortar body is described by R. Connell and S. I. Wilson in U. S. Patent 2,364,344. Used in the approximate proportions of 0.6 pound of paste to 94 pounds of portland cement, the requisite paste consists of:

Ammonium stearate (soap)	1 gal.
Corn starch	1 oz.
Ammonium alum sulfate	1 oz.

The mortar body itself consists of about 94 pounds of portland cement and a vermiculite aggregate of up to 12 volumes to one volume of portland cement, and 7 to 14 gallons of water.

—V—

CHINA LOOKS FORWARD

China is looking forward to rapid postwar industrialization with the emphasis on heavy industries—power plants, chemicals, railway and highway transportation, aviation and port facilities. Partially as a result of a shortage of private industrial capital and the absence of a vigorous industrial class, according to a Twentieth Century Fund publication, industrialization will proceed under state guidance and to a large extent under state ownership and direction.

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FALK, MARK M., 251 Kearny St.
FISHER, ALFRED P., 300 Montgomery Street.
FISHER, R. J., 826 Crocker Building.
GOULD, JOHN J., Financial Center Building.
HALL, FREDERIC F., 251 Kearny.
HAMMILL, HAROLD B., 381 Bush.
HANSON, ROBERT A., 19th and Indiana Streets.
HARRIS, FREDERIC R., Inc., 230 California Street.
HASSENMILLER, WILFORD S., 100 Bush Street.
HAUN, GEORGE CLEVELAND, 580 Market Street.
HAYES, JESSE E., 525 Market St.
HENRY, RODNEY WM., Shell Oil Building.
HILL, GEORGE S., 36 Diamond St.
HJUL, JAMES H., 128 Russ Street.
HUBER, EARL RAYMOND, USFS, Phelan Building.
HUBER, WALTER LeROY, 1 Montgomery Street.
IRVIN, LESLIE A., Fort Winfield Scott.
JAKOBSEN, B. F., Balfour Building.
KEGLER, HOWARD L., 661 29th Avenue.
KELLBERG, F. W., 320 Market St.
KING, STANLEY C., 500 Sansome St.
KNAPIK, EDWARD MATHIAS, 1325 Crocker 1st National Bank Bldg.
KRAFFT, ALFRED J., Phelan Bldg.
LEVY, EDWIN F., 727 17th Avenue.
LITTLE, JOHN GOULDING, 251 Kearny Street.
MARDEL, CHARLES M., 2335 Pacific Avenue.
MEYERHOLZ, R. IVAN, 245 Market.
NISHKIAN, L. H., 155 Sansome St.
PAQUETTE, J. ALBERT, 320 Market Street.
PERKINS, MAC D., 110 Sutter St.
PHILLEO, R. A., CEC Hq., 4th Air Force.
POWERS, H. C., 612 Sharon Bldg.
PREGNOFF, M. V., 251 Kearny St.
RINNE, JOHN E., 225 Bush Street.
ROSENTHAL, HYMAN, 617 Montgomery Street.
ROSENWALD, JESSE, 525 Market.
SAMPSON, RAPHAEL, 333 Montgomery Street.
SAPH, A. V., Jr., Rialto Bldg.
SCHELLENBERG, G. W., 225 Bush.
SEAGLE, CLARENCE E., 681 Market Street.
SJOBERG, HAROLD O., 233 Sansome Street.
SKYTTE, JOHANNES, City Hall.
SMITH, HARVEY A., 712 Pacific Building.
SMITH, JAS. M., 251 Kearny Street.
SPITZER, FELIX H., City Hall.
SQUIRE, HARRY EDWIN, 19 Ferry Building.
STEELE, L CLEVELAND, 245 Market Street.
SWAIN, CLARKSON, 320 Market St.
THAYER, EDWARD S., 1208 Balfour Building.
THEILL, KAJ, 580 Market Street.
THOMPSON, ISADORE, 58 Sutter.
VENSANO, H. C., City Hall.
WASHINGTON, GEO., 417 Market.
WHIPPLE, S. K., 225 Bush Street.
WHITE, FRANK G., 18 Ferry Bldg.
WOODRUFF, GLENN B., 333 Montgomery Street.
WRIGHT, J. G., 233 Sansome Street.
ZOLLNER, CARL W., 333 Kearny St.

OAKLAND

ANDERSON, ARTHUR W., 1801 Bank of America Bldg.
BASTOW J. G., Grove Street Pier.
COOLEY, R. H., 354 Hobart Street.
CORLETT, WILL G., 1801 Bank of America Building.
COTTERILL, GEO. W., 5354 Lawton Avenue.
DALTON, ROBT. DOCK, City Hall.
DEWELL, ROBERT D., 6181 Contra Costa Road.
ELLERY, N. B., 2124 Coloma Street.
GUPTILL, JOSEPH R., 5906 McAndrews Drive.
HANSEN, CHARLES, Grove St. Pier.
KENNEDY, ROBT. CHAS., 512 16th Street.
KITCHEL, MILTON P., City Hall.
LYMAN, RICHARD F. Jr., 6602 Chabot Road.
MANOV, MATEO M., 337 17th Street.
NEVIUS, SEARLE B., 184 13th St.
O'NEIL, HUGH M., 363 17th Street.
PLANT, FRANCIS B., 858 Alma Ave.
SANDNER, VICTOR R., c/o Moore Drydock Company.
SAWYER, FRANK L., 1025 2nd Ave.
SCHIRMER, HOWARD A., 1444 14th Street.
SLY, CLARENCE JEFFERSON, 638 Miranda Street.
THURSTON, EUGENE T., 840 Rosemount Road.
WHITTON, CHAS. A., 1085 2nd Ave.
WILLIAMSON, H. P., 3639 Fruitvale Avenue.

WASHINGTON, D. C.

LOTZ, WM. D., Bureau of Yards & Docks.

WALNUT CREEK, CALIF.

McKEE, GEORGE T., Saranap.

LOS ALTOS

NORDWELL, ALFRED W., Box 218.

ROSS

NORDWELL, ALFRED W., Box 218.

WOODLAND

PROCTOR, ASA G., P. O. Box 327.

SAN ANSELMO

HJORT, SIGGE I., Box 261.

SACRAMENTO

AEPPLI, ERNEST, Rte. 9, Box 1353.
BROWNFIELD, ALLEN H., 3033 V Street.
BUEHLER, WALTER A., 3410 Land Park Drive.
ENGER, ARTHUR L., Public Works Building.
EWING, M. A., 1120 "N" Street.
FRANCIS, ERNEST D., Cronan Building.
HOLLISTER, LEONARD C., State Bridge Department.
HUTCHINSON, RALPH W., Public Works Building.
ILLERICH, OTTOMAR THEODORE, Public Works Building.
JOHNSON, FRANK A., Public Works Building.
KROMER, CLARENCE HERBERT, Wright Building.
LONG, WALTER J., Department of Public Works.
McGINNESS, ARTHUR R., Old P. O. Building.
MEEHAN, ANDREW J., 2540 Fifth Avenue.
NELLDOV, IVAN M., Public Works Building.
PANHORST, F. W., P. O. Box 1499.
PETERSEN, WM. HARTMAN, Public Works Building.
PURCELL, CHARLES H., 210 Public Works Building.
REYNOLDS, FRANK HOWARD, 905 Forum Building.
ROWE, R. ROBINSON, 339 Public Works Building.
SHIELDS, JAMES RALPH, 205 City Hall.
STOVER, HARVEY D., 327 Public Works Building.
WALKER, ARTHUR V., 1020 "N" St.
WILLETT, ALBERT B., 708 35th St.
WILLETT, D. C., Public Works Bldg.

ALAMEDA

ASHCROFT, GLEN B., 1823 Alameda Avenue.
GORMAN, SIDNEY S., 2308 Webster Street.
GREEN, FREDERICK M., 927 San Antonio Avenue.
HESS, C. W., 1242 Hawthorne Street.

BERKELEY

DAVIS, RAYMOND E., University of California.
DERLETH, CHARLES Jr., 218 Engineering Bldg., U. of C.
JAMEYSON, BRUCE, C. E. Bldg., U. of C. Campus.
JENNINGS, GEORGE M., 1715 Buena Avenue.
SEAGE, CLARENCE E., Jr., 10062 Broadway Terrace.
WIELAND, CHAS. F., 199 Hillcrest Road.

STOCKTON

BAMBERGER, SIDNEY F., P. O. Box 1848.
GULICK, CHAS. W., College of the Pacific.

SAN MATEO

COX, HARRY A., 215 Elm Street.

PIEDMONT

BROWN, ULYSSES G., 32 Arbor Dr.
COLLINS, MERTON C., 82 Fairview Avenue.

FORT BAKER

BELL, CHARLES LAMBERT.

PALO ALTO

GILL, G. F., 550 Forrest Avenue.
WELLS, JAS. BERTRAND, 846 Lytton Avenue.
WING, CHAS B., 345 Lincoln Ave.

Council Seeks Building Material Aid For Farmers

Extending building material priority to home builders will penalize the nation's 6,000,000 farmers and tend to reduce food production unless materials also are made available for essential farm construction, Chris L. Christensen, Chairman of the Farm Buildings Committee of the Producers' Council, stated Saturday.

"No one will quarrel with the expediting of construction of urban housing for veterans, but thousands of other service men are returning to the farms as fast as they are demobilized and must have materials and equipment with which to construct barns, chicken houses, and other necessary structures," Christensen said.

"While home building is to receive priority assistance up to half of the available building products, the Federal government cannot escape recognizing that farm construction also is essential. OPA ceiling prices of building materials must be adjusted promptly to permit greater production of these needed materials.

"A forecast by the Market Analysis Committee of the Producers' Council estimates that the volume of new building on farms will total more than $2.5 billion during the next six years, including estimated expenditures of $400 million during 1946 alone, provided sufficient materials and equipment are made available."

Official Proposals

(Continued from Page 2)

FIRST PUBLISHED TODAY

Erection of Ward Buildings for Infirm and Disturbed Females, Stockton State Hospital, Stockton, Calif.

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF ARCHITECTURE

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the Division of Architecture, Public Works Building, 12th and "N" Street, Sacramento, California, up to 2:00 P. M., **Tuesday, January 29, 1946**, said bids thereafter on said day to be publicly opened and read for the erection and completion of the Ward Buildings for Infirm Females and for Disturbed Females, Stockton State Hospital, Stockton, California, in accordance with plans and specifications therefor.

The Ward Buildings for Infirm Females and Disturbed Females consist of a one-story and two-story reinforced concrete buildings having a combined floor area of approximately 160,000 square feet with hollow tile partitions, steel sash, and clay shingle tile roof covering.

Separate bids only will be entertained for the following segregated parts of the work.

1. General Work.
2. Heating and Ventilating Work.
3. Plumbing Work.
4. Electrical Work.

Alternate bids will be required for the omission of certain work.

Prevailing Wage Scale: In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

	Hourly Rate
Asbestos Workers	$1.50
Bricklayers	1.75
Carpenters	1.50
Cement Finishers	1.50
Electric Workers	1.70
Glass Workers	1.25
Iron Workers, Architectural	1.60
Iron Workers, Reinforcing Steel	1.50
Laborers, Building	1.06¼
Lathers	1.75
Masons' Tenders	1.40
Painters (brush)	1.37½
Plasterers	1.75
Plasterers' Tenders	1.50
Plumbers	1.50
Roofers	1.37½
Sheet Metal Workers	1.50
Steam Fitters	1.50
Tile Setter	1.37½
Operator of Power Shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of Power Shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Tractor Driver	1.70
Truck Driver (8 cu. yds. water level capacity and less than 14 cubic yards)	1.25
Truck Driver (4 cu. yds. and less than 8 cu. yds. water level capacity)	1.06¼
Truck Driver (less than 4 cu. yds. water level capacity)	.90
Any classification omitted herein not less than	1.06¼
Overtime—One and one-half times the above rates.	

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal Officer or agency, in so far as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal Order, whether higher or lower, shall control.

Apprentices may be employed provided they are properly indentured to the Contractor in full compliance with the provisions of Section 1777.5 of the Labor Code.

Plans and specifications for examination are on file in the Office of the Division of Architecture, Public Works Building, Sacramento, and Room 803 State Office Building, Los Angeles, and at the principal California Cities Builders' Exchange Offices.

Contractors who are desirous of securing plans, specifications and proposal forms for the purposes of preparing and submitting a proposal for this work may do so subject to certain conditions as hereinafter stated by requesting same in writing from the Division of Architecture, Public Works Building, Sacramento. Such request shall be accompanied by a deposit of Twenty Five ($25.00) dollars. Check shall be made payable to the Division of Architecture. Such deposit is required to guarantee the safe return in good condition of the plans and specifications to the Division of Architecture within 30 days after the date set for opening bids. Failure to so return the plans will cause forfeiture of the Deposit to the State.

Prequalification: Plans, specifications and proposal forms will only be issued to those contractors who are prequalified with the Department of Public Works by having filed a statement of experience and financial condition on a standard questionnaire form in accordance with the provisions of the State Contract Act. Such statement must have been filed and approved not more than one (1) year and not less than five (5) days previous to the date set for receiving and opening bids. Contractors may obtain standard questionnaire forms from the Division of Architecture.

No bid will be accepted from a contractor who has not been licensed in accordance with the provisions of the Contractor's License Act or to whom a proposal has not been issued by the Department of Public Works.

No bid will be considered unless it is presented on a proposal form furnished by the Division of Architecture and accompanied by a bidder's bond, cash, a cashier's or certified check made payable to the Director of Public Works in the sum of at least ten per centum (10%) of the amount of the bid.

The Department of Public Works reserves the right to reject any or all bids and to waive any informality in any bid received.

No bidder may withdraw his bid for a period of thirty (30) days after the time set for opening thereof.

DEPARTMENT of PUBLIC WORKS
DIVISION OF ARCHITECTURE
ANSON BOYD,
State Architect.
(Daily Pacific Builder)
(Jan. 4-11-18-25, 1946)

FIRST PUBLISHED TODAY

Highway Imp.—Relocation and Reconstruction of Buildings at Seaside; Road V-Mon-56-1.

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

December 28, 1945

NOTICE TO BIDDERS

SPECIAL PROVISIONS AND PROPOSAL FOR RIGHT OF WAY RELOCATION WORK

Sealed proposals will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, 50 Higuera Street, San Luis Obispo, California, until 10:00 o'clock A. M., Tuesday, **January 15, 1946**, at which time they will be publicly opened and read for the performance of the following work, in accordance with the terms and conditions of the plans, special provisions, and the General Specifications of the Department of Public Works, Division of Highways, for the Relocation and Reconstruction of Improvements to Clear Right of Way, dated June 1945.

Relocation of Buildings on Property of Carrie M. Rose at 1500 Fremont Street Extension, Seaside, California.

Relocation of Building on Property of Harold C. Long at 1340 Fremont Street Extension, Seaside, California.

Relocation of Buildings on Property of James R. Flaws, 1524 Fremont Street Extension, Seaside, California.

Relocation of Buildings on Property of Raymond Wasson, at Corner of Fremont Street Extension and Mingo Avenue, Seaside, California.

Relocation of Building on Property of I. C. Drake, at Corner of Fremont Street Extension and Palm Avenue, Seaside, California.

Relocation of Buildings on Property of Robert F. Brassfield, at Corner of Fremont Street Extension and Elm Avenue, Seaside, California.

Relocation of Buildings on Property of Heirs of R. H. Bare, on Fremont Street Extension near Oak Avenue, Seaside, California.

Relocation of Building on Property of Del Monte Properties Company at Corner of Fremont Street Extension and Del Monte Avenue, Seaside, California.

The Department of Public Works reserves the right to reject any and all bids.

(Daily Pacific Builder)
(January 4, 1946)

Comfort Station, 37th District Agricultural Assn., Santa Maria, Cal.

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF ARCHITECTURE

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the Division of Architecture, Public Works Bldg., 12th and "N" Streets, Sacramento, California, up to 3:30 P. M., Tuesday, **January 15, 1946**, said bids thereafter on said day to be publicly opened and read for Comfort Station, 37th District Agricultural Association, Santa Maria, California, in accordance with plans and specifications therefor.

The work includes construction of a concrete and frame building of approximately 1200 sq. ft., together with a sewer line.

Prevailing Wage Scale: In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

	Hourly Rate
Carpenter	$1.50
Cement Finisher	1.625
Concrete Mixer Operator (paving type and mobile mixer)	1.65
Concrete Mixer Operator (Skip type)	1:425
Electrician	1.70
Iron Worker, Reinforcing Steel	1.625
Laborer	1.00
Lather, Metal	1.66-⅔
Painter	1.50
Plasterer	1.75
Plasterer's Tender	1.25
Plumber	1.50
Roofer	1.43
Sheet Metal Worker	1.44
Trenching Machine Operator	1.625
Truck Driver, less than four cubic yards water level	1.075
Overtime: one and one-half times the above rates.	

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal Officer or agency, insofar as th same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Apprentices may be employed provided they are properly indentured to the Contractor in full compliance with the provisions of Section 1777.5 of the Labor Code.

Plans and specifications for examination are on file in the Office of the Division of Architecture, Public Works Buildings, Sacramento, and Room 803 State Office Building, Los Angeles, and at the principal California Cities Builders' Exchange Offices.

Contractors who are desirous of securing plans, specifications and proposal forms for the purposes of preparing and submitting a proposal for this work may do so by requesting same in writing from the Division of Architecture, Public Works Building, Sacramento.

No bid will be accepted from a contractor who has not been licensed in accordance with the provisions of the Contractor's License Act or to whom a proposal has not been issued by the Department of Public Works.

No bid will be considered unless it is presented on a proposal form furnished by the Division of Architecture and accompanied by a bidder's bond, cash, a cashier's or certified check made payable to the Director of Public Works in the sum of at least ten per centum (10%) of the amount of the bid.

The Department of Public Works reserves the right to reject any or all bids and to waive any informality in any bid received.

No bidder may withdraw his bid for a period of thirty (30) days after the time set for opening thereof.

DEPARTMENT of PUBLIC WORKS
DIVISION OF ARCHITECTURE
ANSON BOYD
STATE ARCHITECT
(Daily Pacific Builder)
(Dec. 28, 1945; Jan. 4, 11, 1946)

Highway Improvements—Sacramento County, Across Sacramento River at Rio Vista (X-Sac-53-C)

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, 1200 North Center Street, Stockton, California, until 2:00 o'clock P.M. on **January 8, 1946**, at which time and place they will be publicly opened and read, for performing work as follows:

Sacramento County, across Sacramento River at Rio Vista (X-Sac-53-C) portion of a bridge to be removed.

Plans and specifications, and forms of proposal, bonds, and contract may be obtained at the above address.

No bid will be considered unless it is made on a proposal form furnished by the District Engineer, and is made in accordance with the provisions set forth under Section 2, "Proposal Requirements and Conditions" of the Standard Specifications. Each bid must be accompanied by a proposal guaranty in accordance with the requirements of article (f) of the said Section 2 of the Standard Specifications.

The Department of Public Works reserves the right to reject any or all bids.

The quantities listed in the State Highway Engineer's Estimate hereinafter stated, are approximate only, being given as a basis for the comparison of bids, and the Department of Public Works does not, expressly or by implication, agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work, or to omit portions of the work, as may be deemed by the Engineer to be necessary or advisable.

Bids are required on the entire work described herein.

The rates of wages, including overtime, holiday or Sunday rates, herein specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Carpenter	$1.50
Derrick operator	2.00
Flagman	1.0625
Laborer	1.0625
Oiler derrick and piledriver	1.25
Oiler power shovels or cranes	1.25
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Pile driver hoistman or operator	1.85
Pile driver man	1.61
Any classification omitted herein not less than	1.0625
Overtime — one and one-half (1½) times the above rates.	
Sundays and holidays (except watchmen, guards and flagmen—one and one-half (1½) times the above rates.	

STATE HIGHWAY ENGINEER'S ESTIMATE

Item 1. Removing portion of bridge.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
By PAUL O. HARDING,
District Engineer, District X.
Dated: December 17, 1945.
(Daily Pacific Builder)
(Dec. 28, '45, Jan. 4, 1946)

Current Building Material Outlook Not Optimistic

Despite recent gains in the production of many critical construction materials that enabled the industry to make notable progress during the final quarter of 1945, the overall outlook for early 1946 is pessimistic with serious shortages plaguing the industry, according to the December report to the construction industry prepared by the Construction Division, Department of Commerce.

According to the Construction Division the current outlook for specific materials is as follows:

Steel. Current production reaching higher levels than anticipated. If the strike called for January 14 does not materialize, outlook is good, otherwise priorities may have to be reinstituted.

Cast Iron Soil Pipe. Production improving but supply still short, with little stock available. Some evidence of a return of labor to the industry and of foundry reopenings.

Cast Iron Pressure Pipe. Position somewhat better than soil pipe. Orders very heavy and increasing.

Portland Cement. Now in ample supply, but lack of coal and manpower impeding building up of inventories.

Concrete Masonry Products

Building Blocks. Orders increasing. Demand arising from expanding construction volume can be met by increased manpower.

Concrete Pipe. Plants operating to capacity of present labor supply. Adequate labor supply dependent on wage increases.

Structural Insulating Board. No improvement in manpower. Increasing demand prevents building up of inventories.

Gypsum Board. Supply generally adequate for current construction activity. Rising trend in production of gypsum lath indicates some lessening of difficulties in getting orders filled.

Asphalt Roofing, Siding, Felts. Heavy demands by floor covering and automotive industries causing shortages for construction. Large maintenance and repair demands in prospect. Backlog of orders continues heavy.

Clay Products

Common and Face Brick. Preliminary estimates indicate increasing production adequate to meet fourth quarter construction activity.

Structural Clay Tile. Recent spot survey forecasts sharp gains in production by the end of 1945.

Vitrified Clay Sewer Pipe. Shipments continue to exceed production. Production slowly improving, but not in proportion to increasing backlog of orders.

Cement and Asbestos Products. Situation tight; no appreciable inventories. Labor difficulties have slowed down production in all asbestos products except insulation and flat sheets.

Lumber. Production declining. Labor difficulties in winter producing areas, cost-price relationship and continued manpower shortages principal contributing factors. Mill and distributors stocks at an all-time low.

Lumber and Lumber Products

Hardwood Flooring. Not keeping pace with construction demands.

Millwork. Order files greatly in excess of the industry's ability to produce at present level of labor and material supply.

Wood Shingles. Current production negligible. Shortage of labor and logs are the deterrents.

Plywood. Production off; but some gains reported in warehouse inventories.

Metal Building Materials

Steel Windows. Both industrial and residential windows continue in tight suppply. Stocks low.

Bar Joints. Heay tonnage backlog. Delivery delays.

Metal Insect Screen Cloth. Civilian demand now 200% above normal prewar year.

Hardware and Hand Tools. Supply of better grades of hardware sufficient fro current needs. Less expensive hardware short due to lack of gray iron castings. Hand tools, ladders and wheelbarrows in short supply.

Nails. Small size nails continue in short supply.

Plumbing

Cast Iron Bath Tubs. Labor difficulties settled. Early improvement in production expected.

Steel Bath Tubs. Start of production dependent on supply of sheet.

Earthenware Tubs. Subject to delivery delays. Stocks low.

General. Other materials and fixtures not in very good supply, and subject to delivery delays.

Heating

Cast Iron Boilers (Steam and hot water). Production slow. Small house sizes critically short.

Cast Iron Radiation. Production low. Stocks extremely low. Situation shows no improvement.

General. Supply of most all other heating items limited. Many subject to long delivery delays.

Electrical Materials (Fixtures and wiring appliances). Factory shipments of supplies will lag behind orders two to three months, and fixtures from three to six months.

Teaching Timber Engineering

By FRANK J. HANRAHAN

Structural Engineer, National Lumber Manufacturers Assn.

Recently, I heard one of the nation's outstanding testing engineers, who is not associated with any industry marketing materials, state that the present economic waste of engineering materials is appalling, that this is seldom the fault of the material, but nearly always the fault of the designer. He asked; "What do we gain when scientists and material manufacturers, frequently at great expense, provide materials of higher and more uniform strength and designers do not take advantage of the merits of the materials?"

Excellent examples of what can be done in wood are shown in airplane design. Early in the war the wood "Mosquio" set high performance and low cost records which have not yet been equalled in its field. Yet this all-wood 'plane was designed and built by a country which has little wood of its own. It was made possible by the use of an outstanding engineering material, wood, available technical information on it, and knowledge of wood design and construction.

In contrast, the lack of knowledge displayed by many practicing structural engineers and engineering teachers on the engineering properties of wood, one of our major construction materials, and on modern structural design procedures in timber is a matter of concern. Thomases who doubt this statement need go no further for confirmation than to examine many of our war structures and the antedated material given in many of our textbooks and taught in many of our engineering schools. Yet, it is probable that, in recent years, scientific advancement in timber design has exceeded that of any other structural material.

In our wartime structures, the magnitude and speed of the construction program was such that peacetime refinement in design and a choice of lumber suitable for the application were not possible in all cases.

Lack of sufficient manpower and equipment prevented the lumber industry from increasing production to keep pace with the increasing lumber demands of war, thereby making it necessary to use improper lumber in many structures. In some cases, working stresses two or more times those in common use during peacetime were used. In spite of these facts, engineers charged with the maintenance of war-time timber structures attribute most of the defects found to faulty design and construction.

An editorial in a leading engineering journal called this subject to the attention of engineers by stating: "Timber, even green timber, is a structural material of importance. It deserves as scientific treatment as any other."

The simple facts are that, under the pressure of a national emergency and the greatest construction program in history, many engineers had to "cram" the fundamentals of timber design which should have been taught them while in engineering school. Because of the non-homogeneous properties of wood, proper design in timber calls for a better knowledge of engineering fundamentals than in most other materials.

Some engineers found that rule of thumb procedures and obsolete data taught to them in school prior to the war had no place in a program where efficiency of design to conserve material was essential.

Engineers in touch with educators have been amazed to find that some teachers do not know that yard lumber is graded on the basis of appearance rather than strength and that, for important structural members of large structures, stress-grade (structural) lumber which is graded on the basis of strength should be used, and that they blissfully disregard such modern developments as timber connectors, glued laminated lumber, and timber-concrete composite constructions.

Fortunately, there also has been ample evidence, both before and during the war, that many schools and teachers feel that their structural engineerings graduates should be equipped to render their employers and clients the maximum of service by being able to design efficiently, or at least intelligently, in that material, whatever it may be, which best and most economically fulfills the structural requirements.

Progressive schools are devoting more time to instruction and research on wood. The Timber Engineering Company conducted a survey in 1936 which showed that only 31 professors in 23 universities were teaching timber engineering. The 1943 survey revealed that, out of 224 replying, 188 profesors in 135 universities taught timber engineering. Although the Army and Navy training programs undoubtedly were a factor in the results of the 1943 survey, the trend was definitely upward before the war from 1936 through 1940. Further, 144 of the professors in the 1943 survey stated that they intended to continue these courses after the war.

When it is considered that a study of contract awards made just before the war, with prices at their normal competitive levels, showed the bids on timber construction running about 15 per cent lower in the east and 45 per cent lower in the southwest and west than alternates in other materials, and that a proportionally increasing amount of the construction was going to timber, it is difficult to see the logic of following any other path than to include in the curriculum instruction on engineering properties of wood and modern timber design.

The insertion, expansion or revision of instructional material in any curriculum of course raises problems for the administrator and teacher, but progressive educators, not being static, meet and solve rather than ignore problems as they arise. Every school has certain limitations of budget, enrollment, personnel and facilities, made increasingly exasperating by wartime uncertainties. Various schools may arrive at different solutions, but that such a problem is not insurmountable is evidenced by the fact that many schools are teaching timber engineering and doing a good job of it.

Suggestions which may prove of assistance in finding space for timber engineering in an already crowded curriculum include:

The more effective and more rapid educational methods developed in wartime training programs might be investigated and some of them adopted to advantage.

A strictly impartial re-evaluation and balancing of current curriculum and course content may provide a solution.

One lead, which deserves more attention than it commonly receives, is the investigation of the instructional and study time that could be saved by breaking down the conception held by may students that the various courses of the curriculum are separate, unrelated pigeon holes of knowledge, rather than a continuous growth and expansion of fundamental engineering knowledge. Unless teachers bridge the gap between courses by pointing out and tying together the common fundamentals of related concurrent and successive courses, much time is lost by the student for lack of orientation which might well be spent in acquiring additional knowledge.

Maximum success of such a cooperative endeavor in engineering education calls for a breaking down of administrative barriers between college departments and frequent, frank, enthusiastic discussions of viewpoints, problems, and methods on the part of the teachers of related courses. Such intercourse will have the added advantage of broadening the concepts of many teachers.

How timber engineering should be taught will depend on the teacher and the school curriculum and facilities. However, it is importand that, in addition to being exposed to information on the engineering properties, of wood and basic principles of timber design, the student be required to complete a detailed design of at least one wood truss or frame (preferably split-ring connector construction) and one timber joint with each of the various common types of fastenings to make certain that he has acquired sufficient knowledge to make complete practical designs in lumber.

So far as trade practices are concerned, aside from a few pointers on classifications and grades of commercial lumber, meaning of commonly used lumber terms and abbreviations, dimensional differences between nominal, rough, and surfaced dimensions, available commercial services, including grading, grade marking and certificate of inspection, and sources of more detailed information which can be used as references, little instruction is needed. It is far more important that the student be instructed in pertinent fundamental technical information on wood and in modern design which take the properties of wood and its fastenings into account.

No. California County and City Engineers

ALAMEDA, Carl Froerer.
ALAMEDA CO., Wallace B. Boggs.
ALBANY, U. R. Grey.
ANTIOCH, John S. Bates.
ARCATA, Hal C. Acheson.
ATHERTON, James S. James.
ATWATER, W. E. Bedesen.

BAKERSFIELD, Joseph Holfelder.
BELMONT, Robert Klassen.
BENICIA, Phil R. Jones.
BERKELEY, Harry Goodridge.
BURLINGAME, Cecil L. Longson.
BUTTE COUNTY, Bert Paxton.

CALAVERAS CO., Oliver C. Wyllie.
CALISTOGA, Clyde C. Kennedy.
CHICO, Frank Robinson.
CONCORD, John S. Bates.
CONTRA COSTA CO., J. W. Barkley.

DALY CITY, Robert Klassen.
DAVIS, Alexander M. McKinnon.
DEL NORTE CO., H. M. Malpas.
DOS PALOS, W. E. Bedesen.

EL CERRITO, R. R. Randall.
EMERYVILLE, Geo. T. Oliver.
EUREKA, Geo. S. Winzler.
EXETER, Irvin M. Althouse.

FRESNO COUNTY, A. J. Nielsen.

GILROY, W. J. Hanna.

HANFORD, Walter K. Hopkins.
HAYWARD, J. A. Mancini.

KERN COUNTY, J. R. Thornton.
KING CITY, H. F. Cozzens.
KINGS COUNTY, J. H. Hayes.

LIVERMORE, C. G. Clarke.
LIVINGSTON, W. E. Bedesen.
LODI, Clinton Henning.
LOS BANOS, W. E. Bedesen.
LOS GATOS, L. Cedric Macabee.

MANTECA, John S. Bates.
MARIN COUNTY, C. P. Clow.
MARTINEZ, Leonard McClintock.
MARYSVILLE; F. H. Divver, Jr.
MENLO PARK, Edwin Smith.
MERCED, G. E. Winton.
MERCED CO., W. E. Bedesen.
MILL VALLEY, Edward Hussey.
MODESTO, Frank J. Rossi.
MONTEREY, Howard Severance.
MONTEREY CO., H. F. Cozzens.
MOUNTAIN VIEW, C. C. Kennedy.

NAPA, H. A. Harrold.
NAPA COUNTY, E. P. Ball.

OAKLAND, Walter N. Frickstad.
OROVILLE, S. J. Norris.

PACIFIC GROVE, Alfred D. Coons.
PALO ALTO, Fabian S. Miller.
PASO ROBLES, Hal Johnson.
PETALUMA, S. Gonzales.
PINOLE, Ross Calfee.
PITTSBURG, E. L. O'Hara.
PLACER COUNTY, John A. Shields.
PORTERVILLE, Irvin H. Althouse.

REDDING, A. H. Ross.
REDWOOD CITY, R. A. Klassen.
RICHMOND, E. A. Hoffman.

SACRAMENTO, Fred J. Klaus.
SACRAMENTO CO., A. L. Kiefer.
SALINAS, Donald Davies.
SAN BRUNO, C. L. White.
SAN CARLOS, R. A. Klassen.
SAN FRANCISCO, R. G. Wadsworth.
SAN JOAQUIN CO., J. B. Manthey.
SAN JOSE, Harold J. Flannery.
SAN LEANDRO, Chas. P. Martin.
SAN MATEO, Harold Porter.
SAN MATEO CO., M. A. Grant.
SAN RAFAEL, Raymond A. Boege.
SANTA CLARA, Edgar C. Schott.
SANTA CLARA CO., R. D. Chandler.
SANTA CRUZ, Robert Jennings.
SANTA CRUZ CO., A. B. Baldwin.
SANTA ROSA, Walter F. Adams.
SHASTA COUNTY, Ernest Breuning
SEBASTOPOL, Walt Adams.
SISKIYIU COUNTY, A. F. Parrott.
SOLANO COUNTY, J. R. Burnham.
SONOMA CO., Marshall M. Wallace.
SONORA, B. H. Maynard.
SOUTH SAN FRANCISCO, Charles T. Broughton.
STANISLAUS CO., G. D. Macomber.
STOCKTON, Lyle Payton.
SUISUN, F. A. Steiger.
SUNNYVALE, H. N. Bishop.
SUSANVILLE, M. J. Tilley.
SUTTER CO., Edward Von Geldern.

TEHAMA CO., Chas. A. Luning.
TRACY, John S. Bates.
TULARE CO., T. Wayne Switzer.
TURLOCK, Don Davis.

VALLEJO, T. D. Kilkenney.
VISALIA, Norman A. Huth.

WOODLAND, Asa G. Proctor.

YOLO COUNTY, Henry Von Dorsten
YREKA, Howard O'Connor.

Manufacturers' Literature

AIR CONDITIONING

The Magic of Electronics in Air Filtration. Discussion of the theory of electronic air filtration, its efficiency, developments in its use, and typical applications. American Air Filter Co., Inc., First and Central Ave., Louisville 8, Ky.

Refrigeration and Air Conditioning in Hospitals (Bulletin 502). By Terry Mitchell, M.E. Reprinted from "Architectural Record". Discusses air conditioning in nurseries, operating rooms, etc., storage of biologicals, refrigeration equipment. 4 pp., illus. Frick Company, Waynesboro, Pa,

CONVEYORS

Barrel Conveyors in the Petroleum Industry. Operating information on the handling of barrels and drums by conveyor system. 12 pp., illus. Lamson Corp., Syracuse, N. Y.*

CORROSION CONTROL

Cold Water Deaeration (Reprint No. 43). Description of a method of removing oxygen and carbon dioxide from process waters used cold, to prevent corrosive action. 4 pp., illus. Cochrane Corp., 17th St. and Allegheny Ave., Philadelphia 32, Pa.*

GLASS BLOCK

Beautiful Homes. How the glass block can be used in practical and interesting ways in all types and sizes of homes. Photographs, renderings and floor plans of houses by Paul Laszlo, George Fred Keck, Henry Otis Chapman, Randolph Evans, and others. Construction details. 34 pp., illus. Owens-Illinois Glass Co., Insulux Products Division, Toledo 1, Ohio.*

HEATING

Byers Wrought Iron for Radiant Heating. A working manual for architects and engineers. Detailed procedure is listed for figuring heat losses and piping requirements, designing the coils, supply and return mains. Factual data on the relative merits of locating the coils in floor and ceiling. History and theory of radiant heating. Typical installations. Notes on installation methods. Effect on wood floors. 52 pp., illus. A. M. Byers Co., Pittsburgh, Pa.*

MOVIES IN INDUSTRY

Movies Go to Work. A general picture of the use of sound films in industry. 24 pp., illus. Bell & Howell Co., 7100 McCormick Road, Chicago 45, Ill.

SPARK PLUG BUSHINGS

...."Heli-Coil" Spark Plug Bushings. Description of and advantages claimed for the Heli-Coil Bushing. Includes installation details. 8 pp., illus. Aircraft Screw Products Co., Inc., 47-23 35th St., Long Island City 1, N. Y.

VIBRATION CONTROL

Vibration in Industry. The effects of vibration on plants, equipment and personnel, and methods of controlling vibration. 12 pp., illus. Korfund Co., Inc., 48-15 32nd Place, Long Island City 1, N. Y.

WINDOWS

STEEL JOISTS

The Steel Joist as a Structural Unit. General information on products and procedure, joist types, safe load tables, typical installations, construction details. 28 pp., illus. Macomber, Inc., Canton, Ohio.*

TURBINE GENERATORS

Worthington Turbine Generators (Bulletin 1960). Full description, installation details and applications of the various types of turbines. 46 pp., illus. Worthington Pump and Machinery Corp., Harrison, N. J.*

RESIN GLUES

Bakelite Phenolic Resin Glues for Plywood. Describes Bakelite phenolic resin glues, their advantages, and the different types for hot-set bonding, warm-setting, cold-setting, and for molded plywood. 8 pp., illus. Bakelite Corp., 300 Madison Ave., New York 17, N. Y.*

LIGHTING

Light from Floors. The peacetime possibilities of the light-reflecting white-cement floor. Includes source material prepared in collaboration with authorities on illumination, design and construction. Gives recommended practice for construction of white cement concrete floor finish. 24 pp., illus. Universal Atlas Cement Co., 135 E. 42nd St., New York City.*

PORCELAIN ENAMEL

Porcelain Enamel, Its Characteristics and Qualities. Characteristics of and uses for porcelain enamel, description of how it is made and applied. Application details. Porcelain Enamel Institute, Inc., 1010 Vermont Ave., N.W., Washington 5, D. C.*

REFRIGERATION COMPRESSORS

Gas Engine Refrigeration Compressors (Bulletin C-1100-B21); Refrigeration Compressors, Steam Engine Driven (Bulletin C-11-B22) Booster Refrigeration Compressors (Bulletin C-1100-B23). Description, specifications, typical installations. 12 pp., 14 pp., 6 pp., resp., illus. Worthington Pump & Machinery Corp., Harrison, N. J.*

PUMPS

Deming Pumps Everywhere. The uses of one company's line of pumps in various fields—agriculture, factories, towns and villages, marine and aviation industries, and so on. 32 pp., illus. The Deming Co., Salem, Ohio.

SNOW REMOVAL

A study of Snow Removal (Case Study No. 4). Snow melting by means of underground hot water or steam wrought iron pipe lines. Specific information on five installations: (1) beneath the sidewalks of an office building; (2) in a residence driveway; (3) beneath crosswalks in an industrial plant; (4) in a truck driveway; (5) in a truck ramp at a factory. Design and installation practices. 6 pp., illus. A. M. Byers Co., Pittsburgh, Pa.*

STORES

Your Appliance Store. Design information for the electrical appliance store: site selection, space requirements, basic types of store front, equipment layouts, demonstration display rooms, bacic display units, wall and floor treatments, lighting. 48 pp., illus. General Electric Co., 1285 Boston Ave., Bridgeport 2, Conn.*

ENGINEERING INSTRUMENTS

Gurley Engineering Instruments (Bulletin 50). Condensed catalog describing transits, levels, alidades, etc., will full price list. 90 pp., illus. W. & L. E. Gurley, Troy, N. Y.

TENITE

Tenite Cementing and Assembling. Procedure to be followed in cement together pieces of molded Tenite. 2 pp. Tennessee Eastman Corp., Kingsport, Tenn.*

Truscon Steel Windows and Hangar Doors (1945 Edition). A catalog of steel windows approved by the Metal Window Institute and based upon the modular standards of ASA Project A62. Gives full particulars of types and sizes, installation details, etc., of windows, plus general information on hangar doors. 44 pp., illus. Truscon Steel Co., Youngstown 1, Ohio.*

***Other product information in Sweet's File, 1945, available at office of Daily Pacific Builder.**

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS

Building Permits, $1,000 and Over, Applied For

SAN FRANCISCO COUNTY

ALTER APTS.
1554-1566 ELLIS STREET.
Owner—Geo Staffin, premises.
Architect—Not Given. $6,500
(App No 84919)

STORE, 1-STORY FRAME
S TARAVAL 32.6 E 32nd Avenue.
Owner—James Van Der Kooy, 1442 Taraval St.
Contractor—Peter E Vukicevich, 1442 Taraval St.
Architect—Not Given. $5,500
(App No 84938).

STOREROOM, CLASS C
E CLARA ST 375 SE 6th St.
Owner—Sahil & Alexander, c/o cntr.
Contractor—J A Johansen, 30 Point Lobos Avenue.
Architect—Not Given. $5,000
(App No 84928).

ALTER DWELLING
763 DE HARO STREET.
Owner—Miss Elizabeth Hanna, prem.
Contractor — Larus Erlendson, 400 Douglas Street.
Architect—Not Given $5,000
(App No 84924).

DWELLING, 1-STORY FRAME
NW FRANCE and MOSCOW.
Owner—Mr and rMs Kranci, 707 Vienna St.
Contractor—David A Burton, 678 Vienna.
Architect—Not Given. $4,900
(App No 84926).

ALTER OFFICE
2272 MISSION STREET.
Owner—Pacific Tel & Tel Co, 140 New Montgomery St.
Contractor—N H Sjoberg and Sons, 5604 E 16th St, Oakland.
Architect—Not Given. $3,000
(App No 84951).

ALTER APT BLDG
1021 HARRISON STREET.
Owner—E E Jost, 2500 98th Avenue, Oakland.
Contractor—A Swedberg, 1055 Howard Street.
Architect—Not Given. $3,000
(App No 84922).

DWELLINGS, four 1-story frame
NE LAKEVIEW Ave, E Margaret, NE Lakeview 25 E Margaret, E Margaret 50, 75 N Lakeview.
Owner and Builder—Ed Rosemont, 176 Duboce Ave.
Architect—Not Given. $2,000 each
(App Nos 84915 to 84918).

ALTER OFFICES
1411 46th AVENUE.
Owner—Bill Blancks, 4101 Judah St.
Contractor—Robt P Kelly, 4101 Judah Street.
Architect—Not Given. $2,000
(App No 84939).

ALTER OFFICES
291 GEARY STREET.
Owner—J H Nussenfeld, M.D., 350 Post Street.
Contractor—Adam Arras & Son, 116 New Montgomery St.
Architect—Not Given. $2,000
(App No 84927).

DWELLINGS, six 1-story frame
E LEAVENWORTH 108.3½ S Washington Street.
Owner—Henry E Reed, 3967 Clay St.
Contractor—Not Let.
Architect—Not Given. $1,500 each
(App Nos 84930-35).

ALTER STORE
320 ALEMANY BLVD.
Owner—Sunset Supply Co, premises.
Contractor—Wellnitz & DeNarde, 316 Sixth Street.
Architect—Not Given. $1,400
(App No 84937).

ALTER DWELLING
935 VISITACION AVENUE.
Owner—Mr Lynch, premises.
Contractor—E O Risu, 2535 16th Ave.
Architect—Not Given. $1,200
(App No 84950).

ALTER BAKERY
2738 MISSION STREET.
Owner — Taste God Bakeries, 360 Russ Street.
Contractor—Wellnitz & DeNarde, 316 Sixth Street.
Architect—Not Given. $1,200
(App No 94936).

Building Permits, $1,000 and Under, Applied For

SAN FRANCISCO COUNTY

ALTER fountain lunch, $950; 3349 23rd St; owner, Gladys Weber and Belle Coatis, 3227 21st St; contractor, Thomas Hamil Constr Co, 4124 Geary Blvd.

SIGNS, four electric, 1985 Mission St, $1099, and $998, owner, Eugene Mulligan; 1800 Van Ness Ave, (2) $900 each, owner, Bissinger and Welch; contractor, Neon Maintenance Corp, 755 Davis St.

ALTER store and warehouse, $900; 871 Mission St; owner, Wobber's, premises; contractor, R S Silverberg, 753 Larch St.

ALTER restaurant, $500; 1739 Fillmore St; owner, Julia A Wojankonski, 776 Stanyan St.

ALTER dwelling, $500; 1170 Gilman; owner, J G and Virginia J Lopes, 1170 Gilman Ave.

ALTER flats, $590; 236-A Guerrero; owner, Alice V Cook, premises.

ALTER rooming house, $480; 21 Ross Alley; owner, Chin Him, premises; contractor, L P Lee, 1104 Stockton St.

SIGN, electric, $450; 3324 Judah St; owner, MacArthur Real Est, prem; contractor, QRS Neon, 690 Potrero Ave.

SIGNS, three electric, 483 Ellis St, $498, owner, Mario J Brucoli; 1988 Mission St, $200, owner, Gene Mulligan; 824 Taraval St, $490, owner, J C Johnson; contractor, Neon Mtce Corp, 755 Davis St.

ALTER apts, $300; 651 3rd Avenue; owner and contractor, J Kamenar 651 3rd Ave.

ALTER drug store, $300; 400 Kearny St; owner, Geo Ivancovich, c/o cntr; contractor, Leonard Salomon, 1734 Broderick St.

ALTER dwelling, $300; 627 Banks; owner, Robert Nunez, prem; contractor, United Roofing and Siding Co, 2906 Mission St.

ALTER dwelling, $300; 334 San Miguel; owner, Geo Hard, prem.

SIGN, electric, $275; 1200 Van Ness; owner, J W McAllister, premises; contractor, Elec Prod Corp, 910 Harrison St.

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Building Permits, $1,000 and Over, Applied For

ALAMEDA COUNTY

1-STORY STEEL ADDITION
1657 23RD ST., OAKLAND.
Owner and Builder—Earle M. Jorgensen Co., 10510 S. Alameda St., Los Angeles.
Architect—W. G. Merchant, 57 Post St., San Francisco. $110,000

1-STORY CONCRETE STORE
3320-30-34 TELEGRAPH AVE., OAKLAND.
Owner — John A. Ragghianti, 2425 Telegraph Ave.
Builder—Stolte, Inc., 8451 San Leandro St.
Architect—Not Given. $45,000

1-STORY CONCRETE STORE BLDG
1932 FRANKLIN ST., OAKLAND.
Owner and Builder—W. K. Condues, 714 Jean St.
Plans by C. N. Burrell and Robert Dalton, 409 15th St. $25,000

ALTERATIONS
420 FRANKLIN ST., OAKLAND.
Owner—G. Bonara Co., 420 Franklin.
Builder—Thermal Insulation Co., 2351 Jerrold Ave., San Francisco.
Architect—Not Given. $10,000

1-STORY 6-ROOM DWELLING
9324 MURIELO AVE., OAKLAND.
Owner—Ralph Kroll, 8833 Hillside St.
Builder—Harry Kroll, 3466 Oak Knoll Blvd.
Architect—Not Given. $7,500

1-STORY 5-ROOM DWELLING
3541 MIRASAL AVE., OAKLAND.
Owner—Ralph Kroll, 8833 Hillside St.
Builder—Harry Kroll, 3466 Oak Knoll Blvd.
Architect—Not Given. $6,500

2-STORY ADDITION
2926 FOOTHILL BLVD., OAKLAND.
Owner—J. E. Wright, 2926 Foothill Blvd.
Builder—Albert A. Church, 1602 53rd Ave.
Architect—Not Given. $4,700

1-STORY 5-ROOM DWELLING
2808 108TH AVE., OAKLAND.
Owner and Builder—Bevilacqua Bros., 544 Dutton Ave., San Leandro.
Architect—Not Given. $4,000

ALTERATIONS
1427 BROADWAY, OAKLAND.
Owner — Kronrad's Jewelers, 1427 Broadway.
Builder—Royal Show Case Co., 770 McAllister St., San Francisco.
Architect—Not Given. $3,250

ADDITION
333 COVINGTON ST., OAKLAND.
Owner — Mrs. Norma Weldon, 333 Covington St.
Builder—Leo C. Brandt, 2325 Coolidge Ave.
Architect—Not Given. $2,800

ALTERATIONS
2304 E. 14TH ST., OAKLAND.
Owner—Mike Camberos, 2304 E. 14th.
Builder—Marvin E. Collins, 825 Galvin Dr., El Cerrito.
Architect—Not Given. $1,500

ALTERATIONS AND REPAIRS
3033 WEST ST., OAKLAND.
Owner—Marie Bidou, 3033 West St.
Builder—J. V. Adams, 744 65th St.
Architect—Not Given. $1,500

ADDITION
5835 CHABOT COURT, OAKLAND.
Owner—R. Fredrickson, 5835 Chabot Court.
Builder — The Mastercraft Co., 842 4th Ave.
Architect—Not Given. $1,200

ADDITION
3500 CALANDRIA AVE., OAKLAND.
Owner and Builder—H. Gedes Jr., 3500 Calandria Ave.
Architect—Not Given. $1,150

PERMITS UNDER $1,000

ALAMEDA COUNTY

OAKLAND

ALTERATIONS, $940; 4020 West St; owner, Chas J Thompson, premises; builder, H S Walker, 5922 Telegraph Ave.

GARAGE, $400; 10741 Acalanes Dr; owner and builder, Milton J Riley, premises.

SHED, $350; 3500 Calandria Ave; owner and builder, H Gedes Jr, premises.

ADDITION, $350; 4755 Fairfax Ave; owner and builder, Kenneth C Bauer, 4755 Fairfax Ave.

ADDITION, $300; 1563 Havenscourt Blvd; owner and builder, Roy S Phelps, premises.

ELECTRIC SIGN, $150; 3100 San Pablo Ave; owner, Signal Oil Co, premises; builder, Electric Products Corp, 950 30th St.

ELECTRIC SIGN, $150; 4201 Broadway; owner, E J Tobey, premises; builder, Electrical Products Corp, 950 30th St.

ALTERATIONS, $127; 1625 Clay St; owner, Pacific Gas & Electric Co, 1625 Clay St; builder, J B Petersen, 503 Superior St, San Leandro.

WRECK 1-STORY BUILDING, $100; 1545 Franklin St; owner, Pacific Tel & Tel Co, 360 17th St; builder, N H Sjoberg & Son, 5604 E 16th St.

BERKELEY

STORAGE SHED, $900; 1196 Carrison; owner, Fall, premises; contractor, Frank Puccetti, 4121 Lusk St, Oakland.

ALTER, $300; 2220 Haste; owner, Evelyn Bergen, premises; contractor, W H Morgan, 2820 Adeline.

ROOFING, $290; 1245 Berkeley Way; owner, Likens, prem; contractor, John T Morris, 2015 Blake.

ROOFING, $250; 2619 Regent; owner, C R Fisher, premises; contractor, Chas Seeley, 1315 Bonita.

ALTER, $50; 1264 University; owner and contractor, Chas and M Bahem, premises.

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BUNKERS
Phone: GArfield 3756
6th and Channel, San Francisco

PALO ALTO

BUSINESS BUILDING (type 4), $5000; 306 Cambridge Ave; owners, Cavell and Venda Boyle, 268 Lambert St; builder, Cavell Boyle; plans by W F Hemple, 514 Bryant.

ALTER RESIDENCE, $2000; 408 Grant St; owner, Harry Lumello, Menlo Park; builder, A G Goodman, East Palo Alto.

ALTER RESIDENCE, $1000; 501 Kingsley Ave; owner and builder, H E and O Place.

BURLINGAME

RESIDENCE, $8000; Lot 29, Block 35, Bernal Ave; owner, H Hellman; builder, Hardman Construction Co.

ATTIC ROOM, $500; 1312 Edgehill; owner and builder, L Rankin.

SAN MATEO

OFFICE AND APARTMENTS, $30,000; 39 San Mateo Dr; owner, Dr J M Foley; builder, Conway & Culligan.

DWELLING, $15,000; 215 5th Ave; owner, Frank S Stifanik; builder, Herman Christensen.

DWELLING, $12,000; 523 Iowa; owner, Ed L Devencenzi; builder, Francis H Kappeler.

STORE AND DWELLING, $11,000; 172-6 South Blvd; owner and builder, J M Hardy.

DWELLING AND GARAGE, $10,000; 724 Tulare Ct; owner and builder, J C Eilers.

COMMERCIAL BUILDING, $6000; 104 Bell Tract; owner and builder, James J Kehoe.

ALTER STORE, $4000; 3095 S Ellsworth; owner, International Totalizer Co; builder, R E Broderick.

WAREHOUSE, $3000; 2280 Palm Ave; owner and builder, H J Hardy.

SACRAMENTO

REMODEL, $50,000; 812 Kay St; owner and builder, Zukor's.

CRYPTS, $20,000; 43rd and Folsom; owner, East Lawn Co; builder, Markwart Co, P O Box 2104, Sacramento.

DUPLEX, $8775; 3989 E St; owner, Myron Miller; builder, Geo W Reed, 390 S Van Ness Ave, San Francisco.

REMODEL BUILDING, $7500; 211 N St; owner, Artz & Cook; builder, Paul Prom.

RESIDENCE, $7300; 924 45th St; owners, R O & G E Coffman.

BUILDING, $6800; 608 Jones Way; owner, B King; builder, Markwart Co, P O Box 2104, Sacramento.

BUILDING, $6000; 5325 Jay St; owner and builder, J Cechettini.

BUILDING, $5000; 879 3rd Ave; owner and builder, Wm Regan.

BUILDING, $4650; 4241 V St; owner, D L Kambestard; builder, Markwart Co, P O Box 2104, Sacramento.

DUPLEX, $4500; 2423 V St; owner, S Bacchi.

BUILDING, $4400; 5838 Jay St; owner and builder, D S Waldron.

BUILDING, $3300; 4433 12th Ave; owner and builder, E C Leaburg.

BUILDING, $2400; 1417 16th St; owner and builder, Mercury Cleaners.

REMODEL, $1500; 1319 K St; owner and builder, Lauppe Co.

BUILDING, $1000; 408 8th St; owner and builder, S Martini.

ADDITION, $1000; 2428 18th St; owner, S Bacchi; builder, C F Lindfeldt, 2824 18th St.

FOUNDATION, $1000; 1304 W St; owner and builder, E Blair.

SIGN, $500; 609 K St; owner, Maurice's Store; builder, Electric Sign Co.

REROOF BUILDING, $500; 830 Jay St; owner, Mrs Wagner; builder, Valley Roofing Co.

BUILDING, $500; 620 Eye St; owner, Fred Hughes Co.

OFFICE, $500; 1530 Tea; owner, Tom Smith; builder, H A Herndren.

REMODEL, $400; 889 6th Ave; owner and builder, A D Yeargain.

REMODEL, $500; 1024 Eye St; owner and builder, F O Johnson.

REMODEL, $300; 315 Jay St; owner, Lim Tong; builder, Laurence Construction Co, 3020 V St, Sacramento.

REMODEL, $125; 2831 Eye St; owner and builder, R J Nickerson.

FRESNO

TRIPLEX BUILDING, $10,000; 2524-32-40 Moroa; owner and builder, J W Jolly.

ALTER STORE, $10,000; 1036 Fulton; owner and builder, Berland's Shoe Store.

RESIDENCE AND GARAGE, $6000; 745 Thorne; owner and builder, A Z Avakian.

ADD TO STORE, $4000; 2220 Inyo; owner and builder, Valley Glass Co.

ALTER STORE, $1000; 1347 Van Ness; owner and builder, Montgomery Ward.

ADD TO STORE, $900; 1741 Van Ness; owner, Mrs Minnie Wright; builder, A R Eklund, 1332 Andrews, Fresno.

ALTER OUTBUILDING, $700; 1104 College; owner, Mollie A Peterson.

ALTER WHOLESALE BUILDING, $500; 722 Broadway; owner, Herman & Todresic; builder, Harris Construction Co, P O Box 109, Fresno.

ALTER DWELLING, $500; 124 F St; owner and builder Aug. D Winters.

Furnace Permits

OAKLAND

839 Neilson; owner, ...; dealer, W MacMillan; w closet; w basin; shower.

829 Mendocino; owner, Argubright; dealer, H P Murphy; w closet.

1625 Julia; owner, ...; dealer, Richmond Plbg; w closet; w basin; b tub.

Building Permits, $500.00 and Over, Issued by the Board of Public Works

SAN FRANCISCO COUNTY

JANUARY 2, 1946

2899 Mission St; alter restaurant; cost, $2000; owner, G Ferro.

W Arch St 150, 175, 200 N Garfield; three 1-story frame dwellings; cost, $5500 each; owner, Lloyd Sundberg.

30 Gilroy St; alter dwelling; cost, $600; owner, Wm F Poynter.

2056 Chestnut St; alter shop; cost, $800; owner, A Angili.

W Parque Drive 325 N Geneva; one-story frame bldg; cost, $4700; owner, Sbarboro & Jorgensen, Inc.

3125 Jackson St; alter flats; cost, $500; owner, R H Blumberg.

N Irving St 82 W 24th Ave; one-story frame dwelling; cost, $4000; owner, Harold Siegel.

34 Third St; alter restaurant; cost $700; owner, J Halloran.

W 29th Ave 75, 100, 125 S Pacheco; three 1-story frame dwellings; cost, $5800 each; owner, Marvel Home Builders.

176-178 Park St; alter dwelling; cost, $900; owner, J San Fillippo.

3900 Noriega St; alter dwelling; cost, $500; owner, N Coumas.

1033 Taraval St; alter bakery; cost, $750; owner, T H Weitzel.

736 Folsom St; alter shop; cost, $1500; owner, C Porter.

NE Cor 14th St and Van Ness Ave South; one-story frame bldg; cost, $2000; owner, Golden Gate Motors.

1581 Ellis St; alter tavern; cost, $950; owner, Elias Leeder.

NW Cor Post and Powell Streets; alter offices; cost, $2500; owner, United Air Lines.

SF—ELEC ....

BUILDING CONTRACTS

SAN MATEO COUNTY

ALTERATIONS AND ADDITION
SERRA HIGH SCHOOL, Park Blvd and Crystal Springs Rd, San Mateo.
Owner—Roman Catholic Archbishop, 1100Franklin St, San Francisco.
Architect—Martin J Rist, 760 Market St, San Francisco.
Contractor—G W Williams Co, Burlingame.
Filed, Dec 27, '45. Dated, Dec 8, '45.
Framed $12,302.50
Brown coated 12,302.50
Completed 12,302.50
Usual 35 days 12,302.50
TOTAL COST, $49,210.00
Bond, $49,210. Sureties, U S Guaranty Co. Limit 120 working days. Plans and specifications filed.

Completion Notices

ALAMEDA COUNTY

Recorded Accepted

Jan. 3, 1946—Lots 3 to 10, inc, Block 2, Tract 697, Eden Township, Alameda, Calif. Greenwood Corporation to D D Bohannon Organization..........Jan. 2, 1946

Jan. 3, 1946—Lot 16 and ptn Lots 15 and 17, Map Santa Fe Tract, Oakland, Calif. Harry G and Florence Santi to Valley & Lincoln Co ....Dec. 31, 1945

SAN MATEO COUNTY

Dec. 27, 1945—Lot 9, Block 25, San Mateo Terrace. Ferdinand W Bedchmann, etc, to Peninsula Home Builders ....Dec. 24, 1945

Dec. 27 ,1945—Lot 7, Block 5, Edgewood Park. Dominic N Schumacher, etc, to H V Cowan.......... ....Dec. 22, 1945

Dec. 28, 1945—Lot 12, Block 15, Oak Park. Chris D McKeon to McKeon Construction Co..Dec. 21, 1945

Dec. 28, 1945—Lot 5, Block 9, Friendly Acres. Robert L Martin, etc, to A Muerer..........Dec. 26, 1945

Dec. 28, 1945—Lot 34, Block 3, Baywood Knolls. Harry Shapiro to same ....Dec. 27, 1945

Dec. 28, 1945—Lots 14 and 15, Block 13, East San Mateo. William A Bain to Irving Caster..Dec. 27, 1945

Dec. 28, 1945—Lot 12, Block E, Fair Oaks Acres. Leo D Momson, etc, to whom it may concern.......... ....Dec. 28, 1945

Dec. 19, 1945—Lot 16, Block 17, Belle Haven City. Francis L Newton to D D Bohannon Organization.... ....Dec. 27, 1945

Dec. 29, 1945—Lots 13 and 15, Block 4, Beresford No 1. James H Arthur, etc, to Geo Arthur & Son...... ....Dec. 22, 1945

Dec. 29, 1945—Lot 8, Block 1, Beresford No 1. Alvin J Prara to Geo Arthur & Sons..........Dec. 22, 1945

Dec. 29, 1945—2308 Hale Dr, Robert Higgins to James A Shaerin Jr.... ....Dec. 1, 1945

Electrical Permits

SAN FRANCISCO COUNTY

7166 1380 Washington; owner, Cox; contractor, Malm & Welter; 1 fixture; 3 plugs.

7167 819 Ellis; owner, Allbrite; contractor, Malm & Welter; 1 switch; 12 fixtures.

7168 463 39th Ave; owner, Dr Maurer; contractor, J K Herzog; 4 switches; 4 fixtures; 4 plugs.

7169 Geary, north side between Polk and Larkin; owner, A B Holden; contractor, J K Herzog; 6 switches; 44 fixtures; 36 plugs.

7170 88 Embarcadero; owner, Denny Carlin; contractor, Neon Maintenance Corp; sign.

7171 2801 Geary Blvd; owner, Don Monroe; contractor, Neon Maintenance Corp; sign.

7172 2200 Lane St; owner, Frank Manz; contractor, Neon Maintenance Corp; sign.

7173 Civic Auditorium; owner, City and County of San Francisco; contractor, Holzmueller; stage lighting.

7174 127 Victoria St; owner, Baldwinson; contractor, Strom & Smith; 9 switches; 9 fixtures; 12 plugs.

7175 131 Victoria St; owner, Baldwinson; contractor, Strom & Smith; 9 switches; 9 fixtures; 12 plugs.

7176 135 Victoria St; owner, Baldwinson; contractor, Strom & Smith; 9 switches; 9 fixtures; 12 plugs.

7177 3623 25th Ave; owner, J Johnson; contractor, Strom & Smith; 8 plugs.

7178 546 Howard St; owner, Larry Barrett; contractor, Electrical Products Corp; sign.

7179 679 Market St; owner, Great Northern Railroad; contractor, Electrical Products Corp; sign.

7180 945 Market St; owner, Henry's Lunch; contractor, Electric Products Corp; sign.

7181 155 Bright St; owner, Baldwinson; contractor, Strom & Smith; 9 switches; 9 fixtures; 12 plugs.

7182 159 Bright St; owner, Baldwinson; contractor, Strom & Smith; 9 switches; 9 fixtures; 12 plugs.

7183 163 Bright St; owner, Baldwinson; contractor, Strom & Smith; 9 switches; 9 fixtures; 12 plugs.

7184 600 Prague; owner, Nielson; contractor, Strom & Smith; 3 plugs.

7185 1900 16th St; owner, ...; contractor, Associated Electric; 20 switches; 6 fixtures; 15 plugs.

7186 899 Geary; owner, Oriental Art Store; contractor, Ace Electric; 1 outlet.

7187 4700 Geary Blvd; owner, ...; contractor, Ace Electric; 8 fixtures; 4 plugs.

7188 140 Hayes St; owner, Carlos Arroyo; contractor, Rodlack Electric; 2 motors.

7189 100-116 Walnut St; owner, C Keeves; contractor, Old San Francisco Electric; service.

7190 1664 Washington St; owner, Lypes; contractor, Old San Francisco Electric; 2 switches; 1 fixture.

7191 334 Kearny St; owner, Bay Blueprinting; contractor, Hampton Electric; install machine.

7192 545 Mission St; owner, Scott Co; contractor, Hampton Electric; 1 transformer.

7193 1609 Folsom St; owner, Vergaros; contractor, Hampton Electric; 3 plugs.

7194 S side Noriega 57 ft W 28th Ave; owner, Superior Building Co; contractor, Adams Electric; temporary service.

7195 SE Mission corner 11th St; owner, Goodyear Tire Co; contractor, Lynch Electric; alterations.

7196 1821 Taraval; owner, J Huffman Co; contractor, Lynch Electric; 1 switch; 2 fixtures; 1 plug.

7197 2920 Gough; owner, Ferrari; contractor, Byington Electric; service

7198 150 Mason St; owner, Chez Paree; contractor, W B Barker Co; alterations.

7199 2746 Folsom; owner, O Gullickson; contractor, Star Electric Co; 3 switches; 3 fixtures; 5 plugs.

7200 1785 Yosemite; owner, Atlas Metal; contractor, Industrial Marine Electric; 4 switches; 23 fixtures; 6 plugs; 4 motors.

7201 75 Fremont St; owner, ...; contractor, O C Wilson; 3 motors.

7202 2162 34th Ave; owner, ...; contractor, F Goodman; 2 switches; 6 fixtures; 4 plugs.

7203 444 California St; owner, ...; contractor, Frank Goodman; 6 fixtures.

7204 745 Clement; owner, Coliseum Theater; contractor, Frank Goodman; 10 fixtures.

7205 430 Bush St; owner, ...; contractor, Frank Goodman; alterations.

7206 2085-87 Golden Gate Ave; owner, ...; contractor, Frank Goodman; alterations.

7207 639 Montgomery; owner, Florence Restaurant; contractor, Columbia Electric; 2 motors.

7208 860 Stockton St; owner, Sam Woo; contractor, Columbia Electric; sign.

7209 398 Merchant; owner, Premier Oil Co; contractor, Columbia Electric; 2 motors.

7210 315 Davis St; owner, Allied Produce; contractor, Columbia Electric; 3 switches; 8 fixtures; 4 plugs.

7211 1640 Fillmore; owner, Nifty Sports Shop; contractor, Marelco, Inc; 8 fixtures.

7212 835 Market St; owner, Emporium; contractor, Chas A Langlais Co; ....

7213 760 Market St; owner, FPHA contractor, H C Reid & Co; 10 outlets.

8214 229 Ellis St; owner, S F Turkish Baths; contractor, G F Brayer; service; motors.

7215 1021 Bayshore Blvd; owner, ...; contractor, G H Armstrong; 2 outlets; 2 plugs.

7216 2801 3rd; owner, W C Thompson; contractor, G H Armstrong; 12 outlets; 2 switches; 8 plugs; motors.

7217 Van Ness and Golden Gate Aves; owner, John Crowne; contractor, Frank J Klimm Co; alterations.

7218 682 Mission; owner, Taylor Edmunds & Son; contractor, Abbett Electric Co; ....

7219 300 Connecticut; owner, J Kenna; contractor, Smith Electric; 8 outlets; 8 plugs; service; motors.

OAKLAND

34474 8823 A St; owner, J M Walker; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

34475 8817 A St; owner, J M Walker; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

34476 971 72nd Ave; owner, J M Walker; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

34477 8721 D St; owner, J M Walker; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

34478 8727 D St; owner, Walker; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

34479 1030 86th Ave; owner, Walker; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

34480 1006 90th Ave; owner, Walker; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

34481 1009 90th Ave; owner, Walker; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

34482 861 71st Ave; owner, Walker; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

34483 856 70th Ave; owner, Walker; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

34484 850 70th Ave; owner, Walker; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

34485 811 71st Ave; owner, Walk; er; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

34486 842 70th Ave; owner, Walker; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

34487 834 71st Ave; owner, Walker; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

34488 877 71st Ave; owner, Walker; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

34489 887 71st Ave; owner, Walker; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

34490 880 71st Ave; owner, Walker; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

34491 42nd St and Broadway; owner, Signal Oil Co; contractor, Shea Electric Co; alterations.

34492 387 40th St; owner, W D Fischer; contractor, special owner; switches; alterations.

34493 1132 7th St; owner, Alaska Salmon Filet Co; contractor, Scott-Buttner Electric; outlets; switches; fixtures; plugs.

34494 NE 22nd and Broadway; owner, Kruse; contractor, California Electric Co; motors.

34495 9818 E 14th St; owner, El Rancho; contractor, Broadmoor Electric Co; 1 outlet; 1 fixture.

34496 3301 E 14th St; owner, Acme Donut Co; contractor, Clifford Electric Co; range; alterations.

34497 3576 Brunell Dr; owner, Ungaretti; contractor, Clifford Electric Co; outlets; switches; fixtures; plugs.

34498 4724 E 14th St; owner, Ganger; contractor, Fred Schmits; alterations.

34499 363 24th St; owner, Moore; contractor, L E Chapman; sign.

34500 2314 High St; owner, F & M Market; contractor, Davis Electric; 1 switch; 1 plug.

34501 3725 E 14th St; owner, Wynckoop; contractor, James Anderson; outlets; switches; fixtures; plugs; alterations.

34502 3100 San Pablo; owner, Signal Oil Co; contractor, Electrical Products Corp; sign.

34503 4201 Broadway; owner, Toberg; contractor, Electrical Products Corp; sign.

34504 Moss and MacArthur; owner, General Petroleum; contractor, Shea Electric Co; alterations.

34505 16th and Peralta; owner, General Petroleum; contractor, Shea Electric Co; alterations.

34506 8th and Cypress; owner, General Petroleum Corp; contractor, Shea Electric Co; alterations.

34507 52nd and Broadway; owner, Signal Oil Co; contractor, Shea Electric Co; alterations.

34508 16th and Peralta; owner, General Petroleum; contractor, Shea Electric Co; alterations.

34509 16th and Peralta; owner, General Petroleum; contractor, Shea Electric Co; alterations.

34509 1643 E 14th St; owner, Kipp; contractor, Flagler Electric Co; service.

34510 2707 Seminary Ave; owner, Norse; contractor, Flagler Electric; fixtures; alterations.

34511 1541 9th St; owner, Night; contractor, T Bushman Electric Co; 5 outlets; 3 switches; 5 fixtures.

34512 669 42nd St; owner, Boothby; contractor, T Bushman; alterations.

34513 2627 Grove St; owner, Wong; contractor, T Bushman; 3 switches; 4 motors.

34514 1621 Telegraph Ave; owner, Zinke's Shoe Repair; contractor, Spott Electrical Co; 1 motor.

34515 610 16th St, Room 515; owner, Retail Food Clerks; contractor, Spott Electrical Co; outlets; fixtures.

34516 Lakeshore and MacArthur; owner, Standard Oil Co; contractor, White Electric Co; service.

34517 2628 Poplar St; owner, Contract Engineers; contractor, California Electric Co; motors.

34518 1803 E 14th St; owner, Mitchell Shoe Co; contractor, California Electric Co; alterations.

34519 Sobrante Rd 300 ft E of Thornhill; owner, oDe; contractor, T L Rosenberg Co; saw motors.

34520 372 Grand Ave; owner, Beckett & Federighi; contractor, T L Rosenberg Co; fire repairs.

34521 9417 E 14th St; owner, De Lucchi; contractor, Paramount Electric Co; fixtures; alterations.

34522 2357 Foothill Blvd; owner, Peil; contractor, Scott-Buttner Electric Co; 3 outlets; 2 switches; plugs.

34523 3815 Broadway; owner, Sanitary Laundry; contractor, Matson Electric Co; alterations.

34524 1016 Broadway; owner, Snowwhite Food Stores; contractor, Matson Electrical Equipment; motors.

34525 NW 45th and Shattuck; owner, State Radio; contractor, Shea Electric Co; 12 plugs; alterations.

34526 7500 MacArthur; owner, General Petroleum; contractor, Shea Electric Co; sign.

34527 800 3rd Ave; owner, Nicoloni; contractor, Western Neon Corp; sign.

34828 1781½ 16th St; owner, Pelletier; contractor, Western Neon Corp; sign.

34529 363 24th St; owner, Moore; contractor, Western Neon Corp; sign.

34530 359 15th St; owner, Block; contractor, Western Neon Corp; sign.

34531 2523 Broadway; owner, Ortzow; contractor, C A Langlais; outlets; switches; fixtures; plugs.

34532 5927 Marshall; owner, Herman W Thiele; contractor, special owner; 8 fixtures.

BERKELEY

65412 2500 Shattuck; owner, Bank of America; contractor, T L Rosenberg; 28 outlets; 11 switches; 45 fixtures; 9 plugs.

413 2020 Kittredge; owner, H W McKeritt Co; contractor, T L Rosenberg; 2 fixtures.

414 2917 Telegraph; owner, ...; contractor, T L Rosenberg; 4 fixtures.

415 742 Bancroft; owner, Joost Mfg; contractor, T L Rosenberg; 3 outlets; 3 fixtures; 3 plugs.

416 1870 Solano; owner, Dave Lewis; contractor, T L Rosenberg; 90 fixtures.

417 2618 Parker; owner, J M Olson; contractor, Paramount Elec; 25 outlets; 15 switches; 30 plugs.

418 2251 Virginia; owner, M Holm contractor, Paramount Elec; 22 outlets; 17 switches; 21 plugs.

419 1827 Addison; owner, Roos; contractor, Paramount Elec; 1 outlet 2 switches; 1 fixtures; 11 plugs.

Engineering Section

30—RESERVOIRS & DAMS

January 4, 1946

TO ASK BIDS

CANTON DAM, Oklahoma.—On or about February 7 bids will be received by the U. S. Engineer Office, Box 61, Tulsa 2, Okla., for construction of spillway and completion of embankment, Canton Dam on the North Canadian River, in Blaine County, about two miles north of Canton, Okla.

The completed project will consist essentially of a rolled earth fill embankment, four rolled earth fill dikes, concrete spillway and control works and service building. The four dikes, a portion of the embankment and part of the excavation for the spillway have been completed by a previous contract.

Specifications obtainable from the above office upon deposit of $35. • 30

January 3, 1946

BIDS WANTED

PRIEST RAPIDS, Wash. — Until Jan. 21, 2 P. M., bids will be received by Capt. George Hopkins, U.S.E.D., Textile Tower, Seattle, for exploratory foundation work at Priest Rapids damsite, Columbia River, Yakima and Grant Counties.

Specifications obtainable from the above office. 30

31—PIPE LINES & WELLS

January 3, 1946

COMPLETE BIDS

PROVO RIVER PROJECT, Utah.—As previously reported, Carl B. Warren, Pleasant Grove, Utah, at $442,751.50, submitted low bid to the U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Provo, Utah, under Spec. 1131 for the construction of steel pipeline and concrete structures, station 457+16.42 to station 479+41.50, station 1040+76.35 to station 1178+97.50, station 1413+03.00 to station 1468+54.30, station 1613+03.00 to station 1634+01.30, and Provo River crossing, station 374+95 to station 375+85, Salt Lake Aqueduct, Aqueduct Division, Provo River Project, Utah. Work is situated between Provo and Salt Lake City.

Other bids were:

R. A. Wattson, Hollywood, $456,535.

Utah Construction Co., Ogden, $462,625.

Gibbons & Reed, Salt Lake City, $498,866.

Tom L. Gogo, Los Angeles, $568,206.

Unit prices are on file for examination at the office of DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco. 31

33— WATERWORKS

January 4, 1946

BIDS OPENED

SAN PABLO, Contra Costa Co., Calif.—Fred J. Early Jr., 369 Pine St., San Francisco, at $136,577.50, submitted low bid to the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under LS 343 for construction of San Pablo filter plant extension.

Elmer J. Freethy, at $167,994, submitted only other bid.

Complete unit prices will be published shortly. • 33

Machinery & Material

RECLAMATION BUREAU

DENVER, Colo. — Until February 18, 2 P. M., bids will be received at the office of the Bureau of Reclamation, Denver, Colo., under Bid No. 1146 for furnishing and delivering one 12x12-ft. bulkhead gate for installation at the inlet end of any one of the outlet conduit, at Grand Coulee Dam, Columbia Basin Project, Washington, f.o.b. shipping point and/or Odair, Wash.

Specifications obtainable from the above office; no charge to prospective bidders; to others, $1, not returnable.

PARKER DAM POWER PROJECT, California.—Until January 18, 2 P. M., bids will be received at the office of the Bureau of Reclamation, Denver, Colo., for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Earp, Calif., at the option of the bidder, the steel partitions and housing for the Parker power plant, Parker Dam Power Project, California; Spec. 1132. All material will be installed by the government. The specifications contain a provision for liquidated damages for delay. No charge for copies of the specifications to prospective bona fide bidders; to others, $1, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colo.

Prospective Bidders

Buildings and Services for Reserve Fleet Berthing, Mare Island, Calif.

BIDS: Officer in Charge of Construction, Public Works Department, Mare Island; contract NOy 13295, Spec. 17459; January 14, 11 A. M.

Barrett & Hilp, 918 Harrison St., San Francisco.

M. & K. Corp., 200 Financial Center Bldg., San Francisco.

Parker, Steffens & Pearce, 135 South Park, San Francisco.

Moore & Roberts, 693 Mission St., San Francisco.

Johnson, Drake & Piper, 1736 Franklin St., Oakland.

A. J. Hopper Co., 243 Langton St., San Francisco.

Lawrence Construction Co., 3020 V St., Sacramento.

M. J. King, Inc., 132 Franklin St., San Francisco.

Peter Kiewit Sons Co., 442 Post St., San Francisco.

Robert McCarthy Co., 1050 Kirkham St., San Francisco.

Louis C. Dunn, 799 Monadnock Bldg., San Francisco.

J. H. Pomeroy & Co., Inc., 333 Montgomery St., San Francisco.

Healy - Tibbitts Construction Co., 1100 Evans Ave., San Francisco, and Duncanson-Harrelson Co., DeYoung Bldg., San Francisco.

James I. Barnes Constr. Co., 941 Russ Bldg., San Francisco.

Addition to Filteration Plant, Pittsburg, Calif.

BIDS: City of Pittsburg, Frank R. Taormina, City Clerk, Council Chamber, City Hall, January 7, 8 P. M.

Adam Arras & Son, 116 New Montgomery St., San Francisco.

Fred J. Early Jr., 369 Pine St., San Francisco.

Transmission Line, Coos and Curry Counties, Oregon

BIDS: Coos Electric Cooperative, Inc., Coquille, Ore., January 8, 10 A. M. Plans by Lowe Co., Engineers, 315 Architects' Bldg., Los Angeles.

Agutter Electric Co, P. O. Box 309, Newport, Wash.

E W. Elliott, Dexter Horton Bldg., Seattle.

Line Material Co., 1233 NW 12th Ave., Portland.

The Electric Constr. Co., 760 Commerce St., Tacoma, Wash.

W. W. Conner Co., Dexter Horton Bldg., Seattle.

Tulsa Boiler & Machinery Co., P O. Box 1978, Tulsa, Okla.

Joslyn Co. of California, 5100 District Blvd., Los Angeles.

Graybar Electric Co., 500 S Clinton St., Chicago, Ill.

Montgomery Electric, 1001 SW 5th Ave., Portland.

Westinghouse Electric Supply, 134 NW 8th Ave., Portland. • •

Addition to Administration Bldg., Golden Gate Bridge

BIDS: Board of Directors, Golden Gate Bridge and Highway District, c/o James Ricketts, general manager, January 11, 2 P. M. Plans prepared by Structural Engineer L. H. Nishkian, 1045 Sansome St., San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco.

M & K Corp., 200 Financial Center Bldg., San Francisco.

MacDonald, Young & Nelson, 127 Montgomery St., San Francisco.

Midstate Constr. Co., 1299 Bush St., San Francisco.

H. H. Larsen Co., 64 South Park, San Francisco.

Haas Constr. Co., Merchants' Exchange Bldg., San Francisco.

Remodel Store Building, Grant Ave. and Maiden Lane, San Francisco, Calif.

BIDS: Hale Bros., January 11, 3 P. M. Plans prepared by Architect William G. Merchant, 57 Post St., San Francisco.

H. H. Larsen Co., 64 South Park, San Francisco.

MacDonald, Young & Nelson, 127 Montgomery St., San Francisco.

Dinwiddie Construction Co., Inc., 210 Crocker Bldg., San Francisco.

Parker, Steffens & Pearce, 135 South Park, San Francisco.

G. P. W. Jensen & Sons, Inc., 320 Market St., San Francisco. • 4

Non-Responsibility

SAN FRANCISCO COUNTY

Jan 2, 1946—801 BUSH ST. Samuel and Rose Gerson, Lena Cohnreich, Florence Enos and Selma Wales as to improvements on property.

Jan 2, 1946—938 MARKET ST and rear exit thru entrance to 32 Mason St. Frank Gentles as to improvements on property.

Classified Advertising

WANTED

BLDG. CONSTR. SUPT. State experience and references. Reply Box 16 c/o Daily Pacific Builder.
(1/4-7-8-9-10/45)

ARCHITECTURAL DRAFTSMAN wanted. Experienced. Conrich, 593 Market St., Room 226. SU. 6315 or SK. 8875. to Jan. 15, 1946

ARCHITECT wants HIGH School Graduate. Excellent opportunity to learn Architecture. State qualifications and salary expected. Reply Box 13, c/o Daily Pacific Builder.
(Jan. 3, 4, 5, 1946)

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CALIFOR
LIB

PLANS and Speculations

OAKLAND: The final Work Pile committee report submitted by Chairman R. H. Biggs to President P. D. Richardson of the Oakland Chamber of Commerce and general chairman of the Oakland Postwar Planning committee, highlights a busines expansion total of $231,635,400.

Individual firms, manufacturing and business establishments of Oakland announce postwar construction of 135 new industrial and commercial buildings, Biggs reports. Other features in the final work pile committee **report are:**

1. City and Alameda County public improvement projects, exclusive of federal and state appropriations, $75,000,000.

2. Private business will expand $156,635,400 in Oakland.

a. Construction of 100 modern apartment buildings, $16,000,000.

b. 85 new industrial plant buildings to cost an estimated $11,643,300.

c. 50 new retail store buildings, $9,697,600.

d. 10 new theaters, 13 new churches and construction of a major hotel, $9,107,000.

e. Construction of 12,800 homes costing $77,200,000 (P. G. and E. survey estimate).

f. Transportation, communications and public utility improvements totaling $26,587,500.

g. Remodeling, exclusive of construction work, $6,400,000.

Oakland's work pile tabulation and its postwar planning program is one of the brightest in the nation and scores of business and industrial firms of all classifications are awaiting word from government and military authorities to launch its $231,645,400 remodeling, expansion, modernization and construction program, Biggs said.

oOo

The City of FRESNO and the larger Fresno School District, which includes most of the suburbs, are planning a $10,000,000 building program. The City's share of the projects involves expenditures which last were estimated at $6,000,000 and include a modern sewage disposal plant, major street improvements, and annex to the new Fresno City Hall, at least two new fire houses, general replacement of mobile and other equipment and possibly a veterans memorial building and theater. In addition, the city will join with the state and federal governments in the Southern Highway grade separation, also known as the Monterey Street Overpass; enlargement of the Fresno Street Subway; widening of Blackstone Avenue; improvement of Olive Avenue; the eventual limited access highway through West Fresno and improvements of various other major and secondary highway routes through the city.

oOo

$72,577,000 In Eastern States Home Contracts

F. W. Dodge Corporation reported today that contracts were awarded in November for 10,953 new dwelling units to cost $72,577,000 in the 37 states east of the Rocky Mountains. This was the largest number of new units to figure in contracts awarded in a single month since December 1943, and the largest monthly dollar volume for such construction since June 1942, a spokesman for the corporation said.

While contracts in both December 1943 and June 1942 involved a considerable amount of public housing, only 1 per cent of November's total fell into that category. The November dollar volume of privately owned residential building exceeds that for any month since April 1942, the corporation reported.

Contracts were awarded in November in the eastern states for 15,481 new construction projects of all kinds involving an expenditure of $370,087,000. Of this total $207,671,000 was for non-residential building, principally structures to be used for manufacturing purposes. November construction advanced 17 per cent above October's total and was 124 per cent higher than in November 1944, the corporation reported.

Dollar volume of all construction contracts in the 37 eastern states during the first 11 months of this year totaled $2,968,618,000 compared to $1,805,535,000 in the corresponding period of last year.

V

UNEMPLOYMENT INSURANCE

Unemployment insurance after January 5, 1946, will be mandatory on all employers of one or more individuals. The tax is 2.7% of the employer's payroll and 1% of the employee's salary.

Under the State Unemployment Insurance Act, with minor exceptions, all employers and employees who are subject to the Federal Payroll Tax for old age and survivors insurance will be covered.

V

Science is very resourceful. It couldn't open a Pullman window so it air-conditioned the train.

Jos. L. Turner Appointed To Steel Co. Post

The appointment of Joseph L. Turner to the position of Director of Industrial Relations of Columbia Steel Co., a U. S. Steel Corporation subsidiary, was announced Friday by William A. Ross, President. Turner, who has been in the steel business since 1928, succeeds Henry T. Lintott, resigned.

Turner started his career with Lukens Steel Company in Coatsville, Pa. After eight years with this firm, he joined Wheeling Steel Corporation as Assistant to General Manager of the Portsmouth, Ohio, Works. Four years later he was promoted Chief Industrial Engineer at Wheeling, W. Va., which position he held until his new post with Columbia Steel Company.

V

Termite Company Appoints Arizona Licensee

J. Wilfred Gunn, President of the Hollywood Termite Control Company, Los Angeles, has just anounced the appointment of P. L. Daily, head of the Tucson roofing firm bearing his name, as Arizona licensee of the Termitrol Patent to service architects, builders, investment companies and home owners in that state. The Termitrol Patent is the invention of civil engineer Gun and is based on the "blockade system" of termite prevention—through the strategic placement of pressure treated lumber (repellent to termites and dry rot infestation) throughout the building structure. Applicable only to new building construction, the Patent has met with immediate acceptance by architects, contractors, and executives of the leading lending institutions, and has already been incorporated in several major housing projects in California as well as in many private homes.

Plans are now being made for the appointment of licensees on a nation-wide scale, beginnig with those states which suffer the largest proportion of the $300,000,000 annual damage caused by termite and dry rot infestation. Detailed information covering the Termitrol Patent is available to architects. construction firms and lending institutions upon request from the Hollywood Termite Control Company at 2903 Beverly Blvd., Los Angeles 4, or P. L. Daily Roofing Co., Box 1150, Tucson, Arizona.

V

ARCHITECTURAL CLUB MEETING

The San Francisco Architectural Club, 666 Mission Street, will hold its regular meeting Wednesday, January 9, at 8:30 p. m.

Installation of officers will take place at this meeting and members are requested to gather at the Club about 6:00 p. m., when it will be decided where to dine.

Architect's Role in Speeding Re-employment Emphasized in Address by Kenneth Stowell

The following radio message, which emphasizes the important role architects play in speeding re-employment, was recently delivered by Kenneth K. Stowell from the Editors of Architectural Record to the American Public over 200 stations of Mutual Broadcasting Company Network and further broadcast by transcription:

If you wonder why the building industry is bound to play a major role both in providing employment and in ushering in an era of prosperity, just stop for a minute to consider these few simple facts:

First, we need buildings for everything we do. Houses to live in, schools to learn in, factories to work in.

Second, we have not been building during the war, except for war purposes. We should have been building half a million houses every year during the past four years, so we are short at least two million homes, to say nothing of all other types of buildings; and the old buildings are becoming obsolete and must be remodeled, repaired or replaced.

We should construct an average of 800,000 homes every year for the next ten years. Think what this means in terms of jobs. Masons, carpenters, plumbers, electricians, painters, will have all and more than they can do. But beyond that the building industry reaches back through hundreds of factories to the forests that produce the lumber, the mines that produce the metals, the chemical plants that produce the plastics. So for every man working on the construction job, there are six or seven men involved in producing the materials and equipment that make up the house, the school, the hospital, the store, the airport, and all the rest.

Building means jobs, thousand of jobs, but the workmen need blueprints before they can begin to work.

Architects are working day and night, producing the necessary plans and specifications. More draftsmen are needed this minute in the architects' offices to turn out the blueprints so that other men can start to work in the field. The architects are designing exciting new buildings, up-to-date, efficient, economical, as convenient as they are thrilling to look at.

Third, these buildings can be started soon. The government is now releasing all limitations on the production of building products and equipment. Factories are speeding up to provide the doors and windows, bathtubs, heating plants, and lighting fixtures necessary for the building the architects are plannig. Contractors are figuring costs, searching the market for building materials, assembling their construction crews. They need more men, trained men in all the building trades.

A deciding factor in the amount of building that will be done is the answer to this one question, "Where can we get enough efficient, trained men to construct the buildings now being planned?"

So there will be jobs galore, more jobs than men to fill them, in the building industry in the next five years, and behind them are the thousands of jobs in the factories producing building materials. The construction industry is set to provide you with the new homes and hospitals, schools and stores—every kind of building you need. And building means jobs.

Setting New Standards

To some a standard is something fixed, established, permanent, to be adhered to, used as is, or copied. To others, a standard is a starting place, a spring-board, a point of departure. To those holding the latter concept the standard is subject to change, improvement, development. A little research into the history of standards bears them out. So our plea, and our purpose and program are for ever-improving standards. Only by changing standards can architecture, or any other art or science develop for the better service of mankind.

New standards are constantly being established in every field by the evolutionary process of improving on what has gone before, eliminating that which no longer serves its purpose well, replacing it with that which functions better. Cases in point are the new research buildings which industry and educational institutions are establishing, not only in this country, but throughout the world. And government itself is preparing to launch an unprecedented program of research. The country's leading scientists are, at the moment this is written, giving their testimony in regard to research and the program for carrying it on. All these are dedicated to the raising of standards, at an increasing tempo.

In the research laboratories themselves we find new standards of planning, space-use, flexibility, adaptability — of facilities, equipment, materials and processes. And in them will be developed new standards of transportation, communication, education, and health —to mention but a few fields of endeavor. Public consciousness of the results of research is aroused by the flood of stories about the atomic bomb development. The public is ready for researchers to continue to produce the impossible.

Every architect's office is of necessity a research laboratory devoted to raising the standards of our envoronment. Every architectural publication is a reporter of newly-evolved standards — standards to be raised, to be improved upon in the next building to be developed on the architect's boards. "Research" is inventiveness and ingenuity applied to present standards, not "searching back" (as the word may seem to imply) to find a standard merely to be copied.

Even the standards established by law in building codes must change. Standards of performance must be substituted for the static standards which dictate obsolete means instead of desired ends. These are being changed; the research of all factors in the industry makes it inevitable—architects, engineers, manufacturers, builders are setting the new standards that eventually, and soon, will be reflected in the codes of the country. Standards are made to be superseded by superior standards. Recognition of that fact means real progress — in architecture as in every other field of human activity.

GROOVER AND I

LOLLYGAGGING

Many times I have sounded off, then been sorry I didn't keep my big blabber mouth shut, or signed something only to regret I ever learned to write.

★ ★ ★

I know how the two Navy Medical Corps Captains of the U. S. Naval Hospital in St. Albans must feel after the publicity given their Anti-Lovemaking Order.

★ ★ ★

"High Brass" objects to the constant embracing of Waves, handholding, kissing and other forms of lovemaking being conducted in "passageways, phone booths and corners" by hospital personnel.

★ ★ ★

The order strictly prohibits many forms of "lovemaking and lollygagging".

★ ★ ★

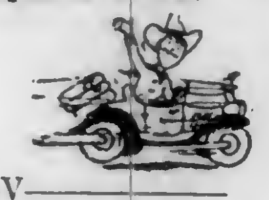
You will not find "lollygagging" in the smaller dictionaries; however, it is directly related to the well known biologic urge which has enjoyed high popularity ever since Eve started experimenting with apple fritters.

★ ★ ★

Western Electric and Telephone employees are taking strike action. They might include a demand for "bigger and better phone booths".

★ ★ ★

If there is any spot more uncomfortable for lovemaking than the back seat of a model T Ford, I imagine it is a telephone booth.



V

It Could Have Been Serious

One of the boys in the shop, who had a bottle of Scotch on his hip, slipped and fell on the icy pavement. On rising, he felt something wet running down his leg.

"I hope it's blood!" he said.

HOME SHOW PLANNED FOR JULY 12 TO 21

The 1st Annual Construction Industries Exposition & Home Show has been planned for July 12 to the 21 of this year.

The event will be held in the Pan-Pacific Auditorium in Los Angeles.

Sponsored by industrial and home construction industries and the Los Angeles Chamber of Commerce the success of the Exposition is assured.

Sponsoring organizations are as follows: Associated General Contractors, of America, Southern California Chapter; Building Contractors Association of California, Inc.; Los Angeles Chamber of Commerce, Construction Industries Committee; Contracting Plasterers and Lathers Association of Southern California; Heating, Piping & Air Conditioning Contractors Association;

Mason Contractors Exchange of Southern California; Merchant Plumbers Association of Los Angeles; National Association of Home Builders of the United States, Builder - Developer Chapter; Los Angeles Chapter, National Electrical Contractors Association; Painting and Decorating Contractors Association; Refrigeration Contractors Assn., Inc.; Sheet Metal Contractors Assn. of Southern California.

Exhibits of every type of materoals, products and facilities for the business man, the home owner and the construction engineer will be presented.

V

NEW APPOINTMENTS

Meyers Safety Switch Co., Inc. electrical manufacturers, 419 - 423 Tehama Street, San Francisco, announce the appointment of Ralph G. Dabadie as Manager. Dabadie has had wide experience in the electrical field, particularly in panel board, switchboard, electrical sheet metal products and switch equipment.

Also appointed to the organization was Jack Tiscornia, experienced in marine and industrial construction.

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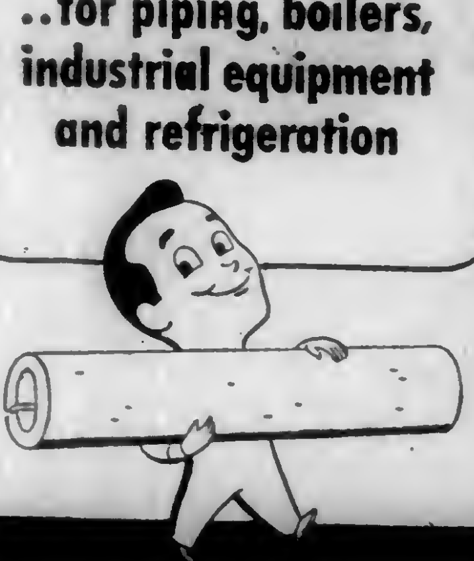

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ADVANCE CONSTRUCTION REPORTS

DAILY PACIFIC BUILDER
(Established 1890)
Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Theaters 17
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Miscellaneous Construction 19
Misc. Supplies and Materials 20

1— APARTMENTS

January 7, 1946
PLANNED
LOS ANGELES, Calif.—Aetna Construction Co., 631 Witmer St., Los Angeles, will build two 24-room frame and stucco apartment-hotel buildings at 627 and 631 S. Witmer St., Los Angeles, for self; each 43x126 feet in area; cost, $100,000. 1

January 7, 1946
BIDS WANTED
APARTMENT BUILDING
OAKLAND, Alameda County, Calif. Kunhle and Mountain Blvd.
Construction of two-story frame and stucco apartment building to contain four apts.; steel sash, wood shingle roof, independent gas fired war air heating, etc.
Owner—Mr. Danforth, c/o Architects
Architects—J. Francis Word and J. S. Bolles, 369 Pine St., San Francisco.

No definite bid opening date has been set. * * 1

3— CHURCHES

January 7, 1946
PLANNED
SAN BERNARDINO, Calif.—Architect Douglas McLellan, Architects' Bldg., 816 W. 5th St., Los Angeles, has prepared preliminary plans for the construction of a church building at the northwest corner of 10th and G Sts., San Bernardino, for the First Baptist Church of San Bernardino, 4th and G Sts., San Bernardino. The building will include a sanctuary seating 900 persons, a chapel seating 120 and a special hall which can also be used for dining. The cost is estimated at $150,000. 3

January 7, 1946
PLANNED
CHURCH BUILDING Cost, $100,000
BERKELEY, Alameda County, Calif. Durant Ave. west of Shattuck Ave.
Construction of church building with seating capacity of 500 to 700 persons.
Owner—St. Paul's United Presbyterian Church, Dr. Francis Shunk Downs, pastor, Berkeley.
Architect—Not announced. 3

4— FACTORIES AND WAREHOUSES

January 7, 1946
PLANNED
LOCKER PLANT
ROSEVILLE, Placer Co., Atlantic and Eggleston Streets.
Construction of locker plant, main building 60x70-ft., 1100 lockers with separate building for smoking and processing.
Owners—Roseville Frozen Food Bank C. J. Hadley, W. A. Myers and A. F. Newell, c/o Placer Market, 112 Main St., Roseville.
Architect—Not Announced. * * 4

January 7, 1946
CONTRACT AWARDED
LOS ANGELES, Calif.—Robert E. Millsap, 437 S. Hill St., Los Angeles, awarded a contract for the construction of a six-story reinforced concrete factory building at 528 E. 8th St., Los Angeles, for Ross & Co., 429 N. Beverly Dr., Beverly Hills; 76x100 feet in area; cost, $200,000. Plans were prepared by Stiles Clements Associated, architects and engineers, 1135 Van Nuys Bldg., Los Angeles. 4

January 7, 1946
CONTRACT AWARDED
VERNON, Los Angeles Co., Calif.—J. O. Oltmans & Son, 810 E. 18th St., Los Angeles, awarded a contract for the construction of a 1- and part 2-story factory and office building at 50th and Soto Sts., Vernon, for Morris Rosenberg; 126x250 feet in area; reinforced concrete construction. Plans were prepared by Stiles Clements Associated, architects and engineers, 1135 Van Nuys Bldg., Los Angeles. 4

January 7, 1946
PLANNED
WILMINGTON, Los Angeles Co., Calif.—The Drake Craft Boat Building Co., T. R. Drake, manager, 162 Glendora Ave., Long Beach, will erect a showroom and plant for the manufacture of commercial and pleasure boats at Avalon Blvd. and 223rd St., Wilmington, for selves; estimated cost, $100,000. The owners plan to start construction shortly after the first of the year. 4

January 7, 1946
PLANNED
MACHINE SHOP
OAKLAND, Alameda County, Calif. Chapman and Peterson Streets.
Construction of general machine shop.
Owner—R. F. Kroninberg, 882 Prospect Ave., Oakland.
Architect—Not Announced. * * 4

January 7, 1946
PLANNED
LOS ANGELES, Calif.—J. O. Oltmans & Son, 810 E. 18th St., Los Angeles, will build a factory building, 120x200 feet, at 1919 McGarry St., Los Angeles, for Standard Cabinet Works, Inc.; reinforced concrete and brick construction; cost $60,000. Plans were prepared by M. J. Gabrielsen, structural engineer, 6362 Hollywood Blvd. 4

January 7, 1946
PLANNED
BAKERSFIELD, Kern Co., Calif.—Architect Robert V. Derrah, 9470 Santa Monica Blvd., Beverly Hills, has prepared preliminary plans for a milk processing plant to be built at Bakersfield for the Carnation Co. It will cover an area 125x150 ft.; cement block wall construction, steel trusses, cement floor, steel sash, composition roofing, tile flooring, interior plaster, refrigerator room, cork insulation. 4

January 7, 1946
TO ASK BIDS
CANDY FACTORY
SAN FRANCISCO. Ocean Ave. bet. 19th Ave. and Juniper.
Construction of two-story and basement reinf. concrete candy factory (50x80-ft.)
Owner—Douglas Shaw.
Architect—Arthur D. Janssen, Austin Ave. and Patricia Dr., Atherton.

Bids will be asked within a few days. * * * 4

January 7, 1946
CONTRACT AWARDED
SOUTH PASADENA, Los Angeles Co., Calif.—C. L. Peck, 354 S. Spring St., Los Angeles, will build a 3-story, reinforced concrete office and factory building at 820 Mission Rd., South Pasadena, for the National Technical Laboratories, same address; 100x120 ft. in area; cost $160,000. Plans were prepared by Architect Dan A. Elliott, 306 W. 3rd St., Los Angeles. 4

January 7, 1946
OWNER TAKING BIDS
FALLBROOK, San Diego Co., Calif.—Fallbrook Citrus Association, Fallbrook, San Diego County, is taking bids (to be opened January 11, 2 P. M.), for the construction of a 2-story and basement reinforced concrete lemon storage warehouse at Fallbrook for selves; 75x124 feet in area, concrete floors. Plans were prepared by Maurice Sacco, engineer, 124 W. 4th St., Los Angeles. * 4

January 7, 1946
CONTRACT AWARDED
INDUSTRIAL PLANT
Contract Price, $252,553
RICHMOND, Contra Costa County, Calif. Northwest corner Road 20 and Road 21.
Construction of class B industrial plant (250x120 ft.), and small office building and washroom building.
Owner—Niagara Sprayer & Chemical Co., subsidiary of Food Machinery Corp., 217 W. Julian St., San Jose.
Consulting Engineers—Reecom Company, Buffalo, N. Y.
Supervising Engineers — Ellison & King, 500 Sansome St., San Francisco.
Contractor — Swinerton & Walberg Co., 225 Bush St., San Francisco. * 4

PLANNED
WAREHOUSE Cost, $400,000
EMERYVILLE, Alameda Co., Calif. 64th and Green Streets.
Construction of new warehouse bldg. on site of 300,000 sq. ft.
Owner—Breuner's, Richard W. Breuner, Mgr., 21st and Broadway, Oakland.
Architect—Not Announced. * * 4

January 7, 1946
CONTRACT AWARDED
TANK BLDG. Approx. Cost, $230.000
SAN FRANCISCO. Newhall and Carroll Streets.
Construction of three-story concrete stock cellar filled with glass-lined tanks.
Owner—General Brewing Corp, 2601 Newhall Streets.
Architects—Meyer & Evers, 1201 Kohl Bldg., California and Montgomery Streets.
Contractor—Cahill Brothers, Inc., 206 Sansome Street.
Glass Tanks—A O Smith Co., Detroit, Mich. * * 4

PLANNED
PLANT Cost, $300,000
TRACY, San Joaquin County, Calif. On Western Pacific siding near Kerlinger Station.
Construction of new plant.
Owner — Pacific Coast Aggregates, Inc., E. J. Goodpaster, vice-president, 85 2nd St., San Francisco.
Architect—Not announced. 4

January 7, 1946
PLANNED
PLANT Cost, $80,000
LINDSAY, Tulare County, Calif. W. Tulare Rd. and Bluegum Ave.
Construction of olive pumice and vegetable oil processing plant.
Owners—Ralph and Elmer Padula, Lindsay.
Architect—Not announced . 4

January 7, 1946
PREPARING PRELIMINARY PLANS
WAREHOUSE
LINDSAY, Tulare County. Calif.
Construction of warehouse building to cover an area of [illegible] 000 sq. ft. of "Lati-Steel" construction.
Owner—Lindsay Ripe Olive Co., Lindsay.
Architect — George V. Russel, 3275 Wilshire Blvd., Los Angeles. 4

January 7, 1946
PLANNED
FACTORY ADDITION
Approximate Cost, $19,000
EMERYVILLE, Alameda Co., Calif. 67th and Bay Sts.
Construction of addition to factory building.
Owner and Builder—T. W. Corder, Inc., 67th and Bay Sts., Emeryville.

Immediate construction is planned. * 4

January 7, 1946
TO START CONSTRUCTION
FROZEN FOOD PLANT Cost $40,000
PORTERVILLE, Tulare Co., Calif. Corner Walnut and S. Main Sts.
Construction of reinforced concrete frozen food locker plant to be known as Country Life Frozen Foods.
Owner and Builder—A. R. Elmore, Porterville.
Plans by owner. 4

7—FEDERAL BUILDINGS

January 7, 1946
BIDS WANTED
SAN FRANCISCO.—Until January 31, 11 A. M., bids will be received by the Public Works Office, Room 2110, Administration Bldg., San Francisco Naval Shipyard, San Francisco 24, under NOy 13354, Spec. 17514, for conversion of building No. 401 to public works shop at San Francisco Naval Shipyard, San Francisco.

The work involves construction and alteration of a two-story frame building which shall be used for an industrial show and which includes carpentry, floor coverings, plastering, steel work, magnesite flooring, the moving of an existing structure and paving.

Specifications obtainable from the officer in charge of construction, Room 2110, Administration Bldg., San Francisco Naval Shipyard, San Francisco, upon deposit of check or postal money order for $20, payable to Chief of Bureau of Yards and Docks. * 7

January 7, 1946
CONTRACT AWARDED
MOJAVE, Kern Co., Calif.—Rockwood Sprinkler Co., 1151 S. Broadway, Los Angeles, at $34,935, awarded contract by the Bureau of Yards and Docks, Washington, D. C., for the installation of fire protection equipment for timber frame hangar, one propeller shop and one paint shop at the Marine Corps Air Station, Mojave; Specification No. 16516. The bids were opened at San Diego November 30. 7

January 7, 1946
CONTRACT AWARDED
OCEANSIDE, San Diego Co., Calif.—Haddock Engineers, Ltd., 129 W. 2nd St., Los Angeles, and P. O. Box 479, Oceanside, at $173,782, awarded contract by the Bureau of Yards and Docks, Washington, D. C., for the construction of facilities for consolidated tracked vehicle battalion, Marine Training Command, San Diego Area, at Camp Joseph H. Pendleton, Oceanside; Specification No. 16965. Completion time, 120 days. The bids were opened at San Diego November 24. 7

January 7, 1946
TO ASK BIDS SHORTLY
MOFFETT FIELD, Santa Clara Co., Calif.—The National Advisory Committee for Aeronautics, Ames Aeronautical Laboratory, Moffett Field, will ask bids shortly for construction of laboratory building for the new supersonic wind tunnel. * 7

January 7, 1946
BIDS OPENED
STOCKTON, San Joaquin Co., Calif.—S. C. Giles & Co., 319 Elks' Bldg., Stockton, at $32,936, submitted low bid December 28, 8 P. M., to the Housing Authority of the County of San Joaquin for the construction of a community building at Stoctkon; Projects Calif. 4065 and Calif. 4756. Plans prepared by Architects E. G. Ernst, 561 E. Harding Way, Stockton, and J. U. Clowdsley, Exchange Bldg., Stockton.

Midstate Construction Co., San Francisco, at $33,915, submitted the only other bid. * 7

10— HOTELS

January 7, 1946
CONTRACTS AWARDED
ALTER HOTEL
OAKLAND, Alameda County, Calif. Leamington Hotel, Franklin and 19th Streets.
Interior and exterior alterations to hotel building.
Owner—Board of Directors, Hotel Leamington, Hal Barson, Mgr.
Plans by The Walter M. Ballard Corporation, Hobart Building, San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco, $102,600.
Bar Equipment — Mangrum-Holbrook & Elkus, 301 Golden Gate Ave., San Francisco. * * 9

14— RESIDENCES

January 7, 1946
PREPARING PRELIMINARY PLANS
RESIDENCES
WEST PITTSBURG, Contra Costa Co., Calif.
Construction of 70 residences near proposed shopping center.
Owner and Builder—Bernard E. Enes, R.F.D. 1, Box 480, Pittsburg.
Architect—Philip D. Tomasello, Room 305, 605 Washington St., San Francisco.

The proposed shopping center, reported elsewhere in this issue of the BUILDER, is located near Ambrose School. * 14

January 7, 1946
CONTRACT AWARDED
CHULA VISTA, San Diego Co., Calif.—H. H. Johnson, 626 Spreckels Theater Bldg., San Diego, awarded a cost-plus contract for the construction of 30 5- and 6-room dwellings, a drive-in restaurant and 100x100 ft. reinforced concrete market building at National Ave. and E St., Chula Vista, for Walter Steel Works; involves utilities, paving, curbs, sidewalks, etc. Plans were prepared by E. L. Freeland, engineer, Spreckels Theater Bldg., San Diego. Contractor desires sub-bids. 14

January 7, 1946
PLANNED
SUBDIVISION Cost, $1,000,000
ATHERTON, San Mateo Co., Calif. El Camino Real between Almendral and Stockbridge.
Construction of residences on one-acre lots.
Owner—Fred Baldocchi, 132 Sutter St., San Francisco.
Architect—Not announced. 14

January 7, 1946
PREPARING WORKING DRAWINGS
STADIUM Approx. Cost, $50,000
SAN FRANCISCO. Golden Gate Pk.
Construction of stadium to seat 1250 persons at Big Rec; steel and wood seating on concrete mat.
Owner—City and County of S. F.
Architects—J. Francis Ward and J. S. Bolles, 369 Pine St. * * 13

January 7, 1946
PREPARING PRELIMINARY PLANS
MEMORIAL BLDG. Cost, $150,000
REDWOOD CITY, San Mateo Co.
Construction of two-story and basement reinf. concrete Veterans' Memorial Bldg.
Owner—American Legion, Post 105, Redwood City.
Architect—Arthur D. Janssen, Austin Ave. and Patricia Dr., Atherton. * * 13

January 7, 1946
PREPARING PRELIMINARY PLANS
YOUTH CENTER Cost, $75,000
MENLO PARK, San Mateo Co., Cal.
Construction of one-story and basement frame, L-shaped youth center (100x40-ft.), including auditorium (38x60-ft.) with stage (17x38-ft.); auxiliary rooms and toilet facilities (20x2-ft.); Boy Scout room (20x30-ft.) Girl Scout room (20x30-ft.) other facilities (35x14-ft.); kitchen (12x20-ft.); storage rooms, etc. (20x30-ft.); basement club rooms (35x60-ft.) and covered terrace.
Owner—City of Menlo Park.
Architect—Arthur D. Janssen, Austin Ave. and Patricia Dr., Atherton. * * 13

15— SCHOOLS

January 7, 1946
ELECTION SCHEDULED
JUNIOR HIGH SCHOOL BLDG.
Cost, $350,000
SAN JOSE, Santa Clara County, Cal. Willow Glen District.
Construction of Willow Glen Junior High School.
Owner—San Jose Board of Education, Ralph R. Fields, Supt. of Schools, Auzerais and Almaden Avenue, San Jose.
Architect—Not Announced.

The San Jose Unified School District will ballot February 19 on a proposal to extend the San Jose Board of Education the privilege of increasing by 50 cents per $100 the State maximum school district tax rate of $1.85 per $100 assessed valuation for a period of five years, thus launching a $3,225,000 "pay-as-you-go" building program. * * 15

January 7, 1946
ELECTION SCHEDULED
JUNIOR HIGH SCHOOL ADDN.
Cost, $80,000
SAN JOSE, Santa Clara County, Cal. Herbert Hoover Jr. High School, Park Ave. and Naglee Ave.
Construction of junior high school addition.
Owner—San Jose Board of Education, Ralph R. Fields, Supt. of Schools, Auzerais and Almaden Avenue, San Jose.
Architect—Not Announced.

The San Jose Unified School District will ballot February 19 on a proposal to extend the San Jose Board of Education the privilege of increasing by 50 cents per $100 the State maximum school district tax rate of $1.85 per $100 assessed valuation for a period of five years, thus launching a $3,225,000 "pay-as-you-go" building program. * * 15

January 7, 1946
CONTRACT AWARDED
SAN FRANCISCO.—Biltwell Construction Co., 4745 Geary Blvd., San Francisco, at $35,777, awarded contract by the Department of Public Works, Room 282 City Hall, for additional frame buildings for Hillcrest School, Job No. 479, Silliman and Cambridge Sts. * 15

January 7, 1946
PROSPECTIVE BIDDERS
PREFABRICATED BUILDING
Cost, $75,000-$80,000
CONCORD, Contra Costa Co., Calif. East Street.
Construction of prefabricated school building on concrete foundation and floor at Williams Elementary School.
Owner—Concord Elementary School District, Willow Pass Rd., Concord.
Architects—Dragon & Schmidts, 2068 Allston Way, Berkeley 4.

Plans and specifications may be obtained from the office of the architects.

As previously reported, bids will be opened January 11, 4:30 P. M.

The following contractors have taken out plans:

Willis F. Lynn, 1040 Folger Ave., Berkeley.
Wm. M. Greuner Jr., 2727 Parker St., Berkeley.
M. J. King, Inc., 231 Franklin St., San Francisco.
Rademann-Giusto, 40 Ringold St., San Francisco.
C. F. Parker, 1644 Monterey Blvd., San Francisco. * 15

January 7, 1946
ADDITIONAL PROSPECTIVE BIDDERS.
SCHOOL BUILDING
HAYWARD, Alameda County, Calif. Hayward Union High School.
Construction of two-story reinforced concrete building with student-body classrooms on first floor and superintendent's offices on second floor.
Owner—Hayward Union High School District, O. B. Paulsen, district superintendent, Foothill Blvd., Hayward.
Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.

Plans and specifications may be obtained from the office of the architects upon deposit of $10.

As previously reported, bids will be opened January 8, 5 P. M.

The following contractors have taken out plans:

H. W. Suttle, 1345 B St., Hayward.
George Petersen & Son, 1841 Bancroft Ave., San Leandro.
M. J. King, Inc., 231 Franklin St., San Francisco.
Close & Lewis, 721 C St., Hayward.
Arthur Holyoake, 2839 East Ave., Hayward.
Empire Construction Co., 344 Harriet St., San Francisco.
William M. Greuner Jr., 2727 Parker St., Berkeley.
Chester A. Gossett, 10327 California St., Hayward.
Rademann-Giusto, 40 Ringold St., San Francisco.
John M. Bartlett, 1706 Parker St., Berkeley.
E. S. McKittrick, 610 16th St., Oakland. * 15

January 7, 1946
CONTRACT AWARDED
SAN FRANCISCO—Robt. F. Smith Co., 61 Clementina Street, at $237 awarded contract by the Department of Public Works, Room 282, City Hall, for reroofing bungalow and shed at Fremont School. 15

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Edgemont School Addn., San Bruno; Bids open January 11, 8 P. M.
Richard Delucchi & Co., 420 San Mateo Ave., San Bruno (San Bruno 974)
Carrico & Gautier, 345 Ocean Ave., San Francisco (JUniper 4-8061).
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
R. A. Cullen, 478 Jackson Street San Francisco (SUtter 1951).
Midstate Constr. Co., 1297 Bush St., San Francisco (ORdway 4638).

Alter Bldg., Grant Ave. and Maiden Lane, S. F.; Bids open Jan. 11, 3 P. M.
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616).
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
G. P. W. Jensen & Sons, Inc., 320 Market St., S. F. (GArfield 2444).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
H. H. Larsen Co., 64 South Park San Francisco (EXbrook 3190, 3191)

Alter Hotel Drake Wilshire, San Francisco; Bids open Jan. 11, 2:00 P. M.
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).

Beechnut Packing Co., San Jose; Bids open about January 8.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Carl N. Swenson Co., 355 Stockton Ave., San Jose 4 (BAllard 2602).
A. Farnell Blair, 9 Main Street, San Francisco (YUkon 0390).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624).
Earl W. Heple, 494 Delmas Ave., San Jose (BAllard 7237).
Empire Constr. Co., Ltd., 344 Harriet St., S. F. (HEmlock 3400).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).

Alter Admin. Bldg., Golden Gate Bridge; Bids open January 11.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Midstate Constr. Co., 1297 Bush St., San Francisco (ORdway 4638).
Adam Arras & Son, 116 New Montgomery St., S. F. (GArfield 8381).
Empire Constr. Co., Ltd., 344 Harriet St., S. F. (HEmlock 3400).
H. H. Larsen Co., 64 South Park, San Francisco (EXbrook 3190, 3191)

Hayward Union High School Addn., Hayward; Bids open January 8, 5 P. M.
Close & Lewis, 721 "C" Street, Hayward (Hayward 270).
Wm. M. Greuner, Jr., 2727 Parker St., Berkeley (BErkeley 2877)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Rademann-Giusto, 40 Ringold Street San Francisco (MArket 8151).
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).

Tamalpais Motor Sales Bldg., Mill Valley; Bids open Jan. 14, 4 P. M.
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).

Prefabricated School Bldg., Williams Sch., Concord; Bids open Jan. 11, 4:30
Wm. M. Greuner, Jr., 2727 Parker St., Berkeley (BErkeley 2877)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Willis F. Lynn, 1040 Folger Ave., Berkeley (BErkeley 6044).

Bldgs., Services, Reserve Fleet Berthing, Mare Island; NOy 13295; Spec. 17459; Bids open January 14, 11 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).

Ward Bldgs., Stockton State Hosp., Stockton; Bids open Jan. 29, 2:00 P. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).

Market and Store Bldg., Mill Valley; Bids open January 14, 4 P. M.
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).

Peninsula Ave. Overcrossing, San Mateo; Bids close Jan. 16, 2 P. M.
M. & K. Corp., 200 Financial Center Bldg., S. F. (Ebrook 7624).

CONTRACTORS . . .
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ADVANCE CONSTRUCTION REPORTS

January 7, 1946

ELECTION SCHEDULED

TECHNICAL HIGH SCHOOL

Cost, $300,000

SAN JOSE, Santa Clara County, Cal.

Construction of new technical high school to accommodate 400 to 500 students to replace present technical high school to be taken over by the State College.

Owner—San Jose Board of Education, Ralph R. Fields, Supt. of Schools, Auzerais and Almaden Avenue, San Jose.

Architect—Not Announced.

The San Jose Unified School District will ballot February 19 on a proposal to extend the San Jose Board of Education the privilege of increasing by 50 cents per $100 the State maximum school district tax rate of $1.85 per $100 assessed valuation for a period of five years, thus launching a $3,225,000 "pay as-you-go" building program. • • 15

January 7, 1946

ELECTION SCHEDULED

ADULT CENTER, ETC

Cost, $155,000

SAN JOSE, Santa Clara County, Cal.

Construction of Adult Center and warehouse.

Owner—San Jose Board of Education, Ralph R. Fields, Supt. of Schools, Auzerais and Almaden Avenue, San Jose.

Architect—Not Announced.

The San Jose Unified School District will ballot February 19 on a proposal to extend the San Jose Board of Education the privilege of increasing by 50 cents per $100 the State maximum school district tax rate of $1.85 per $100 assessed valuation for a period of five years, thus launching a $3,225,000 "pay as-you-go" building program. • • 15

January 7, 1946

BONDS DEFEATED

LOS ANGELES, Calif.—Voters of the Garden Grove Union High School District rejected a $250,000 bond issue held at a special election December 18 to finance the construction of additions to the high school. H. L. Gogerty Organization, 3123 W. 8th St., Los Angeles, are the architects and engineers for the district. 15

January 7, 1946

PLANNED

SANTA MONICA, Los Angeles Co., Calif.—William Wyatt, 728 20th St., Santa Monica, will build a restaurant building, 60x108 feet in area, at the southeast corner of Wilshire Blvd. and 22nd St., Santa Monica, for H. A. Klabunde; cost, $95,000. 16

January 7, 1946

PLANNED

VAN NUYS, Los Angeles Co., Calif. —William C. Atwater, 12345 Magnolia Blvd., Van Nuys District, will build a two-story frame and stucco medical and store building at 17001-05 Ventura Blvd. and 4909-11 Genesta Ave., Van Nuys District, for Dr. G. Stanley Gordan, et ux; 125x60 feet in area; cost, $75,000. John E. Mackel, engineer, 232 N. Main St., Los Angeles. 16

January 7, 1946

COMPLETING PLANS

MONTEBELLO, Los Angeles Co., Calif. — Architect Gene Verge, 3714 Fletcher Dr., Los Angeles, is completing plans for the construction of a 3-story addition to a school in Montebello for the St. John Bosco School for Boys. It will cover an area 100x50 feet and will contain study rooms, classrooms and dormitory rooms; reinforced concrete construction. 15

January 7, 1946

BOND ELECTION

SCHOOL ADDITION Cost, $200,000

FAIR OAKS, Sacramento Co., Calif.

Construction of school addition, including additional classrooms, music department, cafeteria, shops, etc.

Owner—San Juan Union High School District, Fair Oaks.

Architect—Not announced.

District will vote February 1 on a proposal to issue bonds in the amount of $200,000 to finance construction. • 15

January 7, 1946

TO PREPARE PLANS

NORTH HOLLYWOOD, Los Angeles Co., Calif.—Architect Paul R. Hunter, 9th and Hill Bldg., Los Angeles, has been appointed by the Los Angeles Board of Education, 1425 S. San Pedro St., Los Angeles, to prepare plans for the construction of a new classroom addition at the Victory Boulevard Elementary School, 6315 Radford St., North Hollywood, at a cost of approx. $125,000. 15

January 7, 1946

ELECTION SCHEDULED

SCHOOL ADDN. Cost, $80,000

SAN JOSE, Santa Clara County, Cal. Willow Glen Elementary School, Lincoln Ave. and Minnesota Ave.

Construction of elementary school addition.

Owner—San Jose Board of Education, Ralph R. Fields, Supt. of Schools, Auzerais and Almaden Avenue, San Jose.

Architect—Not Announced.

The San Jose Unified School District will ballot February 19 on a proposal to extend the San Jose Board of Education the privilege of increasing by 50 cents per $100 the State maximum school district tax rate of $1.85 per $100 assessed valuation for a period of five years, thus launching a $3,225,000 "pay-as-you-go" building program. • • 15

January 7, 1946

ELECTION SCHEDULED

SCHOOL ADDN. Cost, $60,000

SAN JOSE, Santa Clara County, Cal. Lincoln Glen Elementary School, 2175 Lincoln Avenue.

Construction of elementary school addition.

Owner—San Jose Board of Education, Ralph R. Fields, Supt. of Schools, Auzerais and Almaden Avenue, San Jose.

Architect—Not Announced.

The San Jose Unified School District will ballot February 19 on a proposal to extend the San Jose Board of Education the privilege of increasing by 50 cents per $100 the State maximum school district tax rate of $1.85 per $100 assessed valuation for a period of five years, thus launching a $3,225,000 "pay-as-you-go" building program. • • 15

January 7, 1946

ELECTION SCHEDULED

SENIOR HIGH SCHOOL

Cost, $450,000

SAN JOSE, Santa Clara County, Cal. Willow Glen Senior High School.

Construction of senior high school building.

Owner—San Jose Board of Education, Ralph R. Fields, Supt. of Schools, Auzerais and Almaden Avenue, San Jose.

Architect—Not Announced.

The San Jose Unified School District will ballot February 19 on a proposal to extend the San Jose Board of Education the privilege of increasing by 50 cents per $100 the State maximum school district tax rate of $1.85 per $100 assessed valuation for a period of five years, thus launching a $3,225,000 "pay-as-you-go" building program. • • 15

January 7, 1946

ELECTION SCHEDULED

SENIOR HIGH SCHOOL

Cost, $1,300,000

SAN JOSE, Santa Clara County, Cal.

Construction of a new senior high school to accommodate 1800 to 2000 students to replace present senior high school to be taken over by the State College.

Owner—San Jose Board of Education, Ralph R. Fields, Supt. of Schools, Auzerais and Almaden Avenue, San Jose.

Architect—Not Announced.

The San Jose Unified School District will ballot February 19 on a proposal to extend the San Jose Board of Education the privilege of increasing by 50 cents per $100 the State maximum school district tax rate of $1.85 per $100 assessed valuation for a period of five years, thus launching a $3,225,000 "pay-as-you-go" building program. • • 15

January 7, 1946

ELECTION SCHEDULED

HIGH SCHOOL ADDITION

Cost, $450,000

SAN JOSE, Santa Clara County, Cal. Abraham Lincoln High School, Dana Avenue.

Construction of an addition to high school.

Owner—San Jose Board of Education, Ralph R. Fields, Supt. of Schools, Auzerais and Almaden Avenue, San Jose.

Architect—Not Announced.

The San Jose Unified School District will ballot February 19 on a proposal to extend the San Jose Board of Education the privilege of increasing by 50 cents per $100 the State maximum school district tax rate of $1.85 per $100 assessed valuation for a period of five years, thus launching a $3,225,000 "pay-as-you-go" building program. • • 15

16— BANKS, STORES AND OFFICES

January 7, 1946

WORK STARTED

REMODEL BUILDING

Approximate Cost, $200,000

SACRAMENTO, Sacramento County, Calif. 923-927 K St. at 10th St.

Exterior and interior remodeling of Cronan Building to accommodate women's apparel shop occupying a frontage of 100x100 ft.

Owner—Joseph Magnin Co., Stockton and O'Farrell Sts., San Francisco.

Architect—Harry J. Devine, Cronan Bldg., Sacramento.

Contractor — Swinerton & Walberg Co., 225 Bush St., San Francisco. • 16

January 7, 1946

CONSTRUCTION STARTED

SALESROOM, ETC.

Contract Price, $26,850

STOCKTON, San Joaquin Co., Calif.

Construction of salesroom and showroom.

Owner—W. P. Fuller & Co., 218 S. Auburn St., Stockton.

Architects—J. U. Clowdsley, 39 Exchange Bldg.; E. G. Ernst, 561 E. Harding Way, and Mayo & Johnson, 307 Exchange Bldg., Stockton.

Contractor — Moore Bros., 1130 San Juan, Stockton. • 16

January 7, 1946

PLANNED

WHOLESALE BUILDING

OAKLAND, Alameda County, Calif. Madison St. between 4th and 5th.

Construction of new building on a site of approx. 15,000 sq. ft.

Owner—Richard C. Lucas, 356 Fourth Street, Oakland.

Architect—Not Announced. 16

January 7, 1946

PLANNED

REMODEL BLDG. Cost, $300,000

OAKLAND, Alameda County, Calif. 21st and Broadway.

Remodel present 8-story building to add 50,000 sq. ft. of sales space.

Owner—Breuner's, Richard W. Breuner, Mgr., 21st and Broadway, Oakland.

Architect—Not Announced. • • 16

January 7, 1946

PLANNED

PARK PLAY CENTER Cost $153,000

NEAR REDDING, Shasta Co., Calif. Bridge Bay on Shasta Lake near Pit River Bridge.

Construction of a recreational center including floating boat docks and marine fueling station, $45,000; cafe, cocktail lounge, picnic supply counter, curio stand, marine stores display room in one structure, $80,000; marine repair shop, marine railway and automatic fueling station, $38,000.

Owner—National Park Service in cooperation with the U. S. Bureau of Reclamation, Geo. L. Collins, Recreational Supervisor, Redding

Architect—Not Announced. • • 16

January 7, 1946

PLANNED

MARKET Cost, $100,000

PALO ALTO, Santa Clara Co., Calif. Bryant and Florence Sts. bet. University and Lytton Avenues.

Construction of new market building.

Owner—Safeway Stores, Inc., Fourth and Jackson Sts., Oakland.

Architect—Not Announced. • • 16

January 7, 1946

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Calif. First and San Carlos Streets.

Preparation for installation of esculator in building.

Owner—Hale Brothers, Inc., First and San Carlos Sts., San Jose.

Architect—Wm. G. Merchant, 57 Post Street, San Francisco.

Contractor — MacDonald, Young and Nelson, 137 Montgomery St., San Francisco. • • 16

January 7, 1946

COMPLETING PLANS

OFFICE BUILDING

SAN FRANCISCO. Battery, California and Halleck Streets.

Construction of five stories of an eventual nine-story office bldg., approx. 124 ft. sq. and facing on three streets.

Owner—John Cahill, 206 Sansome St.

Architects—Meyer & Evers, 1201 Kohl Bldg., cor. California and Montgomery Streets.

Contractor—Cahill Brothers, 206 Sansome Street. • • 16

January 7, 1946

PLANNED

OFFICE BUILDING Cost, $60,000

BERKELEY, Alameda County, Calif. Ellsworth and Dana Sts.

Construction of two-story stucco building with ten professional suites.

Owner—Dr. S. H. Babington, 2301 Ward, Berkeley.

Architect—Not announced. 16

January 7, 1946

PLANNED

REMODEL OFFICE BUILDING.

BERKELEY, Alameda County, Calif. 2436 Durant Ave.

Remodeling of building for three offices.

Owner — Mrs. Henrietta T. Austin, Berkeley.

Architect—Not announced. 16

January 7, 1946

PLANNED

REMODEL BUILDING

BERKELEY, Alameda County, Calif. 2298 Durant Ave.

Remodeling of structure for four offices.

Owner—Dr. Grant Ellis, 2300 Durant, Berkeley.

Architect—Not announced. 16

January 7, 1946

PLANNED

REMODEL BUILDING

BERKELEY, Alameda County, Calif. 2502 Ashby Ave.

Remodeling of building for medical offices.

Owner—Dr. William E. Marsh, 2580 Bancroft Way, Berkeley.

Architect—Not announced. 16

January 7, 1946

LOW BIDDER

STORE BUILDING

OAKLAND, Alameda Co., Calif. 3200 block off Lakeshore Ave.

Construction of one-story, reinforced concrete and frame store building (65x90 ft.), composition roof, plate glass front, etc.

Owner—J. O. Edy, 3276 Lakeshore Ave., Oakland.

Architects—Miller & Warnecke, Financial Center Bldg., Oakland.

Low Bidder—Willis F. Lynn, 1040 Folger Ave., Berkeley. • 16

January 7, 1946

PRELIMINARY PLANS COMPLETED

SHOPPING CENTER Cost, $400,000

WEST PITTSBURG, Contra Costa Co., Calif. Near Ambrose School.

Construction of shopping center, including theater and medical-dental building, stores, service station, restaurant, etc.

Owner and Builder—Bernard E. Enes, R.F.D. 1, Box 480, Pittsburg.

Architect—Philip D. Tomasello, Room 305, 605 Washington St., San Francisco.

Working drawings will be started shortly. • 16

January 7, 1946

TO ASK BIDS

STORE BUILDINGS

Approximate Cost, $100,000

PITTSBURG, Contra Costa Co., Calif. Railroad Ave. and E. 7th St.

Construction of new corner store building (100x101 ft.); alter exterior walls of adjacent building (25x100 ft.), and construction of new adjoining building (50x180 ft.), all construction to be steel frame and reinforced concrete.

Owner — Camillio Lamzafame, c/o architect.

Architect—Philip D. Tomasello, Room 305, 605 Washington St., San Francisco.

Plans are now being completed and will go out to bids on January 14. • 16

January 7, 1946

PLANNED

OFFICE BLDG. Cost, $60,000

RICHMOND, Contra Costa Co., Cal. 23rd St. South of Bissell Avenue.

Construction of office building comprising 9,000 sq. ft. of floor space, soundproofing, glass brick front and concrete floor with tile covering, etc.

Owner and Builder—R. J. Stempel, 1039 23rd St., Richmond.

Lessee — California State Employment and U. S. Employment Service, 601 Nevin Ave., Richmond.

Architect—Not Announced. • • 16

January 7, 1946

PLANNED

DRIVE-IN MARKET Cost, $40,000

PITTSBURG, Contra Costa Co., Cal. East Tenth Street.

Construction of drive-in market.

Owner — Max Snyder, c/o Snyder's Motor Service, 511 Black Diamond, Pittsburg.

Architect—Not Announced.

Contractor—Russell P. Cataline, 1075 Cumberland St., Pittsburg. • • 16

January 7, 1946

PROPOSED

MEMORIAL BUILDING

LODI, San Joaquin Co., Cal. North Washington St., Lawrence Park.

Construction of Lodi Legion Memorial Building.

Owner—Lodi Post No. 22, American Legion.

Architect—Not Announced. • • 16

January 7, 1946
January 7, 1946

PLANNED

REMODEL BUILDING

OAKLAND, Alameda Co., Cal. 14th St. between Jefferson and Grove.

Remodel present two-story building with new front and parking lot.

Owner—G. C. Laird & Sons, 528 13th Street, Oakland.

Architect—Not Announced. • 16

January 7, 1946

PLANNED

OFFICE BUILDING

ALBANY, Alameda Co., Cal. Solano and Stannage Avenues.

Construction of three-unit, 1-story white stucco building.

Owner—Dr. Robert McMahon, 1256 Solano Ave., Albany.

Architect—Not Announced. • 16

January 7, 1946

CONSTRUCTION UNDER WAY

STORES AND APARTMENTS

Estimated Cost, $40,000

WEST PITTSBURG, Contra Costa Co., Calif.

Construction of steel and wood frame and stucco building (67x114 ft.), with stores and offices on first floor and nine apartments on second floor.

Owner and Builder—Bernard E. Enes, R.F.D. 1, Box 480, Pittsburg.

Architect—Philip D. Tomasello, Room 305, 605 Washington St., San Francisco.

Construction is now under way. • 16

January 7, 1946

CONTRACT AWARDED

OFFICE BUILDING Cost, $150,000

SHELL POINT, Pittsburg, Contra Consta Co., Calif.

Construction of two-story reinforced concrete office building (59x160 ft.), composition roof, steel sash, acoustical ceilings, tile lavatory, floors, structural glass and asphalt tile floors, etc.

Owner—Shell Chemical Co., Division of Shell Union Oil Corp., 100 Bush St., San Francisco.

Architects—Gordon B. Kaufmann & Associates, 627 S. Carondelet St., Los Angeles.

Contractor—Howes & Whitaker, Russ Bldg., San Francisco. • 16

January 7, 1946

PLANNED

LOS ANGELES, Calif. — Sam L. Fink, 443 S. La Cienega Blvd., Los Angeles, will build a two-story reinforced concrete medical building at 439 S. La Cienega Blvd., Los Angeles, for John Bello and Alvin C. Gershenson, 443 S. La Cienega Blvd.; cost, $110,000. Plans were prepared by Ted H. Jaehn, engineer, 3214 Glenhurst Ave., Los Angeles. The contractor is taking sub-bids. 16

January 7, 1946

PLANNED

LOS ANGELES, Calif. — Paul M. Bear & Sons, 2400 Hyperion, will build a 4-story, class A, reinforced concrete store and office building at 6085-87 Sunset Blvd. for Bain Dayman; 50x134 feet in area; cost, $125,000. Subbids are being taken by the contractor. Plans were prepared by M. J. Gabrielson, engineer, 6362 Hollywood Blvd. 16

January 7, 1946

PLANNED

LYNWOOD, Los Angeles Co., Calif. —Henry Larsen, 3252 W. Euclid Ave., Lynwood, will build a 3-story, reinforced concrete building to contain professional offices, stores and apartments at 11818 Long Beach Blvd., Lynwood, for C. J. Shrock, 3535 Josephine St. The building will accommodate five stores on the ground floor, 11 offices on the second, and six apartments on the top tier; cost, $80,000. 16

January 7, 1946

CONTRACT AWARDED

LONG BEACH, Los Angeles Co., Calif.—Sam Duff, 733 W. 14th St., Long Beach, has the contract for the construction of a furniture store building at 4141 Atlantic Ave., Long Beach, for W .B. Scott. It will cover an area 100x180 feet; estimated cost, $90,000. Plans were prepared by Architect Harold C. Wildman, 3710 Lime Ave., Long Beach. 16

January 7, 1946

STARTING WORK

LONG BEACH, Los Angeles Co., Calif.—J. K. Thomas and Beyer Construction Co., 611 Chamber of Commerce Bldg., Los Angeles, are starting work on the construction of a 2-story store and office building at 1955 American Ave., Long Beach, for Mitchell Land & Investment Co. It will cover an area 90x150 feet; cost, $100,000. Plans prepared by Architect Warren Dedrick, Heartwell Bldg., Long Beach. 16

January 7, 1946

PLANNED

ALHAMBRA, Los Angeles Co., Calif.—Kenneth P. Schmidt, 140 N. Glendale Ave., Glendale, will build a market building at 200 N. Garfield Ave., Alhambra, for Cecil H. Eshelman, 7033 Sunset Blvd., Los Angeles; reinforced concrete frame construction; cost, $100,000. 16

January 7, 1946

PLANNED

PORTLAND, Ore.—Ross B. Hammond Co., 1241 N. Williams, Portland, Ore., will build a 3-story and basement reinforced concrete office building on Sandy Blvd. between 17th and 18th Sts., Portland, for the Farmers' Automobile Inter-Insurance Exchange. The building will cover a ground area of 10,200 sq. ft.; estimated cost, $100,000. Plans were prepared by Claude Beelman, architect; Herman Spackler, associate architect, 1019 Union Bank Bldg., Los Angeles. 16

January 7, 1946

PLANNED

STORE

SACRAMENTO, Calif.

Construction of store building and fixtures.

Owner—Lucky Store, 155 Hilltop Rd., San Francisco.

Architect—Not announced. 16

January 7, 1946

PLANNED

STORE

SALINAS, Monterey County, Calif. Klett property, business subdivision, S. Main St.

Construction of store building and fixtures.

Owner—Lucky Store, 155 Hilltop Rd., San Francisco.

Architect—Not announced. 16

January 7. 1946

WORK STARTED

LOS ANGELES, Calif. — Stronach Construction Co., Inc., 175 N. Robertson, Los Angeles, is starting work on the construction of an eight-story, type I, loft and office building on the east side of S. Los Angeles St. near the corner of 9th St., for Samuel B. Gerry. The building will be reinforced concrete construction and will contain about 100,000 sq. ft. of floor space, with flat slab system of design with smooth ceilings; estimated cost, $500,000. Plans were prepared by Herbert O. Alden, 174 Canon Dr., Beverly Hills, and Maurice H. Fleishman, 721 Union Bank B'dg., Los Angeles, associated architects. Laurence J. Waller, structural engineer, 601½ S. New Hampshire Ave., Los Angeles. Lester R. Kelly, mechanical engineer, 417 S. Hill St., Los Angeles, for the plumbing, heating, ventilating, sprinkler system and other mechanical features. 16

January 7, 1946

WORK STARTED

STORE BLDG. Cost, $21,000

SAN CARLOS, San Mateo County, Calif. Laurel Street.

Construction of one-story reinforced concrete store bldg. (50x80-ft.)

Owner—C. S. Anderson.

Architect—Mario Ciampi, 333 Kearny St., San Francisco

Contractor—Daley Bros., 426 Bryant St., San Francisco. • • 16

17— THEATERS

January 7, 1946

PLANNED

VAN NUYS, Los Angeles Co., Calif. —Earl L. White, 3300 W. Magnolia Blvd., Burbank, will build a reinforced brick building to contain six stores and a 992-seat theater at 7500 Lankershim Blvd., Van Nuys District, for the Longwood Investment Co., 7462 Lankershim Blvd; 120x150 feet in area; cost, $65,000. Plans were prepared by F. E. Stanbery, engineer, Rowan Bldg., Los Angeles. 17

19—MISC. CONSTRUCTION

January 7, 1946

PLANNED

SKATING RINK Cost, $50,000

HAYWARD, Alameda Co., Cal. Castro Street.

Construction of one-story soundproof brick building (80x180-ft.) skating floor, rest rooms, soda fountain.

Owner—Al Ferreira, c/o Al's Rollerdome, Niles Road.

Architect—Not Announced. • • 19

BIDS WANTED

CAMPO, San Diego Co., Cal.—Until January 24, 10 A. M., new bids will be received by the Lowe Company, engineers and consultants, 315 Architects' Bldg., Los Angeles, for the construction of 7.5 miles of electric tranmission line and a 1000-kva substation, near Campo, about 60 to 70 miles east of San Diego, for the Mountain Empire Electric Cooperative; a Rural Electrification Administration project. The line will begin 0.5 mile west of Laguna Junction along Highway 80, to about 7 miles south of Buckner Springs.

Plans and specifications are available from the above office upon deposit of $15, not returnable. Bidders guarantee in the amount of 5% to accompany bids.

As previously reported, Vancott Co., 5024 W Washington Blvd., Los Angeles, at $28,836.20 submitted low bid Dec. 20, which was rejected. • 19

January 7, 1946

PLANNED

ENLARGE RACE TRACK

Cost, $1,250,000

SAN MATEO COUNTY, Calif. Tanforan.

Modernize and enlarge Tanforan Race Track.

Owners—Guy M. Standifer, Balfour Bldg., San Francisco, and Jack Rainer, New York City, N. Y.

Architect—Not announced. 19

20— MISC. SUPPLIES AND MATERIALS

January 7, 1946

BIDS WANTED

BURLINGAME, San Mateo Co., Calif.—Until January 21, 8 P. M., bids will be received by the City of Burlingame, Herbert K. White, city clerk, City Hall, for furnishing approximately 12,000 gallons of ethyl gasoline and 12,000 gallons of regular grade gasoline, a total of 24,000 gallons, during a 12-month period beginning February 1, 1946; to be delivered in bulk at the Burlingame Fire Station and Burlingame Police Department tanks.

Specifications obtainable at above office. • 20

January 7, 1946

BIDS WANTED

OAKLAND, Alameda Co., Calif.—As previously reported, until January 16, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Pro. 1702 for 1000 ft. cement-lined seamless steel pipe, 6-inch diameter.

Specifications obtainable from the above office. • 20

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Dredging, Harbor Works and Excavation 22
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Sewers and Sewage Disposal Plants 32
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Parks and Playgrounds 34
Tunnels 35

23— CANALS

January 7, 1946

LOW BIDDERS

ALTUS PROJECT, Okla.—Luther Brothers Constr. Co., Fort Worth, Texas, at $255,482 submitted low bid to the U. S. Bureau of Reclamation, Altus, Okla., under Spec. 1133 for construction of earthwork and structures, station 376 plus 87.5 to station 610 plus 00, Altus Canal and Altus laterals 2.8 and 9.9 and sublaterals, Altus Project, Okla. The work is situated 1 to 11 miles north of Altus.

Second and third low bids follow: James & Phelps Constr. Co., Oklahoma City, Okla., total bid, $288,133. Stamey Constr. Co., Hutchinson, Kansas, total bid, $306,535.50.

Complete bids will follow shortly.

25—MACHINERY AND EQUIPMENT

January 7, 1946

BIDS WANTED

MARIN AND NAPA COUNTIES, Calif.—Until January 8, 3 P. M., bids will be received by John H. Skeggs, district engineer, State Department of Public Works, Division of Highways, District IV, 2001 Van Ness Ave., San Francisco, for rental of one (1) only ½-cu. yd. capacity gasoline engine powered truck crane, equipped with interchangeable clamshell bucket and dipper, for approximately 500 hours of work in Marin and Napa Counties.

Specifications obtainable from the above office. • 25

29— STREETS AND HIGHWAYS

January 7, 1946

LOW BIDDER

CORONADO, San Diego Co., Calif. —R. E. Hazard, 2548 Kettner Blvd., San Diego, at $24,270, submitted the low bid to the U. S. Navy, Public Works Office, 11th Naval District, 1220 Pacific Highway, San Diego, December 21, for additional black topping at the U. S. Naval Amphibious Training Base, Coronado; Specification 17271. 29

January 7, 1946

CONTRACT AWARDED

LONG BEACH, Los Angeles Co., Calif.—Bryce Trucking & Construction Co., 1306 E. Anaheim St., Wilmington, at $28,967.40, awarded contract by the City of Long Beach for improving Los Coyotes Diagonal, between Los Alamitos Circle and Bellflower Blvd., Long Beach. 29

January 7, 1946

CONTRACT AWARDED

CHURCHILL COUNTY, Nev.—Silver State Constr. Co., Fallon, Nev., at $189,734.39 submitted low bid and awarded contract by the directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, for construction of a portion of the state highway system in Churchill County, from a junction with U. S. 50, five miles west of Fallon, to a point approx. 8 miles southeasterly on a portion of FAS Routes 506, 505 and 504, a length of approx. 6.589 miles.

Dodge Constr., Inc, at $190,037.37 submitted second low bid. • • 29

31—PIPE LINES & WELLS

January 7, 1946

BIDS WANTED

COLUSA, Colusa Co., Calif.—Until January 14, 2 P. M., bids will be received by U. S. Indian Irrigation Service, 647 Phelan Bldg., San Francisco, under Inv. No. 6-46 for drilling 16-inch water well on the Old Tuttle Ranch near Colusa, Calif.

The work involved:

(1) 100 ft. for constructing the first 100 ft. or less of well; contractor to supply all materials and do all work, including perforating and sand-pumping;
(2) 50 ft. for constructing well as described in Item 1 from 100 to 150 ft.;
(3) lump sum for testing the well (actual running time 24 hours) with deep-well turbine pump driven by engine of satisfactory size and horsepower, all to be supplied, installed and operated by the contractor;
(4) 8 hours' work of driller and helpers and use of well rig, all appurtenant equipment and tools for doing such extra or unforeseen work as may be ordered by the engineer.

Specifications obtainable from the above office. • 31

32— SEWERS & SEWAGE DISPOSAL PLANTS

January 7, 1946

CONTRACT AWARDED

OILDALE, Kern Co., Calif.—Bechtel Bros.-McCone, 155 Sansome St., San Francisco, at $669,038 submitted low bid an awarded contract by the Sanitary Board of the North of the River Sanitary District No. 1 of Kern County, Standard School, N. Chester Ave., Oildale, for the construction of a sewer collecting system, pumping station and treatment plant in Oildale, to serve an area including Oildale, Riverview, Highland Park, Wingland Square and other north of the river communities.

Plans and specifications were prepared by Engineer R. E. White, 2617 20th St., Bakersfield. • • 32

January 7, 1946

BIDS WANTED

SAN FRANCISCO.—Until Jan. 30, 2:30 P. M., bids will be received by the Department of Public Works, Room 282, City Hall, for construction of reinforced concrete sewer on upper Army Street, Section A.

Specifications obtainable from the office of City Engineer Ralph Wadsworth, City Hall, upon deposit of $10.

Unit quantities will be published shortly. • • 32

January 7, 1946

CONTRACT AWARDED

SAN FRANCISCO.—Eaton & Smith, 715 Ocean Ave., San Francisco, at $179,676 on Prop. B, awarded contract by the Department of Public Works, Room 282 City Hall, San Francisco, under Spec. 20,012 for construction of Lake Merced sewer system, section "A." • 32

January 7, 1946

CONTRACT AWARDED

LAGUNA BEACH, Los Angeles Co. Cal.—J. L. Kruly, 1785 N. Eastern Ave., Los Angeles, at $79,863 submitted low bid and was awarded contract by the city council of the City of Laguna Beach, Dec. 19, for the construction of sanitary sewers in the Temple Hills Sewer Dist., Sanitary Lateral Sewer District No. 5, Laguna Beach, 1911 Act project.

Plans were prepared by J. R. Lester Boyle, city engineer, Laguna Beach. • 32

January 7, 1946

PLANNED

LOS ANGELES, Calif. — Superior Judge Joseph W. Vickers has ruled that the present sewage disposal system for Los Angeles creates a dangerous nuisance condition, as charged by the State, and has ordered "expeditious" abatement of "intolerable conditions." Although a specific remedy was not ordered, recommendation was made that the proposed $21,000,000 plant proposed by Metcalf & Eddy, engineers, Boston, Mass., be constructed. Recommendation was also made that chlorination machines should be installed immediately at the present plant in order to reclaim three and one-half miles of important beaches.

OVERCROSSING, SAN DIEGO COUNTY

SAN DIEGO COUNTY, Calif.—Fred D. Kyle, 714 W. Olympic Blvd., Los Angeles, at $87,848, awarded contract by the State Division of Highways, G. T. McCoy, state highway engineer, State Bldg., Los Angeles, for construction of a structural steel overcrossing over the tracks of the Atchison, Topeka & Santa Fe Railroad one mile north of Oceanside, San Diego County.

The work involves:

(1) 550 cu. yds. structural excavation;
(2) 730 cu. yds. class A portland cement concrete;
(3) 628 lin. ft. concrete railing;
(4) 394,000 lbs. furnish structural steel;
(5) 394,000 lbs. erect structural steel;
(6) 4800 lin. ft. furnish steel piling;
(7) 102 each drive steel piling;
(8) 60 each steel pile splices;
(9) 89,000 lbs. furnish bar reinforcing steel;
(10) 89,000 lbs. place bar reinforcing steel;
(11) miscellaneous items of work.

Total bids submitted were:

(A) Fred D. Kyle, $87,848.
(B) Spencer Webb, Los Angeles, $88,286.
(C) Haddock Engineers, Ltd., Oceanside, $88,886.
(D) C. B. Tuttle, Long Beach, $89,969.
(E) Oberg Bros., Inglewood, $101,900.
(F) Basich Bros. Construction Co., $112,534.
(G) M. H. Golden Construction Co., $113,225.

The unit bids submitted were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 3.00	$ 3.00	$ 4.50	$ 3.60	$ 3.00	$ 3.00	$ 5.50
(2)	36.00	35.00	38.00	31.00	50.00	50.00	49.00
(3)	6.00	5.00	5.25	6.00	5.00	8.00	8.00
(4)	.075	.064	.063	.07	.07	.08	.066
(5)	.02	.02	.025	.0345	.02	.03	.027
(6)	1.50	1.70	1.60	1.90	2.00	2.00	408.00
(7)	40.00	80.00	34.50	43.00	60.00	50.00	55.00
(8)	10.00	15.00	6.50	5.00	20.00	20.00	30.00
(9)	.04	.05	.043	.05	.05	.05	.06
(10)	.02	.02	.024	.02	.02	.03	.0285
(11)	1500.00	1500.00	3150.00	400.00	2000.00	3000.00	1000.00

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SAN FRANCISCO IRON FOUNDRY
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USED EQUIPMENT—MATERIALS
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NEW & RECONDITIONED DIMENSION LUMBER
TIMBERS, wallboards, plumbing, pipe, millwork, and other building materials. SALE PRICES. Large stocks of "hard to get" items.
Wire, write, or 'phone
CLEVELAND WRECKING CO.
2900 Third St. VAlencia 4977

70-ft. STEEL TOWER, 26 M gal. REDWOOD TANK and two 66-in. x 24-ft. x 5/16-in. STEEL PRESSURE TANKS to be sold as one unit. Located in San Francisco. Must be removed at once. Sacrifice. Write, 'phone or wire for information.
CLEVELAND WRECKING CO.
2800 Third Street, San Francisco
VAlencia 4977 (tf)

FOR RENT OR SALE
CAT 30 WITH HYDR. DOZER. 2643 San Bruno Ave., S. F. Phone RA. 2998. to Jan. 8, 1946

FOR RENT
CLEVELAND TRENCHER, fully operated. F. R. Archibald, LOckhaven 81792.

FOR SALE
150 M. 12x12 LUMBER, $35 per M. Bob Olsen, 2643 San Bruno Ave., San Francisco. Phone RAndolph 2998. (Jan. 3, 4, 7, 8, 9, 1946)

FOR SALE
4 INDUSTRIAL STEEL SASH, 5-ft. 9 in., 8 ft. 6 in., 25 lights. Phone HEmlock 8476. 1/7 to 11, '46

FOR SALE
350,000 Bm. Good Used Douglas Fir Lumber, 3x8, 3x10, 2x12, 4x12, 4x12, 8x8, 10x10, 10x12, 12x12, 12x16. Timbers 8 ft. to 6 ft. in length, all in very good condition. Address: Fred J. MAURER & SON, Phone 1585 or Box 121, Eureka, California.

POSITION WANTED
CIVIL ENGINEER, graduate, veteran, desires position with contractor, estimating or field; 4 years exp. of office engin. in hydraulics, highways and structural steel design. Reply Box 14, c/o Daily Pacific Builder. Jan. 4-7-8-9-10-11, '46

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS

Building Permits, $1,000 and Over, Applied For

SAN FRANCISCO COUNTY

2-STORY STORE AND OFFICES
S. OCEAN AVE. 105 W. CORNER EUCALYPTUS AVE.
Owners—Mr. and Mrs. F. Jensen, 212 Clara St.
Builder—A. F. Mattock Co., 212 Clara.
Architect—Not Given. $40,000
(Application No 84994)

2-STORY FRAME FLATS (6)
N. GRAND VIEW AVE. and ACME ALLEY; N. GRAND VIEW AVE. 18, 44, 145, 217, 246 W. ACME ALLEY.
Owner and Builder—Matthew A. Little, 1 Grand View Ave.
Architect—Not Given. $9,000 each
(Application Nos 84966 to 71)

1-STORY FRAME DWELLINGS (12)
SE. 15TH AVE. AND MANDALAY LANE; SE. 15TH AVE. 49, 88, 127, 166, 205, 244, 283, 322, 361, 400 S. MANDALAY LANE; NE. CORNER 15TH AVE. and FANNING WAY.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah St.
Architect—Not Given. $6,500 each
(Application Nos 84974 to 85)

CLASS "C" STEEL SERVICE STATION
SE. COR. LOMBARD AND SCOTT.
Owner—Tide Water Associated Oil Co., 79 New Montgomery.
Builder—Not Let.
Architect—Not Given. $6,000
(Application No 84955)

1-STORY FRAME DWELLINGS (3)
E. 15TH AVE. 92, 134, 165, S. ORTEGA WAY.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah St.
Architect—Not Given. $5,870 each
(Application Nos 84963-65)

1-STORY FRAME DWELLINGS (3)
N. ALAMENY BLVD. 115, 144, 169 W. BENTON.
Owner and Builder—H. Barber & Son, 280 Justin Dr.
Architect—Not Given. $5,800 each
(Application Nos 84988-90)

ALTER TERRACE RESIDENCE
44 NORMANDIE TERRACE
Owners — Mr. and Mrs. Frank C. Belcher, premises.
Builder — Chas. Stockholm & Sons, 391 Sutter St.
Architect—Not Given. $3,500
(Application No 84973)

ALTER OFFICE
NE. COR. 8TH AND IRWIN.
Owner and Builder—Standard Oil Co., 225 Bush St.
Architect—Not Given. $1,200
(Application No 84956)

ALTER TAVERN
358 OCEAN AVENUE.
Owner — Fred Giocondi, 354 Ocean Ave.
Builder—Boyd C. Lindsay, 1176 Alemany Blvd.
Architect—Not Given. $1,000
(Application No 84972)

Building Permits, $1,000 and Under, Applied For

SAN FRANCISCO COUNTY

ELECTRIC SIGNS (5); B C Woolf, 727 Sutter St, $265; Joseph Bloomfield, 1574 15th St, $388; Barbarina Baker, 1900 Hyde St, $205; Harold Young, 5335 Geary Blvd, $499; Michail Genoff, 162 Turk St, $492; builder, Neon Maintenance Corp, 755 Davis St.

ALTER FLATS, $250; 3865-71 25th St; owner, Miss M L Dettl, Los Gatos, Calif; builder, John Hink, 1459 S Van Ness.

ALTER STORE AND FLATS, $250; 1401 Baker St; owner and builder, Wm A Hunter, 708 Buchanan.

ALTER 3 FLATS, $250; 1345 Grove; owner, Robert Munn, prem; builder, E Solheim, 670 40th Ave.

ALTER 2 FLATS, $200; 544 Precita Ave; owner, Mrs Schindel, 1734 Broderick; builder, Leonard Salomon, 1734 Broderick.

ALTER 1 FLAT TO 2 APTS., $200; 420 Guerrero; owner, Dan McCarthy, agent, 2063 Mission; builder, Koenig Bros, 208 Dorland.

ALTER BUILDING, $175; 913 Grant Ave; owner, Lee Family Association, prem; builder, Larry P Lee, 1104 Stockton.

ALTER GARAGE, $100; 1960 Folsom; owner, Watson & Meeham, prem; builder, A G Heglin, 1451 27th Ave.

ALTER FLATS, $50; 42 Perry St; owner, P A Deligianis, prem; day work.

ALTER 1 FAMILY DWELLING, $50; 732 Arkansas; owner and builder, Alexander Coustan, premises.

ALTER hotel and store, $900; 1548 California; owner, Miss J Dastigue, 2380 Bay St; contractor, H Erickson, 972 Chenery.

SIGN, electric, $675; 747 3rd Street; owner, Torre, prem; contractor, Brumfield Elec Sign Co, 965 Folsom Street.

ALTER flats and apts, $650; 532 Ashbury St; owner, J F and Jane E Jarvis, premises; contract, not let.

SIGN electric $600; 932 Fillmore St; owner Uptown Lounge premises; contractor Neon Sales & Service Co 290 Pacific St

ALTER liquor store $500; 3338 Mission St; owner A Cartman 3330 Mission; contractor Wm Horstmeyer 23 Mars St.

ALTER apt house $500; 1950 Gough; owner Max Weiman 571 14th Ave.

SIGN,S five electric, 1545 Fillmore, $475, owner, Lum; 998 McAllister, $300, owner, Martin; 1169 Market, $475, owner, Dr Robinson; 1349 Golden Gate Ave, $385, owner, Mr Wong; 1039 Mission St, $340, owner, Little; contractor, Brumfield Elec Sign Co, 965 Folsom St

BILLBOARDS, four, NE Cor Ocean Ave and Laguinitas Dr, $90; SE Cor Monterey and Edna, $45; SW Cor Embarcadero and Brannan, $45; W Bryant 62 N 16th St, $45; owner and contractor, Foster and Kleiser Co, 1675 Eddy St.

PIPE
PIPE - VALVES - FITTINGS
Facilities for pipe bending and manifolds
Write for Prices
Pacific Pipe Co.
160 Spear St., San Francisco

Building Permits, $1,000 and Over, Applied For

ALAMEDA COUNTY

ALTERATIONS
1935-75 BROADWAY, OAKLAND.
Owner — H. C. Capwell Co., 1935 Broadway.
Builder—S. Kulchar Co., 731 E. 10th St.
Architect—Not Given. $20,000

1-STORY BRICK STORE
1922 WEBSTER ST., OAKLAND.
Owner—E. L. Buttner, 534 20th St.
Builder—Christensen & Lyons, 3454 Harlan St.
Architect—Alben Froberg, 3454 Harlan St. $18,000

ALTERATIONS
3302-06 E. 14TH ST., OAKLAND.
Owners — Merle Lovett and Harry Russling, premises.
Builder—H. K. Jensen, 4024 MacArthur Blvd.
Architect — Irwin Johnson, 449 W. MacArthur Blvd. $14,000

1-STORY STORES (2)
5909-11 E. 14TH ST., OAKLAND.
Owner—A. Bianchi, 909 59th Ave.
Builder—Owen & Hamilton, 3630 High St.
Architect—Not Given. $6,000

ALTERATIONS AND ADDITION
6308 SAN PABLO AVE., OAKLAND.
Owner—La Cross, premises.
Builder—F. M. Meland, 1035 Carleton St., Berkeley.
Plans by W. . Doctor, 6500 Chabot Rd. $6,000

1-STORY 4-ROOM DWELLING
2350 106TH AVE., OAKLAND.
Owner—R. A. Sturgeon.
Builder—J. Floyd Perry, 271 Begier Ave., San Leandro.

ADDITION
1051 19TH AVE., OAKLAND.
Owner and Builder—Curtall Co., 1051 19th Ave.
Architect—Not Given. $5,000

ADDITION
3544 FRUITVALE AVE., OAKLAND.
Owner—Virgil L. Malcolm, premises.
Builder—Beckett & Federighi, 1441 Franklin St.
Architect—Not Given. $4,000

ADDITION
3731 MacARTHUR BLVD., OAKLAND.
Owner—M. Milton, premises.
Builder—Owen & Hamilton, 3630 High St.
Architect—Not Given. $3,500

1-STORY OFFICE BUILDING
7626 MacARTHUR BLVD., OAKLAND.
Owner—Smith & Bowles.
Builder—H. L. Risdon & Sons, 5977 Majestic Ave.
Architect—Not Given. $3,500

REPAIRS
81 GLEN AVE., OAKLAND.
Owner—Western Loan & Building Co., 363 15th St.
Builder—Frank W Anderson, 811 37th St.
Architect—Not Given. $1,000

PERMITS UNDER $1,000

ALAMEDA COUNTY

ALTERATIONS, $900; 508 17th St; owner, Inks Fountain, 508 17th St; builder, C M Teigland, 600 University Ave, Berkeley.

1-STORY GARAGE, $750; 6616 Sunnymere Ave; owner and builder, J S Snell, 6616 Sunnymere Ave.

ELECTRIC SIGN, $500; 363 24th St; owner, Glenn Moore, prem; builder, Western Neon Corp, 3001 Chapman.

WRECK 1-STORY DWELLING, $500; 2330 Telegraph Ave; owner and wrecker, T Delorefica, 310 Yolo St, El Cerrito.

1-STORY GREENHOUSE, $465; 4041 Maybelle Ave; owner and builder, Tsmutsu Maruyama, 4041 Maybelle Ave.

ELECTRIC SIGN, $250; 359 15th St; owner, George G Block, premises; builder, Western Neon Corp, 3001 Chapman St.

ADD TO GARAGE, $150; 1277 105th Ave; owner, Mrs C Palange, prem; builder, C J Heinemann & Son, 9626 Walnut St.

BILLBOARD, $50; NW cor E 14th and 76th Ave; owner and builder, Foster & Kleiser Co, 22nd and Market Sts.

BILLBOARD, $75; SE cor San Pablo and 67th St; owner adn builder, Foster & Kleiser Co, 22nd and Market Sts.

BILLBOARD, $50; SE cor San Pablo and 67th St; owner and builder, Foster & Kleiser Co, 22nd and Market Sts.

BILLBOARD, $28; E side 23rd Ave 125 ft NE 10th St; owner and builder, Foster & Kleiser Co, 22nd and Market Sts.

BILLBOARD, $25; NW cor Cypress and 8th Sts; owner and builder, Foster & Kleiser Co, 22nd and Market Sts.

SAN JOSE

ADD TO BUILDING, $54,920; 80 S Market St; owner, Pacific Telephone & Telegraph Co; builder, Haas Construction Co, 326 Merchants' Exchange Bldg, San Francisco.

ADD TO BUILDING, $20,000; 400 N First St; owner, Golden State Co, Ltd; builder, Bridges Construction Co, 1071 Pine Ave, San Jose.

ALTER BUILDING, $15,000; 66 W San Antonio St; owner, Harold K Stern; builder, Bert P Ward & Son, 1245 Lincoln Ave, San Jose.

5-ROOM DWELLING, $8000; 621 Fuller Ave; owner and builder, N A Lamb, P O Box 13, Dos Palos, Calif.

WAREHOUSE, $1800; 341 Harron St; owner and builder, George O Nelson, 1132 Brace Ave, San Jose.

GARAGE, $1500; 633 N 13th St; owner, S H Smith; builder, W W Hartell, 863 S 10th St, San Jose.

ALTER RESIDENCE, $1500; 606 N 5th St; owner and builder, Titsuko Ikida Zarina.

ADD TO RESIDENCE, $1000; 855 Minnesota Ave; owner and builder, W A Wilburn, 855 Minnesota Ave, San Jose.

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6th and Channel, San Francisco

SAN MATEO COUNTY
(Unincorporated)

RESIDENCE AND STORE, $18,000; Lot 39, El Camino Real, Capuchino Manor No 1; owner and builder, H J Drotliff, 165 Laurel Ave, Millbrae.

RESIDENCE, $11,000; Arb Lot 3, Whipple Rd, Johnson Subdivision; owner and builder, Clive Zemlicka, 2 Carr St, San Francisco.

RESIDENCE, $10,000; Lots 9 and 10, Block 3, Santa Cruz Ave, University Park; owner and builder, Chas Oneil, 675 Amherst, Palo Alto.

GARAGE AND SERVICE STATION, $10,000; ptn of Lot 14, 5th Ave, Sweeney Ranch, Redwood City; owner and builder, T A Bonsall, 950 5th Ave, Redwood City.

RESIDENCE, $9000; Lots 15 and 16, Block 32, Rio del Mar, Vallemar; owner and builder, H Larvick, Rockaway Beach.

RESIDENCE, $7500; Bayshore Highway, Ravenswood School District; owner, K M Sheridan, 1247 Hillcrest Dr, Millbrae; builder, J Steiner, Lorton Ave, Burlingame.

RESIDENCE, $7000; Lot 23, Block 1, Thornhill Blvd, White Oaks No 5; owner and builder, Jacob Banko, 877 Bryant St, San Francisco.

RESIDENCE, $7000; Lot 13, Block 14, Alameda de las Pulgas, University Heights; owner and builder, Chris Tollefsen, 3084 22nd Ave, Oakland.

RESIDENCES (7), $5000 each; Lot 2, Block 3, Markham Ave, Dumbarton Park; Lot 4, Block 3, Markham; Lot 5, Block 3, Markham; Lot 6, Block 3, Markham; Lot 7, Block 3, Markham; Lot 10, Block 3, Dexter Ave; Lot 6, Block 4, Markham; owner, Milland Development Co, 605 Market St, San Francisco; builder, Mills Construction Co, 605 Market St, San Francisco.

ADD TO RESIDENCE, $1000; San Benito Ave, Redwood City; owner, G F Duffy, San Benito Ave, Redwood City; builder, H P Coykendall, 83 Whipple Rd, Redwood City.

ADD TO RESIDENCE, $1000; ptn of Lot 25, Bay Laurel Ave, Brookdell; owner, F C Strickland, Bay Laurel Ave, Menlo Park; builder, H Staven, 1067 College Ave, Palo Alto.

ADD TO RESIDENCE, $600; ptn of Lots 3 and 4, Block 1, Orange Ave, Martin Tract; owner and builder, David Chambers, Route 1, Box 832, Menlo Park.

CHICKEN HOUSE, $600; Lot 6, Block 4, Balboa Ave, Miramar Beach; owner and builder, Albert Pederson, Miramar.

ALTER RESIDENCE, $250; Lots 11 and 12, Block 24, Chesham Rd, Devonshire No 4; owner and builder, R R Richardson, Chesham Rd, San Carlos.

FRESNO

DWELLING AND GARAGE, $6000; 2421 Harvard; owner and builder, Arthur Penner, 2725 College.

GARAGE AND HOBBY SHOP, $1000; 3630 Madison; owner and builder, H W Allen.

GARAGE FOR TEMP. DWELLING, $900; 1536 S 4th St; owner and builder, Ida M Gonser.

ADD TO DWELLING, $800; 131 Plumas; owner and builder, Mrs Millie Mrkaich.

ADD TO BUILDING, $750; 2019 Belmont; owner and builder, Eddlemon's.

REPAIR PRINT SHOP, $500; 1150 Broadway; owner and builder, Capital Co, Mattei Bldg, Fresno.

ALTER BANK, $500; 501 Blackstone; owner and builder, Capital Co, Mattei Bldg, Fresno.

SIGN, $200; 1861 G St; owner, Standard Oil Co, Butler & O, Fresno; builder, Electrical Products Corp, 1837 Merced, Fresno.

SIGN, $200; 3401 E Tulare; owner, Standard Oil Co, Butler & O Sts; builder, Electrical Products Corp, 1837 Merced, Fresno.

SACRAMENTO

REMODEL DOCTOR'S OFFICE, $1750; 2724 Capitol Ave; owner, Dr J Craig; builder, H C Pratt, 4648 T St.

REMODEL DOCTOR'S OFFICE, $1750; 2726 Capital Ave; owner, Dr Rovane; builder, H C Pratt, 4648 T St.

SIGN, $100; 1121 J St; owner, ...; builder, Electric Sign Co, 817 12th.

GARAGE, $125; 3619 1st Ave; owner and builder, F F Hofer, 3619 1st Ave.

Building Permits, $500.00 and Over, Issued by the Board of Public Works

SAN FRANCISCO COUNTY

JANUARY 3 and 4, 1946

1598 Carroll St; alter storage bldg; cost, $800; owner, Devincenzi & Giordo.

S Market 105 W Church; two-story frame building; cost, $44,000; owner, Church of the Open Bible.

50 Van Ness Ave; alter stores and offices; cost, $1000; owner, Domb Mfg Co.

1464 Valencia St; alte rstore; cost, $2000; owner, S Cappa.

237 Holloway Ave; alter dwelling; cost, $500; owner, S E Crawford.

86 Commercial St; alter union offices; cost, $50,000; owner, Marine Cooks & Stewards.

SE Cor Diamond and Conrad Sts; one-story frame bldg; cost $6000; owner, J B Schmidt.

2748 Mission St; alter stores; cost $2000; owner, Mode O'Day.

E 3t8h Ave 125 N Moraga; one-story frame bldg; cost, $6000; owner W M Cothran.

2663 45th Ave; alter dwelling; cost $2000; owner, Helen M. Rerni.

W Victoria 329 S Randolph; one-story frame dwelling; cost, $5000; owner, I Baldwinson.

NW Cor 23rd Ave and Irving St; one-story frame bldg; cost, $10,000; owner, A P Komsthoeft.

1985 Mission St; alter market; cost $3000; owner, Eugene Mulligan.

120 Clement St; alter store; cost, $500; owner, T Zimmerman.

1633 Webster St; alter flats; cost, $1500; owner, Chas C Daquiog.

SE Cor 15th Ave and Ortega Way; E 15th Ave 51 S Ortega Way; two 1-story frame dwellings; cost, $7,000 each; owner, Henry Doelger.

NE Lakeview and Margaret; N Lakeview 25, 50, 75 N Margaret; four 1-story frame bldgs; cost $4000 ea; owner, Ed Rosemont.

Furnace Permits

OAKLAND

3845 Redding; owner, Johnson; dealer, Atlas Htg & Vent Co; floor.

1915 Broadway; owner, Kulcher; dealer, Aladdin Htg Corp; central.

3579 Galindo; owner, Wandra; dealer, O C Wood; floor.

629 56th St; owner, Troyhall; dealer, Atlas Htg & Vent Co; central.

6436 Mokelumne; owner, Wester; dealer, Atlas Htg & Vent Co; floor.

2645 65th Ave; owner, Kohn; dealer, Atlas Htg & Vent Co; floor.

1361 105th Ave; owner, M & S Rfg Co; dealer, Atlas Htg & Vent Co; floor furnace.

3462 Boston; owner, Herman; dealer, Atlas Htg & Vent Co; central.

230 Castro St; owner, Bay Cities Bottle Works; dealer, Atlas Htg & Vent Co; central.

3491 38th Ave; owner, Johnson; dealer, Atlas Htg & Vent Co; floor.

22nd and Myrtle Sts; owner, Bohkelin; dealer, Atlas Htg & Vent Co; central furnace.

2636 Hayes; owner, Managlin; dealer, Atlas Htg & Vent Co; central.

2729 12th Ave; owner, Frost; dealer, Atlas Htg & Vent Co; central.

2500 Havencourt; owner, Silva; dealer, Atlas Htg & Vent Co; floor.

38th Avenue and Redding; owner, Johnson; dealer, Atlas Htg & Vent Co; central.

2045 34th Ave; owner, Pedro; dealer, Gernhardt-Strohmaier; floor.

1068 85th Ave; owner, Sims; dealer, Gernhardt-Strohmaier; floor.

1537 36th Ave; owner, J K McCarthy; dealer, Durant; floor.

2564 Montana; owner, G Smith; dealer, Atlas Htg & Vent Co; floor.

6984 Simson; owner, Cosca; dealer, Atlas Htg & Vent Co; floor.

2985 Fry St; owner, Gamble; dealer, Atlas Htg & Vent Co; floor.

596 7ldorado; owner, Hayes; dealer, Atlas Htg & Vent Co; central.

4th and Alice Sts; owner, Van Bokkelen; dealer, Atlas Hag & Vent Co; central furnace.

1660 E 32nd St; owner, Acme House Moving Co; dealer, Durant; floor.

Completion Notices

SAN FRANCISCO COUNTY

Recorded Accepted

Dec. 31, 1945—Aterations and additions to ticket counter, 3rd St Station. Southern Pacific Co to Boyd Lighting & Fixture Co..........Dec. 29, 1945

Dec. 31, 1945—Labor and materials Terminal Bldg in space occupied by Haas Bros on 3rd, 4th, 5th and 6th Floor. Southern Pacific Co to Crown Roof Co....Dec. 26, 1945

Jan. 4, 1946—Resurfacing rubber tile elevator and lobbies S New Montgomery and Minna. Pacific Tel & Tel Co to Robert Duncan as Duncan Floor Co.......Dec. 28, 1945

Jan. 2, 1946—E 31st Ave 150 N Moraga N 25 x E 120. Hedda and Hans Kornfeld to Herbert S Crocker & Co.................Jan. 2, 1946

ALAMEDA COUNTY

Recorded Accepted

Dec. 31, 1945—525 40th St, Oakland, Calif. Pacific Telephone & Telegraph Co to N H Sjoberg & Son ....Dec. 22, 1945

Jan. 2, 1946—1 house on Lot 26 and 1 house on Lot 27, Block B, Map No 2, San Pablo Park, Berkeley, Calif. J M Walker to whom it may concern..............Dec. 27, 1945

Jan. 4, 1946—329 14th St, Oakland, Calif. H D Clark to Hans C Jensen..........................Dec. 31, 1945

Non-Responsibility

SAN FRANCISCO COUNTY

Jan. 4, 1946—Lots 1 and 2, Block 3594, Assessor's Map. M Saroff as to improvements on property.

ALAMEDA COUNTY

Jan. 3, 1946—Lot 11, Map Rugg & Lisbon Tract, Oakland, Calif. Veterans Welfare Board of the State of California, being sold to John K and Ethel M Greene under contract.

Jan. 3, 1946—Lots 3 and ptn Lot 2, Block M, Map Central Piedmont Tract No 2, Piedmont, Calif. Veterans' Welfare Board of the State of California, being sold to Ralph C and Evelyn S Jager under contract.

Jan. 3, 1946—Lot 20, Avalon Terrace, Oakland, Calif. Veterans' Welfare Board of the State of California, being sold to Lawrence M and Ruth Scammon under contract.

Jan. 4, 1946—1823 Franklin St, Oakland, Calif. Linda Vista Co to Caro Miller, lessee.

Jan. 3, 1946—1113 Broadway, Oakland, Calif. Gertrude Herschman, Corinne Goldtree and Irving Jonas to I and Lillian Mendelson, lessee.

Jan. 4, 1946—5101 to 5115 Telegraph Ave, Oakland, Calif. Pio Tucciarone to Frank Grass, lessee.

Release of Liens

SAN FRANCISCO COUNTY

Recorded Amount

Dec. 26, 1945—O R recorded Dec 6, 1945, Lot 28, Block 2983, Claremont Court. Truman L Markee, doing business as M & N General Contractors.

Liens Filed

ALAMEDA COUNTY

..........—3367 Fernside Blvd., Alameda, Calif. Peter Sieber vs Louis D and Marjorie C Drouet..........452.47

Electrical Permits

SAN FRANCISCO COUNTY

7220 12 Montezuma; owner, Wessley; contractor, Fred Johnson Electric Co; 5 plugs.

7221 1339 Taraval; owner, Magil Cleaners; contractor, Marelco, Inc;

7222 315 Main St; owner, Pacific Diamond Bag; contractor, H S Tittle Co; alterations.

7223 La Playa and Cabrillo; owner and contractor, Whitney Bros; service; motors.

7224 La Playa and Cabrillo; owner and contractor, Whitney Bros;

7225 1066 Point Lobos; owner and contractor, Whitney Bros; 3 switches; 18 plugs.

7226 N Harrison 139 E 3rd St; owner, Ahard; contractor, B J Doherty;

7227 W 4th St 80 N Brannan; owner, Ahard; contractor, B J Doherty;

7228 1059 Market; owner, Benatar's; contractor, Weber & Conroy; alterations.

7229 348 2nd Ave; owner, Salsburg; contractor, Weber & Conroy; 6 outlets; 7 switches; 4 plugs; service.

7230 185 9th St; owner, L Barrett; contractor, MacCabe Electric Co; 10 outlets; 6 switches; 12 plugs.

7231-54 Various locations and owners; contractor, Apex Electric Co; signs.

7255 2660 San Bruno Ave; owner, Hopper; contractor, Galvin Bros; 91 outlets; 9 switches; 75 plugs.

7256 961 Market; owner, Jewelry Store; contractor, Casey; 2 outlets.

7257 560 Mission; owner, Burns; contractor, Casey; 2 outlets.

7258 500 Sansome; owner, Graphic Arts; contractor, Buzzell Electric; motors.

7259 656 Sacramento; owner, Goldstone Bros; contractor, Buzzell Electric; motors.

7260 415 Bush; owner, Wall St Journal; contractor, Buzzell Electric; service; motors.

7261-63 Various locations and owners; contractor, Electric Products Corp; signs.

7264 307 Sutter St; owner, Coret; contractor, Cimino Electric Co; 2 outlets.

OAKLAND

34533 1425 Broadway; owner, Royal Shoe Case Co; contractor, W B Baker Co; fixtures; alterations.

34534 7101 Spencer Street; owner, Walker; contractor, Johnston Elec Co; outlets; switches; fixtures; pl.

34535 1333 84th Avenue; owner, Walker; contractor, Johnston Elec Co; outlets; switches; fixtures; pl.

34536 960 71st Avenue; owner, Walker; contractor, Johnston Elec Co; outlets; fixtures.

34537 1133 90th Avenue; owner, Walker; contractor, Johnston Elec Co; outlets; switches; fixtures; pl.

34538 3901 E 14th St; owner, Anderson Motor Co; contractor, Collins Electric Co; outlets; switches; fixtures; plugs.

34539 16th St. Depot; owner, Railway Express Agency; contractor, Spott Electrical Co; motors.

34540 6001 La Salle; owner, Kantor; contractor, Spott Elec Co; one outlet; alterations.

34541 1817 San Pablo Ave; owner, Drumm; contractor, Spott Electrical Co; sign.

34542 SE Athens and Market Sts; owner, General Petroleum; contractor, Shea Elec Co; alterations.

33543 201 Franklin Street; owner, Hunt Hatch Co; contractor, Shea El Co; alterations.

34544 5908 Ivanhoe Road; owner, Swope; contractor, Paramount Elec Co; range.

34535 2140 108th Avenue; owner, Schivley; contractor, Jas Anderson; outlets; switches; fixtures; plugs.

34536 2032 Broadway; owner, California Builders; contractor, C A Langlais; 20 outlets; 2 switches; 22 fixtures; 20 plugs.

34537 4000 Piedmont Ave; owner, Booth; contractor, C A Langlais; service; alterations.

34538 17th and Wood Sts; owner, L J Kruse; contractor, Clifford Elec Co; transformer.

34549 3400 Park Blvd; owner, Berkeley Renovating Co; contractor, Clifford Electric Co; outlets; plugs; switches.

34550 3925 Lyon St; owner, Fisher; contractor, Clifford Electric Co; outlets; switches; fixtures; plugs.

34551 3rd and Franklin; owner, Western Neon Corp; contractor, Clifford Elec Co; sign.

OFFICIAL PROPOSAL

Pro. No. 1702 One Thousand Ft. (1000 Ft.) of 6-Inch Duroline Pipe or Equal

NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512—16th Street, Oakland, California, until 5:30 P. M., Wednesday, January 16, 1946, and will at that hour be opened for furnishing ONE THOUSAND FT. (1000 FT.) OF 6-INCH DUROLINE PIPE OR EQUAL as per specifications.

Proposal No. 1702 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL READ,
Secretary.

Oakland, California,
January 4, 1946.
(Daily Pacific Builder)
(Jan. 7, 1946)

Pro. No. 1703 Two (2) Reduced Voltage Magnetic Starters

NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512—16th Street, Oakland, California, until 5:30 P. M., Wednesday, January 16, 1946, and will at that hour be opened for furnishing TWO (2) REDUCED VOLTAGE MAGNETIC STARTERS as per specifications.

Proposal No. 1703 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL READ,
Secretary.

Oakland, California,
January 4, 1946.
(Daily Pacific Builder)
(Jan. 7, 1946)

Classified Advertising

WANTED

Exper. FOREMAN for Const. of STORES and OFFICES in San Francisco. Reply Box 17, c/o Daily Pacific Builder.

BLDG. CONSTR. SUPT. State experience and references. Reply Box 16 c/o Daily Pacific Builder. (1/4-7-8-9-10/45)

ARCHITECTURAL DRAFTSMAN wanted. Experienced. Conrich, 593 Market St., Room 226. SU. 6315 or SK. 8875. to Jan. 15, 1946

ARCHITECT wants HIGH School Graduate. Excellent opportunity to learn Architecture. State qualifications and salary expected. Reply Box 13, c/o Daily Pacific Builder. (Jan. 3, 4, 5, 1946)

EMPLOYMENT SERVICE

For further information regarding positions listed under this classification address Newton D. Cook, Manager, Engineering Societies' Personnel Service, 57 Post St., San Francisco.

DRAFTSMEN, structl. and archtl., for commercial and industrial buildings. Salary open. San Francisco. S-488 Newton D. Cook, 57 Post St., San Francisco.

STRUCTL. DESIGNER, exper. on heavy steel and concrete. Long job. Salary $2.00-$2.60 hour; 40 hour week. East Bay. S-381. Newton D. Cook, 57 Post St., San Francisco.

MECHL. DRAFTSMAN, exper. on conveyor layout and details. Salary $300-$350 month. San Francisco. S-487. Newton D. Cook, 57 Post St., San Francisco.

(1) PROJECT ARCHITECT, with at least 8 yrs. exper., for housing projects, office bldgs., etc.; sal. open. Caracas, Venezuela; (2) Resident Engineer, with earth dam exper. Single status, 12-18 months. Sal. $400-$500 mo. and living allowance. Venezuela. (3) Office Engineer, with exper. to assist Chief Constr. Engr. on water supply project. Terms same as (2). (4) Chief Draftsman to plan and direct preparation of contract drawings for hydro-electric project. Salary open; 2-year contract. Colombia. S-492. Newton D. Cook, 57 Post St., San Francisco.

STRUCTURAL DESIGNER, exper. on heavy steel and concrete. Long job. Salary $2-$2.60 hr., 40 hours' work. East Bay. S-381. Newton D. Cook, 57 Post St., San Francisco.

JR. ENGR., pref. civil, with construction exper. and able to type, for editorial work. Salary $200 month. San Francisco. S-484. Newton D. Cook, 57 Post St., San Francisco.

PRODUCTION SUPT. or Asst. with exper. making rock wool. Cood salary and bonus for right man. Apply by letter. East Bay. S-493. Newton D. Cook, 57 Post St., San Francisco.

ARCHTL. & MECHL. DRAFTSMAN for commercial bldgs. Permanent. Salary open. Oakland. S-478. Newton D. Cook, 57 Post St., San Francisco.

DESIGNERS, structural or achitectural, for industrial bldgs. Some detailing. Salary open. Northern California. S-427. Newton D. Cook, 57 Post St., San Francisco.

SALESMAN, exper. on builders' hardware, for established line. Permanent. Salary open. San Francisco. S-429. Newton D. Cook, 57 Post St., San Francisco.

Bid Opening Schedule

BUILDING CONSTRUCTION

Bid Opening Date	Project	Location of Project	Noted in Issue
1- 5	Alter Bldg. (Cont. Baking)	San Francisco	12-28
1- 5	Alter Hotel (John Quigley)	San Francisco	12-28
1- 5	Isolation Ward (County)	Auburn	1- 3
1- 7	Addition to Plant (City)	Pittsburg	12-13
1- 7	Move Homes (State)	Seattle, Wash.	1- 2
1- 7	Sell Building (City)	Oroville	1- 4
1- 8	Airport Tower (Navy)	Port Angeles, Wash.	1- 2
1- 8	School Building (Dist.)	Yuba County	12-12
1- 8	School Building (Dist.)	Hayward	12-26
1- 9	Install Acoustical Tile (City)	San Francisco	12-26
1- 9	Alter Room (City)	San Francisco	12-17
1- 8	Club Building (YMCA)	Whittier	12-19
1- 8	Transmission Line (Coos Elec.)	Coquille, Ore.	1- 3
1- 9	Repair Gates (City)	San Francisco	12-20
1- 9	Marquee (Govt.)	Berkeley	12-20
1- 9	Roofing (Govt.)	Berkeley	12-20
1- 9	Wire Mesh Partitions (Govt.)	Santa Monica	12-27
1-10	Cannery (Beechnut Pkg.)	San Jose	12-28
1-10	Fencing (Dist.)	Fresno	12-28
1-11	School Bldg. (Dist.)	Concord	12-28
1-11	Alter Bldg. (State)	San Francisco	12-28
1-11	Move Dwellings, Etc. (Calif. Polytechnic)	near San Luis Obispo	12-26
1-11	Addition to School (Dist.)	San Bruno	12-20
1-11	County Hospital (County)	Thompson Falls, Mont.	1- 2
1-11	Remodel Store (Hale Bros.)	San Francisco	1- 2
1-11	Alter Administration Bldg. (State)	San Francisco	1- 2
1-11	Garage (Tamalpais Sales)	Mill Valley	1- 3
1-11	Storage Shed (Navy)	Terminal Island	1- 3
1-11	Storage Building (Navy)	Terminal Island	1- 3
1-11	Alter Hotel (John Quigley)	San Francisco	1- 4
1-14	School Building (Dist.)	Chula Vista	12-19
1-14	Buildings and Services (Navy)	Mare Island	12-19
1-14	Construct Bldgs., Etc. (Navy)	Mare Island	12-20
1-14	Jail and Radio Substation (Co.)	Blythe	12-26
1-14	Market (Johnson & Lenci)	Mill Valley	1- 4
1-14	Garage Tamalpais Sales)	Mill Valley	1- 4
1-15	Chapel and Recreation Bldg. (Private)	Tujunga	12-20
1-15	Prefabricated Houses, Etc. (Govt.)	Davis Dam Project	12- 4
1-15	School Building (Dist.)	Montebello	12-26
1-15	Comfort Station (State)	Santa Maria	12-27
1-15	Boiler Room Addition (Navy)	Los Alamitos	1- 3
1-16	Electric Distribution Line (Big Horn Elec.)	Lodge Grass, Mont.	1- 3
1-18	Painting (FWA)	Las Vegas, Nev.	1- 4
1-19	Interior Painting (FWA)	San Francisco	12-28
1-20	Stoker (FWA)	Ellensburg, Wash.	12-28
1-21	Painting (FWA)	Marysville	12-28
1-21	Painting (FWA)	Claremont	1- 4
1-22	Fire Station (Co.)	Altadena	12-26
1-22	Painting (FWA)	Pasadena	1- 4
1-25	Warehouse (Dist.)	Richmond	1- 4
2-26	Hospital Bldg. (Vets' Admin.)	Grand Junction, Colo.	1- 4
1-28	School Building (Dist.)	Dos Palos	1- 3
1-28	Sell Mill (Govt.)	Salinas	1- 3
1-29	Ward Buildings (State)	Stockton	1- 3
1-29	Wire Mesh Partitions (Govt.)	Honolulu, T. H.	12-26
1-31	Grain Elevator (Tulana Farms)	Worden, Ore.	12-27

MISCELLANEOUS SUPPLIES AND MATERIALS

1- 4	Sale Wood Patterns, Etc. (Surplus Prop. Div.)	San Francisco	12-26
1- 7	Sale Rubber Hose, Etc. (Surplus Prop. Div.)	San Francisco	12-26
1- 8	Sale Lumber, Etc. (Navy)	San Francisco	12-27
1- 8	Diesel Engine (City)	St. George, Utah	1- 2
1- 8	Outboard Motor (Govt.)	Redding	1- 3
1- 8	Sketchmaster (Govt.)	Yreka	1- 3
1- 9	Hotel Range (Govt.)	Yreka	1- 3
1- 9	Pulleys (Govt.)	Salinas	1- 3
1- 9	Sale Zinc Dross (Navy)	San Francisco	12-27
1- 9	Sale Ferrous Metal, Etc. (Navy)	San Francisco	12-27
1- 9	Electric Starter (Dist.)	Oakland	12-28
1-10	Fuel Oil (Dist.)	Sebastopol	12-28
1-10	Oil Circuit Breaker (Dist.)	Alameda	12-28
1-10	Sale Lumber, Etc. (Navy)	San Francisco	12-27
1-11	Teletype Equipment (City)	San Francisco	1- 2
1-11	Brake Blocks (City)	San Francisco	1- 2
1-11	Steel Shims (City)	San Francisco	1- 2
1-11	Stoves (Govt.)	Yreka	1- 3
1-11	Sell Bath (Govt.)	San Francisco	1- 4
1-14	Armature, Etc. (City)	San Francisco	1- 3
1-14	Steel Track Special (City and County)	San Francisco	12-27
1-16	Magnetic Starters (Dist.)	Oakland	1- 4
1-16	Seamless Pipe (Dist.)	Oakland	1- 4
1-17	Flashlights, Etc. (Govt.)	San Francisco	1- 3
1-22	Transformers, Etc. (Dist.)	El Centro	1- 4
1-23	Transformers, Etc. (Govt.)	Shoshone Project	12-18
2- 1	Oil Circuit Breakers, Etc. (Govt.)	Redding, Etc.	1- 3

STREETS, ROADS AND HIGHWAYS

1- 9	Improve Street (City)	San Francisco	12-20
1- 7	Improve 29th Ave. (City)	San Mateo	1- 3
1- 8	Grading Lots (City)	San Francisco	12-26
1- 8	Improve Roads (State)	Washington State	12-26
1- 9	Improve Street (City)	San Francisco	12-20
1- 9	Repair Highways (State)	Sonoma and Marin Counties	12-11
1- 9	Repair Highways (State)	Monterey County	12-11
1- 9	Concrete Steps, Etc. (City)	Berkeley	12-27
1-10	Fencing (Dist.)	Fresno	12-26
1-15	Relocate Buildings (State)	Seaside	1- 3
1-15	Construct Road (State)	Siskiyou County	12-14
1-16	Grading and Surfacing (State)	Tehama County	12-18
1-16	Grading and Surfacing (State)	Kings County	12-18
1-16	Grading and Surfacing (State)	San Joaquin County	12-18
1-16	Grading and Surfacing (State)	Colusa County	12-18
1-18	Improve 58th St. (City)	Sacramento	1- 3
1-22	Improve Park (Co.)	Bell Gardens	12-26
1-22	Improve Park (Co.)	Los Angeles County	12-26
1-23	Repair Road (State)	Solano County	12-26
1-17	Construct Streets, Etc. (Govt.)	Davis Dam Project	12-10

BRIDGES — TUNNELS — HARBOR WORKS EXCAVATIONS

1- 7	Bridges, Etc. (State)	Portland, Ore.	10-30
1- 8	Remove Portion of Bridge (State)	Sacramento	12-27
1- 9	Replace Piles (City)	San Francisco	1- 3
1-16	Overcrossing (State)	San Mateo County	12-18
1-16	Five Bridges (State)	Tehama County	12-18
1-23	Steel Beam Span Bridge (State)	San Joaquin County	12-26
2- 2	Friant-Kern Canal (Reclamation Bureau)	Friant	1- 4

MACHINERY AND EQUIPMENT

1- 7	Road Machinery County)	Riverside	12-19
1- 7	Two School Busses (City)	Modesto	1- 3
1-10	Bulkhead Gate (Govt.)	Central Valley Project	12- 5
1-14	Adjustable Weir, Etc. (Govt.)	Denver, Colo.	12-11
1-14	Motor-Driven Vertical Shaft (Govt.)	Milk River Project	12- 5
1-14	Gate Hoist (Govt.)	Tucumcari Project	12- 5
1-14	Sell Minesweepers (Gen. Engineering)	Alameda	1- 4
1-15	Street Cars (City)	San Francisco	12-28
2-15	Regulating Gates (Reclamation Bureau)	Redding	1- 3
1-17	Crane (Govt.)	Keswick	12-28
1-18	Steel Partitions (Reclamation Bureau)	Earp	1- 4
2-18	Bulkhead Gate (Reclamation Bureau)	Odair, Wash.	1- 4
1-21	Transformers, Etc. (Govt.)	Denver, Colo.	12-18
1-22	Circuit Breakers, Etc. (Govt.)	Davis Dam	12-18
1-25	Ventilating Equipment, Etc. (Govt.)	Boulder Canyon	12-18
1-25	Motor Coaches (City)	San Francisco	12-27
1-28	Steam Turbine (City)	Pasadena	12- 5
2- 5	Furnish Pumps (Govt.)	Columbia Basin Project, Wash.	12-20

WATERWORKS — PIPELINES — DAMS — TANKS

1- 8	Install Water Mains (City)	San Francisco	12-26
1-10	Water Main (County)	San Mateo County	1- 3
1-11	Water Piping (Govt.)	Twin Falls	12-27
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PLANS and Speculations

Take it as it comes: A speed-up in SAN FRANCISCO'S $177,000,000 postwar program appears likely. Mayor Lapham said he will give the program special attention in his annual message to the Board of Supervisors. . The McEnerney Memorial Law Library is to be constructed on the BERKELEY Campus of the University of California as a memorial to the late Garret W. McEnerney. The building, to be constructed at Bancroft Way and College Avenue, will be an adjunct of the proposed new home for the School of Jurisprudence, for which Regents have asked an appropriation of $900,000 from the State.

oOo

City Engineer Walter F. Frickstad of OAKLAND has begun a survey of the area of Beau Forest Drive and Valley View Road, where residents have requested sewer facilities for their properties.

oOo

It will take $1,140,000 to complete Junipera Serra Blvd. from Sneath Lane, San Bruno, to the limits of the district at North Burlingame, according to Supervisor Tom Hickey, President of Joint Highway District No. 10. The project is eligible for federal funds on a matching basis.

oOo

Plans for an exclusive subdivision in ATHERTON were disclosed recently with transfer of 55 acres of the William Herbst estate, represented by California Pacific Title Insurance Co., to Fred Baldocchi, San Francisco financier and realty developer, for an indicated price of $300,000. Baldocchi contemplates development of the property, located west of El Camino Real and bounded by Almendral and Stockbridge Avenues, into one-acre parcels with homes ranging in price from $25,000 to $30,000. Improvements—sewer lines, etc., are now being installed. . Ten acres of HILLSBOROUGH property on Forest View Road were sold by W. P. Fuller Brawner to Lloyd Simpson, peninsula builder-developer, and Wm. D. Dickie, San Francisco financier, for $80,000 for contemplated development of half-acre homesites.

oOo

Parking—underground, or on the roof. Construction of underground municipal garages on city property, or the granting of applications for permits to construct private underground garages, was suggested by presiding Judge Twain W. Michelson in a letter to Mayor Lapham of San Francisco. . . . Senator Raldolph Collier, chairman of a joint legislative fact-finding highway committee has suggested to a legislative committee, that hotels be built so that automobiles can park on the roof . . or shall we leave the "old bus" at home.

Equip. License Applications Must Be Filed by Jan. 15

Construction Equipment Licenses now call for a service charge of only $3.00, including license plates, but 1946 applications for the necessary license plates included in the charge must be filed before January 15, 1946.

The AGC Chapters through joint legislative effort at the last session of the State Legislature secured passage of A.B. 2078 exempting construction equipment of all kinds from the California Motor Vehicle Act. Previously such equipment moving over the highways was paying exorbitant fees, sometimes running into hundreds of dollars on one machine, and a great saving to the contractors has been effected. The new bill became effective on Sept. 15, 1945. Get your application in to the local office of the State Department of Motor Vehicles where a special form now printed will be found available. It is not necessary to register the weight. The $3.00 fee entitles a contractor to the proper license with plates to be affixed to the machine.

V

Last Rites For Wm. Rockingham

Funeral services for Wm. Henry Rockingham, 57, principal mechanical and electrical engineer in the State Architect's office, were held yesterday morning at Sacramento.

Mr. Rockingham, who entered the employ of the State in 1915 and had served continuously since that time in the State Architect's office, died suddenly last Saturday morning, apparently from a heart attack.

He is survived by his widow and two daughters.

V

Central Chapter AGC Elects Two New Member Firms

At their regular monthly meeting the Board of Directors of the Central California Chapter of the Associated General Contractors of America, Inc., elected the following firms to regular membership:

J. H. Fitzmaurice, 2857 Hannah St., Oakland, HIgate 2490. Fitzmaurice has been in the contracting business in the East Bay since 1922. His firm specializes in concrete building construction and paving. During the 23 years that has transpired since he went into business, Fitzmaurice has built many of the large concrete structures, both commercial and government, in Alameda and Contra Costa counties. The business of this firm amounts to more than $500,000 a year.

Nat Lena, 1174 19th St., Oakland, HIgate 2630, has become a member of the Central California Chapter, having been elected at the last meeting of the Board of Directors. Concrete construction of commercial buildings on a large scale has been Nat Lena's specialty for many years. His firm has also hanlded some large state and municipal concrete buildings; also street and paving contracts incidental to the buildings. Nat Lena has operated in the East Bay Area for many years.

V

UC EXTENSION CLASSES BEGIN NEXT WEEK

Business Administration, Engineering, and Economic classes are among those offered by University of California Extension beginning next week in the San Francisco center, 540 Powell Street. On Monday, January 14, "Personnel Administration" meets at 7 p. m., and "Labor Economics, part B," at 6:30.

Meeting on Wednesday, 7 p. m., are "Industrial Procurement," "Auditing", "Business Law", and "Labor Economics, part A." On Thursday, at 7:30 p. m., a class begins in "Power Plant Operation."

Information about these and other classes may be obtained at the above San Francisco address.

V

ARCHITECT MOVES OFFICE

Architect Philip D. Tomasello has announced removal of his office in the Phelan Building to 605 Washington Street, corner of Montgomery Street. The telephone number is SUtter 9046.

US Government Vs. State of Calif. Re. Ocean Bed

The suit of the United States Government to establish ownership of the ocean bed off the coast of California, brought in the Supreme Court at Washington and directed against this State and its people, is of such far-reaching importance as to inspire probable action by the State Legislature at the special session which convened yesterday.

Speaker of the Assembly Chas. W. Lyon has been in consultation with legislative leaders and action in two phases of the matter is indicated in a recent recommendation by the Joint Legislative Budget Committee.

According to Lyon, the first would be an act to delimit the seaward boundaries of the state, this being among the powers reserved to the states by the Constitution and by international law; the second would be a joint resolution to ask permission for the Legislature to intervene in the suit as a friend of the court, file separate briefs and appear by counsel from its own membership.

"Should the court rule in favor of the United States Government in this suit, it would sharply limit the law giving powers of the Legislature and repeal by decree many existing state laws," said Speaker Lyon.

"It would so limit the state and county power of taxation as to deprive the people of the benefit of any taxation on oil production should the scene of operations shift from the land to the ocean bed in future exploration for petroleum. It would virtually change the status of California from a maritime to an inland state with no control over the water lying off its shores, even to their protection from pollution in the interest of the health of the people.

"Clearly the Legislature should do everything within its power to give aid in opposing this remarkable suit which at this late date challenges rights freely exercised by the state government of California over a period of 96 years," Lyon stated.

V

NEW APPOINTMENTS

New appointments of the official staff of Calaveras Cement Company have been announced by H. C. Maginn, Vice President and Chairman of the Operating Committee. Wm. P. Schwipdt has been named Assistant Vice President and Sales Manager, A. A. Hoffman, Consulting Engineer, Lewis A. Parsons, Consulting Technologist, and M. J. London, Traffic Manager.

GROOVER AND I

HON. EDWIN C. JOHNSON

In the Rockies the stars glisten whitely in the thin air high above the Arapahoes—a man grows into the full stature of American Citizenship. I refer to **Honorable Edwin C. Johnson, Democrat, Senior U. S. Senator from Colorado.**

★ ★ ★

The next session of Congress will hotly debate a loan of about 4.5 billion dollars to Great Britain. Your banker would laugh at you if you asked for a loan under the same terms and conditions, even though you put up 100% U. S. currency as security. The loan has built-in escape clauses, permitting non-payment without default.

★ ★ ★

Senator Johnson will propose that the Treasury Department put on a special bond drive for this loan—guaranteeing the buyers of the bonds no more than England pays—if and when.

★ ★ ★

The success of this drive would be a direct referendum by the people and might set the pattern for about 15 billion dollars of other loans now cooking.

★ ★ ★

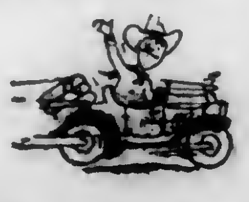
This is not anti-British. It is pro-American. The time has come when more attention should be given to blank checks the taxpayers are asked to sign.

★ ★ ★

The idea is unique in that it asks the Administration, the State Department, and the Treasury Department to be honest with the American People regarding one of these international "loan" deals.

★ ★ ★

This country needs a few more Senators with Johnson's sense of obligation and duty to the People of this Republic . . . about 95 more such Senators!



V

WAGE ADJUSTMENTS

The Wage Adjustment Board during the month has granted the following increases in the Building Trades Crafts of California:

Alameda and Contra Costa Cos.: Plasterers granted an increase from $1.83-1/3 to $2.00 per hour.

Los Angeles: Asbestos Workers granted an increase from $1.50 to $1.75 per hour.

San Francisco Bay Area: Tile Setters granted an increase from $1.50 to $1.80 per hour.

Los Angeles: House Movers granted an increase from $1.50 to $1.87½ per hour.

Los Angeles: Glass Workers granted an increase from $1.25 to $1.35 per hour.

San Bernardino: Electricians granted an increase from $1.50 to $1.70 per hour.

Bricklayers for the Counties of San Francisco, Alameda, Contra Costa, Lake, Napa, Solano, Sonoma, Marin and San Mateo, have been granted a wage increase from $1.875 to $2.06.

V

Horse sense is what keeps a horse from betting on the human race.

Federal Housing Expediter Action Urged in Building Material Bottleneck

L. C. Hart, President of the Producers' Council, national organization of building product manufacturers, has urged Wilson C. Wyatt, Federal Housing Expediter, to confer promptly with manufacturers of scarce building materials and equipment for the purpose of removing bottlenecks which threaten to restrict the number of new housing units which can be built this year.

"Manufacturers of millwork, enameled ware plumbing fixtures, and warm air, hot water, and steam heating equipment are experiencing manpower, raw materials, or pricing problems which are holding down production," Hart said in a letter to Wyatt. "A recent survey conducted by the Producers' Council indicates that the supply of other essential building products should be sufficient to meet all probable housing requirements this year, but suitable homes can not be built in quantity unless the currently scarce products also become available.

"Merely issuing priorities to builders of low-cost housing will not guarantee a sufficient supply of these critical products, because there will not be enough to fill priorities unles prompt action is taken.

"These production problems can be solved only by government assistance and, unless solutions are found in the immediate future, it will be difficult to construct the 400,000 new dwelling units which have been predicted for this year by government economists, let alone build the 500,000 or more units which the industry has been asked to complete.

"The need for new housing is so great that special attention must be directed to this problem at the earliest possible date. We are certain that manufacturers of the building products in question will welcome an opportunity to meet with you in Washington to discuss methods of removing the obstacles to production.

New Director Appointed For NRE Foundation

Announcement of the appointment of Henry E. Price, a Washington attorney, as Executive Director and Counsel of the National Real Estate Foundation, was made by Arthur W. Binns, President of the Foundation.

Price, who has just been released as a lieutenant from the U. S. Navy, will have the responsibility of perfecting the Foundation's machinery for studying taxation and other problems affecting property owners, particularly small home owners. He will also supervise the organization of Home and Property Owners of America, a division of the Foundation.

In taking over the job of directing the affairs of the Real Estate Foundation, Price is returning to a field in which he has had many years of experience.

A native of Georgia, he was graduated at Emory University and later at the George Washington Law School, Washington, D. C. He is a member of the bar of Washington, D. C., and Chicago.

Before receiving his commission in the Navy, Price had served five years with the RFC and the RFC Mortgage Company and the next seven years with the National Association of Real Estate Boards. His service with the National Association of Real Estate Boards included that of Executive Secretary of several of its affiliates, among them the National Institute of Real Estate Brokers, Home Builders Institute of America and the Society of Industrial Realtors.

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BUILDING SECTION

NEWS INDEX

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4— FACTORIES AND WAREHOUSES

January 8, 1946

BIDS OPENED
PLANT
SACRAMENTO, Calif. 21st and "J" Streets.
Construction of one-story building.
Owner—Ravensaw Tool Company.
Architects—Adams & Doggart, 2789 Riverside Blvd., Sacramento.
Low Bidder—H. W. Robertson, 2917 T St., Sacramento, $15,887.
Other bidders were:
Otto Steinbrenner, $16,800.
Lawrence Constr. Co., $16,846.
Chas. F. Unger, $17,520. * * 4

January 8, 1946

PLANS BEING FIGURED—BIDS OPEN JANUARY 12, 3 P. M.
MECHANICAL WORK
SAN JOSE, Santa Clara Co., Calif. Cor. Phelan Ave. and Senter Rd.
All mechanical work for the construction of a reinforced concrete fruit and vegetable cannery, consisting of a main manufacturing building, a boiler house, finished stock warehouse and cold storage unit. The mechanical work will include heating, plumbing, wiring, fire protection and powerhouse equipment.
Owner—Beechnut Packing Co., Canajohare, N. Y.
Architects—Binder & Curtis, 35 W. San Carlos St., San Francisco.

As reported elsewhere in this issue of the BUILDER, bids for the general construction are being received January 12, 3 P. M. * 4

January 8, 1946

WORK STARTED
FACTORY Bldg. Cost, $40,000
SAN JOSE, Santa Clara Co., Calif.
One-story Aqua Foam factory building (88x100-ft.) of stud and cement plaster construction, wood trusses, built-up roof, etc.
Owner—Fire Appliance Corporation.
Architect—Higgins & Root, Security Bldg., San Jose.
Contractor—W. W. Hartell, 863 South 10th St., San Jose. * * 4

January 8, 1946

CONTRACT AWARDED
RIVERSIDE, Calif.—L. P. Scherer and T. C. Prichard, 3964 Orange St., Riverside, submitted the low bid for a reinforced concrete factory building to be built on Kansas Ave., between Massachusetts Ave. and Roberta Sts., Riverside, for the Colonial Radio Corp., Buffalo, N. Y., a subsidiary of Sylvania Electric Products, Inc. The building will cover an area 150x180 ft. and will have concrete walls and floor, to contain 50,000 sq. ft. of floor space. Plans were prepared by Engineers Bowen, Rowe, Rule & Bowen, 2835 Gilroy St., Los Angeles. 4

January 8, 1946

CONTRACT AWARDED
LOS ANGELES, Calif.—Steed Bros., 714 Date Ave., Alhambra, have the contract for the construction of an addition to a factory building at 5700 E. Olympic Blvd., Los Angeles, for the Willard Storage Battery Co. It will cover an area 108x262 feet; steel frame and truss construction; estimated cost, $120,000. Plans are being completed by M. J. Gabrielsen, structural engineer, 6362 Hollywood Blvd., Los Angeles. 4

January 8, 1946

SUB-CONTRACTS AWARDED
WAREHOUSE Cost, $46,500
BELMONT, San Mateo Co., Calif. Old County Rd. and Harbor Blvd.
Construction of warehouse and office building.
Owner and builder—Daley Bros., 426 Bryant St., San Francisco.
Plans by owner.
Roofing—J. W. Bender Roofing & Paving Co., 1999 Bryant St., San Francisco.
Plumbing and Heating—Harry Lee, 216 California Dr., Burlingame.
Electric Wiring—Central Electric Co., 610 3rd St., San Francisco.
Sheet Metal—J. A. Gaffigan Heating Co., 315 9th St., San Mateo.
Glass—W. P. Fuller Co., 201 Mission St., San Francisco.
Mill Work—Brannan St. Planing Mill, 560 Brannan St., San Francisco.
Hardware—Marshall-Newell Supply Co., Spear and Mission Sts., San Francisco.
Concrete—H. E. Casey Co., 835 Woodside Way, San Mateo. 4

January 8, 1946

PLANS BEING FIGURED—BIDS OPEN JANUARY 8, 3 P. M.
CANNERY Cost, $1,000,000
SAN JOSE, Santa Clara Co., Calif. Cor. Phelan Ave. and Senter Rd.
General construction of a reinforced concrete fruit and vegetable cannery on 23-acre site, consisting of main manufacturing building, a boiler house, finished stock warehouse and cold storage unit.
Owner—Beechnut Packing Co., Canajohare, N. Y.
Architects—Binder & Curtis, 35 W. San Carlos St., an Francisco.

The following contractors have been furnished with plans and specifications:

Earl W. Heple, 494 Delmas Ave., San Jose.
Carl N. Swenson Co., 355 Stockton Ave., San Jose.
A. Farnell Blair, 9 Main St., San Francisco.
McDonald, Young & Nelson, 127 Montgomery St., San Francisco.
Moore & Roberts, 693 Mission St., San Francisco.
Parker, Steffens & Pearce, 135 South Park, San Francisco.
Erbentraut & Summers, 446 Sixth St., San Francisco.
Bechtel Bros. & McCone, 220 Bush St., San Francisco.
Peter Kiewit Sons Co., 442 Post St., San Francisco.
M. & K. Corp., 200 Financial Center Bldg., San Francisco.
Barrett & Hilp, 918 Harrison St., San Francisco.
James I. Barnes Construction Co., 941 Russ Bldg., San Francisco.
Empire Construction Co., 344 Harriet St., San Francisco. * 4

7—FEDERAL BUILDINGS

January 8, 1946

BIDS REJECTED
LONG BEACH NAVAL HOSPITAL, Long Beach, Los Angeles, Calif.—All bids submitted August 14, 1945, have been rejected and the project cancelled by the U. S. Navy, Bureau of Yards and Docks, Washington, D. C., for the construction of a chapel building, welfare and conference buildings at the Long Beach Naval Hospital; Specification 15821, NOy 11517. Plans were prepared by Claude Beelman, architect; Herman Spackler, associate architect, 1019 Union Bank Bldg., Los Angeles.

Alco Construction Co., 5423 Flemish Village Lane, Los Angeles, submitted the low bid at $353,970. 7

13— PUBLIC BLDGS. FIRE HOUSES, JAILS

January 8, 1946

PLANNED
SAN BERNARDINO, San Bernardino Co., Calif.—Stockley & Bamford, engineering consultants, 124 W. 4th St., Los Angeles, are preparing working drawings for the construction of heating and laundry units and tunnel at the San Bernardino County Hospital, San Bernardino, for the County of San Bernardino. The work will include construction of new 1-story power house, 76x77 ft. in area, reinforced concrete, composition roof, steel sash, concrete floor; enlarging laundry work shop from 40x80 ft. in area to 40x170 ft. in area. 13

January 8, 1946

SUB-CONTRACT AWARDED
BOATHOUSE AND FACILITIES
Contract Price, $47,917
CARQUINEZ STRAITS, Vallejo, Solano Co., Calif. California Maritime Academy.
Construction of boat house and facilities consisting of covered dock for small craft, working space, sail loft and storage facilities of wood, wood frame construction on wood pile foundations.
Owner—State of California, Division of Architecture, Public Works Building, 1t2h and N Sts., Sacramento.
Plans by Anson Boyd, state architect Public Works Bldg., Sacramento.
Contractor—J. A. Bryant, 1815 Capitol St., Vallejo.
Pile Driving Only—M. B. McGowan, Inc., 625 Market St., San Francisco. * 13

14— RESIDENCES

January 8, 1946

PLANNED
RESIDENCES
Approximate Cost, $12,000 Each
LOS ANGELES, Calif. Corsica Dr.
Construction of six or more residences.
Owner and Builder—Peter N. Asci, 2201 Glencoe Ave., Venice (formerly of 49 Jason St., Pittsfield, Mass.).
Architect—Not Given.

The owner plans to build and sell upon completion. 14

15— SCHOOLS

January 8, 1946

BONDS VOTED
SCHOOL IMPROVEMENTS
SAN PABLO, Contra Costa Co., Cal.
Alterations and improvements to school buildings.
Owner—San Pablo Elementary Sch. District.
Architects—Dragon & Schmidts, 2068 Allston Way, Berkeley.

The school district voted bonds January 6 in the amount of $200,000 to finance construction of school improvements. * * 15

January 8, 1945

PLANNED
AUTOMOTIVE EQUIPMENT BLDG.
Cost, $100,000
OAKLAND, Alameda County, Calif. 26th St. between Broadway and Harrison.
Construction of building to have 300 ft. frontage.
Owner—Chanslor & Lyon, 29th and Webster Sts., Oakland.
Architect—Not announced. 16

January 8, 1946

CONTRACT AWARDED
UNIVERSITY OF SOUTHERN CALIFORNIA, Los Angeles, Calif.—P. J. Walker Co., 3900 Whiteside Ave., Los Angeles, has been awarded a contract for the construction of a 40-room temporary classroom building at 929-47 35th Place, Los Angeles, for the University of Southern California. The building will cover an area 116x284 feet and will be wood frame construction; estimated cost, $100,000. Plans are being completed by Architect C. Raimond Johnson, 6201 Rodgerton St., Los Angeles. 15

16— BANKS, STORES AND OFFICES

January 8, 1946

BIDS WANTED— TO BE OPENED JAN. 30, 3 P. M.
LABORATORY BLDG.
MOFFETT FIELD, Santa Clara Co., Calif. Ames Aeronautical Laboratory.
Construction of steel frame and concrete wall laboratory building to contain offices and maintenance shop for new supersonic wind tunnel.
Owner—National Advisory Committee for Aeronautics, Moffett Field
Plans by Engrg. Dept. of Owner. * * 16

January 8, 1946

PLANNED
STORE BUILDING Cost, $500,000
OAKLAND, Alameda County, Calif. Washington St. between 12th and 13th Sts.
Construction of class A building, two or three stories in height.
Owner—Lerner Stores Corp., 1205 Washington St.
Architect—Not announced. * 16

January 8, 1946

PROSPECTIVE BIDDERS
ALTER BUILDING
SAN FRANCISCO. York and Alameda Streets.
Alterations and additions to building.
Owner—Continental Baking Co., 1501 Bryant Street.
Architects—Bliss & Fairweather, 582 Market Street.

No definite bid opening date has been set.

Plans are being figured by the following contractors:

H. S Meinberger, 956 Folsom St., San Francisco.
Jacks & Irvine, 620 Market Street, San Francisco.
G. P. W. Jensen & Sons, Inc., 320 Market St., San Francisco.
M. & K. Corp., 200 Financial Center Bldg., San Francisco.
Russell A. Cullen, 478 Jackson St., San Francisco. * * 16

January 8, 1946

CONTRACT AWARDED
OFFICE BUILDING
Approximate cost, $120,000
SACRAMENTO, Cal. Foot of Broadway.
Construction of two-story, frame and stucco office building.
Owner—Associated Oil Co., 79 New Montgomery St., San Francisco.
Architect — Vincent G. Raney, 233 Post St., San Francisco.
Contractor—Markwart Co., Box 2104, Sacramento. * * 16

January 8, 1946

WORK STARTED
STORE BLDG. Cost, $30,000
SAN JOSE, Santa Clara Co., Calif. South First Street.
Construction of one-story concrete store building (30x100-ft.) with built-up composition roof.
Owner—Shulman Brothers.
Architect—Higgins & Root, Security Bldg., San Jose.
Contractor—E. A. Hathaway, 1275 Glen Eyrie Ave., San Jose. * * 16

January 8, 1946

PLANS BEING FIGURED— BIDS OPEN JAN. 12, 11 A. M.
STORE BLDG. Approx. Cost, $50,000
SAN JOSE, Santa Clara Co., Calif. South First Street.
Construction of one-story and part mezzanine concrete store building (90-ft. front, 160-ft. deep) concreet walls and floors, steel trusses, built-up roof, etc
Owner—Richard Hartman
Architect—Higgins & Root, Security Bldg., San Jose.

Following contractors are figuring plans:

Ernest A. Hathaway, 1275 Glen Eyrie Ave., San Jose.
Earl W. Heple, 494 Delmas Ave., San Jose.
Carl N. Swenson Co., 355 Stockton Ave., San Jose. * * 16

January 8, 1946

CONTRACT AWARDED
STORE BUILDING Cost, $8,500
SACRAMENTO, Sacramento County, Calif. Southwest corner Seventh and P Sts.
Construction of store building.
Owner — James Anastasiow, Sacramento.
Architect — Frederick S. Harrison, Elks' Bldg., Sacramento.
Contractor—C. P. Edwards, 2965 Del Paso Blvd., North Sacramento. 16

January 8, 1946

PRELIMINARY SKETCHES COMPLETED
ADDITION and ALTERATIONS to BLDG. Estimated Cost, $85,400
SACRAMENTO, Calif. Southeast corner Tenth and J Sts.
Additions and alterations to Merchandise Store Building.
Owners—Joe and Grace Shun, et al, 712 J St., Sacramento.
Architect — Frederick S. Harrison, Elks' Bldg., Sacramento.
Structural Engineer—Fred W. Kellberg, 5860 Heron Dr., San Francisco.
Contractor — C. J. Hopkinson, 1810 28th St., Sacramento.
Plumbing—Leonard V. Plummer, 1019 J St., Sacramento.
Heating and Ventilation—McLaughlin Sheet Metal Works, 1914 I St., Sacramento.
Brick Work—Harry Johnson, 818 26th St., Sacramento.
Terra Cotta — Gladding-McBean Co., Lincoln, Calif. 16

18—WHARVES & DOCKS

January 8, 1946

PREPARING PLANS
PIER EXTENSION Cost, $4,500,000
SAN FRANCISCO. China Basin.
Extension of present 600-ft. Pier 50 and additional 880 ft. to cover Mission Rock; extension diagonally of the south side of the pier 1100 ft., thus providing 1000 ft. sea frontage on outer side with berthing facilities for 8 vessels in all.
Owner—Board of State Harbor Commissioners, F. G. White, Chief Engineer, Ferry Bldg., San Francisco.
Plans prepared by Engr. Dept. of Owner.

Demolition work on Mission Rock is expected to be completed this week by Ocean Constructors, following which the rock itself will be filled in to provide a base of some 6 acres * * 18

19—MISC. CONSTRUCTION

January 8, 1946

FUNDS ALLOTTED
BUCKEYE, Maricopa Co., Ariz.—Rural Electrification Administrator Claude R. Wickard, Washington, D. C., has reported a loan allotment in the amount of $305,000 to the Ma-Yu Electric Cooperative, Inc., Buckeye, Ariz., for the construction of a transmission line in the Buckeye area. 19

January 8, 1946

FUNDS ALLOTTED
REDMOND, Ore.—Rural Electrification Administrator Claude R. Wickard, Washington, D. C., has reported a loan allotment in the amount of $75,000 to the Central Electric Cooperative, Inc., Richmond, Ore., for the construction of a transmission line in the Richmond area. 19

January 8, 1946

FUNDS ALLOTTED
HYSHAM, Mont.—Rural Electrification Administrator Claude R. Wickard, Washington, D. C., has reported a loan allotment in the amount of $55,000 to the Mid-Yellowstone Electric Cooperative, Inc., Hysham, Mont., for the construction of a transmission line in the Hysham area. 19

January 8, 1946

FUNDS ALLOTTED
HILLSBORO, N. M.—Rural Electrification Administrator Claude R. Wickard, Washington, D. C., has reported a loan allotment in the amount of $50,000 to the Sierra Electric Cooperative, Inc., Hillsboro, N. M., for the construction of a transmission line in the Hillsboro area. 19

January 8, 1946

FUNDS ALLOTTED
SPOKANE, Wash.—Rural Electrification Administrator Claude R. Wickard, Washington, D. C., has reported a loan allotment in the amount of $515,000 to the Inland Empire Rural Electric, Inc., Spokane, Wash., for the construction of transmission lines in the Spokane area. 19

January 8, 1946

FUNDS ALLOTTED
LIVINGSTON, Mont.—Rural Electrification Administrator Claude R. Wickard, Washington, D. C., has reported a loan allotment in the amount of $67,000 to the Park Electric Cooperative, Inc., Livingston, Mont., for the construction of transmission lines in the Livingston area. 19

January 8, 1946

CONTRACT AWARDED
THE DALLES, Wasco Co., Ore.—Electrical Construction Co., 1650 Center St., Tacoma, Wash., at $296,845, awarded a contract by the Wasco Electric Cooperative, Inc., Courthouse, The Dalles, Ore., for the construction of approximately 265 miles of power line in Wasco and Sherman counties. The work includes setting of approximately 5300 poles. Plans were prepared by Engineer Robert Welty, Port of The Dalles, Ore. 19

20— MISC. SUPPLIES AND MATERIALS

January 8, 1946

CONTRACT AWARDED
SAN FRANCISCO.—Devencenzi & Haskins, 440 Anza Street, awarded contract by M. H. Gerry, Purchaser of Supplies, under Bid No. 3438 for furnishing the rental of automotive equipment for the Park Dept. * 20

January 8, 1946

NOTICE OF SALE
SAN FRANCISCO.—Until January 17, 10 A. M., bids will be received by the officer in charge, Room 615, Navy Material Redistribution and Disposal Office, 785 Market St., San Francisco, under Sales Catalog No. B-235-46 for sale of 1796 canvas radio covers, located at U. S. Naval Advance Base Personnel Depot, San Bruno, Calif.

Plans and specifications obtainable from the above office. 20

January 8, 1946

NOTICE OF SALE
SAN FRANCISCO.—Until January 18, 10 A. M., bids will be received by the Navy Material Redistribution and Disposal Office, Room 615, 785 Market St., San Francisco, under Sales Catalog No. B-238-46 for (1) 12 electric switches, (2) 88 reflectors, located at 9th Ave. Pier, Oakland, Calif.

Plans and specifications obtainable at the above office. 20

January 8, 1946

NOTICE OF SALE
SAN FRANCISCO.—Until January 18, 10 A. M., bids will be received by the Navy Material Redistribution and Disposal Office, Room 615, 785 Market St., San Francisco, under Sales Catalog No. B-239-46 (usable material) for sale of one only gas engine motor generator set, located at Moffett Field, California.

Plans and specifications obtainable from the above office. 20

January 8, 1946

BIDS WANTED
SAN FRANCISCO.—Until January 18, 2 P. M., bids will be received by the U. S. Department of Agriculture, Forest Service, California Region, 447 Sansome St., San Francisco 11, under Bid No. 337 for radio repair parts, f.o.b. San Francisco.

Plans and specifications obtainable from the above office. * 20

January 8, 1946

BID OPENED
SACRAMENTO, Calif. — Fred W. Kolb, at $1189, submitted low bid to the City of Sacramento, City Hall, for furnishing remote control equipment for water tanks No. 1 and 2. 20

January 8, 1946

NOTICE OF SALE
SAN FRANCISCO.—Until January 16, 10 A. M., bids will be received by the officer in charge, Room 615, Navy Material Redistribution and Disposal Office, 785 Market St., San Francisco, under Sales Catalog No. B-232-46 for sale of 73 steel frame bunks, located at U. S. Naval Advance Base Personnel Depot, San Bruno, Calif.

Plans and specifications obtainable from the above office. 20

January 8, 1946

NOTICE OF SALE
SAN FRANCISCO.—Until January 17, 10 A. M., bids will be received by the officer in charge, Room 615, Navy Material Redistribution and disposal Office, 785 Market St., San Francisco, under Sales Catalog No. B-234-46 for the sale of the following material:
(1) 21,600 lbs. brass;
(2) 14,400 lbs. brass;
(3) 36,000 lbs. brass;
(4) 6000 lbs. zinc;
(5) 42,000 lbs. pure brass.
Located at Naval Ammunition Depot, Hawthorne, Nev.

Plans and specifications obtainable from the above office. 20

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Edgemont School Addn., San Bruno; Bids open January 11, 8 P. M.
Richard Delucchi & Co, 420 San Mateo Ave., San Bruno (San Bruno 974)
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Midstate Constr. Co., 1297 Bush St., San Francisco (ORdway 4638).
M. K. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).

Alter Bldg., Grant Ave. and Maiden Lane, S. F.; Bids open Jan. 11, 3 PM.
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616).
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
G. P. W. Jensen & Sons, Inc., 320 Market St., S. F. (GArfield 2444).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
H. H. Larsen Co., 64 South Park San Francisco (EXbrook 3190, 3191)

Alter Hotel Drake Wilshire, San Francisco; Bids open Jan. 11, 2:00 P. M.
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).
M. K. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).

Beechnut Packing Co., San Jose; Bids open about January 8.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
Moore & Roberts, 693 Mission St, San Francisco (GArfield 8579).
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Carl N. Swenson Co., 355 Stockton Ave., San Jose 4 (BAllard 2602).
A. Farnell Blair, 9 Main Street, San Francisco (YUkon 0390).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624).
Earl W. Heple, 494 Delmas Ave., San Jose (BAllard 7237).
Empire Constr. Co., Ltd., 344 Harriet St., S. F. (HEmlock 3400).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).

Alter Admin. Bldg., Golden Gate Bridge; Bids open January 11.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Midstate Constr. Co., 1297 Bush St., San Francisco (ORdway 4638).
Adam Arras & Son, 116 New Montgomery St., S. F. (GArfield 8381).
Empire Constr. Co., Ltd., 344 Harriet St., S. F. (HEmlock 3400).
H. H. Larsen Co., 64 South Park, San Francisco (EXbrook 3190, 3191)
R. A. Cullen, 478 Jackson Street, San Francisco (SUtter 1951).
Haas Constr. Co., 328 Marchants' Exchange Bldg., S. F. (EXbrook 1205).

Hayward Union High School Addn., Hayward; Bids open January 8, 5 P. M.
Close & Lewis, 721 "C" Street, Hayward (Hayward 270).
Wm. M. Greuner, Jr., 2727 Parker St., Berkeley (BErkeley 2877)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Rademann-Giusto, 40 Ringold Street San Francisco (MArket 8151).

Tamalpais Motor Sales Bldg., Mill Valley; Bids open Jan. 14, 4 P. M.
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).
M. K. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).

Prefabricated School Bldg., Williams Sch., Concord; Bids open Jan. 11, 4:30
Wm. M. Greuner, Jr., 2727 Parker St., Berkeley (BErkeley 2877)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Willis F. Lynn, 1040 Folger Ave., Berkeley (BErkeley 6044).

Bldgs., Services, Reserve Fleet Berthing, Mare Island; NOy 13295; Spec. 17459; Bids open January 14, 11 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).

Ward Bldgs., Stockton State Hosp., Stockton; Bids open Jan. 29, 2:00 P. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).

Market and Store Bldg., Mill Valley; Bids open January 14, 4 P. M.
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).
M. K. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).

Peninsula Ave. Overcrossing, San Mateo; Bids close Jan. 16, 2 P. M.
M. & K. Corp., 200 Financial Center Bldg., S. F. (Ebrook 7624).
Robt. McCarthy Co., 1050 Kirkham St., S. F. (OVerland 4050).

Danforth Building, Oakland; Bids open anuary 12.
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).

Alter Continental Bakery, York & Alameda, S. F.; Bid opening date not set
G. P. W. Jensen & Sons, 320 Market St., S. F. (GArfield 2444).
Jacks & Irvine, 620 Market Street, San Francisco (GArfield 2106).
R. A. Cullen, 478 Jackson Street, San Francisco (SUtter 1951).

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ADVANCE CONSTRUCTION REPORTS

January 8, 1946

NOTICE OF SALE

SAN FRANCISCO.—Until January 16, 10 A. M., bids will be received by the officer in charge, Room 615, Navy Material Redistribution and Disposal Office, 785 Market St., San Francisco, under Sales Catalog No. B-233-46 for the sale of one Bun divider with stand, located at Navay Material Redistribution Center, 2144 Clement Ave., Alameda, Calif.

Plans and specifications obtainable from the above office. 20

January 8, 1946

BIDS OPENED

SACRAMENTO, Calif. — Following submitted bids to the State Purchasing Agent, Sacramento, for materials as follows:

QUO. 10462; Req. 108-99:

Dahl Chevrolet Co., Chevrolet ½-ton pickup, $1032.17; ASAP.

International Harvester Co., Intl. K-2, 125-in. wheel base, $1031.59; ASAP.

GMC CC-101, $911.11; 120 days.

Doherty Bros., San Francisco, Ford 59-6 6.50x16 6-ply tires, $1060.86 deliv. Was awarded five at total of $5304.30; deliv. 90 days. • • 20

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Bridges 21
Dredging, Harbor Works and Excavation 22
Canals 23
Street Lighting System 24
Machinery and Equipment 25
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Reservoirs and Dams 30
Pipe Lines and Wells 31
Sewers and Sewage Disposal Plants 32
Waterworks 33
Parks and Playgrounds 34
Tunnels 35

21— BRIDGES

January 8, 1946

CONTRACT AWARDED

AUBURN, Placer Co., Calif.—H. W. Ruby, Northrup Ave., Sacramento, at $60,720, awarded contract by the State Division of Highways, C. H. Purcell, state director of public works, Public Works Bldg., Sacramento, for construction of a bridge and incidental grading work across East St. in the City of Auburn, Placer County. 6' 21

January 8, 1946

CONTRACT AWARDED

LOS ANGELES, Calif.—Byerts & Dunn, 1131 N. Orange Grove Ave., Los Angeles, at $128,290, awarded contract by the State Division of Highways, C. H. Purcell, state director of public works, for construction of reinforced concrete overcrossing on Santa Ana Parkway at 4th St., in the City of Los Angeles. • 21

January 8, 1946

CONTRACT AWARDED

AUBURN, Placer Co., Calif.—Wm. E. Thomas Construction Co., Box 624, Tustin, at $30,553, awarded contract by the State Division of Highways, C. H. Purcell, state director of public works, Public Works Bldg., Sacramento, for construction of a reinforced concrete undercrossing at Walsh St. in the City of Auburn, Placer County. • 21

January 8, 1946

CONTRACT AWARDED

HUMBOLDT COUNTY, Cal.—Mercer-Fraser Co., 2nd and Commercial Sts., Eureka, at $204,868.65, awarded contract by the State Division of Highways, C. H. Purcell, state director of public works, Public Works Bldg., Sacramento, for construction of a steel girder bridge and about 0.2 mile grading and surfacing of road approaches with plant-mix surfacing on imported base material at Mad River, Humboldt County. • 21

January 8, 1946

BIDS OPENED

SACRAMENTO, Calif. — Lord & Bishop, P. O. Box 812, Sacramento, Calif., at $600, submitted low bid to the City of Sacramento, City Hall, Sacramento, Calif.

Only other bidder was Holdener Construction Co., Sacramento, $1350. 21

January 8, 1946

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until February 7, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, state highway engineer, State Bldg., Los Angeles, for constructing a structural steel overhead crossing on Terminal Island Freeway over the tracks of the Union Pacific Railroad Co. in the City of Los Angeles.

This is a national defense ontract.

The work involves:

(1) 3700 cu. yds. structural excavation;
(2) 5960 cu. yds. class A portland cement concrete;
(3) 2,743,000 lbs. furnish structural steel;
(4) 2,743,000 lbs. erect structural steel;
(5) 53,950 lin. ft. furnish timber piles
(6) 1078 each drive timber piles;
(7) 3224 lin. ft. furnish steel piles;
(8) 52 each drive steel piles;
(9) 30 each pile splices;
(10) 1,024,000 lbs. furnish bar reinforcing steel;
(11) 1,024,000 lbs. place bar reinforcing steel;
(12) 2250 lin. ft. steel railing;
(13) electrical equipment;
(14) miscellaneous items of work.

Specifications obtainable from the State Highway Engineer, Public Works Bldg., Sacramento. • 21

23— CANALS

January 8, 1946

BIDS WANTED

CENTRAL VALLEY PROJECT, California.—Until February 5, 10 A. M. (previously reported incorrectly as February 2), bids will be received by the U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Friant, under Spec. 1148 for construction of earthwork, concrete lining and structures, station 301 plus 60 to station 1144 plus 00, and wasteway at station 298 plus 66, Friant-Kern Canal, Friant Division, Central Valley Project, California. The work is situated from 14 miles north to 15 miles east of Fresno, Calif.

The work involves:

Schedule No. 1

Little Dry Creek wasteway, station 298 plus 66, and Little Dry Creek siphon, station 301 plus 60 to station 311 plus 27.87.

(1) 24,500 cu. yds. excavation, rock, for structures;
(2) 18,000 cu. yds. backfill;
(3) 6420 cu. yds. concrete in structures;
(4) 3000 cu. yds. compacting backfill;
(5) 1000 cu. yds. excavation, common, for structures;
(6) 1,760,000 lbs. placing of reinforcing bars;
(7) 11,000 lbs. placing metal water stops in joints; and
(8) 115,000 lbs. installing gates and gate hoists.

Schedule No. 2

Earthwork, canal lining and structures, station 311 plus 27.87 to station 710 plus 00.

(9) 1,400,000 cu. yds. excavation, rock, for canal;
(10) 575,000 cu. yds. excavation, common, for canal;
(11) 83,500 cu. yds. compacting embankments;
(12) 83,000 cu. yds. excavation, common, for drainage channels and dikes;
(13) 70,000 cu. yds. excavation, rock, for drainage channels and dikes;
(14) 38,400 cu. yds. concrete in canal lining;
(15) 19,000 cta. cu. yds. overhaul;
(16) 10,500 cu. yds. excavation, common, for structures;
(17) 7000 cu. yds. backfill;
(18) 6500 cu. yds. excavation, rock, for structures;
(19) 6000 cu. yds. compacting backfill;
(20) 1470 cu. yds. concrete in structures;
(21) 2,200,000 lbs. placing reinforcement bars;
(22) 320,000 sq. yds. preparing rock foundations for concrete lining;
(23) 80,000 sq. yds. trimming earth foundations for concrete lining;
(24) 100 M ft. bm. erecting timber in structures.

Schedule No. 3

Earthwork, canal lining and structures, station 710 plus 00 to station 1144 plus 00.

(25) 840,000 cu. yds. excavation, common, for canal;
(26) 590,000 cu. yds .excavation, rock, for canal;
(27) 252,000 cu. yds. excavation, common, for drainage channels and dikes;
(28) 114,500 cu. yds. compacting embankments;
(29) 83,000 sta. cu. yds. overhaul;
(30) 38,200 cu. yds. concrete in canal lining;
(31) 15,500 cu. yds. excavation, rock, for drainage channels and dikes;
(32) 12,000 cu. yds. excavation, common, for structures;
(33) 6500 cu. yds. backfill;
(34) 5000 cu. yds. compacting backfill;
(35) 4825 cu. yds. concrete in structures;
(36) 4000 cu. yds. excavation, rock, for structures;
(37) 560 cu. yds. rock fill;
(38) 500 sq. yds. dry-rock paving;
(39) 2,900,000 lbs. placing reinforcing bars;
(40) 11,500 lbs. placing metal water stops in joints;
(41) 1330 sq. ft. elastic joint-filler material;
(42) 234,000 sq. yds. prepring rock foundations for concrete lining;
(43) 164,000 sq. yds. earth foundations for concrete lining;
(44) 2600 lbs. installing miscellaneous metal work;
(45) 22 cattle guards;
(46) 185 M ft. bm. erecting timber in structures.

The specifications contain a special provision for adjustments for increases in labor costs. No charge to prospective bidders for copies of the specifications and drawings; to others, $2.75 per copy, not returnable.

Work must be completed within 600 calendar days.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: R. L. Boke, regional director, Old Post Office Bldg., Sacramento, Calif.; R. K. Durant, acting construction engineer, Friant, Calif.; Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the construction engineer. • 23

25—MACHINERY AND EQUIPMENT

January 8, 1946

BIDS WANTED

SAN FRANCISCO.—Until January 9, 3 P. M., bids will be received at the office of the district engineer, John H. Skeggs, 2001 Van Ness Ave., San Francisco, for the rental of pneumatic-tired dump trucks of not less than 4 cubic yards level capacity for approximately 200 hours of work each in Marin, Napa and Sonoma counties.

Plans and specifications obtainable from the above office. • 25

January 8, 1946

BIDS WANTED

SAN FRANCISCO.—Until January 9, 3 P. M., bids will be received at the office of the district engineer, John H. Skeggs, 2001 Van Ness Ave., San Francisco, for rental of one (1) ½-cu. yd. capacity truck crane for use in San Mateo and other counties in District IV.

Plans and specifications obtainable from the above office. • 25

January 8, 1946

BIDS WANTED

SAN FRANCISCO.—Until January 9, 3 P. M., bids will be received at the office of the district engineer, John H. Skeggs, 2001 Van Ness Ave., San Francisco, for rental of one or two not less than 80 h.p. tractors for use in Sonoma County and other various locations in District IV.

Plans and specifications obtainable from the above office. • 25

January 8, 1946

BIDS WANTED

MENDOCINO COUNTY, Calif.—Until January 9, 2 P. M., bids will be received by G. F. Hellesoe, district engineer, District I, Department of Public Works, Division of Highways, 546 W. Wabash Ave., Eureka, Calif., for rental of one No. 12 diesel or gasoline powered extra heavy duty grader for use as needed for not to exceed 160 hours' work in Mendocino County.

Plans and specifications obtainable from the above office. • 25

January 8, 1946

BIDS WANTED

DENVER, Colo.—Until Feb 21, bids will be received by Walker R. Young, Chief Engineer, Bureau of Reclamation, Denver, under Spec. No. 1150 for furnishing and delivering fob cars at the shipping point or fob cars at Coram, Calif., at the option of the bidder, three motor-operated valve-drive mechanisms and accessores for operating three 57-in. butterfly valves now installed in the spillway section of the Shasta Dam. Kennett Division, Central Valley Project, Calif. The material will be installed by the Government. The specifications do not contain a provision for liquidated damages for delay.

No charge for copies of the specifications to prospective bona fide bidders; to others, $1.00, not returnable. For particulars address Bureau of Reclamation, Denver. • 25

January 8, 1946

BIDS WANTED

DENVER, Colo.—Until Feb. 18, bids will be received by Walker R. Young, Chief Engineer, Bureau of Reclamation, Denver, Colo., under Spec. No. 1149 for furnishing and delivering fob cars at the shipping point or fob cars at Earp, Calif., at the option of the bidder, the steel partition and housing for Parker Power Plant Parker Dam Power Project. Calif. The material will be installed by the Government. The specifications contain a provision for liquidated damages for delay.

No charge for copies of the specifications to prospective bona fide bidders; to others, $1.00, not returnable. For particulars address Bureau of Reclamation, Denver. • 25

27— TREASURY DEPT.

January 8, 1946

BIDS WANTED

SAN FRANCISCO.—Until January 21, 2 P. M., bids will be received by the U. S. Treasury Department, 30 Van Ness Ave., San Francisco, for materials as follows:

January 21, 2 P. M.

Inv. SF-2717-46: window shades, f.o.b. Salinas.

January 23, 2 P. M.

Inv. SF-2720-46: radio vacuum tubes, f.o.b. San Francisco.

Specifications obtainable from the above office. • 27

29— STREETS AND HIGHWAYS

January 8, 1946

CONTRACT AWARDED

MOFFETT FIELD Santa Clara Co. Calif.—Fredrickson & Watson Constr. Co. 873—81st Ave. Oakland at $86988 awarded contract by the Ames Aeronautical Laboratory Moffett Field for construction of concrete slab taxiway 75-ft. wide 14-in. thick, and approx. 835 ft. long, with 15-ft. wide shoulders on each side ,of penetration macadam and crusher run subbase at Moffett Field. • • 29

January 8, 1946

TOTAL BIDS

CHURCHILL COUNTY, Nev. — As previously reported, Silver State Construction Co., Fallon, Nev., at $189,734.39, submitted low bid and awarded contract by the directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, for construction of a portion of the state highway system in Churchill County, from a junction with U. S. 50, five miles west of Fallon, to a point approximately eight miles southeasterly on a portion of FAS Routes 506, 505 and 504, a length of approximately 6.589 miles.

Other bids were:

Dodge Construction, Inc., Fallon, Nev., $190,037.37.

Isbell Construction Co., Reno, Nev., $216,061.36.

R. A. Westbrook, Sacramento, $239,722.81.

Unit prices will be published shortly. • 29

January 8, 1946

BIDS WANTED

SAN FRANCISCO.—Until Feb. 8, 11 A. M., bids will be received by the Public Works Office, Room 2110, Administration Bldg., S. F. Naval Shipyard San Francisco under NOy 12825 Spec. 17015 for installation of additional paving which shall be used for streets yards piers and sidewalks at the S. F. Naval Shipyard.

Specifications obtainable from the Officer in Charge of Construction, Room 2110, Administration Bldg., S. F. Naval Shipyard, San Francisco, upon deposit of a check or postal money order for $30, payable to the Chief of Bureau of Yards & Docks. • • 29

January 8, 1946

BIDS WANTED

OREGON STATE.—Until Jan. 18 9 A. M. bids will be received by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Auditorium, 3rd floor, Public Service Bldg., Portland, will open bids at 9 A. M., Jan. 18, on the following projects:

LINCOLN CO.: 2 bridges over Siletz River on Siletz Secondary Highway. Fuller bridge, 190-ft. steel truss span with 133-ft. concrete viaduct approaches. Ojalla Bridge, 190-foot steel truss span with 105-ft. concrete viaduct approaches. Each bridge includes grading and surfacing of the roadway approaches. Federal Proj. No. S-204 (3) Quantities: 11,000 c.y. general excacation; 600 c.y. salvaged surfacing; 1600 c.y. new surf.; 465 c.y. struc. excav.; 885 c.y. concrete; 164,000 lbs. reinf.; 700,000 lbs. struc. steel; 1324 ft. metal handrail.

LINN COUNTY: Halsey - Holley Rock Production Project on the Halsey-Sweet Home Secondary Highway. State project. Quantities: 11,700 c.y. crushed gravel in stockpiles.

MALHEUR CO., Cairo Junction-Adrian Rock Production Project on three state highways. State project. Quantities: 8,000 c.y. cruhshed rock or crushed gravel in stockpiles.

MORROW CO.: Gilliam Co. Line-Eightmile Section of Wasco-Heppner Secondary Highway. Federal Proj. No. S-209 (3). 4.64 miles regarding and 11.56 miles surfacing and oiling. Quantities: 4700 c.y. crushed rock in stockpiles; 35000 c.y. excav.; 52 c.y. concrete; 5300 lbs. metal reinf.; 50700 c.y. crushed rock; 396 tons asphalt materials.

TILLAMOOK CO.: Three Rivers Bridge at Hebo on Oregon Coast Highway. 138-ft. concrete viaduct. Federal Project No. F-153 (5). Quantities: 230 c.y. excav.; 255 c.y. concrete; 55,400 lbs. reinf.; 300-ft. metal handrail.

WASHINGTON CO.: Davies- N Plains Section of Wolf Creek Highway. Federal Project No. F-186 (9). 7.23 miles grading; also surfacing of road connections. This may be bid in combination with the N Plains-Gardner Ranch Project in Washington County. Quantities: 509,000 c.y. excav.; 220 c.y. concrete; 28,000 lbs. metal reinf.; 4600 c.y. rock or gravel surfacing materials.

WASHINGTON CO.: North Plains-Gardner Ranch Section of the Wolf Creek Highway. Federal Proj. No. 186 (9). 3.38 miles of grading. This project may be bid in combination with the Davies-North Plains Project in Washington Co. Quantities: 128,000 c.y. excavation; 56 c.y. concrete; 5,000 lbs. metal reinf.

Plans and specifications on file with Oregon State Highway Comhission, Room 319, State Office Bldg., Salem, upon payment of $2.00. • • 29

January 8, 1946

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until January 23, 10 A. M., bids will be received by the Los Angeles Board of Public Works, 153 City Hall, Los Angeles, for the grading, paving and otherwise improving of Western Ave., between Pacific Coast Highway and Anaheim St. Plans were prepared by Lloyd C. Aldrich, Los Angeles city engineer. 29

January 8, 1946

CONTRACTS AWARDED

OREGON STATE.—Oregon State Highway Commission, Salem, Ore., awarded contracts for the following projects for which bids were received December 13:

E. C. Hall Co., Tigard, Portland, Ore., awarded contract at $28,200 for Cloverdale-Oceanlake rock production project on Oregon Coast Highway, Lincoln and Tillamook counties.

Vernie Jarl, Gresham, Ore., awarded contract at $37,212 for Porcupine Butte-Chichester Gulch section of the Shaniko-Fossil secondary highway, Wheeler County.

The project for which J. S. Risley, Milwaukie, Ore., submitted the low bid at $38,670 is still pending. Bids for all other projects received this date have been rejected. 29

32— SEWERS & SEWAGE DISPOSAL PLANTS

January 7, 1946

FUNDS ALLOTTED

NEWCASTLE, Wyo. — Mayor R. Anderson of Newcastle has received information from W. H. Cheney, Division Engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $2000 will be furnished the city for the purpose of assisting in the preparation of plans for a sewage system. The plans can now be completed and all arrangements made for construction.

The preliminary draft outlines a sewage system with main and street laterals and disposal plant. It will be constructed of approx. 19,900 ft. of 6-, 4400 ft. of 8-, and 5000 ft. of 10-in. tile, and disposal plant, concrete septic tank of about 7000 c.f. capacity. The estimated cost of this facility will be $75,000, to be furnished from general obligation bonds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction is begun.

E. A. Rose, located at Denver, is the engineer for the Bureau of Community Facilities of Federal Works Agency for Wyoming, and W. R. Robinson, City Engineer of Newcastle will make the final plans for the sewage system. 32

January 8, 1946

PLANNED

SAN PABLO, Contra Costa Co., Calif.—Engineer Phil Jones, Box 1294, Richmond, is preparing plans for a sewage disposal plant for the San Pablo Sanitary District to cost several hundred thousand dollars. • 32

33—WATERWORKS

January 8, 1946

COMPLETE BIDS

SAN PABLO, Contra Costa Co., Calif.—As previously reported, Fred J. Early Jr. Co., Inc., 369 Pine St., San Francisco, at $136,577.50, submitted low bid to the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under LS 343 for construction of San Pablo filter plant extension.

The work to be covered by the proposals includes constructing three additional bifurcated rapid sand filter units of the gravity type, extending the existing filter building, installing large steel and cast iron pipe, constructing a concrete tank, grading, paving and making various alterations to existing structures.

The work involves:

(1) 3500 cu. yds. excavation;
(2) 1000 cu. yds. backfill;
(3) 1200 cu. yds. reinforced concrete;
(4) 75 cu. yds. plain concrete in place;
(5) 1580 bbls. portland cement;
(6) 220 bbls. high early strength portland cement;
(7) 150,000 lbs. reinforced steel;
(8) 60 cu, yds. remove concrete from existing structures;
(9) lump sum, install ⅞-in. square steel tank bands;
(10) lump sum, install gunite cover;
(11) lump sum, remove and store large pipe, valves, fittings, etc., and install gunite plugs in 30-in. pipe;
(12) lump sum, install wash water line;
(13) lump sum, install main effluent line;
(14) lump sum, install bypass line and tower;
(15) 325 lin. ft. 4-in. tile drains;
(16) 200 lin. ft. 6-in. tile drains;
(17) 10,000 bd. ft. lumber;
(18) lump sum, roofing, flashing, downspouts, raggle strip, ventilators, skylights and roof tile on building;
(19) lump sum, glazing window sash, 20 sashes;
(20) lump sum, glaze 10 steel doors;
(21) lump sum, install large filter piping, valves, fittings and cast iron drains;
(22) lump sum, install 6 sluice gates;
(23) lump sum, install wash water pumps, piping, valves, fittings, venturi tube, etc.;
(24) 300 lbs copper water stop;
(25) lump sum, install flow controllers and accessories;
(26) 200 lin. ft. 4-in. standard steel pipe;
(27) 50 lin. ft. 2-in. standard steel pipe;
(28) 250 lin. ft. 1½-in. standard steel pipe;
(29) 100 lin. ft. 1-in. standard steel pipe;
(30) 50 lin. ft. ¾-in. standard steel pipe;
(31) 6 bibbs ¾-in. hose bibbs;
(32) lump sum, 2 sump pumps;
(33) lump sum, filter laterals, cast iron manifolds and cast iron adapters;
(34) lump sum, install three filter operating tables and valve assemblies;
(35) lump sum, install approximately 475 lin. ft ¾-in. copper tubing control piping, including valves, cocks, fittings, etc.;
(36) lump sum, install approximately 4900 bd. ft. redwood partitions in filters;
(37) 1000 lbs. furnish and install welded bar grating;
(38) 200 lbs. cast iron grating;
(39) 1000 lbs. floor plate;
(40) 4000 lbs. structural steel;
(41) 250 lin. ft. pipe railing;
(42) 150 lin. ft. 2½-in. galvanized steel pipe water line;
(43) 150 lin. ft. relocating 4-in. cast iron water line;
(44) per each, furnish and install 1½-in. hose connections with gate valves;
(45) lump sum, install platform scales in pits, 2 scales of 3500-lb. capacity;
(46) lump sum, install electrical equipment, including conduits, switches, lights, switching assemblies, heaters, wiring, etc.;
(47) 2500 sq. ft. install gunite coating on outside of walls of new building;
(48) 8500 sq. ft. painting pipe, steel and other metal surfaces with primer coat;
(49) 1300 lin. ft. install concrete curbs
(50) 2300 sq. yds. install pavement;
(51) 400 lbs. furnish and install miscellaneous bolts, nuts and washers.

Total bids follow:

(A) Fred J. Early Jr. Co., Inc., San Francisco, $136,577.50.
(B) Elmer J. Freethy, El Cerrito, $167,994.

Unit prices follow:

	(A)	(B)
(1)	$ 2.15	$ 6.00
(2)	2.00	4.00
(3)	52.00	39.00
(4)	28.00	30.00
(5)	1.90	2.00
(6)	3.50	2.50
(7)	.066	.07
(8)	30.00	22.00
(9)	850.00	800.00
(10)	1870.00	1774.00
(11)	2000.00	3500.00
(12)	2100.00	4400.00
(13)	6940.00	15,400.00
(14)	672.00	1650.00
(15)	.80	1.20
(16)	1.10	2.20
(17)	.19	.15
(18)	2690.00	1253.00
(19)	700.00	450.00
(20)	1080.00	1200.00
(21)	2842.00	5630.00
(22)	422.00	600.00
(23)	865.00	4000.00
(24)	1.40	1.00
(25)	700.00	1500.00
(26)	2.50	1.50
(27)	1.50	1.00
(28)	.75	1.00
(29)	.60	1.00
(30)	.50	1.00
(31)	4.00	10.00
(32)	236.00	200.00
(33)	3200.00	11,600.00
(34)	545.00	1350.00
(35)	806.00	2300.00
(36)	1180.00	792.00
(37)	.16	.20
(38)	.18	.20
(39)	.14	.20
(40)	.25	.15
(41)	3.60	2.50
(42)	1.25	1.00
(43)	2.00	3.00
(44)	25.00	25.00
(45)	100.00	500.00
(46)	2200.00	2000.00
(47)	.40	.40
(48)	.045	.05
(49)	2.55	1.50
(50)	1.65	3.60
(51)	.30	.20

33

January 8, 1946

BIDS OPENED

NEAR SALINAS, Monterey Co., Calif.—Bids were received by the U. S. Department of Agriculture, Forest Service, Emergency Rubber Project, 315 W. 9th St., Los Angeles, for the sale and removal of the Quail Creek Nursery irrigation system, buildings and improvements near Salinas; Invitation No. 95.

The bids were received for: Item A, all property listed and described in Schedule A, including pump houses, deep well pumps, redwood tanks, transite pipe, office building, purchaser to furnish all necessary equipment and material for and perform the work of dismantling and removing such property from the premises; Item B, including fence, pipe, posts, valves, wire, pipe fittings, tool house, toilets. All the property listed and described in Schedule B, purchaser to furnish labor and perform the work of dismantling and removing such property from the premises; Item C, Item A and B as a single unit.

The bids were:

T. E. Brown, Alameda (A) $1260, (B) $11,682.50, (C) $12,942.50.

J. O'Connor, San Francisco, (A) $941, (B) $5882.40, (C) $6823.40.

Cleveland Wrecking Co., Los Angeles, (C) $6749.

J. D. Ballinger, Oakland, (A) $1417, (B) $2855, (C) $4773.50.

Western Pump Co., San Jose, (A) $2000. • 33

January 8, 1946

BIDS WANTED

PORTLAND, Ore.—Until Jan. 10, 8 P. M., bids will be received by the Powell Valley Road Water District, office of the Engineer, 822 Spaulding Bldg., Portland, for the construction of water mains and appurtenances. Work involves approx. 56,000 l.f. of ¾- to 12-in. cast iron pipe.

Plans and specifications available from the above office. • • 33

January 8, 1946

BIDS WANTED

PORTLAND, Ore.—Until Jan. 11, 8 P. M., bids will be received by the Metzger Water District, office of the Engineer, 822 Spalding Bldg., Portland, for the construction of a water supply main. The work will involve 21,100 l.f. of 10-inch cast iron pipe with necessary gate valves, fittings and appurtenances.

Plans and specifications available from the above office. • • 33

(Continued on Page 4)

STOREHOUSES, ETC., CAMP PENDLETON

CHAPPO FLATS, Camp Pendelton, Oceanside, San Diego Co., Calif.—A. Farnell Blair, 7052 Santa Monica Blvd., Los Angeles, at $2,238,000, submitted the low bid to the U. S. Navy, 11th Naval District, Public Works Office, San Diego, January 3, for the construction of buildings, services and paving, Chappo Flats, Camp Pendleton, Oceanside; Specification 17225.

Work involves construction of four storehouses, one maintenance property building, two dry storage buildings, one maintenance shop building, one motor transport shop building, one boiler house and one sales commissary building.

The bids were submitted on the following items:

(1) price for the entire work, complete, in accordance with the drawings and specifications;
(2) add to (1) for the substitution of corrugated cement asbestos roofing and siding in lieu of asbestos protected metal roofing and siding;
(3) deduct from (1) for the omission of storehouse No. 3, including the indicated pavement, berms, gutters, services and railroad track adjacent thereto (based on the use of asbestos protected metal as specified);
(4) deduct from (1) for the omission of storehouse No. 3, including the indicated pavement, berms, gutters, services and railroad track track adjacent thereto (based on the use of corrugated cement asbestos materials as covered under alternative "A");
(5) deduct from (1) for the omission of the dry storage building No. 2, including the indicated pavement, berms, gutters, services and railroad track adjacent thereto (based on the use of asbestos protected metal as specified);
(6) deduct from (1) for the omission of dry storage building No. 2, including the indicated pavement, berms, gutters, services and railroad track adjacent thereto (based on the use of corrugated cement asbestos materials as covered under alternative "A");
(7) deduct from (1) for the omission of sales commissary building, including the indicated pavement, berms, gutters, services and railroad track adjacent thereto (based on the use of asbestos protected metal as specified);
(8) deduct from (1) for the omission of sales commissary building, including the indicated pavement, berms, gutters, services and railroad track adjacent thereto (based on the use of corrugated cement asbestos materials as covered under alternative "A").

The bidders were:

(A) A. Farnell Blair.
(B) M. H. Golden.
(C) Haddock Engineers, Ltd.
(D) F. E. Young.
(E) I. C. Curry.
(F) James I. Barnes.
(G) Peter Kiewit.

The complete bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)....	$2,238,000	$2,396,000	$2,398,000	$2,410,320	$2,445,000	$2,725,000	$5,000,000*
(2)....	59,010	28,832	27,000	31,068	21,000	10,000	100,000
(3)....	119,011	137,779	140,000	94,755	129,470	125,000	100,000
(4)....	122,000	137,779	138,500	103,163	128,000	110,000	100,000
(5)....	135,400	151,006	153,000	109,042	146,124	150,000	100,000
(6)....	138,870	151,006	151,500	116,842	144,680	110,000	100,000
(7)....	143,540	163,036	169,000	136,154	149,548	125,000	100,000
(8)....	148,000	163,036	165,500	139,056	148,100	125,000	100,000

*A telegraphic modification which was received after the hour of opening changed the bid to $2,535,000.

SEWER SYSTEM, OILDALE, KERN COUNTY

OILDALE, Kern Co., Calif.—As previously reported, Bechtel Bros.-McCone, 601 W. 5th St., Los Angeles, at $669,038.63, submitted the low bid and awarded contract by the Sanitary Board of the North of the River Sanitary District No. 1 of Kern County, Oildale, January 2, for the construction of a sewer collecting system, pumping station and treatment plant in Oildale, Kern County, to serve an area including Oildale, Riverview, Highland Park, Wingland Square and other north of the river communities. Plans and specifications were prepared by Engineer R. E. White, 2617 20th St., Bakersfield, Calif.

The bids were taken as follows:

(1) 50,730 lin. ft. 6-in. vitrified clay pipe;
(2) 101,120 lin. ft. 8-in. vitrified clay pipe;
(3) 9803 lin. ft. 10-in. vitrified clay pipe;
(4) 3155 lin. ft. 12-in. vitrified clay pipe;
(5) 4497 lin. ft. 15-in. vitrified clay pipe;
(6) 2690 lin. ft. 18-in. vitrified clay pipe;
(7) 9449 lin. ft. 24-in. vitrified clay pipe;
(8) 87 6x6 tees;
(9) 3023 8x6 tees;
(10) 209 8x6 tees;
(11) 15 12x6 tees;
(12) 76 15x6 tees;
(13) 90 18x6 tees;
(14) 23 24x6 tees;
(15) 435 standard manholes;
(16) 15 drop manholes;
(17) 12 lampholes;
(18) 101 lin. ft. 8-in. cast iron pipe;
(19) 2356 lin. ft. 10-in. cast iron pipe;
(20) 105 lin. ft. 12-in. cast iron pipe;
(21) 344 lin .ft. 24-in. cast iron pipe;
(22) 498,400 gals. furnishing only SC road oil;
(23) sewage treatment plant, including all mechanical equipment, settling tanks, aeration tanks, primary and secondary digestion tanks, chlorination equipment, heating equipment, pipe work, sludge beds, water storage tank and all appurtenances complete with control building and nonclimbable fence;
(24) 1 pump station, including all mechanical equipment, pipe, valves and fittings, complete;
(25) 4823 sq. yds. grading and oil surfacing all driveways at plant site and lane from Olive Dr. to plant site.

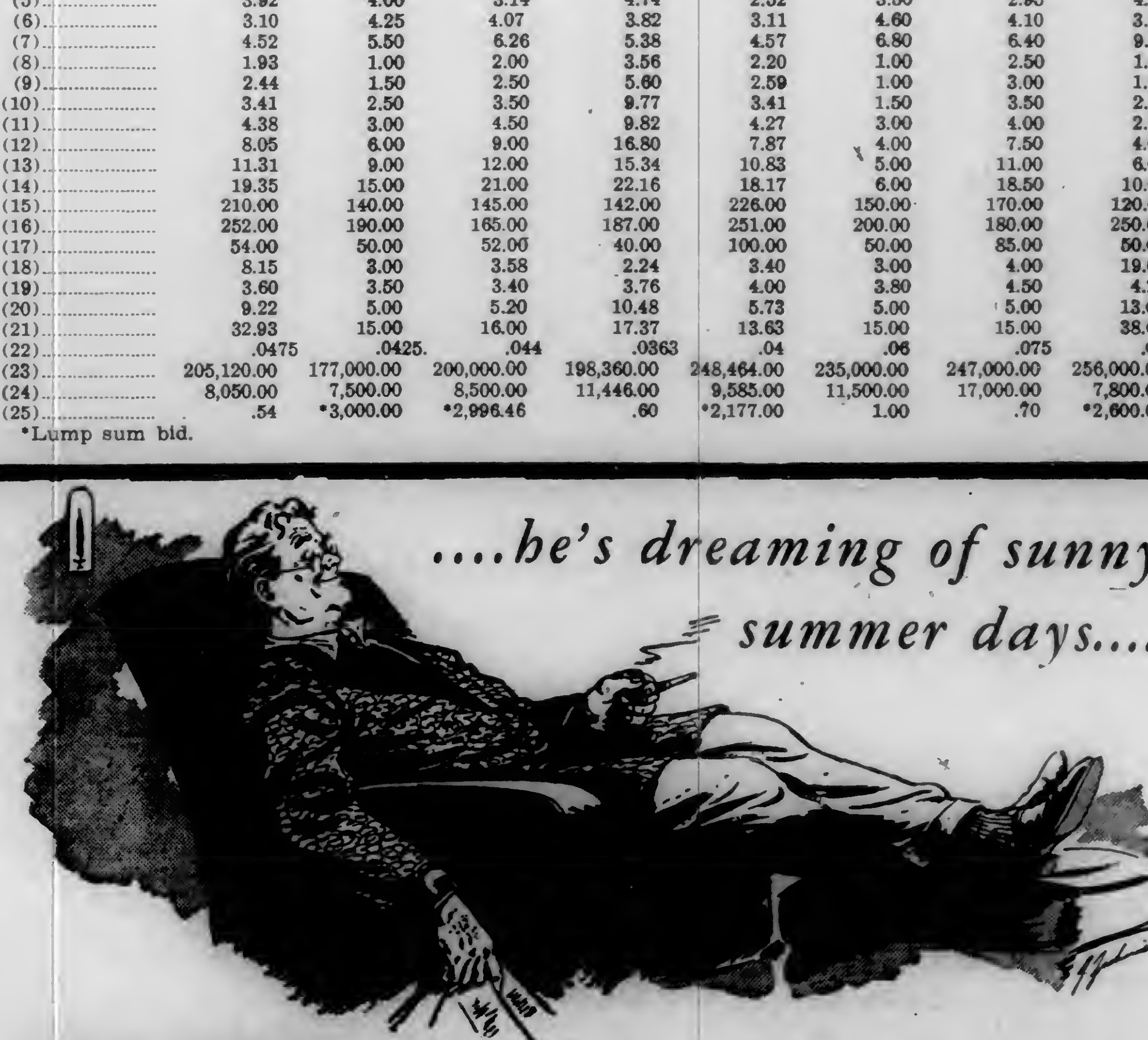
The total bids submitted were:

(A) Bechtel Bros.-McCone Co., $669,038.63.
(B) Artukovich Bros., $677,494.65.
(C) R. A. Wattson Construction Co., $687,918.45.
(D) Marko Matick, $699,389.87.
(E) Haddock Engineers, Ltd., $747,465.93.
(F) Tom L. Gogo, $784,144.10.
(G) H. B. Nicholson, $786,035.35.
(H) A. E. Downer, $790,546.36.

The unit bids submitted were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 1.50	$ 1.52	$ 1.48	$ 1.28	$ 1.58	$ 1.80	$ 1.35	$ 1.90
(2)	1.34	1.80	1.76	1.78	1.69	2.00	1.90	1.59
(4)	1.79	3.50	1.86	2.42	1.82	2.20	2.20	3.40
(4)	1.70	3.50	2.41	4.34	2.03	2.30	2.50	2.95
(5)	3.92	4.00	3.14	4.74	2.52	3.50	2.95	4.78
(6)	3.10	4.25	4.07	3.82	3.11	4.60	4.10	3.22
(7)	4.52	5.50	6.26	5.38	4.57	6.80	6.40	9.00
(8)	1.93	1.00	2.00	3.56	2.20	1.00	2.50	1.49
(9)	2.44	1.50	2.50	5.60	2.59	1.00	3.00	1.56
(10)	3.41	2.50	3.50	9.77	3.41	1.50	3.50	2.10
(11)	4.38	3.00	4.50	9.82	4.27	3.00	4.00	2.50
(12)	8.05	6.00	9.00	16.80	7.87	4.00	7.50	4.00
(13)	11.31	9.00	12.00	15.34	10.83	5.00	11.00	6.00
(14)	19.35	15.00	21.00	22.16	18.17	6.00	18.50	10.00
(15)	210.00	140.00	145.00	142.00	226.00	150.00	170.00	120.00
(16)	252.00	190.00	165.00	187.00	251.00	200.00	180.00	250.00
(17)	54.00	50.00	52.00	40.00	100.00	50.00	85.00	50.00
(18)	8.15	3.00	3.58	2.24	3.40	3.00	4.00	19.00
(19)	3.60	3.50	3.40	3.76	4.00	3.80	4.50	4.20
(20)	9.22	5.00	5.20	10.48	5.73	5.00	5.00	13.00
(21)	32.93	15.00	16.00	17.37	13.63	15.00	15.00	38.00
(22)	.0475	.0425.	.044	.0363	.04	.06	.075	.04
(23)	205,120.00	177,000.00	200,000.00	198,360.00	248,464.00	235,000.00	247,000.00	256,000.00
(24)	8,050.00	7,500.00	8,500.00	11,446.00	9,585.00	11,500.00	17,000.00	7,800.00
(25)	.54	*3,000.00	*2,996.46	.60	*2,177.00	1.00	.70	*2,600.00

*Lump sum bid.


....he's dreaming of sunny summer days....

GAS HEAT lets you laze-thru winter...

modern, carefree comfort for your new or remodelled home of tomorrow. You can have your dreams come true—a home kept cozy and warm without fuel worries or work for you and your family—when you install modern gas heating in your home.

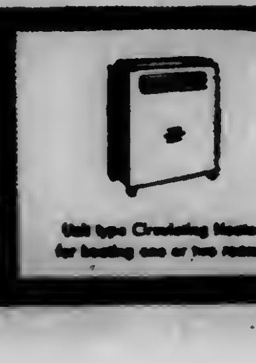
For home modernization or for the new 1946 house you are planning to build, choose one of the new, automatic, forced air gas furnaces installed either in the basement, in a closet or under the attic roof. Then too, you have a choice of the efficient heat-producing floor or wall furnace or circulating heater.

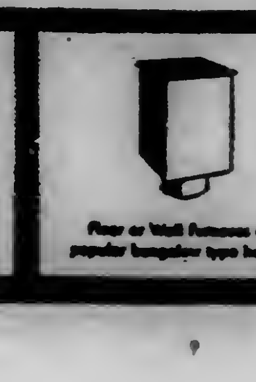
Whatever you choose—whatever you use in the line of Gas Heating Equipment you are sure to get silent, clean, convenient, trouble-free and low-cost heating service.

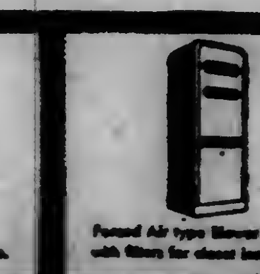
SEE YOUR DEALER OR... P·G·and E· PACIFIC GAS AND ELECTRIC CO.

202W-146

Basement type Forced Air furnace with filter.


Unit type Circulating Heater for heating one or two rooms.


Floor or Wall Furnaces are popular bungalow type heaters.


Forced Air type Blower Furnace with filter for closet installation.

Attic type Forced Air furnace with filter.

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS

Building Permits, $1,000 and Over, Applied For

SAN FRANCISCO COUNTY

CLASS "C" OFFICES
S. MISSION 35 E. MAIN ST.
Owner — California Wool Growers' Association, 915 Mission St.
Builder—D. B. Gladstone, 224 Santa Paula Ave.
Architect—Not Given. $40,000
(Application No 85047)

1-STORY FRAME MARKET
SE. CORNER 37TH AND BALBOA.
Owner—Arthur B. Dunne, 333 Montgomery St.
Builder—A. J. Hopper, 243 Langton.
Architect—Not Given. $40,000
(Application No 85051)

1-STORY FRAME BUILDING
SW. TARAVAL AND 40TH AVE.
Owner—G. A. Draeger, 1962 48th Ave.
Builder—Robert McCarthy Co., 1050 Kirkham.
Architect—Not Given. $25,000
(Application No 85016)

ALTER STORES
SE. MARKET AND 5TH STS.
Owner—Zukor's, c/o contractor.
Builder—Hyman Rosenthal, 617 Montgomery St.
Architect—Not Given. $18,000
(Application No 85021)

1-STORY STORE
SW. 3RD AND KIRKWOOD.
Owners—J. & A. Righetti and G. Solari, 1650 La Salle.
Builders—C. Faggioni and G. Barsotti, 1567 Revere.
Architect—Not Given. $12,000
(Application No 85054)

1-STORY FRAME DWELLING
NE. 24TH AVE. AND PACHECO.
Owners—Mr. and Mrs. Thor Erickson, 1935 19th Ave.
Builder—California Construction Co., 159 W. Portal Ave.
Architect—Not Given. $11,000
(Application No 85005)

2-STORY FRAME FLATS (7)
E. FUNSTON 25, 50, 75 N. LAWTON; N. LAWTON 70, 95 E. FUNSTON; S. KIRKHAM 70, 95 E. FUNSTON.
Owner and Builder—Heyman & McClain, 5138 Geary.
Architect—Not Given. $8,750 each
(Application Nos 85026 to 32)

1-STORY CLASS "C" SHELTER
NE. 9TH AND HOWARD STS.
Owner—Larry Barrett, premises.
Builder—Barrett & Hilp, 918 Harrison St.
Architect—Not Given. $8,000
(Application No 85006)

1-STORY FRAME DWELLING
E. 38TH AVE. 125 S. MORAGA.
Owner and Builder—T. E. Mohler Jr., 626 36th Ave.
Architect—Not Given. $6,250
(Application No 85022)

1-STORY FRAME DWELLINGS (4)
NW. COR. REDDY ST. and THORNTON AVE.; NW. COR. REDDY 25, 50, 75 SW. THORNTON AVE.
Owner and Builder—T. Starelli, 1755 Dolores St.
Architect—Not Given. $6,000 each
(Application Nos 85041 to 44)

1-STORY FRAME DWELLING
NW. FOOTE and ALEMANY.
Owners—J. E. and Anna M. Hickey, 371 Prague.
Builder—B. C. Hoecker, 371 Prague.
Architect—Not Given. $6,000
(Application No 85058)

1-STORY FRAME DWELLINGS (2)
NE. SHIELDS and BYXBY; NE. GARFIELD and RALSTON.
Owner and Builder—California Construction Co., 159 West Portal.
Architect—Not Given. $6,000 each

1-STORY FRAME DWELLING
S. HALE 75 W. MERRILL.
Owner and Builder—J. Caruso, 3220 Folsom St.
Architect—Not Given. $5,500
(Application No 85053)

1-STORY FRAME DWELLING
E. ANDERSON 125 S. JARBOE.
Owner and Builder—B. C. Hoecker, 371 Prague.
Architect—Not Given. $5,000
(Application No 85059)

1-STORY FRAME DWELLING
SE. THORNTON AVE. and VENUS.
Owner and Builder—G. Carraro & Sons, 700 Felton St.
Architect—Not Given. $5,000
(Application No 85010)

1-STORY FRAME DWELLINGS (2)
W. ANDERSON 125, 200 S. JARBOE AVE.
Owner and Builder—B. C. Hoecker, 371 Prague St.
Architect—Not Given. $5,000 each
(Application Nos 85056-57)

1-STORY FRAME DWELLING (2)
S. PARQUE DR. 53, 28 W. CARRIZAL.
Owner and Builder—The Ruegg Co., 604 Russ Bldg.
Architect—Not Given. $5,000 each
(Application Nos 85060-61)

1-STORY FRAME DWELLINGS (7)
N. QUESADA 100, 125 E. RANKIN; E. VENUS 25, 50, 75 100 S. THORNTON AVE.; S. THORNTON 75 E. VENUS.
Owner and Builder—G. Carraro & Sons, 700 Felton St.
Architect—Not Given. $4,800 each
(Application Nos 85008-09; 85011-15)

ALTER STORE
2099 LOMBARD ST.
Owner — Herbert Sherbert Shoppe, premises.
Builder—J. D. O'Connor Construction Co., 391 Sutter St.
Architect—Not Given. $4,500
(Application No 85035)

1-STORY FRAME STOCKROOM
N. 12TH ST. 84 E. FOLSOM ST.
Owner—California Electrical Supply Co., 1585 Folsom St.
Builder — Wagner & Martinez, 181 South Park.
Architect—Not Given. $3,000
(Application No 85034)

ALTER DWELLING
2682 FILBERT ST.
Onwre—Mr. Post, premises.
Builder—Robert McCarthy Co.
Architect—Geo. Simonds, 40 Main St. $2,500
(Application No 85046)

ALTER GARAGE
1529 VAN NESS AVE.
Owners—Emma H. Harrigan & Agnes A. Weidenmuller, 344 Kearny St.
Builder—Robert McCarthy Co., 1050 Kirkham St.
Architect—Not Given. $2,500
(Application No 85002)

ALTER CLEANERS' PLANT
S. TARAVAL 60 E. 14TH AVE.
Owner—Knickerbocker & Arnott, 633 Taraval.
Builder—James Arnott & Son, 633 Taraval.
Architect—Not Given. $2,000
(Application No 85055)

ALTER HOSPITAL
2750 GEARY
Owner—The Garden Hospital, prem.
Builder—G. P. W. Jensen, Inc., 320 Market St.
Architect—W. C. Perry, 260 California St. $2,000
(Application No 85020)

ALTER APARTMENTS
SE. GREENWICH and HYDE STS.
Owner—George Packard, 2185 Hyde.
Builder—G. P. W. Jensen & Sons, Inc., 320 Market St.
Architect—Not Given. $2,000
(Application No 85001)

ALTER STORE, FLAT and OFFICE
2423 POLK STREET.
Owner—Jules Suppo, 2425 Polk St.
Builder—A. T. Morris & Sons, 5400 Fulton St.
Architect—Not Given. $1,800
(Application No 85039)

ALTER APARTMENTS
1015 SHOTWELL ST.
Owner—Gus Arvald, premises.
Builder—Day Work.
Architect—Not Given. $1,500
(Application No 85045)

(1) ALTER BOOK STORE, (2) ALTER DWELLING
2274-2272 UNION STREET.
Owner—John F. Cluster, 1807 Gough.
Builder—Day Work.
Architect—Not Given. (1) $1000; (2) $1200
(Application Nos 85018-19)

1-STORY FRAME SHOP
S. LOMBARD 131 E. LAGUNA.
Owner and Builder—Moresi & De Lucchi, 3142 Buchanan St.
Architect—Not Given. $1,000
(Application No 85033)

Building Permits, $1,000 and Under, Applied For

SAN FRANCISCO COUNTY

SIGN, electric, $450; NW 5th and Harrison; owner, The Petroleum Corp, prem; contractor, Apex Elec Co, 363 Fell St.

ALTER store, $400; 685 Mission St; owner, Matthew Smith Co, 683 Mission St.

ALTER garage, $400; 50 DeSoto Way owner R A Mackin prem; contractor R B Hamill 4124 Geary Blvd.

STORAGE 1-story frame $350; W Connecticut 100 S 16th St; owner and builder Frie Protection Prod Co 1101 16th St.

ALTER flats $300; 182 Randall St; owner W Arminino premises.

ALTER dwelling $300; 11 Modoc; owner P H Hendrickson premises; contractor Joseph M Redmond 363 Vienna.

ALTER dwelling $250; 14241 LaPlaya owner W E Chance 1800 Market.

ALTER flats $125; 2622-4 Leavenworth St; owner Salvatore Margaret, Filippo and Virginia Billante, 2624 Leavenworth; contractor, Farnocchia & Co, 2749 Gough St.

ALTER dwelling, $75; 3136 Gough; owner and contractor, P Biaghetta, Jr, premises.

BARBER pole, $55; 647 Kearny St; owner and contractor, C Bacani, premises.

ALTER dwelling, $50; 132 25th Ave; owner, Elaine Churchill, premises.

ALTER two flats, $50; 1335 California St; owner and builder George Schreck premises.

BILBOARD, $45; SW Irving and 42nd Ave; owner and contractor, Foster & Kleiser Co, 1675 Eddy St.

BILLBOARDS, two, $20 each; SW Cor San Bruno Ave and Harkness; N Monterey 25 E Detroit; owner and contractor, West Coast Adv Co, 123 S Van Ness Ave.

Building Permits, $1,000 and Over, Applied For

ALAMEDA COUNTY

ALTERATIONS
917 THE ALAMEDA, BERKELEY.
Owner—Dr K E Sleeper.
Contractor—Harold L Page, 5651 Oak Grove Ave, Oakland.
Architect—Paul Hammerberg, No 2 Norwood Avenue. $7000

ALTERATIONS
2884 TELEGRAPH AVE, BERKELEY.
Owner and Contractor—Dr M A Meyers, 1337 Campus Drive.
Plans by R Maxwell, 17 Osgood Pl, San Francisco. $2000

ALTERATIONS
2823 SEVENTH ST, BERKELEY.
Owner—Forest Hopkins, premises.
Contractor—California Rfg & Constr Co, 1630 Webster St, Oakland.
Architect—Not Given. $2,000

PERMITS UNDER $1,000

ALAMEDA COUNTY

BERKELEY

OFFICE, $600; 1035 Carlton; owner, and builder, F M Neiand, premises.

ROOFING, $282; 2311 Spaulding; owner, Earl Benidect, prem; contractor, Edwards Gutter Serv, 2342 Grant.

ROOFING, $279; 605 Santa Barbara; owner, F J Otosser, prem; contractor, Evertite Rfg, 2309 Milvia.

ROOFING, $279; 2311 Spaulding; owner, Earl K Benedict, premises; contractor, Evertite Rfg, 2309 Milvia.

ROOFING, $234; 1845 Solano; owner, A T MacDonald, premises; contractor, Elliott & Elliott, 2109 San Pablo Ave.

ROOFING $200; 2345 Channing Way; owner, First Congregational Ch, premises; contractor, American Co 806 55th St, Oakland.

REPAIRS, $195; 1926 El Dorado; owner, James Evans, prem; contractor, L C Dowe, 505 Coventry Road.

ROOFING, $195; 1303 Walnut; owner, E Irving, prem; contractor, United Roofers, 5922 Telegraph.

ROOFING, $180; 1531 Oxford; owner, F Cacbone, 570 Woodmont; contractor, Guy Tyler, 1502 Cedar.

ALTER, $150; 1939 Virginia; owner, E F Carter, prem; contractor, J E Hendrick, 440 Masterson.

ROOFING, $164; 2317 Browning; owner, E J Louma, prem; contractor, Guy Tyler, 1502 Cedar St.

ROOFING, $150; 2900 Benvenue; owner, H D Mathews, 2900 Benvenue; contractor, American Co, 806 55th St, Oakland.

ROOFING, $130; 2326 Durant; owner, J F Elliott, premises; contractor, Dillon Rfg Co, 5212 San Pablo.

ROOFING, $106; 1246 Cornell; owner, J W Crawford, premises; contractor, Elliott & Elliott, 2109 San Pablo Ave.

DEMOLITION, $100; 1035 Carlton; owner and contractor, F M Ireland, 1035 Carlton.

ROOFING, $75; 1300 Oxford; owner, Geo Nael, prem; contractor, Guy Tyler, 1502 Cedar St.

ALTERATIONS, $75; 925 The Alameda; owner, L L Cross, 2064 Los Angeles; contractor, O E Ringeltaube, 684 Colusa Ave.

REDWOOD CITY

RESIDENCES, 60, $5000 each; Lots 213, 214, 215, 216, 98, 99, 115, 116, 235, 94, 236, 212, 211, 210, 209, 208, 207, 206, 205, 204, 203, 202, 201, 200, 199, 97, 96, 95, 7, 89, 90, 91, 92, 93, 69, 70 Scott Ave; Lots 56, 117, 118, 119, 153, 154, 155, 183, 184, 80, 29, 30, 31, 32, 237, 49, 50, 51, 52, 53, 54, 55, 57 Flynn Ave; Lot 79, Burbank Ave; owner and builder, Conway & Culligan, Burlingame Avenue, Burlingame.

PALO ALTO

RESIDENCE, one-story and garage, $9250; 1051 Channing Ave; owner and builder, E J Schmaling, 316 Kipling Street.

RESIDENCE, one-story and garage, $3950; 431 Park Blvd; owner and builder, A C Gibson, 2522 Park.

REMODEL business bldg $3000; 370 University Ave; owner, L C Hyde, 336 Lincoln Ave; contractor, Nichols-White, Inc, 156 University Ave; plans by Leslie Nichols.

ALTER residence, $750; 195 Park Blvd; owner, Mamie C Robinson, 195 Park Blvd.

ALTER residence, $500; 1120 Fulton St; owner, A B and R Johnson, 1120 Fulton St.

GARAGE, $500; 1021 College Ave; owner, F D Cathcart, 1211 College; contractor, H W Tollner, 1021 College Ave.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

ADDITION, to shop, 25x74-ft.
274 SHOTWELL STREET.
Owner—Sam and Frank Fenech.
Architect—Not Given.
Contractor—Rademann & Giusto.
Filed and Dated, ...
Payments Not Given.
TOTAL COST, $6,470
Bond filed; Sureties, Fidelity & Deposit Co. Spec. filed Dec 28, 1945.

BUILDING CONTRACTS

ALAMEDA COUNTY

REPAIRS
OAKLAND PIER Terminal. Monitor repairs train shed roof.
Owner—Southern Pacific Company.
Architect—Not Given.
Contractor—Stanley H Koller 1694 Pomona St Crockett.
Filed Jan 3, '45. Dated, ...
1st of each month..........75%
Usual 35 days after..........25%
TOTAL COST, $6,715
Bond, $6715. Sureties, U S Guarantee Co. Limit, 75 calendar days. Plans and specifications filed.

Building Permits, $500.00 and Over, Issued by the Board of Public Works

SAN FRANCISCO COUNTY

JANUARY 5, 1946

SE Cor Coso and Prospect; E Prospect 32, 63 S Coso; alter three dwellings; cost, $1000 each; owner, T B Harper.

356 Justin Dr; alter dwelling; cost $800; owner, Frank Albers.

2065 Oakdale Ave; alter dairy; cost $1000; owner, Dairy Belle Farms.

S Monterey Blvd 25, 59, 93, 127, 161, 195, 291, 263 E Edna. Eight two-story frame dwellings; cost, $10,500 each; owner, Walter E and Max Hansen.

274 Shotwell St; alter shop; cost, $6000; owner, The Wood Working Shop.

44 21st Ave; alter dwelling; cost, $2000; owner, Wm B Reis.

NW Cor Girard and Harkness; W Girard 50 N Harkness; N Harkness 95 W Girard; W Lucy St 175 N Williams Ave; four 1-story frame bldgs; cost, $5300 each; owner, G Carraro & Sons

Davidson St 200 W Lane; two-story frame bldg; cost, $14,000; owner, James Allan & Sons.

1521 Larkin St; alter dwelling; cost $4500; owner, David K Chang.

N Balboa St 170 E 39th Ave; one-story frame dwelling; cost, $7,000; owner, D Michaels and R Levy.

730 Jackson St; alter restaurant and store; cost, $12,968; owner, Joe Shong School.

673 Geary St; alter shop; cost, $3,500; owner, Ray S. Jue.

236-A Guerrero St; alter apts; cost, $590; owner, Alice V Cook.

S Clara 375 E 6th St; class C bldg; cost, $5000; owner, Salili & Alexander.

E Leavenworth 108 S Washington; one-story frame bldg; cost, $2000; owner, Henry E Reed.

E Leavenworth 108 S Washington; five 1-story frame dwellings; cost, $2000 each; owner, Henry E Reed.

2272 Mission St; alter store; cost, $3000; owner, Pacific Tel & Tel Co.

NE Cor 8th and Irwin Sts; alter storage; cost, $1200; owner, Standard Oil Co.

Plumbing Permits

BERKELEY

2011 Lincoln; owner, Hunter; dealer, Art Johnson; w basin.

2312 McKinley; owner, ...; dealer, Art Johnson; w tub.

1908 Woolsey; owner, ...; dealer, Art Johnson; Bendix.

919 The Alameda; owner, Sleeper; dealer, Art Johnson; dental unit.

15 Alvarado Road; owner, Washburn; dealer, Art Johnson; w basin; w tub.

2353 Prospect; owner, Clausen; dealer, Art Johnson; w basin; b tub.

1932 Stuart; owner, Hayoshi; dealer, Art Johnson; dental unit; laboratory.

1703-05 Milvia; owner, E Meadows; dealer, Ehret Plbg; 2 w closets; 2 w basins; 2 b tubs; 2 sinks; 2 w tubs.

1146 Cragmont; owner, A Brezee; dealer, Neal & Son; w closet; w basin.

1818 Horman; owner, T J Urquhart dealer, Allen-Rich; sink.

Completion Notices

SAN FRANCISCO COUNTY

Recorded Accepted
Jan 3, 1946—W ARCH 200 N Garfield; W Arch 175 N Garfield; W Arch 150 N Garfield. Lloyd Sundberg to whom it may concern..........January 3, 1946
Recorded Accepted
Dec. 31, 1945—Aterations and additions to ticket counter, 3rd St Station. Southern Pacific Co to Boyd Lighting & Fixture Co..........Dec. 29, 1945

ALAMEDA COUNTY

Recorded Accepted
Jan 4, 1946—4158 MTN BLVD, Oakland. Luther H Lincoln to whom it may concern..........December 28, 1945
ALA CO NON RESP ....
Jan 7 1946—2304 2312 2318 2322 E 14th St Oakland. R D Phillips and Alma P Larson as to improvements on property.

SAN MATEO COUNTY

Recorded Accepted
Dec 31, 1945—LOT 21 Blk 18, White Oaks. Lloyd Lynch to Orvil I Larsen..........December 27, 1945
Jan 2, 1946—LOT 36 Blk 55, Millbrae Highlands. R L Schlick to J Henry Delaney..........December 27, 1945
Jan 2, 1946—311 POPLAR Avenue, San Bruno. Mathew J Verducci to Wm Werner..........December 27, 1945
Jan 2, 1946—LOT 7 Buena Vista Tr. Stephen Nogleburg to whom it may concern..........December 24, 1945
Jan 2, 1946—LOT 13, Baker Sub. John Gladius to John R Lindsay..........January 2, 1946
Jan 3, 1946—LOTS 100 to 109 incl Redwood Village. Thomas J Culligan to Conway & Culligan..........December 29, 1945
Jan 3, 1946—LOT 55 and Ptn Lot 54 Stanford Annex. Suzanne Schroether to Gould Constr Co..........December 28, 1945
Jan 3, 1945—LOTS 20 and 21 ptn Blk 3, Burlingame Village. Donald C Dors to Baker & Morton..........December 26, 1945
Jan 3, 1946—LOT 1 Blk 17, Easton Addn, Burlingame. Emmanuel Borg, et al to O Murer..........January 2, 1946
Jan 3, 1946—LOT 23, The Willows. J R Simon, et al to Dulieck Bros..........December 31, 1945
Jan 4, 1946—VARIOUS Locations (clean ditches). S P Co to Earl W Hepie..........December 24, 1945
Jan 5, 1946—PTN LOT 12 and Lot 11 Blk 8, North Redwood. Robt D Regan, etc to whom it may concern..........January 4, 1946
Jan 5, 1946—PTN MARTIN Tract. Carl John Stendell to whom it may concern..........December 31, 1945
Jan 5, 1946—LOT 3 Blk 7, Salada Beach. Walter Dickson, etc to whom it may concern..........January 4, 1946

Liens Filed

SAN MATEO COUNTY

Recorded Amount
Jan 3, 1946—PTN LOT 1 Blk 2, Oak Park. West Coast Weatherstriping Co vs Edward Browder, Jr..........$153.00

Non-Responsibility

SAN FRANCISCO COUNTY

Jan 7, 1946—LOTS 11 and 12 Blk 314, known as St Paul Bldg, 291 Geary St. Union Plaza Corp and Park Square Bldg Co as to improvements on property.
Jan 7, 1946—S CLEMENT ST 57-6 E 3rd Ave E 25 x S 100. Henry S and Adele Schepps as to improvements on property.
Jan 5, 1946—SE MISSION and 20th Sts. W F Cordes as to improvements on property.

Electrical Permits

SAN FRANCISCO COUNTY

7265 60 Federal; owner, Rincon Warehouse; contractor, Cimino Elec Co; 17 outlets; 4 switches; 12 plugs.

7266 417 Montgomery St; owner, Flextrolux Corp; contractor, Cimino Elec Co; 6 outlets.

7267-70 Various locations and owners; contractor, Neon Mtce Corp; signs.

7271-2 Various locations and owners; contractor, QRS Neon Cop; signs.

7273 57 1st St; owner, M Wallerstein Co; contractor, Assoc Electric & Mech Co; 14 outlets; alterations.

7274 383-5 Monterey Blvd; owner, G Piov; contractor, Assoc Elec and Mech Co; 27 outlets; 24 switches; 37 plugs.

7275 254 Leavenworth; owner, La Cross; contractor, W H Kirsten; 1 outlet; 1 plug.

7276 3326 Mission St; owner, 3326 Club; contractor, W H Kirsten; one plug.

7277 955 Post St; owner, Yosemite Gray Line; contractor, W H Kirsten; 6 outlets; 2 switches.

7278 1220 31st Ave; owner, ...; contractor, Golden Gate Electric Co; ....

7279 1220 Pacific Ave; owner, ...; contractor, Golden Gate Electric Co; 2 outlets.

7280 193 Eddy St; owner, Old Friends Grill; contractor, Malm and Welter; ....

7281 79 Glover; owner, Mrs M Laven; contractor, Malm & Welter; service.

7282 121 Navajo; owner, ...; contractor, H C Wilson; 1 outlet; 1 plug 1 switch.

7283 100 San Marcus Ave; owner, ...; contractor, H C Wilson; ......

7284 999 Geary St; owner, ...; contractor, H C Wilson; ....

7285 W 15th 64 S Pacheco; owner, Doelger; contractor, Richmond Elec; ....

7286 N Fulton St 90 W 38th Ave; owner, United Housing; contractor, Richmond Elec; service.

7287 2800 Fulton; owner, Perkins; contractor, Richmond Elec; 4 outlets; 4 switches; 4 plugs.

7288 851 32nd Ave; owner, Tanner; contractor, Richmond Elec; 5 outlets; 7 switches; 4 plugs.

7289 2294 22nd Ave; owner, G E Carlson; contractor, Strom & Smith; 12 outlets; 10 switches; 12 plugs.

7290 917 Mission St; owner, ...; contractor, Galvin Bros; 10 outlets.

7291 3462 Mission St; owner, Commercial Sheet Metal Co; contractor, Manning & Whitaker; ....

7292 3rd and Townsend Sts; owner and contractor, S P Co; 6 outlets.

7293 Annex B Bldg, Spear and Mission; owner and contractor, S P Co; motors.

7294 1498 Mission; owner, Coliseum; contractor, O'Keeffe, The Fan Man; motors.

7295 225 Frederick St; owner, Cosmos; contractor, O'Keeffe, The Fan Man; 5 outlets.

7296 2075 Market; owner, Thrifty; contractor, O'Keeffe, The Fan Man; 1 plug.

7297 2598 Taylor; owner, Hercules; contractor, O'Keeffee, The Fan Man; 1 plug; motors.

7298 742 Market; owner, Wildberg Bros; contractor, O'Keeffe, The Fan Man; motors.

7299 322 Battery; owner, National Canners Assn; contractor, O'Keeffe, The Fan Man; motors .

7300 170 Hooper St; owner, Dee; contractor, O'Keeffee, The Fan Man; motors

7301 449 Turk; owner, Target Co; contractor, O'Keeffe, hTe Fan Man; motors.

7302 307 Shotwell Street; owner, Perfection Curtain; contractor, O'Keeffe, The Fan Man; 10 outlets; motors

7303 SW Cor Green and Fillmore; owner, Tony Curo; contractor, O'Keeffe, The Fan Man; 32 outlets; 29 switches; 50 plugs.

7304-07 22-2-10-16 Howth; owner, Beruch; contractor, Arc Electric Co; 11 outlets; 12 switches; 10 plugs.

7308 170 Richland; owner, Kenely; contractor, Arc Electric Co; service.

7309 30 Havelock; owner, Grifine; contractor, Arc Electric Co; service.

7310 220 Montgomery St; owner, Mills Estate; contractor, H S Tittle; alterations.

7311 2146 Great Highway; owner, Geary; contractor, Byington Electric; ....

7312 420 Francisco; owner, ...; contractor, G Vaccarino; service; motors.

7313 3315 Octavia; owner, Coast Building Co; contractor, Edward W Scott Electric; 6 outlets; 7 switches; 7 plugs.

7314 18th and Diamond; owner, Holy Redeemer School; contractor, Edward W Scott Electric; 4 outlets; 1 switch.

OAKLAND

34552 4007 Brown; owner, Aders; contractor, Johnston Elec Co; outlets; switches; fixtures; plugs.

34553 4732 Fair Ave; owner, Wiggins & Marsh; contractor, Johnston Elec Co; outlets; switches; fixtures; plugs.

34554 4740 Fair Ave; owner, Wiggins & Marsh; contractor, Johnston Elec Co; outlets; switches; fixtures; plugs.

34555 8325 E 14th St; owner, Colasky; contractor, R F Long Co; 3 outlets; 3 fixtures.

34556 41st and Piedmont; owner, Piedmont Waffle Shop; contractor, American Neon Displays; fixtures.

34557 334 Broadway; owner, Petes Rendezvous; contractor. American Neon Displays; fixtures; sign.

34558 517 40th St; owner, Stone; contractor, American Neon Displays; fixtures; sign.

34559 756 46th Ave; owner, Casper; contractor, Ets, Hokin & Galvan; 10 outlets.

34560 2219 21st Ave; owner, Feldstein; contractor, Marelco, Inc; serv.

34561 515 16th St; owner, Grass; contractor, Western Neon Corp; sign.

34562 1923 E 14th St; owner, Universal Glass; contractor, Western Neon Corp; sign.

34563 9315 E 14th St; owner, Drummond; contractor, Western Neon Corp; sign.

34564 6700 E 14th St; owner, Wilkinson; contractor, Western Neon Corp; sign.

34565 13th and Franklin Streets; owner and contractor, Tribune Pub Co; service.

34566 1441 Franklin Street; owner, Beckett & Federighi; contractor, T L Rosenberg Co; fixtures; alterations.

34567 382 19th St; owner, Pucci; contractor, T L Rosenberg Co; fixtures; switches.

34568 1100 8th Ave; owner, Commercial Sales Co; contractor, T L Rosenberg Co; motors.

34569 851 81st Ave; owner, Loose Wiles; contractor, T L Rosenberg Co; outlets; switches; fixtures; pl; alterations.

34570 1032 Winsor Avenue; owner, Paulding; contractor, T L Rosenberg Co; range.

34571 NE 8th Ave and E 11th St; owner, Cochrane & Ceill; contractor, T L Rosenberg Co; motors.

34572 300 Webster Street; owner, Poole; contractor, T L Rosenberg Co; outlets; switches; fixtures; plugs.

34573 NE 14th St 75 — 102nd Ave; owner, Doe; contractor, T L Rosenberg Co; 15 outlets; 4 switches; 15 fixtures; 4 plugs.

34574 523-27 E 14th St; owner, Wendt; contractor, T L Rosenberg Co; 27 outlets; 6 switches; 27 fixtures.

34575 2740 Broadway; owner, J E French Co; contractor, T L Rosenberg Co; 14 outlets; alterations.

34576 SE MacArthur and Broadway; owner, Frethy; contractor, T L Rosenberg Co; motor for saw.

34577 364 45th St; owner, Sibillis; contractor, Crescent Elec Co; 4 outlets; 6 fixtures.

34578 5424 Bryant Ave; owner, Jameson; contractor, Crescent Elec Co; 3 outlets; 1 switch; 1 fixtures; 2 plugs.

34579 900 High St; owner, L A Young; contractor, Pacific Electric Motor Co; alterations.

Engineering Section

33—WATERWORKS

January 7, 1946

CONTRACT AWARDED

SACRAMENTO COUNTY, Calif.—W. G. Davis, 935 Forum Bldg., Sacramento, at $10,175, awarded contract by the U. S. Engineer Office, Wright Bldg., Sacramento, under Spec. 1205 for the construction of toe dike on west levee of Sacramento and Bryte Bend.

January 7, 1946

BIDS OPENED

WILMINGTON, Los Angeles Co., Calif.—M. F. Kemper Construction Co., 3701 Overland Ave., Los Angeles, at $144,264, submitted the low bid to the Los Angeles Water and Power Purchasing Agent, Room 1202, 311 S. Spring St., Los Angeles, December 27, for the installation and testing of condenser circulating water piping, complete with all appurtenances at the department's Harbor steam plant, Island Ave. and B St., Wilmington; Specification No. 9187.

Bids were submitted as follows:
(1) lump sum, installation of condenser circulating water piping, complete with appurtenances;
  (a) install and test complete 36-inch pipe, valves and fittings;
  (b) install and test complete 18-inch pipe, valves and fittings;
  (c) all concrete work required.
(2) furnishing, unloading and placing spare parts.

Complete bids were:

M. F. Kemper Construction Co., (1) $144,264, (a) $95,104, (b) $38,905, (c) $10,255, (2) $1000.

Associated Piping & Engineering Co., (1) $147,606.78, (a) $102,600, (b) $38,212, (c) $6794.78, (2) $909.88.

James W. Huntley, (1) $151,729, (a) $101,654, (b) $39,425, (c) $10,650, (2) $1250. 33

Machinery & Material

SAN FRANCISCO CITY

SAN FRANCISCO.—Until Jan. 18, 3 P. M., bids will be received by M. H. Gerry, Purchaser of Supplies, 270 City Hall, under Bid No. 3452 for furnishing and delivering two Hot Material Distributors for the Department of Public Works.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until Jan. 18, 3 P. M., bids will be received by M. H. Gerry, Purchaser of Supplies, 270 City Hall, under Inv. No. 3454 for furnishing and delivering to Riverbank, Calif., 1000 25,000-lb. units Suspension Insulators and fittings for Hetch Hetchy System.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until January 18, 3 P. M., bids will be received by M. H. Gerry, Purchaser of Supplies, 270 City Hall, San Francisco, under Bid No. 3452 for furnishing and delivering two hot material distributors for the Department of Public Works.

Specifications obtainable from the above office.

RECLAMATION BUREAU

CENTRAL VALLEY PROJECT.—Until Jan. 15, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Customhouse, Denver, under Inv. D-33,251-A for 38,500 suspension type high voltage insulators fob shipping point and/or Sacramento, for Oroville - Sacramento 230-kv transmission line, Shasta switchyard, Keswick Switchyard and Substations, Central Valley Project.

Specifications obtainable from the above office.

STATE PURCHASING AGENT

SACRAMENTO, Cal.—Bids will be received by the State Purchasing Agent, Sacramento, for materials and equipment as follows:

January 11

QUO. 29097; Req. 21601:
1000 No. 6 electric exploders, 10-ft. leads; 1500 do, 16-ft. leads; 1500 do with 20-ft. leads; 1000 do with 24-ft. leads; 12 powder tamping sticks 1x20-ft. round fir or pine, fob Yreka.

QUO. 29306; Req 76022:
1000 tons plant mix surf. ⅜-inch maximum rick, SC-4 liq. asph., vendor's plant Dist. 7.

QUO. 28365; Req. 86953:
½-ton 30 to 50 pene. air refined asph. in cardboard containers, fob Yermo.

January 15

QUO. 28654; Req. N-76:
1 MDL 160 John Deere A tractor, or equal;
1 John Deere 2-row cultivator, or equal, with power lift;
1 John Deere 999-L-2 row corn planter, or equal;
1 No. 596 John Deere wheel and reel in line type side delivery rake, or equal;
1 No. 5 tractor drawn power mower with rubber tire caster wheel, or equal;
1 No. 75 power lift sweep rake;
1 John Deere, or equal, motor hay press,
Fob Yountville.

January 17

QUO. 29249; Req. 2465:
1 pneumatic tired wheel type tractor with ⅝-yd. front end loader, fob San Diego.

January 24

QUO. 29245; Req. 11151:
100 more or less house trailers, vendor's place of business or factory.

Prospective Bidders

Garage and Sales Building, Mill Valley, Calif.

BIDS: c/o Architect Winfield H. Hyde, 251 Kearny St., Room 205, San Francisco (EXbrook 8361), for Tamalpais Motor Sales, Oliver Sollom, owner; January 11, 4 P. M.

De Lucca & Son, 1745 Filbert St., San Francisco.

Litchfield Construction Co., 271 Francisco Blvd., San Rafael.

John Rocco, 415 4th St., San Rafael.

Younger Construction Co., 575 Mission St., San Francisco.

Parker, Steffens & Pearce, 135 South Park, San Francisco.

Howes & Whitaker, 626 Russ Bldg., San Francisco.

John Leibert & Son, 211 Albert St., San Rafael.

M. J. King, Inc., 231 Franklin St., San Francisco.

Stolte, Inc., 8451 San Leandro St., Oakland.

Alter Hotel Drake-Wilshire, San Francisco, Calif.

BIDS: Walter M. Ballard Corp., Hobart Bldg., San Francisco, for John B. Quigley, January 11, 2 P. M.

Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., San Francisco.

Swinerton & Walberg Co., 225 Bush Street, San Francisco.

Howes & Whitaker, 626 Russ Bldg., San Francisco.

Barrett and Hilp, 918 Harrison St., San Francisco.

Prefabricated School Bldg., Concord, Calif.

BIDS: Concord Elementary School District, Willow Pass Rd., Concord, January 11, 4:30 P. M. Plans prepared by Architects Dragon & Schmidts, 2068 Allston Way, Berkeley 4.

Willis F. Lynn, 1040 Folger Ave., Berkeley.

Wm. M. Greuner Jr., 2727 Parker St., Berkeley.

M. J. King, Inc., 231 Franklin St., San Francisco.

Rademann-Giusto, 40 Ringold St., San Francisco.

C. F. Parker, 1644 Monterey Blvd., San Francisco.

Hayward Union High School Building, Hayward, Calif.

BIDS: Hayward Union High School District, Foothill Blvd., Hayward, January 8, 3 P. M. Plans prepared by Architects Dragon & Schmidts, 2068 Allston Way, Berkeley.

H. W. Suttle, 1345 B St., Hayward.

George Petersen & Son, 1841 Bancroft Ave., San Leandro.

M. J. King, Inc., 231 Franklin St., San Francisco.

Close & Lewis, 721 C St., Hayward.

Arthur Holyoake, 2839 East Ave., Hayward.

Empire Construction Co., 344 Harriet St., San Francisco.

William M. Greuner Jr., 2727 Parker St., Berkeley.

Alter Store Building, Cor. Grant Ave. and Maiden Lane, San Francisco

BIDS: Architect William G. Merchant, 57 Post St., San Francisco, January 11, 3 P. M., for Hale Bros.

Doty & Lockwood, 2003 E. 14th St., Oakland.

Cosca & Marquis Construction Co., 3000 E. 14th St., Oakland.

Empire Construction Co., Russ Bldg., San Francisco.

Buildings and Services for Reserve Fleet Berthing, Mare Island, Calif.

BIDS: Officer in Charge of Construction, Public Works Department, Mare Island; NOy 13295, Spec. 17450; Jan. 14, 11 A. M.

Barrett & Hilp, 918 Harrison St., San Francisco.

M. & K. Corp., 200 Financial Center Bldg., San Francisco.

Parker, Steffens & Pearce, 135 South Park, San Francisco.

Moore & Roberts, 693 Mission St., San Francisco.

Johnson, Drake & Piper, 1736 Franklin St., Oakland.

A. J. Hopper Co., 243 Langton St., San Francisco.

Lawrence Construction Co., 3020 V St., Sacramento.

M. J. King, Inc., 231 Franklin St., San Francisco.

Peter Kiewit Sons Co., 442 Post St., San Francisco.

Robert McCarthy Co., 1050 Kirkham St., San Francisco.

Louis C. Dunn, 799 Monadnock Bldg., San Francisco.

J. H. Pomeroy Co., Inc., 333 Montgomery St., San Francisco.

Healy-Tibbitts Construction Co. & Duncanson-Harrelson Co., 1100 Evans Ave., San Francisco.

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PLANS and Speculations

Charles H. Purcell, Director of California's State Department of Public Works and Chief Engineer of the San Francisco-Oakland Bay Bridge, will have an honorary membership conferred upon him by the American Society of Civil Engineers. The honor will be a feature of the first postwar session of the society to be held Jan. 16 to 19 in Hotel Commodore, New York City.

oOo

Carl S. Warner and Frederick H. Barnes, Columbia Steel Corporation employees for the past thirteen years, have been named head engineers for the new $25,000,000 expansion program of the PITTSBURG plant. Warner now construction engineer, first worked at the Torrance branch as plant engineer. In 1938 he was transferred to Pittsburg in the same capacity and later became assistant to the general superintendent. Barnes started in the wire and nail mill in Pittsburgh, became assistant to works engineer, and in 1945 was promoted to project engineer.

oOo

Two new airports for SOLANO COUNTY may soon become a reality, it was disclosed recently when the Solano County Planning Commission approved the request of plans for the two sites as one phase in a major recreation plan for the county. One airport is located adjacent to Napa Road near the county line, and the other on the highway near Benicia.

oOo

County Surveyor Ernest Breuning reported success in convincing Army engineers it will be necessary for them to relocate and raise parts of the Ball's Ferry and Fish Hatchery roads in southern SHASTA COUNTY, when the Iron Canyon flood control projects are built. The cost of relocation and raising the level of the roads would be approximately $100,000. Two or three bridges would be involved. . . Application has been made by Breuning to the Public Roads Administration for approximately $5000 to restore part of an access road south of Palo Cedro, washed out in the recent storms. He stated, in addition, that he expects to have his plans for the first of the county's postwar road building projects, a link between Anderson and Cottonwod, read by late April. The project, a concrete highway, is expected to cost about $220,000, he said.

oOo

Residents of SOUTH SACRAMENTO are scheduled to go to the poles sometime in February to vote on a bond issue that will result in the construction of a sewer line.

INDUSTRIAL RELATIONS WORK STARTS

Public interest rather than special interests of either labor or industry will be the goal of the Institute of Industrial Relations in the University of California, according to a report submitted by a committee of faculty members and approved by the Regents on recommendation by President Robt. G. Sproul. This Institute, provided by act of the Legislature, will start operations immediately on two campuses, with Paul A. Dodd, associate professor of economics as director at Los Angeles, and Clark Kerr, associate professor of industrial relations, director at Berkeley.

One of the major aims of the Institute, it is announced, will be to make an impact on the community by offering facilities for the interchange of ideas and for the dissemination of the products of academic research and study. Three levels of citizenry, it is expected, may be affected. On the senior level for top officials of labor and industry, short sessions with out standing authorities or a current issue of importance, are planned. On the junior level, longer programs for the junior executive group in industry and the shop steward group in labor will be given, with attention directed to more technical subjects and basic training by evening course or seminar and the two week institute.

Efforts will be made to reach the public by existing channels, by extension courses, lectures, and work for specialized groups. Also there will be the regular course offerings for university students. Scholarships are to be provided, if possible, to enable junior executives of labor and industry to spend one or more semesters on the campus.

An advisory committee in each of the two major areas of the state, composed of representatives of labor, industry an the public, is planned as a method aligning the program with the needs of the community, and of interpreting it.

—V—

They all laughed when I came in with shorts on. Yes, yes. Then, when I sat down, they split.

Department of the Interior Announces Immediate Plans for Pacific Northwest

With a $20,000,000 supplemental appropriation and unexpended balances of $17,000,000 in regular appropriations available, the Bureau of Reclamation plans immediately to launch an accelerated construction program on irrigation and multiple-purpose projects in the Pacific Northwest, Regional Director R. J. Newell has announced.

Construction will be resumed or stepped up on nine projects in Idaho, Oregon, Washington and Western Montana, and investigations will be rapidly advanced to make early construction possible on two other major authorized projects, he declared.

The projects on which construction will be intensified are: Deschutes in central Oregon, Vale in southeastern Oregon, Owyhee in southeastern Oregon and southwestern Idaho, Anderson Ranch and Cascade Dams in southwestern Idaho, Minidoka in southeastern Idaho, Post Falls Unit of the Rathdrum Prairie Project in northern dIaho, Roza Division of the Yakima Project in south central Washington, and the Columbia Basin Project in eastern Washington. The approved projects on which investigations will be pushed are Palisades in southeastern Idaho, and Hungry Horse in western Montana.

The funds provided by Congress for the expanded Reclamation activity consist of a supplemental appropriation of $20,263,000 for the current fiscal year, made available late in December, a regular appropriation of $10,425,000, granted last summer, and an unexpended balance on June 30, 1945 of $6,511,452.

The following work is contemplated under the Bureau's immediate postwar program for the Pacific Northwest:

OREGON

Deschutes Project.

All phases of work on the Deschutes Project in central Oregon looking to the delivery of water next spring to approximately 20,000 of the 50,000 acres to be irrigated in the North Unit will be pushed with a supplemental appropriation of $1,000,000 plus unexpended balances of $2,035,584 made available for this purpose through regular appropriations. This program will include continuing construction of Wickiup Dam and clearing of the reservoir to permit using the full storage capacity, initiating channel improvement work on the Deschutes River, completing the main canal system for the initial 20,000 acres, completing work on lateral and sublateral canals in this area, and initiating construction of the main canal and laterals for the remaining 30,000 acres in the North Unit, some of which the Bureau hopes to be able to serve with water in 1947.

Owyhee Project.

On the Owyhee Project (Oregon-Idaho), the Bureau will construct a wasteway for the North Canal. Two wasteways were provided for in the original construction, but one was destroyed in an earth slide and the other cannot be operated at full capacity because of developments along the channel to the river. Rehabilitation of pumping plants originally installed by the Gem and Ontario-Nyssa irrigation districts and of laterals constructed by these districts is also planned. A supplemental appropriation of $190,000 is available for this work and the unexpended balance on June 30, 1945, was $59,145.

Vale Project.

The supplemental appropriation of $3,000 made available for the Vale Project in eastern Oregon will be expended in the construction of laterals to serve an additional 1,000 acres of land and n constructing drains to relieve water-logging in a small area.

IDAHO

Minidoka Project.

With the $720,000 supplemental appropriation made available for the Minidoka Project in southeastern Idaho, the Bureau hopes to make improvements in the 70-mile long Milner-Gooding Canal, which has been leaking excessively. The program will include construction of laterals and possibly lining of initial sections of the canal with gravel and earth. It is estimated that when this work has been completed, sufficient water will be conserved to irrigate approximately 18,000 acres north of Hazelton and Eden. The Bureau hopes that completion of the initial lining, together with the construction of secondary laterals, will permit delivery of a water supply to 5,000 acres in this area by the spring of 1947. No regular appropriation was made for this project.

Palisades Project.

The investigation program on the Palisades Project, situated near the Idaho—Wyoming border, which has been under way for approximately a year, will be carried forward as rapidly as possible with the additional $1,000,000 made available by Congress last month. This will lead to actual construction at the earliest opportunity. The dam will provide a full supply of water for a block of new land and supplemental supply for a large area in the Upper Snake River region, produce a sizeable block of hydroelectric power, and provide flood control benefits. In addition to the supplemental appropriation set aside for the work at Palisades, $450,000 is available from the regular appropriation. One June 30, 1945, the unexpended balance was $213,000.

Cascade Reservoir and Pumping Division, Boise Project.

Resumption of construction of the Cascade Reservoir and Pumping Division in southwestern Idaho, which was halted by the war, is being expedited. The project will provide a full supply of water for 25,000 acres of new land and a supplemental supply for 83,750 acres of irrigated land now subject to periodic shortages. Initial survey parties are already in the field and bids for the Cascade Dam, a 90-foot high earth- and rock-fill structure, will be called for this month. A call for bids will also be issued soon for completing the relocation of a portion of the McCall Branch of the Union Pacific Railroad. Relocation of 11½ miles of highway is scheduled to begin next spring. Considerable other work, including construction of a major pumping plant and lateral systems, also is contemplated. An unexpended balance of $1,494,954 and a $2,000,000 supplemental appropriation are available for this work.

Anderson Ranch Dam, Boise Proj.

Construction of Anderson Ranch Dam, near Boise, which has progressed to a point where approximately 80,000 acre-feet of water can be stored next spring to provide a supplemental supply for the Boise Valley, will be advanced at maximum speed under the current program. A total of $3,000,000 was made available for this work in the regular appropriation bill and $1,925,000 was granted in the supplemental measure. The work program will include additional earth, gravel, and rock to the 5½ million cubic yards of material already in the dam (ultimately it will contain 8,650,000 c.y.), additional clearing in the reservoir, purchase of additional right-of way, relocation of roads, initiating construction of a 27,000-kilowatt powerplant and a transmission line from the dam to Mountain Home, Idaho, to furnish irrigation power for the Boise and Owyhee Projects. Plans are also being made to enlarge the outlet works of Arrowrock Dam, downstream from Anderson Ranch Dam, to make flood control operations more effective.

(Continued on Page Four)

REPAIR PARTS ARRIVING AT GRAND COULEE

Steel plates and trusses to be used in constructing a floating caisson for repairing the spillway bucket of Grand Coulee Dam are being received at Coulee Dam from the American Bridge Company of Gary, Indiana, under a $223,000 contract, Bureau officials report.

Preparing for building of the caisson, crews are installing huge steel gates in the concrete drydock on the east bank of the Columbia below the dam. Upon completion of this work, the caisson parts will be moved into the drydock and assembly begun. The gates, which will form the opening to the drydock and permit floating of the caisson to the spillway nearby, also were fabricated by the American Bridge Company under a separate contract.

Approximately $250,000 in equipment remains to be supplied for the floating caisson. One is a $55,000 item for rubber seals which will line the curved sides and the ends of the caisson to prevent inflow of water when it is placed in position on the dam.

Bureau officials said the caisson probably will not be put into use until the fall of 1946.

GROOVER AND I

DEMOBILIZATION

Marching and demonstration by Army personnel who want to return home is causing concern. It is startling because it is not in keeping with our ideas of military conduct and discipline. On the other hand, it must be remembered that during mobilization these boys were promised many things . . **promises which they accepted in good faith !**

★ ★ ★

When Death was only a split-second away, they did not hesitate to go forward, regardless of the seeming odds against them. Their buddies dropped around them but they kept advancing, as someone MUST get through. **They did not ask a priority on Life when the air was filled with Death !**

★ ★ ★

Now, on the stupid side: Before Christmas the Lieutenant General commanding the Air Transport Command announced brightly that more than 60 per cent of the ATC in the Pacific would be out by January 1. This may be one of the reasons many Pacific spots are isolated and by-passed.

★ ★ ★

For example, consider Okinawa, the invasion base which was never needed owing to the strategy of MacArthur, Nimitz, Halsey & Co. It is the hole in a doughnut yet 100,000 men are isolated there with no ATC which, among other things, means no airmail service.

★ ★ ★

We were urged to write letters to the boys when they were too busy fighting to read and many letters didn't get there anyway. Now is the time letters and ATC service would pay off.

★ ★ ★

Who am I to criticize the action of a 3-star General? Yet, in my book this is the last arm of the service which should have been depleted or discharged.

—V—

ALUMINUM RAILING

A 4,300-foot aluminum railing, which will be the longest continuous lighted railing in the world, is to be installed along the crest of the Grand Coulee Dam. The railing will be made of three aluminum tubular bars, with the top bar containing cold cathode tubes to light the 30-foot roadway which runs across the top of the dam 550 feet above bedrock.

NEW PLANNING BOOK HELPS THE BUILDER

Among the number of home planning books coming out these days, "Let's Plan A Peacetime Home" is unique in several respects and should prove a useful tool in the sales kit of a house builder or real estate man.

The authors are four nationally recognized home planning authorities. The publisher is Surface Combustion Corp., Toledo, Ohio, manufacturer of Janitrol heating equipment, but the book is in no sense an advertising prospectus for the publisher's products. On the contrary, it wraps up in one package the principal considerations for the prospective home owner. Room planning, architectural styles, selecting a site and location of the house on the site, household appliances and decorating are some of the subjects covered. On the subject of heating, the book explains all types of systems and discusses all the popular fuels.

The builder who loans or gives this book to his customer in the early stages of planning would help his customer in reaching a realistic approach to home planning without confusing him with those technical details which are the builder's concern. The buyer of a completed house who has read the book should be better able to recognize qualities which are not always appreciated by a novice.

The authors of "Let's Plan A Peacetime Home" are Mary Davis Gillies, home economics editor of McCall's magazine; Kenneth K. Stowell and Emerson Goble, editor and managing editor of Architectural Record; and H. V. Walsh, architect and writer. They present home planning and owning as a fascinating and profitable undertaking and show the reader how to do it wisely and well. The book should save the builder time in his customer dealings and help him to satisfy the home buyer's real desires.

The 114-page book is replete with photos and drawings of room arrangements, with special attention to kitchens, floor plans and renderings of medium-priced and low-cost homes designed by prominent architects from different sections of the country, remodeled homes before and after, and other attractive illustrations. hTe cost is $1.00 and the book may be obtained from Dept. PH, Surface Combustion Corp., Toledo 1, Ohio.

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BUILDING SECTION

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Wharves and Docks 18
Miscellaneous Construction 19
Misc. Supplies and Materials 20

3— CHURCHES

January 9, 1046

PLANNED
CHURCH BUILDING
SALINAS, Monterey County, Calif. Winham and Pajaro Sts.
Construction of church building to include a sanctuary, religious and educational buildings and recreational and social rooms.
Owner—United Presbyterian Church, Rev. M. L. Kemper, Nacional and Santa Barbara.
Architect—Not announced. 3

January 9, 1046

PLANNED
CHURCH
LODI, San Joaquin County, Calif. Central Ave. and Cherry Dr.
Construction of new church on site 135x300 feet.
Owner — Ebenezer Congregational Church, Rev. F. W. Gross, pastor, 515 S. Garfield St., Lodi.
Architect—Not announced. 3

January 9, 1946

COMPLETING WORKING DRAWINGS
INGLEWOOD, Los Angeles Co., Calif. — Architect Harry L. Pierce, 1443 Mt. Pleasant St., Los Angeles, is completing working drawings for a church to contain a 400-seat auditorium and complete educational and recreation facilities to be built at Queen St. and Hillcrest Blvd., Inglewood, for the Inglewood Presbyterian Church; frame and stucco construction; cost, $125,000. 3

January 9, 1946

CONTRACT AWARDED
LAS VEGAS, Nev. — J. Walter Johnson, 5205 Hollywood Blvd., Los Angeles, awarded contract for the construction of a frame and stucco church to contain 350 seats, a kitchen, Sunday school and social hall to be built at 9th St. and Bridger St., Las Vegas, Nev., for the First Baptist Church; 165x110 feet in area; cost, $65,000. Plans were prepared by Architect Harry L. Pierce, 1443 Mt. Pleasant, Los Angeles. 3

January 9, 1946

PREPARING PLANS
CHURCH BUILDING Cost, $40,000
DOS PALOS, Merced County, Calif.
Construction of new church building.
Owner—Dos Palos Methodist Church, Dos Palos.
Architect—Frederick L. Swartz, Rowell Bldg., Fresno. 3

4— FACTORIES AND WAREHOUSES

January 9, 1946

UNDER CONSTRUCTION
COMMERCIAL BLDG.
SANTA ROSA, Sonoma County, Cal. Santa Rosa Ave. and Tupper St.
Construction of combined showrooms and warehouse (55x90-ft.)
Owner—Lessard Equip. Co., E. H. Lessard, 320 4th St., Santa Rosa.
Architect — C. A. Caulkins, Rosenberg Bldg., Santa Rosa.
Contractor—Wm. B. Rapp Co., 705 Bennett Ave., Santa Rosa. • • 4

January 9, 1046

CONTRACT AWARDED
INDUSTRIAL BLDG. Cost, $50,000
EMERYVILLE, Alameda Co., Calif. 53rd and Horton.
Construction of one-story class C building.
Owner—Abbett Electric Co., 472 Tehama St., San Francisco.
Engineers—Ellison & King, 500 Sansome St., San Francisco.
Contractor — Christensen & Lyons, 3454 Harlan St., Oakland. • 4

January 9, 1046

FIRE LOSS
SANGER, Fresno Co., Calif—Fire recently destroyed an orange packing house owned by Albert, Nick and Mike Raymond, Sanger, Calif., with loss estimated at $36,000

January 9, 1046

FIRE LOSS
SANGER, Fresno Co., Calif.—Fire recently destroyed the Waverley Vineyard packing house owned by Bert Zook, Sanger, Calif., with damage estimated at $15,000.

January 9, 1046

FIRE LOSS
FAIRBANKS, Alaska.—Fire recently destroyed one-quarter of Fairbanks' business district, causing damage estimated at $500,000.

January 9, 1046

PLANS BEING FIGURED
LOS ANGELES, Calif.—L. A. Parker, architect-engineer, 408 S. Spring St., Los Angeles, is taking bids from a selected list of contractors for furnishing the structural steel for a new two- and part three-story reinforced concrete and structural steel bottling house to be built at 1910 N. Main St., Los Angeles, for the Los Angeles Brewing Co. The building will cover an area 150x440 ft. Bids are to be submitted in about 10 days.

The working drawings will be completed in about two weeks, at which time general contract bids will be asked from a closed, selected list of contractors. Separate bids are also to be taken on painting, roofing, terrazzo work, tile work and elevator.

Separate contracts have been awarded as follows: Plumbing to A. B. Jones Co., 5450 Alhambra Ave., Los Angeles; electrical work to Newbery Electric Corp., 1033 Venice Blvd., Los Angeles. 4

January 9, 1046

STARTING WORK
SEAL BEACH, Orange Co., Calif.—Austin Co., 777 E. Washington Blvd., Los Angeles, is starting work on the construction of a steel frame warehouse building at the Seal Beach plant of the Dow Chemical Co.; 60x100 ft. in area; estimated cost, $40,000. Plans were prepared by the Austin Co., 777 E. Washington Blvd., Los Angeles. 4

January 9, 1946

PLANNED
OLIVE PROCESSING PLANT,
WOODLAND, Yolo County, Calif. Pendergast and East St.
Construction of new olive processing plant, exterior of sheet metal or concrete, dimensions 100x75 ft.
Owner — Woodland Olive Products, Frank Lauricella, 810 Cross St., Woodland.
Architect—Not announced. • 4

January 9, 1946

PLANNED
OAKLAND, Alameda Co., Calif.—The Oakland Port Commission, foot of Grove St., Oakland, has granted permission to the Curtola Co., 1051 19th Ave., Oakland, to construct a 26x105-ft. addition to its sheet metal shop building. 4

January 9, 1946

CONTRACTS AWARDED
WEST LINN, Ore.—L. H. Hoffman, 715 SW. Columbia, Portland, Ore., awarded contract by Crown Zellerbach Corp., Box 3384 Terminal Station, Seattle, for construction of coating preparation plant, rebuilding of Mill D and construction of 75-ton bleach plant. 4

January 9, 1946

PLANNED
PORTLAND, Ore.—Reimers & Jolivette, Railway Exchange Bldg., Portland, Ore., will erect a reinforced concrete, steel plant building at the northwest corner of NW. 25th Place and Nicolai for Mercer Steel Co., Inc., 838 NW. 13th St., Portland, Ore.; 100x200 feet in area, with a special high ceiling for traveling cranes, installation of a spur track and 5000 square feet black-top parking area. Reimers & Jolivette will take sub-bids and plan to start construction within two weeks; cost, between $60,000 and $70,000. Plans were prepared by Lamond F. Henshaw, civil engineer, 4006 NE. Davis, Portland, Ore. 4

January 9, 1946

PLANNED
INDUSTRIAL PLANT Cost, $100,000
FRESNO, Calif. Nielsen Ave. between Fruit and West Aves.
Construction of dry yard, packing sheds, receiving and box yard, sulphur houses and warehouse.
Owner—Vagim Packing Co., Edward J. Vagim, Tuolumne & G Sts., Fresno.
Architect—Not announced. • 4

January 9, 1946

PLANNED
WINERY Cost, $150,000
HOLLISTER, San Benito County, Calif. Cienega.
Construction of new winery, including bottling and binning rooms, storage space and offices.
Owner—W. A. Taylor & Co. Winery, C. Wilczewski, vice-president, Hollister.
Architect—Not announced. 4

January 9, 1946

WORK STARTED
FACTORY ADDN. Cost, $12,000
EMERYVILLE, Alameda Co., Calif. 1335 Stanford Street.
Construction of one-story brick factory addition and alterations to existing building.
Owner—E. J. Chubbuck Co., Inc., 1335 Stanford St., Emeryville.
Engineer—R. H. Cooley, 959 33rd St., Oakland.
Contractor—B. & R. Constr. Co., 268 Market St., San Francisco. • • 4

January 9, 1946

PLANNED
CHURCH Approximate Cost, $10,000
WOODLAND, Yolo County, Calif. Court St. between Grand Ave. and Cleveland St.
Construction of new church.
Owner — Full Gospel Church, Rev. Harold D. Bryam, pastor, Woodland.
Plans by W. C. Helms, 1759 Broadway, Oakland.

First unit of construction scheduled for completion April 1; work will be done on cost-plus basis. • 3

7—FEDERAL BUILDINGS

January 9, 1046

BIDS WANTED
CORONA, Riverside Co., Calif.—Until January 24, 11 A. M., bids will be received by the U. S. Navy, Public Works Office, U. S. Naval Base, Terminal Island (San Pedro), for the construction of miscellaneous alterations to the U. S. Naval Hospital, Corona; Specification No. 17194.

The work involves the construction of sundecks for 30 wards, covered passageways, alterations to existing buildings to provide bake shop, installation of an elevator and bakery equipment; 24,000 square feet of linoleum floor covering, 5000 lineal feet of concrete curbing, 800 lineal feet of 8-foot concrete ramp and miscellaneous repairs to gutters and roads.

Plans and specifications may be obtained from the above office upon deposit of $20, payable to the Chief of the Bureau of Yards and Docks. • 7

January 9, 1046

BIDS WANTED
SAN FRANCISCO.—Until January 23, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administratio,n 838 U. S. Appraiser's Bldg., San Francisco, for elevator repairs, etc., at 100 McAllister St. building, San Francisco.

Specifications obtainable from the above office of the district engineer. • 7

January 9, 1946

CONTRACT AWARDED
GRANTS PASS, Ore.—R. A. Newman, McMinnville, Oregon, at $3986 awarded contract by the office of the district engineer, Federal Works Agency, Public Buildings Administration, San Francisco, for interior and exterior painting ,etc., at U. S. Post Office, Grants Pass, Ore. • 7

9— HOSPITALS

January 9, 1046

PLANS BEING FIGURED—BIDS OPEN JANUARY 21, NOON
ALTER HOSPITAL
SAN FRANCISCO. Southern Pacific General Hospital, Fell and Baker Streets.
Exterior alterations of hospital building, involving new copings and cornices.
Owner—Southern Pacific Co., 65 Market St.
Plans by engineering department of owner.

The following contractors have been furnished with plans:

Swinerton & Walberg Co., 225 Bush St., San Francisco.
Central California Construction Co., 116 Erie St., San Francisco.
A. M. Hardy, 736 Clementina St., San Francisco.
Russell A. Cullen, 478 Jackson St., San Francisco.
Jacks & Irvine, 620 Market St., San Francisco.
Rademann-Giusto, 40 Ringold St., San Francisco. • 9

January 9, 1046

CONTRACT AWARDED
ISOLATION WARD Contract Price, $23,195
AUBURN, Placer County, Calif.
Construction of reinforced concrete isolation and observation ward (housing 8 beds) at the county hospital.
Owner—Placer County, L. Rechnenmacher, clerk, Courthouse, Auburn.
Architect—George C. Sellon, California State Life Bldg., Sacramento.
Contractor — G. S. Herrington, c/o post master, Auburn.

Other bids were submitted by Chittenden & Chittenden, Auburn, and Minton & Kubon, San Francisco, and were rejected. • 9

January 9, 1946

PREPARING PLANS
HOSPITAL Cost, $200,000
TRACY, San Joaquin County, Calif. W. Eaton Ave.
Construction of 40-bed hospital building.
Owner—Tracy Community Memorial Hospital, C. E. Ritter, general chairman, Tracy.
Architect—Frederick L. Swartz, Rowell Bldg., Fresno. • 9

10— HOTELS

January 9, 1946

CONTRACT AWARDED
LOS ANGELES, Calif. — Stronach Construction Co., 115 N. Robertson Blvd., Los Angeles, has the contract for the construction of a 2-story and basement hotel building at the northwest corner of Orange and Crescent Heights Blvd., Los Angeles, for Chas. Wagner. It will cover an area 89x103 feet and will contain 40 rooms; cost, $150,000. Plans prepared by Architects Allen & Lutzi, 6112 Wilshire Blvd., Los Angeles. 10

13— PUBLIC BLDGS. FIRE HOUSES, JAILS

January 9, 1946

BIDS WANTED
SAN FRANCISCO.—Until January 22, 3 P. M., bids will be received by the Public Utilities Commission, Room 287 City Hall, under Municipal Railway Contract No. 245 for repairing Bryant St. warehouse.

Specifications obtainable from the cashier's office, sixth floor, 425 Mason St., upon deposit of $10. • 13

January 9, 1946

PLANS COMPLETED
GARAGE Approx. Cost, $25,000
OAKLAND, Alameda Co., Cal. East 14th St. at 25th Avenue.
Construction of one-story brick exterior garage building (60x120-ft.) with wood trusses.
Owner—Phil Davis, Chyrsler Distributor. 2547 E 14th St., Oakland.
Architects—Reynolds & Chamberlain, 3833 Piedmont Ave., Oakland.
Contractor—Willis F. Lynn, 2040 Folger Ave., Berkeley. • • 13

14— RESIDENCES

January 9, 1946

PLANNED
OFFICE BLDG. Cost, $75,000
SAN MATEO, San Mateo Co., Calif. Second Avenue across from the junior college gymnasium and San Mateo Clinic.
Construction of two-story structure, to house doctors' and dentists' offices on second floor and a large store on first floor.
Owner—Dr. G. L. Snell, 205 3rd Ave., San Mateo.
Architect—Not Announced. • • 16

January 9, 1946

PLANNED
LOS ANGELES, Calif. — Bershon Realty Co., 6633 W. Manchester Ave., Venice District, will build 21 three- and four-family, 15- and 20-room, frame and stucco apartment buildings in the 5900 block Guthrie Ave., Venice District, for Nate Bershon, 6633 W. Manchester Ave., Venice District. The buildings will cover an area of 32x71 feet and 32x79 feet; cost, $360,000. 14

January 9, 1946

BIDS OPENED
PITTSBURG, Contra Costa Co., Cal. —Pacific Pine Line, 2128 San Pablo Ave., El Cerrito, at $23,955 submitted low bid to the City of Pittsburg, F. R. Taormina, City Clerk, Council Chamber, City Hall, for housing erection and completion of addition to the filtration plant of the City of Pittsburg.

Other bidders were:

Adam & Arras & Son, 116 New Montgomery St., San Francisco, $30,917

Southern California Constr. Co., $31,055.

Bids held under advisement until next meeting of the City Council on Saturday. • 14

January 9, 1946

PLANS BEING FIGURED
RESIDENCE Cost, $10,000
VALLEJO, Solano County, Calif.
Construction of one-story frame and stucco residence.
Owner—Donald D. Duncan, c/o Arch.
Architect—Frederick H. Reimers, 79 Post St., San Francisco.

Plans are being figured by contractor E. J. Lehman, 51 Sharon St., San Francisco. • • 14

January 9, 1946

PLANS BEING FIGURED
RESIDENCE Cost, $30,000
SAN FRANCISCO. St. Francis Wood
Construction of two-story frame residence.
Owner—Dr. Morton Gibbons, care of Architect.
Architect—Frederick H. Reimers, 79 Post Street.

Plans are being figured by contractor E. J. Lehman, 51 Sharon St., San Francisco. • • 14

15— SCHOOLS

January 9, 1046

BOND ELECTION
EL MONTE, Los Angeles Co., Calif. —The voters of the El Monte Union High School District will vote January 29 on the proposal to issue bonds in the amount of $900,000 for a new high school plant at Mission Dr. and Encinita Ave., in the Rosemead District. Kistner, Curtis & Wright, Architects Bldg., 816 W. 5th St., Los Angeles, are architects for the district. • 15

January 9, 1046

CONTEMPLATED
OILDALE, Kern Co., Calif.—Standard School District, R W. Inness, chairman, Oildale, is contemplating construction of a school building in Oildale, Kern County, for the district; estimated cost, $250,000. Plans will be prepared by Architect Charles H. Biggar, Haberfelde, Bldg., Bakersfield. A bond election will be held in January. 15

January 9, 1946

PLANNED
REMODEL SCHOOL Cost, $50,000
TRACY, San Joaquin County, Calif.
Remodel or replace Lammersville School.
Owner—Lammersville School District, c/o Mrs. Minnie Anderson, clerk, Route 1, Box 148, Tracy.
Architect—Not announced.

The district has recently voted to issue bonds in the amount of $50,000 to finance above construction. 15

BONDS VOTED
INDIO, Riverside Co., Calif.—The voters of the City of Indio, Riverside County, December 21, approved the issuing of bonds in the amount of $235,000 for financing construction of a new elementary school on a 10-acre site opposite the Roosevelt School in the City of Indio. Plans have already been prepared and it is hoped to have the building erected by next September. 15

January 9, 1946

CONTRACTS AWARDED
VAN NUYS, Los Angeles Co., Calif. —Brunzell Construction Co. and V. O. Brunzell, 14715 La Salle, Gardena, at $122,769, awarded a contract by the Los Angeles Board of Education, 1425 S. San Pedro St., Los Angeles, for the construction of an administration building and a classroom building at the Riverside Dr. School, 13061 Riverside Dr., Van Nuys. Other contracts awarded were: Electrical work, Golden State Electrical Co., Inc., 1515 W. 7th St., Los Angeles, at $7285; plumbing and heating, Hickman Bros., 471 W. 8th St., San Pedro, at $19,882; painting, Hegemier & Minnick, 1027 N. Berendo, Los Angeles, at $6225. Bids were received December 14. Plans were prepared by the architectural section of the board, A. S. Nibecker Jr., architect, 1425 S. San Pedro, Los Angeles. 15

January 9, 1946

BOND ELECTION
SCHOOL ADDITIONS Cost $800,000
REDWOOD CITY, San Mateo County, Calif. Sequoia High School.
School additions including machine shop and mechanical drawing building, $69,000; recreation bldg., $18,000; new main boys' gym. room, $137,000; 16-room commercial wing, $119,500; little theatre, $40,000; auto shop - aeronautics-forging and welding unit, $72,400; improve girls' gym., $53,500; homemaking - fine arts, language and mathematics bldg., $190,530; fundamental shop unit, $25,000; remodeling academic bldg., $15,000; cafeteria and health unit, $17,000.
Owner—Sequoia Union High School Dist, A. C. Argo, Supt., Broadway, Redwood City.
Architect—Not Announced.

The District will vote March 19 on a proposal to issue bonds in the amount of $1,500,000 to finance the above construction and two new school buildings. • • 15

January 9, 1946

BOND ELECTION
HIGH SCHOOL Cost, $350,000
REDWOOD CITY, San Mateo County, Calif. Menlo Park area.
Construction of new high school bldg. to include 12 classrooms, 3 science laboratories, clothing laboratory, office, service area, cafeteria. a little theater with capacity of 400 seats, general shop and gymnasium.
Owner—Sequoia Union High School Dist. A. C. Argo, Supt., Broadway, Redwood City.
Architect—Not Announced.

The District will vote March 19 on a proposal to issue bonds in the amount of $1,500,000 to finance the construction of above project and two other projects. • • 15

January 9, 1946

BOND ELECTION
ENLARGE SCHOOL Cost, $70,000
SANTA CRUZ COUNTY, Calif.
Additions and alterations in present school building.
Owner—Soquel School Dist., Soquel.
Architect—Not Announced.

District will vote February 14 on a proposal to issue bonds in amount of $70,000 to finance above construction. • • 15

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Edgemont School Addn., San Bruno; Bids open January 11, 8 P. M.
Richard Delucchi & Co, 420 San Mateo Ave., San Bruno (San Bruno 974)
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Midstate Constr. Co., 1297 Bush St., San Francisco (ORdway 4638).
M. K. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).

Alter Bldg., Grant Ave. and Maiden Lane, S. F.; Bids open Jan. 11, 3 PM.
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616).
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
G. P. W. Jensen & Sons, Inc., 320 Market St., S. F. (GArfield 2444).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
H. H. Larsen Co., 64 South Park San Francisco (EXbrook 3190, 3191)

Alter Hotel Drake Wilshire, San Francisco; Bids open Jan. 11, 2:00 P. M.
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).
M. K. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).

Alter Admin. Bldg., Golden Gate Bridge; Bids open January 11.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Midstate Constr. Co., 1297 Bush St., San Francisco (ORdway 4638).
Adam Arras & Son, 116 New Montgomery St., S. F. (GArfield 8381).
Empire Constr. Co., Ltd., 344 Harriet St., S. F. (HEmlock 3400).
H. H. Larsen Co., 64 South Park, San Francisco (EXbrook 3190, 3191)
R. A. Cullen, 478 Jackson Street, San Francisco (SUtter 1951).
Haas Constr. Co., 328 Marchants' Exchange Bldg., S. F. (EXbrook 1205).

Tamalpais Motor Sales Bldg., Mill Valley; Bids open Jan. 14, 4 P. M.
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Youngberg Constr. Co., 575 Mission St., San Francisco (SUtter 8266)

Prefabricated School Bldg., Williams Sch., Concord; Bids open Jan. 11, 4:30
Wm. M. Greuner, Jr., 2727 Parker St., Berkeley (BErkeley 2877)
M. J. King, Inc., 231 Franklin St.. San Francisco (UNderhill 8209).
Willis F. Lynn, 1040 Folger Ave., Berkeley (BErkeley 6044).

Bldgs., Services, Reserve Fleet Berthing, Mare Island; NOy 13295; Spec. 17459; Bids open January 14, 11 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).

Ward Bldgs., Stockton State Hosp., Stockton; Bids open Jan. 29, 2:00 P. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).

Market and Store Bldg., Mill Valley; Bids open January 14, 4 P. M.
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Youngberg Constr. Co., 575 Mission St., San Francisco (SUtter 8266)

Peninsula Ave. Overcrossing, San Mateo; Bids close Jan. 16, 2 P. M.
M. & K. Corp., 200 Financial Center Bldg., S. F. (Ebrook 7624).
Robt. McCarthy Co., 1050 Kirkham St., S. F. (OVerland 4050).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
Carl N Swenson Co., 355 Stockton Ave., San Jose 4 (BAllard 2602).

Danforth Building, Oakland; Bids open anuary 12.
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).

Alter Continental Bakery, York & Alameda, S. F.; Bid opening date not set
G. P. W. Jensen & Sons, 320 Market St., S. F. (GArfield 2444).
Jacks & Irvine, 620 Market Street, San Francisco (GArfield 2106).
R. A. Cullen, 478 Jackson Street, San Francisco (SUtter 1951).

Conversion Bldg., No. 401, S. F. Naval Shipyard, San Francisco; Bids open January 31, 11 A. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).

Exterior Alterations, Southern Pacific Hospital, San Francisco; Bids open January 21, Noon.
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)

Two Bridges, San Joaquin County; Bids close January 23, 2 P. M.
Carl N Swenson Co., 355 Stockton Ave., San Jose 4 (BAllard 2602).

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ADVANCE CONSTRUCTION REPORTS

January 9, 1946

BOND ELECTION

HIGH SCHOOL Cost, $350,000

REDWOOD CITY, San Mateo County, Calif. Bourdette property between San Carlos and Belmont.

Construction of new high school bldg. to include 12 classrooms, 3 science laboratories, clothing laboratory, office, service area, cafeteria, a little theater with capacity of 400 seats, general shop and gymnasium.

Owner—Sequoia Union High School Dist, A. C. Argo, Supt., Broadway, Redwood City.

Architect—Not Announced.

The District will vote March 19 on a proposal to issue bonds in the amount of $1,500,000 to finance the construction of above project and two other projects. • • 15

January 9, 1946

BOND ELECTION

SCHOOL ADDITIONS Cost $1,150,000

SAN MATEO, San Mateo Co., Calif.

Construction of immediate city-wide schoolhouse construction and improvement of existing school plant facilities.

Owner—San Mateo Elementary School District, Albion H. Horrall, superintendent of schools, 120 N. Ellsworth Ave., San Mateo.

District will vote February 26 on a proposal to issue bonds in the amount of $1,150,000 to finance schoolhouse construction, including:

(1) Borel School, two large wings and gymnasium, $254,200;
(2) Sunnybrae School, two classroom wings, administrative wing and cafeteria, $254,100;
(3) Baywood School, auditorium and play area, $95,475;
(4) Beresford School, replacement of old buildings with new wing, cafeteria and play area, $159,000;
(5) Hayward Park School, repairs and fixtures, $10,000;
(6) Lawrence School, classroom wing, $75,625;
(7) Laurel School, two classroom wings, administration wing, cafeteria and yard, $194,150;
(8) San Mateo Park School, repairs and fixtures, $10,000;
(9) Turnbull School, classrooms, etc., $63,225. • 15

January 9, 1946

PLANNED

CAFETERIA BUILDING

FOWLER, Fresno Co., Calif. Fowler Union High School.

Construction of addition to school gymnasium to house a cafeteria on the ground floor and to provide balcony seats for spectators on one side of the gymnasium.

Owner—Fowler Union High School Dist., A. D. Wilson, Jr.

Architect—Not Announced. • 15

January 9, 1946

BOND ELECTION

SCHOOL ADDN. Cost, $200,000

FAIR OAKS, Sacramento Co. Calif. Five miles of Roseville.

Construction of school addn. including addi. classrooms music department cafeteria shops etc.

Owner—San Juan Union High School District Wm. T. Mooney Principal, Fair Oaks.

Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

As previously reported, the district will vote February 1 on a proposal to issue bonds in the amount of $200,000 to finance construction. • • 15

January 9, 1946

BIDS OPENED

SCHOOL BUILDING

HAYWARD, Alameda County, Calif. Hayward Union High School.

Construction of two-story reinforced concrete building with student-body classrooms on first floor and superintendent's offices on second floor.

Owner—Hayward Union High School District, O. B. Paulsen, district superintendent, Foothill Blvd., Hayward.

Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.

Low Bidder—Wm. M. Greuner Jr., 2727 Parker St., Berkeley, $11,700.

Other bidders were:

Close & Lewis, Hayward, $14,291.

Geo. Peterson & Son, San Leandro, $14,600.

Chester A. Gossett, Hayward, $15,000.

M. J. King, Inc., San Francisco, $15,380.

Radimann - Giusto, San Francisco, $20,288.

All bids subject to the approval of the district attorney. • 15

January 9, 1946

COMPLETING WORKING DRAWINGS

ALTER STORE BUILDING Approximate Cost, $15,000

SAN FRANCISCO. 53 Brenham Place

Alterations and addition of one-story to store building.

Owner—Ong Tong Yuan, c/o architect.

Architect — Francis Lai Chinn, 622 Washington St., San Francisco.

Plans will be completed and bids asked in about one week or ten days. • 16

16— BANKS, STORES AND OFFICES

January 9, 1946

PLANNED

COMMERCIAL BUILDINGS Cost, $100.000

SAN MATEO, San Mateo Co., Calif. Second Ave. and San Mateo Dr.

Construction of three steel and concrete stores on site of Pattison's garage.

Owner and Builder—Ross H. Chamberlain, Ltd., 680 Laurel St., San Carlos.

Engineer — George Washington, 417 Market St., San Francisco. • 16

January 9, 1946

PLANNED

RESTAURANT Cost, $16,000

RENO, Washoe Co., Nev. 349 Sierra Street near 4th St. intersection.

Construction of drive-in restaurant to be known as Gabe's Drive-Inn, having booths & a counter seating 72 persons, and accommodations for 60 vehicles in parking lot. Building to be of horseshoe shape, with curved front completely glassed in. Material will be cement blocks.

Owner—A. W. "Gabe" Noah, Reno.

Architect—David Vhay, Reno.

Contractor—A. V. Linville, Reno. • 16

January 9, 1946

PLANNED

SUPER-MARKET Cost, $350,000

SACRAMENTO, Calif. S. side Broadway between 30th St. and Alhambra Blvd.

Construction of steel and reinforced concrete super-market building to contain 20,000 sq. ft. merchandising space, parking space, etc.

Owner—Lucky Stores, Inc., 377 2nd St., Oakland.

Architect—Not announced. • 16

January 9, 1946

PLANNED

STORE BUILDING

SAN LEANDRO, Alameda Co., Cal. Georgia Way and E 14th Street.

Construction of a 40-ft. corner store, with two 20-ft. stores adjoining, building to be of brick construction with green vitrolite slab facing with glass brick and smooth sea foam green light.

Owner—L J. Freeman, 4165 Redding, Oakland.

Architect—Not Announced. • 16

January 9, 1946

WORK STARTED

RECREATION CENTER Cost, $126,880

STOCKTON, San Joaquin Co., Calif. Corner Hunter and Lafayette Sts

Two-story and basement reinforced concrete recreation center (50x 100-ft.), for Filipinos.

Owner—Withheld.

Architects—Mayo & Johnson, 307 Exchange Bldg., Stockton.

Contractor—John Hachman, Box 206 Stockton.

Work has started on the basement and concrete work of first floor; completion of balance of work pending outcome of meeting scheduled for January 15. • • 16

January 9, 1946

TO TAKE BIDS

REMODEL OFFICE BLDG. Cost, $4500-5000

SONOMA, Sonoma County, Calif.

Remodel office building.

Owner—Ray Grinstead, Sonoma.

Architect—Frederick H. Reimers, 79 Post St., San Francisco.

Plans have been completed and bids will be asked by the owner shortly. • • 16

January 9, 1946

PREPARING PLANS

AUTO SALES BUILDING

NEAR LAFAYETTE, Contra Cost Co., Calif. Tunnel Rd. near Reliez Valley-Martinez cutoff.

Construction of auto sales building.

Owner—Capt. A. G. Sanford, Lafayette.

Architect—Fred L. Confer, 1214 Webster St., Oakland. 16

17— THEATERS

January 9, 1946

PLANS COMPLETED

HAWTHORNE, Los Angeles Co., Calif.—Wm. D. Coffey, engineer, 930 Transamerica Bldg., Los Angeles, has completed plans for a reinforced concrete theater building, 75x137 feet in area, to be built at 357 N. Hawthorne Blvd., Hawthorne, for the Fox West Coast Theater Corp., 1609 W. Washington Blvd., Los Angeles; cost, $90,000. 17

19—MISC. CONSTRUCTION

January 9, 1946

BIDS WANTED

SAN DIEGO, Calif.—Until Jan. 25, 11 A. M., bids will be received by the U. S. Navy, Public Works Office, 11th Naval District, 1220 Pacific Highway, San Diego, for material and labor for the construction of additions and alterations to the existing station electrical distribution system and new facilities to provide adequate electrical services and outlets to Piers Nos. 6 and 8, San Diego; Spec. No. 17543.

The project includes the furnishing and installing of new transformers, switchgear, submersible air circuit breakers, manholes, conduit, cable, underground cableways, alterations to existing electrical equipment and other miscellaneous related work.

Plans and specifications available from the above office upon deposit of $15.00. • • 19

January 9, 1946

CONTRACT AWARDED

RATON, N. M.—Capital Construction Co., Room 33-35 Pena Plaza, Santa Fe, N. M., at $190,563.40, was awarded a contract by the Civil Aeronautics Administration, 4th Region, P. O. Box 1689, Fort Worth, Texas, for the construction of the Raton, N. M., airport, Raton, N. M.; Proposal No. 4-46-196. 19

January 9, 1946

PLANNED

MILTON, Ore. — Bonneville Power Administration, P. O. Box 3337, Portland, Ore., has announced that a five-mile, 69,000-volt transmission line will be constructed from the Walla Walla substation to supply the city of Milton, Ore., with electricity. 19

January 9, 1946

FUNDS GRANTED

SPOKANE, Wash.—Empire Rural Electrification, Inc., has been granted a Rural Electrification Administration loan allotment in the amount of $515,000 for the construction of 500 miles of power distribution lines in Spokane, Whitman and Garfield counties, Washington. The new lines will serve 600 new members. 19

January 9, 1946

BIDS OPENED

CAMPO, San Diego Co., Calif.—Vancott Co., 5024 W. Washington Blvd., Los Angeles, at $28,836.20, submitted the low bid to the Mountain Empire Electric Cooperative, Campo, Calif., December 20, for the construction of 7.5 miles of electric transmission line and a 1000 kva. substation near Campo, about 60 to 70 miles east of San Diego. A Rural Electrification Administration project. The line will begin about 0.5 mile west of Laguna junction, along Highway 80, to about 7 miles south of Buckner Springs. Plans and specifications were prepared by the Lowe Co., engineers and consultants, 315 Architects' Bldg., Los Angeles.

The total bids were:

Vancott Co., $28,836.20.

Philard, Inc., $28,993.

Drury Electric Co., $40,775.50. 19

January 9, 1946

PREPARING PLANS

LOS ANGELES, Calif.—Donald R. Warren Co., 500 S. Figueroa St., Los Angeles, is preparing plans for the construction of a 2-story concrete and steel nose hngar building at 5901 W. Imperial Highway, Venice District, for Transcontinental & Western Air, Inc., 670 W. 6th St., Los Angeles; 85x425 feet in area; estimated cost, $190,000. 19

January 9, 1946

PREPARING PLANS

BASEBALL PLANT Cost, $200,000

SACRAMENTO, Calif. Broadway & 11th Streets.

Construction of new reinf. concrete Edmonds Field to contain admin. office, restrooms, clubhouses, box seats, etc., with seating capacity of about 18,000.

Owner—Sacramento Baseball Association, 11th and Broadway, Sacramento.

Architect — Harry Devine, Cronan Bldg., Sacramento. • 19

January 9, 1946

PLANNED

FLEET BASIN

EUREKA, Humboldt Co., Cal. Humboldt Bay.

Construction of fleet basin to include docking berths, a 1000-ft. breakwater, entrance beacons, net repair sheds and lofts with storage lockers, marine railway and repair shop, restaurant, etc.

Owner—City of Eureka, City Hall, Eureka.

Marine Engineers—P. L. Joslyn and M. J. Ryan, 149 New Montgomery St., San Francisco. • • 19

20— MISC. SUPPLIES AND MATERIALS

January 9, 1946

BIDS WANTED

LAS VEGAS, Clark Co., Nevada.—Until Jan. 16, 10 A. M., bids will be received by the County Clerk of Clark County, Court House, Las Vegas, for one 26-ft. Deluxe enclosed cruiser motor boat with dinette, for use by the Clark County Game Warden. Specifications obtainable from the above county clerk. • • 20

January 9, 1946

BIDS OPENED

EL CENTRO, Imperial Co., Calif.—The Imperial Irrigation District, office of the board of directors, El Centro, Calif., received bids December 11 for (1) one 33,333 kva/26,667 forced-cooled, 20,000 kva., self-cooled, 3-phase, 50,807/88,000 (star), to 34,500 (delta) volts transformer with two spare bushings, and (2) two oil circuit breakers, 92 kv., 600 amp., complete with oil and accessories, Spec. No. 202, as follows:

Westinghouse Electric Corp., (1) $48,710, (2) $27,364.

Allis-Chalmers Manufacturing Co., (1) $40,185, (2) $27,404.

Maloney Electric Co., (1) $50,047.

General Electric Co., (1) $49,702, (2) $27,164.

Pennsylvania Transformer Co., (1) $49,316.

Kelman Electric & Manufacturing Co., (2) $21,300.

Pacific Electric Manufacturing Co., (2) $27,040. 20

January 9, 1946

CONTRACT AWARDED

LOS ANGELES, Calif. — General Electric Co., 2121 Vignes Ave., Los Angeles, at $158,675, awarded a contract by the Board of Commissioners, Los Angeles Water and Power Department, 311 S. Spring St., Los Angeles, for three 25,000 kva., 60-cycle, single phase, outdoor type, oil immersed, forced air cooled transformers with necessary oil and spare parts; Schedule 9140. 20

Engineering Section

NEWS INDEX

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21— BRIDGES

January 9, 1046

CONTRACT AWARDED

CENTRAL VALLEY PROJECT, California.—Consolidated Steel Corp. of Texas, Orange, Texas, at $9685, awarded contract by the Bureau of Reclamation, Denver, Colo., for furnishing and delivering to Friant, Calif., structural steel, including beams, anchor bolts for highway bridge at station 26 plus 12.36, Friant-Kern Canal, Friant Division, Central Valley Project, California; Spec. 1819-D. Bids received October 26. • 21

January 9, 1946

CONTRACT AWARDED

SAN DIEGO COUNTY, Calif.—Walter H. Barber, P. O. Box 1523, San Diego, and 4875 68th St., La Mesa, at $74,794.40, awarded contract by C. H. Purcell, state director of public works, Sacramento, for bridge construction in San Diego County, about six miles west of Campo, across Campo Creek (XI-SD-200-D). • 21

January 9, 1946

CONTRACT AWARDED

SANTA BARBARA COUNTY, Cal.—Dimmit & Taylor, 815 E. 59th St., Los Angeles, at $503,947.90, awarded contract by the State Division of Highways, C. H. Purcell, state director of public works, Public Works Bldg., Sacramento, for about 3.7 miles of grading and surfacing with plant-mix surfacing and constructing two reinforced concrete slab bridges between Hollister Wye and Fairview Ave., Santa Barbara County. • 21

January 9, 1946

CONTRACT AWARDED

AUBURN, Placer Co., Calif.—H. W. Ruby, Northrup Ave., Sacramento, at $88,550, awarded contract by the State Division of Highways, C. H. Purcell, state director of public works, Public Works Bldg., Sacramento, for constructing a steel beam span overhead crossing over the tracks of the Southern Pacific Co. in the City of Auburn, Placer County. • 21

January 9, 1946

BIDS WANTED

SAN FRANCISCO.—As previously reported, until January 30, 2:30 P. M., bids will be received by the Department of Public Works, Room 282 City Hall, under Spec. 19,851 for construction of Upper Army sewer system, section "A" in Church St. from 25th to 27th Sts.

Specifications obtainable from the office of City Engineer Ralph Wadsworth, City Hall, upon deposit of $10.

The work involves:

(1) 640 lin. ft. 6-ft. 6-in. diameter reinforced concrete sewer;
(2) lump sum, taper structure;
(3) 565 lin. ft. 5-ft. 9-in. diameter reinforced concrete sewer;
(4) 42 lin. ft. 2-ft. x 3-ft. reinforced concrete sewer;
(5) 117 lin. ft. 15-in. vitrified clay pipe sewer;
(6) 117 lin. ft. 18-in. vitrified clay pipe sewer;
(7) 64 lin. ft. 21-in. vitrified clay pipe sewer;
(8) 29 lin. ft. 24-in. vitrified clay pipe sewer;
(9) 8 each manhole on concrete sewer;
(10) 9 each manhole on pipe sewer;
(11) 417 lin. ft. 10-in. vitrified clay pipe culvert;
(12) 19 each catchbasins;
(13) 1215 lin. ft. 12-in. vitrified clay pipe sub-drain;
(14) 300 tons rock fill;
(15) 27,000 sq. ft. pavement excavation in track area;
(16) 2900 lin. ft. track removal;
(17) 600 cu. yds. excavation below pavement;
(18) 1200 cu. yds. crushed rock ballast (furnished and delivered);
(19) 2900 lin. ft. track construction;
(20) 100 each thermit weld joints;
(21) 10 each arc welded bonds;
(22) 27,000 sq. ft. asphaltic concrete wearing surface on concrete base;
(23) 1400 sq. ft. concrete base, conform pavement;
(24) 50 tons asphaltic concrete, conform pavement;
(25) lump sum, traffic routing work. • 21

23— CANALS

January 9, 1946

TOTAL BIDS

RIVERTON PROJECT, Wyo.—As previously reported, W. E. Barling, Meeteetse, Wyo., at $188,604.60 submitted low bid to the U. S. Bureau of Reclamation, Riverton, Wyo., under Spec. 1127 for construction of earthwork and structure, Pilot Canal, station 1841 to station 2002; Pilot Canal, laterals P36.5, P37.7N, and P37.7S, and sublaterals, Pilot Division, Riverton Proj., Wyo. The work is situated about 9 to 12 miles northeast of Riverton.

Other bidders were:

Malcolm C. Long, Billings, Mont., $220,073.50.

Sharrock & Pursel, Casper, Wyo., $229,830.

J. H. Cox and V B. Smith, Worland, Wyo., $231,996.

Otto B. Ashbach & Sons, St. Paul, Minn., $243,779.40.

Barnard-Curtiss, Minneapolis, Minnesota, $244,259.

Northwestern Engrg. Co., Rapid City, S. D., $303,204.90.

Morrison & Knudsen Co. Inc. Boise Idaho, $322,950.80.

Unit prices are on file at the office of Daily Pacific Builder, 465 10th St., San Francisco. • • 23

24—STREET LIGHTING SYSTEMS

January 9, 1946

BIDS WANTED

SAN FRANCISCO.—Until January 22, 3 P. M., bids will be received by the Public Utilities Commission, Room 287 City Hall, under Bureau of Light, Heat and Power Contract No. 41 for constructing street lighting system at Lombard and Richardson Ave. from Van Ness to Lyon St.

The work involves:

(1) lump sum, construct street lighting system;
(2) lump sum, furnish and install certain facilities for traffic signal systems.

Specifications obtainable from the office of cashier, sixth floor, 425 Mason St., upon deposit of $10. • 24

25—MACHINERY AND EQUIPMENT

January 9, 1046

CONTRACT AWARDED

CENTRAL VALLEY PROJECT, California.—Pacific Coast Engineering Co., Drawer E, Alameda, at $30,100, awarded contract by the Bureau of Reclamation, Custom House, Denver, Colo., for nine gate frames for fixed wheel gates to be installed at the intakes to the penstocks at Keswick Dam, Kennett Division, Central Valley Project, California; Spec. No. 1109. Bids were received November 23. • 25

January 9, 1046

CONTRACT AWARDED

CENTRAL VALLEY PROJECT, California. — Southwest Welding & Manufacturing Co., 3201 W. Mission Rd., Alhambra, at $18,730, awarded contract by the Bureau of Reclamation, Denver, Colo., for furnishing and delivering nine bulkhead gates for installation at the outlet ends of the turbine draft tubes in the Keswick power plant, Kennett Division, Central Valley Project, California; Specification No. 1115. Bids were received November 30. • 25

January 9, 1046

CONTRACT AWARDED

CENTRAL VALLEY PROJECT, California.—Willamette Iron & Steel Corp., Portland, Ore., at $4410, was awarded contract by the Bureau of Reclamation, Denver, Colo., for one 270-ton transformer-transfer car for the Keswick power plant, Kennett Division, Central Valley Project, California; Specification No. 1114. Bids were received November 27. • 25

January 9, 1046

BIDS OPENED

RICHFIELD, Utah. — Worthington Pump & Machinery Corp, 118 Motor Ave., Salt Lake City, Utah, submitted the low bid to the Garkane Power Association, Richfield, Utah, December 28, at (1) $32,382 for one diesel engine generating set, 250 kw. with auxiliaries for the Hatch, Utah, plant, and (2) $33,740 for one diesel engine generating set, 150 kw., for the Torrey, Utah, plant, Project No. 6-G, Garfield. Plans were prepared by Robert G. Harding, engineer, Utah Savings & Trust Bldg., Salt Lake City, Utah.

National Supply Co., Springfield, Ohio, submitted the only other complete bid at (1) $39,634, (2) $39,191.

Bids for switchboard and equipment only were submitted by the following:

General Electric Supply Co., 312 W. 2nd St., Salt Lake City, Utah, $5388.

Westinghouse Electric & Supply Co., $5868.16. 25

January 9, 1946

BID OPENED

MARIN AND NAPA COUNTIES, Calif. — A. J. McCosker, Eastshore Highway and Cedar St., Berkeley, at $8.40, $10.17 overtime (time and one-half), $11.94 (double time), transportation, $8.40, submitted only bid to John H. Skeggs, district engineer, State Department of Public Works, Division of Highways, District IV, 2001 Van Ness Ave., San Francisco, for rental of one (1) only ½-cu. yd. capacity gasoline engine powered truck crane, equipped with interchangeable clamshell bucket and dipper, for approximately 500 hours of work in Marin and Napa Counties. • 25

26— RAILROADS

January 9, 1046

BIDS WANTED

BOISE PROJECT, Idaho. — Until February 28, 10 A. M., bids will be received by Walker R. Young, chief engineer, Bureau of Reclamation, Boise, Idaho, for the completion of earthwork, structures, track and telegraph line relocation of Idaho Northern branch, Oregon Short Line Railroad (Union Pacific Railroad Co., lessee), Cascade to Donnelly, Cascade Reservoir, Payette Division, Boise Project, Idaho. The work is situated near Cascade, Idaho.

The principal items of work and the estimated quantities involved are as follows:

(1) 850,000 sta. cu. yds. overhaul;
(2) 42,000 cu. yds. excavation, common, for roadway;
(3) 40,000 cu. yds. riprap;
(4) 26,000 cu. yds. ballasting;
(5) 21,000 cu. yds. excavation, rock, for roadway;
(6) 1000 cu. yds. backfill;
(7) 1000 cu. yds. compacting backfill;
(8) 12.6 miles of fine grading;
(9) placing 400 track-feet of galvanized metal deck protection on trestles;
(10) erecting 231,000 lbs. of structural steel in bridge;
(11) laying 14.6 track miles of track;
(12) applying 8500 rail anchors;
(13) constructing 4 turnouts;
(14) constructing 1 mile of right-of-way fence;
(15) constructing 16 cattle guards;
(16) constructing 12 M ft. b.m. of highway crossings;
(17) constructing 1 mile of telegraph line;
(18) removing and salvaging materials.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: R. J. Newell, regional director, P. O. Box 937, Reclamation Bldg., Fairgrounds, Boise, Idaho; Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C.

No charge to prospective bidders; to others, $1.50 per copy, not returnable. • 26

28—FIRE EQUIPMENT

January 9, 1046

NOTICE OF SALE

SAN FRANCISCO.—Until January 18, 2 P. M., bids will be received by the Purchaser of Supplies, Room 270 City Hall, San Francisco, under notice of sale No. 364 for approximately 275 trailer pumping units known as the Chrysler Fire-Fighter all-metal trailer equipped with a single stage Hale centrifugal type pump, located at the city's garage, 2943 Larkin St., San Francisco. • 28

29— STREETS AND HIGHWAYS

January 9, 1946

COMPLETE BIDS

CHURCHILL COUNTY, Nev. — As previously reported, Silver State Construction Co., Fallon, Nev., at $189,734.39, submitted low bid and awarded contract by the directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nev., for the construction of a portion of the state highway system in Churchill County, from a junction with U. S. 50, 5 miles west of Fallon, to a point approximately 8 miles southeasterly on a portion of FAS Routes 506, 505 and 504, a length of approximately 6.589 miles.

The work involves:

(1) lump sum, signs;
(2) force account, remove trees;
(3) 12,100 lin. ft. remove fence;
(4) 9 cu. yds. remove concrete;
(5) 100 lin. ft. remove culvert pipe;
(6) 7 each, remove headwalls;
(7) 12 each, remove timber culverts;
(8) lump sum, remove timber bridges (5);
(9) 17,273 cu. yds. roadway excavation;
(10) 766 cu. yds. drainage excavation;
(11) 59,239 cu. yds. borrow;
(12) 305,228 yds. sta. overhaul (yd. sta.);
(13) 25,988 yd. mi. overhaul (yd. mile);
(14) 487 hours 8-ft. tamping roller;
(15) 1128 cu. yds. structure excavation;
(16) 952 cu. yds. backfill;
(17) 6.58 miles subgrade, type B;
(18) 2201 M gallons water;
(19) 26,708 tons type I gravel base;
(20) 20,418 tons gravel surface;
(21) 63 tons liquid asphalt, type MC-2 (seal);
(22) 583 tons liquid asphalt, type SC-3 (road mix);
(23) 6.64 miles road mix;
(24) 2 each, road mix intersections;
(25) 292 cu. yds. class A concrete;
(26) 17 cu. yds. class B concrete;
(27) 186 cu. yds. class D concrete;
(28) 72,020 lbs. reinforcing steel;
(29) 12,769 lbs. structural steel;
(30) 3.68 mfbm untreated Douglass fir;
(31) 77.84 mfgm treated Douglass fir;
(32) 4645 lin. ft. treated timber piles;
(33) 137 each, drive timber piles;
(34) 84 lin. ft. 18-in. corrugated metal pipe (dipped);
(35) 18 lin. ft. 24-in. same;
(36) 56 lin. ft. 36-in. same;
(37) 15 cu. yds. hand laid riprap;
(38) 76 cu. yds. grouted hand laid riprap;
(39) 46 each, culvert markers;
(40) 37 each, guide posts;
(41) 11,552 lin. ft. reconstruct fence;
(42) 86 each, monuments;
(43) 50 lin. ft. 2x2-ft. laminated timber culvert;
(44) 51 lin. ft. 3x3-ft. same;
(45) 16 lin. ft. 4x2-ft. same.

oTtal bids follow:

(A) Silver State Constr. Co., Fallon, Nevada, $189,734.39.

(B) Dodge Constr. Co., Inc., Fallon, Nevada, $190,037.37.

(C) Isbell Constr. Co., Reno, Nevada, $216,061.36.

(D) R. A. Westbrook, Sacramento, Calif., $239,,722.81.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)..	$500.00	$500.00	$500.00	$1300.00
(2)..	1000.00	1000.00	1000.00	1000.00
(3)..	.05	.05	.05	.12
(4)..	10.00	10.00	10.00	12.00
(5)..	2.00	1.50	1.00	1.20
(6)..	10.00	10.00	10.00	12.00
(7)..	50.00	25.00	50.00	60.00
(8)..	3000.00	4750.00	5000.00	1450.00
(9)..	.34	.30	.40	.31
(10)..	.50	.50	.50	1.80
(11)..	.34	.30	.40	.34
(12)..	.01	.01	.01	.01
(13)..	.15	.15	.15	.17
(14)..	5.00	5.00	6.00	8.00
(15)..	2.00	2.00	2.00	2.70
(16)..	1.00	1.00	1.00	2.40
(17)..	200.00	200.00	500.00	450.00
(18)..	1.50	1.25	1.25	1.70
(19)..	1.25	1.30	1.50	1.50
(20)..	1.50	1.52	1.75	2.16
(21)..	25.00	21.00	22.00	26.00
(22)..	20.00	20.00	20.00	26.00
(23)..	500.00	600.00	600.00	670.00
(24)..	50.00	150.00	50.00	150.00
(25)..	4.00	35.00	40.00	48.00
(26)..	40.00	35.00	40.00	48.00
(27)..	35.00	35.00	35.00	48.00
(28)..	.08	.07	.07	.08
(29)..	.12	.20	.12	.18
(30)..	150.00	150.00	250.00	240.00
(31)..	200.00	200.00	250.00	300.00
(32)..	1.25	1.375	1.25	1.10
(33)..	35.00	35.00	40.00	60.00
(34)..	2.50	3.00	2.25	3.00
(35)..	4.00	4.00	3.25	4.80
(36)..	7.00	6.50	6.60	7.20
(37)..	15.00	10.00	15.00	18.00
(38)..	20.00	25.00	25.00	25.00
(39)..	5.00	4.00	4.50	4.00
(40)..	5.00	4.00	4.50	4.00
(41)..	.10	.10	.15	.14
(42)..	5.00	5.00	5.00	5.00
(43)..	15.00	20.00	20.00	19.00
(44)..	20.00	25.00	25.00	26.50
(45)..	20.00	25.00	25.00	33.00

• • 29

January 9, 1046

CONTRACT AWARDED

SAN MATEO, Calif.—Union Paving Co., 212 Babcock Bldg., San Francisco, at $4604.85, submitted low bid and awarded contract by the City of San Mateo ,City Hall, for improvement of 29th Ave. between Flores and Edison Sts.

The work involves:

(1) 458 cu. yds. grading;
(2) 10,550 sq. ft. 5-in. asphaltic concrete pavement;
(3) 48 lin. ft. type B curb and gutter;
(4) 960 lin. ft type A curb and gutter;
(5) 4220 sq. ft. concrete sidewalks;
(6) 140 lin. ft. 6-in. vitrified pipe;
(7) 120 lin. ft. 4-in. vitrified pipe;
(8) 55 lin. ft. 12-in. concrete pipe storm drain;
(9) 2 each manholes;
(10) 2 each catchbasins;
(11) 300 lin. ft 2x6-in. redwood headers.

Total bids follow:

(A) Union Paving Co., San Francisco, $4604.85.

(B) L. C. Smith, San Mateo, $5297.37.

Unit prices follow:

	(A)	(B)
(1)	$ .40	$ .79
(2)	.15	.165
(3)	1.30	1.50
(4)	1.00	1.24
(5)	.20	.22
(6)	1.05	1.50
(7)	1.00	1.45
(8)	1.65	2.00
(9)	120.00	105.00
(10)	100.00	105.00
(11)	.25	.30

• 29

January 9, 1046

BIDS OPENED

WASHINGTON STATE.—The following submitted bids to Clarence B. Shain, director of highways, Olympia, Wash., for the construction of the following highway and bridge projects:

(1) Constructing a steel bridge with concrete piers and reinforced concrete approaches, total length 388 ft., across the Coweman River on primary state highway No. 1, near Kelso in Cowlitz County; Federal Aid Project No. UI-32 (12), Unit 2.

Awarded to low bidder, Kern & Kibbe, 8706 N. Bradford, Portland, at $168,702.

Other bidders:

M P. Butler, Seattle, $177,908.

Rumsey & Co., Seattle, $178,665.

(2) Grading 1.413 miles of primary state highway No. 1, Coweman River south in Cowlitz County; Federal Aid Projects Nos. FI-32 (5), Unit 1, and UI-32 (12), Unit 1.

Aawarded to low bidder, Peter Kiewit Sons, 1403 W. 45th St., Seattle, at $121,091.

Other bidders:

Northwest Construction Co., Seattle, $133,740.

Erickson Paving Co., Seattle, $137,399.

(3) Grading, surfacing, constructing light bituminous surface treatment and constructing two treated timber tresles on 8.121 miles of primary state highway No 7, Stratford vicinity to Wilson Creek in Grant County; Federal Air Projects Nos. F-219 (5) and F-68 (2).

Awarded to low bidder, C. E. O'Neil, Ellensburg, $222,866.

Other bidders:

Peter Kiewit Sons, $257,860.

Max J. Kuney, Spokane, $261,777.

(4) Grading, surfacing and stockpiling mineral aggregates on 10.526 miles of primary state highway No. 11, Sagemoor to Connell in Franklin County; Federal Aid Project No. F-180 (6).

Awarded to low bidder, Carbon Bros., N. 3430 Cook, Spokane, $233,276.

Other bidders:

Roy L. Bair Co., Spokane, $243,778.

Max J. Kuney, $251,151.

(5) Surfacing and stockpiling on 9.6 miles of secondary state highway No. 9-A, Twin to Pysht in Clallam County; a state project.

Awarded to low bidder, Peter Kiewit Sons, $28,130.

Other bidders:

T. W. Thomas, 10247 NE. Pacific, Portland, $28,635.

Rush & Baird, 1411 4th Ave. Bldg., Seattle, $30,580. 29

January 9, 1946

CONTRACT AWARDED

SONOMA, Sonoma Co., Calif.—Chicago Bridge & Iron Co. of San Francisco, 416 Rialto Bldg., San Francisco, at $11,085 awarded contract by the City Council, City Hall, Sonoma, for furnishing, erecting and completing a welded steel water storage reservoir (412,000-gal.), on a ready prepared foundation for the Sonoma City water system. • • 30

January 9, 1946

BIDS OPENED

SAN FRANCISCO.—Guerin Bros., 208 S. Linden Ave., South San Francisco, at $0.348, total $4698, submitted low bid to the Public Utilities Commission, Room 287 City Hall, under Water Department Contract 407 for grading University Mound lots.

Other bids were:

Piombo Bros. & Co., San Francisco, $0.59; total, $7965.

Charles L. Harney, San Francisco, $0.63; total, $8505.

Eaton & Smith, San Francisco, $0.66; total, $8910.

R. A. Farish, San Francisco, $0.69; total, $9315.

Frank E. Young, $0.79; total, $10,665. • 29

(Continued on Page Four)

WANTED—
FOR SALE—
FOR RENT—
USED EQUIPMENT
and MATERIALS
BARGAINS

FOR SALE

NEW & RECONDITIONED DIMENSION LUMBER

TIMBERS, wallboards, plumbing, pipe, millwork, and other building materials. SALE PRICES. Large stocks of "hard to get" items. Wire, write, or 'phone

CLEVELAND WRECKING CO.
2900 Third St. - VAlencia 4977

70-ft. STEEL TOWER, 26 M gal. REDWOOD TANK and two 66-in. x 24-ft. x 5/16-in. STEEL PRESSURE TANKS to be sold as one unit. Located in San Francisco. Must be removed at once. Sacrifice. Write, 'phone or wire for information.

CLEVELAND WRECKING CO.
2800 Third Street, San Francisco
VAlencia 4977 (tf)

FOR SALE

ROSS LUMBER CARRIER, pneumatic tires, uses 66-in. blocks. Immediate delivery. Gamerston & Green Lumber Co., 1800 Army Street, San Francisco 24. Phone ATwater 1300.

150 M. 12x12 LUMBER, $35 per M. Bob Olsen, 2643 San Bruno Ave., San Francisco. Phone RAndolph 2998. (Jan. 3, 4, 7, 8, 9, 1946)

4 INDUSTRIAL STEEL SASH, 5-ft. 9 in., 8 ft. 6 in., 25 lights. Phone HEmlock 8476. 1/7 to 11, '46

350,000 Bm. Good Used Douglas Fir Lumber, 3x8, 3x10, 3x12, 4x12, 6x12, 8x8, 10x10, 10x12, 12x12, 12x16. Timbers 8 ft. to 60 ft. in length, all in very good condition. Address FRED J. MAURER & SON, 'phone 1585 or Box 121, Eureka, California.

POSITION WANTED

CIVIL ENGINEER, graduate, veteran, desires position with contractor, estimating or field; 4 years exp. office engin. in hydraulics, highways and structural steel design. Reply, Box 14, c/o Daily Pacific Builder. Jan. 4-7-8-9-10-11, '46

FOR SALE OR RENT

CAT 30 WITH HYDR. DOZER. 2643 San Bruno Ave., S. F. Phone RA. 2998. to Jan. 8, 1946

FOR RENT

CLEVELAND TRENCHER, fully operated. F. R. Archibald, LOckhaven 81792.

UNITED MATERIALS & RICHMOND BRICK CO., Ltd.
Manufacturers of
Wire Cut, Repressed paving, Acid Resisting, Face, Fire Clay, and Fire . . . BRICK
Hollow Building, Partition and Quarry . . TILE
Office and Plant—POINT RICHMOND
Phone Richmond 226

Safety FINLENITE Tread
Steps, Nozings, Platforms, Sidewalk Boxes
All Types Gray Iron Castings
SAN FRANCISCO IRON FOUNDRY
(SAN FRANCISCO IRON WORKS)
260 TOWNSEND STREET - Phone DOuglas 1175

Boilers—High Pressure and Heating
NEW AND REBUILT
All Sizes and Types of Steel Tanks
OCEAN SHORE IRON WORKS
550 Eighth St. - Phone UNderhill 4310 - San Francisco

Associated Wood Products Co.
Fabricators and Erectors of
TIMBER TRUSSES
Berkeley 8317 1335 SIXTH ST., Berkeley 2, Calif.

CONTRACTORS—Save Money and Time
BY USING
QUANTITY SURVEYS
165 JESSIE STREET - SUtter 8361 - SAN FRANCISCO
PREPARED BY LeROY SERVICE

PLASTERING MATERIALS - CEMENT - GRAVEL
SAND - BRICK - BRICK MORTAR - WIRE NETTING
METAL LATH - PLASTER BOARD
Distributors for
J. S. GUERIN & COMPANY
720 FOLSOM STREET -:- Phone: SUtter 4696
CERTAIN-TEED ROOFING PRODUCTS

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS

Building Permits, $1,000 and Over, Applied For

SAN FRANCISCO COUNTY

ALTER OFFICES
512 GOLDEN GATE AVENUE.
Owner—W E and Flora M Joslin, 611 Minna Road, Orinda.
Contractor—Cory & Joslin, Inc, 512 Golden Gate Avenue.
Architect—Not Given. $100,000
(App No 85109).

STORE, 1-story Class C
N MISSION 40 W 9th Street.
Owner—Herbst Bros, 1525 Mission.
Contractor—G P W Jensen and Sons, Inc, 320 Market St.
Architect—Not Given. $15,000

FLATS, 11 2-story frame
E 19th AVE 100, 125, 150, 175, 200, 225, 250, 275, 300, 325, 350 S Quintara.
Owner—Atlas Realty Co, 1500 Judah.
Contractor—Pacific Coast Constr Co, 1500 Judah St.
Architect—Not Given. $10,500 each
(App Nos 85082 to 85092)

ALTER OFFICES
153 KEARNY STREET.
Owner—Sherman Clay & Co, prem.
Contractor—Cahill Bros, 206 Sansome Street.
Architect—Not Given. $10,000
(App No 85107).

ALTER FLORAL SHOP
426 POWELL STREET.
Owner—Belli & Belli Floral Shop, 426 Powell St.
Contractor—Martinelli Constr Co, 44 Mary Street.
Architect—Not Given. $10,000
(App No 85108).

STORES, 1-STORY FRAME
W VALENCIA ST 100 N Duboce.
Owner—Kunst Bros, 419 Bayshore.
Architect—Not Given. $8,000
(App No 85071).

FLAT, 2-STORY FRAME
E 19th AVE 80 S Quintara St.
Owner—Atlas Realty Co, 1500 Judah.
Contractor—Pacific Coast Constr Co, 1500 Judah St.
Architect—Not Given. $7,900
(App No 85093).

DWELLING, 1-STORY FRAME
E GUERRERO 74 N 25th Street.
Owner—Mr and Mrs Jas McMulty, c/o contractor.
Contractor—Fred Isaacson, 643 Joost.
Architect—Not Given. $7,545
(App No 85079).

DWELLING, 1-STORY FRAME
SE DELANO and Niagara Ave.
Owner and Builder—F C Frank and E Vignati, 4645 Mission St.
Architect—Not Given. $6,800
(App No 85075).

DWELLING, 1-STORY FRAME
SE DELANO 34 SW Niagara Ave.
Owner and Builder—F C Frank and E Vignati, 4645 Mission St.
Architect—Not Given. $5,300
(App No 85076).

Building Permits, $1,000 and Under, Applied For

SAN FRANCISCO COUNTY

ALTER DWELLING, $900; 55 Stone St; owner, Dere Sang, 1125 Grant Ave; builder, Carl J Fung & Co, 777 Broadway.
ALTER PLANT, $880; 101 Howard; owner, Folger Coffe Co, premises; builder, DeLucca & Son, 1745 Filbert St
ALTER GARAGE, $800; 1830 Taraval; owner, Jack Richards, prem; builder, Central Home Builders, 1120 Irving.
ALTER DWELLING, $388; 223 Joost Ave; owner, E Nilson, prem; builder, Wm Horstmeyer Co, 23 Mars St.
ALTER DWELLING AND STORE, 2650 Balboa; owners, W Kahn and C Simonian, 2518 Pacheco; day work.
ELECTRIC SIGNS (2); Dick Sparotis, 2583 Mission St, $465; Mr Knolls, 2212 Mission, $275; builder, Brumfield Electric Sign Co, 965 Folsom.
ALTER STORE, $250; SE Vallejo and Columbus Ave; owner, Robert Biaggini, prem; builder, Morest & DeLucchi, 3142 Buchanan.
ELECTRIC SIGNS (2); Jai Alai Cafe, 761 Broadway, $250; Timken Roller Bearing Co, 1452 Bush St, $200; builder, Electrical Products Corp, 910 Harrison St.
ALTER DWELLING, $250; 174 Howth; owner and builder, Ernest R Gittins, premises.

Building Permits, $1,000 and Over, Applied For

ALAMEDA COUNTY

ALTERATIONS
1823 TELEGRAPH AVE, OAKLAND
Owner—Fox West Coast Theaters, 988 Market St, San Francisco.
Contractor—Cahill Bros, 206 Sansome St, San Francisco.
Plans by O A Deichmann, 1026 Market St, San Francisco. $50,000

RESTAURANT, one-story concrete, $25,000 and 1-story concrete office bldg, $5000.
1833 HARRISON ST, OAKLAND.
Owner—Thompson Realties, 336 15th Street.
Contractor—Van Bokkelen - Cole Co, 439 23rd St.
Plans by Harry A Schary, 409 15th Street.

GARAGE, 1-story concrete
837 E 12th STREET, OAKLAND.
Owner—Wm Moal & Associates, 2003 E 14th St.
Contractor—Doty & Lockwood, 2003 E 14th St.
Architect—Not Given. $25,000

STORE, 1-story
2020 MacARTHUR Blvd, OAKLAND.
Owner—Peter Ballo, premises.
Contractor—H L Risdon & Sons, 5977 Majestic Avenue.
Architect—Not Given. $16,000

FLATS, two 2-story 10-room
2804-06, 2808-10 PARK Blvd, OAKLAND.
Owner & Builder—Phil Heraty, 3625 MacArthur Blvd.
Architect—Not Given. $10,500

FLATS, three 2-story 10-room
2780-52, 2786-88, 2791-94 PARK Blvd, OAKLAND.
Owner & Builder—Phil Heraty, 3625 MacArthur Blvd.
Architect—Not Given. $10,500

ALTERATIONS
496 LAKE PARK Ave, OAKLAND.
Owner—J Mallory, premises.
Contractor—Capital Co, 1 Powell St, San Francisco.
Plans by Builder. $10,000

ALTERATIONS (bldg moved)
5410 FLEMING AVE, OAKLAND.
Owner—Mills Terrace Christian Ch, premises.
Contractor—Stolte, Inc, 726 Bank of America Bldg.
Architect—Not Given. $10,000

ALTERATIONS (bldg moved)
2120-22-24-26 94th AVE, OAKLAND.
Owner—John Zupman, 1048 7th St.
Contractor—Jack Reno, 21060 William Ave, Hayward.
Architect—Not Given. $8,000

DWELLING, 1-story 7-room
3679 HIGH ST, OAKLAND.
Owner and Builder—Gustaf A Lenberg, 1540 Ellis St, San Francisco.
Architect—Not Given. $7,800

DWELLING, 1-story 5-room
4735 DAVENPORT Ave, OAKLAND.
Owner—E L Parker, 3017 62nd Ave.
Contractor—Wm. Spivock, 1734 Webster Street.
Architect—Not Given. $6,500

ADDITION, brick 1-story
3332 E 14th STREET, OAKLAND.
Owner—Oakland Toggery, premises.
Contractor—H C Jensen, 3906 Oakmore Road.
Architect—Not Given. $6,000

PERMITS UNDER $1,000

ALAMEDA COUNTY

ADDITION, $900; 1226 78th Ave; owner, C Taylor, 1226 78th Ave; builder, W H Wisheropp Co. 584 Grand Ave.
REPAIRS, $850; 1621 81st Ave; owner, J Moore; builder, Parker & Ashton, 2401 MacArthur Blvd.
ALTERATIONS, $850; 7554 Mountain Blvd; owner, Ruth L Pfelygraf, prem; builder, Chas C Garfield, 1717 40th Ave.
ALTERATIONS, $800; 3900 Harrison St; owner, R W Hocken, 3900 Harrison St; builder, Carl Walstrom, 1447 Excelsior Ave.
SHED, $800; 857 52nd St; owner and builder, Talbert Hamilton, prem.
ALTERATIONS, $750; 1432 Franklin St; owner, Oakland Federal Savings & Loan Ass'n, prem; builder, J W Gaba, 1416 Cottage St, Alameda.
REPAIRS AND ALTERATIONS, $700; 1229 23rd Ave; owner, Mr Montano, prem; builder, O Blome, 1651 51st Ave.
ELECTRIC SIGN, $700; 1923 E 14th St; owner, Universal Glass Co, prem; builder, Western Neon Corp, 3001 Chapman St.
MOVE BUILDING, $500; 2130 94th Ave; owner, John Zupman, 1048 7th St; builder, Jack Reno, 21060 Wilbeam Ave, Hayward.
ADD TO GARAGE, $500; 3616-18-20-22 High St; owner, T T Laughlin, prem; builder, Byrl A Stefle, 2450 Frances St.
GARAGE, $475; 269 Tunis Rd; owner and builder, Robert W Long, prem.
ADDITION, $450; 8126 Iris St; owner and builder, Jean Ballantyne, 8126 Iris St.
GARAGE, $420; 254 Wistar Rd; owner and builder, J J Tapscott, prem.
GARAGE, $400; 674 Catron Dr; owner and builder, Leonard Hitchcock, premises.
ELECTRIC SIGN, $400; 515 16th St; owner, Andrew Gross, 515 16th St; builder, Western Neon Corp, 3001 Chapman St.
ADDITION, $395; 9614 Empire Rd; owner and builder, Donald Rossiter, premises.
REPAIRS, $390; 3768 Ruby St; owner, Mrs Degman, prem; builder, Parker & Ashton, 2401 MacArthur Blvd.

FRESNO

DWELLING AND GARAGE, $5800; 2615 Vagedes; owner and builder, A J Hart.
DWELLING, $5000; 343 Tuolumne; owner and builder, Cocola Mauro.
ALTER DWELLING, $1600; 2625 Divisadero; owner and builder, A F Cruegar, 2629 Divisadero.
ALTER DWELLING, $1000; 936 Lorena; owner and builder, Andrew Hubbard.
OFFICE BUILDING, $200; 403 Blackstone; owner and builder, R J Bruce, 1132 Klette Ave.
REPAIR DWELLING, $200; 242 E St; owner and builder, Jacob Isheim.
REPAIR DWELLING, $150; 645 E St; owner, Henry Kazato; builder, Harris Construction Co, 264 Palm St.
ADD TO DWELLING, $100; 3066 Montecito; owner and builder, Harold Bauer.
REROOF GARAGE, $50; 3739 Nevada; owner and builder, Charlie Dutton.

BUILDING CONTRACTS

ALAMEDA COUNTY

S East 14th ST 130 E 5th Avenue, Oakland.
Kind of work omitted.
Owner—F Walter Walter P and Donald T Crinnion.
Architect—Wm Edw Schirmer, 1419 Broadway.
Contractor—Wendt Constr Co, 556 Arlington Ave, Berkeley.
Filed, Jan 8, 1946. Dated, ...
1st of each month.............75%
Usual 35 days after.............25%
TOTAL COST, $17,596.00
Limit, 90 working days. Plans and specifications filed.

Building Permits, $500.00 and Over, Issued by the Board of Public Works

SAN FRANCISCO COUNTY

JANUARY 5, 1946

SE corner Ortega and 19th Ave. Class C building. Cost, $25,000. Owner, Ben Johnson.

E. line of Arguello Blvd. 53 S. of Clay St. 1-story and basement building. Cost, $10,000. Owner, Elsie I Rousseau.

SW. corner 38th Ave and Santiago 1-story frame dwelling. Cost, $6000 Owner, F H Thorinson.

961 Market St. Alter store. Cost, $4000. Owner, Market Jewelers

W. 38th Ave. 25, 50, 75 S. Santiago; S. Santiago 82.6, 107.6 W. 38th Ave. 1-story frame dwellings (5). Cost, $6000 each. Owner, F H Thorinson.

3903 Sacramento St. Alter dwelling. Cost, $700. Owner, Vernon Greenwood.

SE. Majestic 169 SW. Ridge Lane. 1-story frame dwelling. Cost, $6000. Owner, Colonial Building Co.

320 Alemany. Alter building. Cost, $1400. Owner, Sunset Supply Co.

2738 Mission St. Alter store. Cost, $1200. Owner, Taste Good Bakeries.

747 3rd St. Alter tavern. Cost, $675. Owner, Mr Torre.

N. side 12th St. 74 E. of Folsom. 1-story frame building. Cost, $3000. Owner, California Electrical Supply.

Completion Notices

ALAMEDA COUNTY

Recorded Accepted
Jan 8, 1946—1131 MASONIC AVE, Albany. C D Bruce to Scott W Bonds.........................January 4, 1946

Liens Filed

ALAMEDA COUNTY

Recorded Amount
Jan ...., 1946—LOT 23, map Loma Vista Tract, Oakland. W Thomas Roofing Co vs Harold B and Mary Croft. Bay Pacific Co..$278.00

Non-Responsibility

ALAMEDA COUNTY

Jan 7, 1946—125 RICARDO Street, Piedmont. Fred C and Helene Dodge as to improvements on property.
Jan 8, 1946—1801-03 FRANKLIN St, Oakland. Dudley and Ethel M Searle as to improvements on property.
Jan 7, 1946 — 2032 BROADWAY, Oakland. R H Cross as to improvements on property.

Furnace Permits

OAKLAND

2245 83rd Ave; owner, Joe Correra; dealer, Calif Furn Co; floor.
387 50th St; owner, Eves; dealer, Calif Furn Co; central.
1478 73rd Ave; owner, Ingram; dealer, A & C Htg Co; floor.
1711 94th Ave; owner, Miscovich; dealer, Campbell; floor.
1355 91st Ave; owner, R Jonena; dealer, Lustig Furn Co; floor.
79 Santa Clara; owner, Joe Donhan; dealer, L J Davis; floor.
2637 Kingsland; owner, E Johnson; dealer, Durant; floor.
NE Cor 4th and Harrison; owner, Silva; contractor, J A Freitas; floor.
10720 Beverly; owner, Thurston; dealer, C & M Stove Shop; floor.
2818 Humboldt; owner, Mrs Murphy; dealer, Gernhardt-Strohmaier; floor.
7501 Weld; owner, Victor Warecke; dealer, ...; floor.
2718 79th Ave; owner H Keyes; dealer Lustig Furniture Co; floor.
5018 Melrose; owner, Lakis; dealer, E J Hoerst; floor.

Electrical Permits

SAN FRANCISCO COUNTY

7315 S 24th St 50 E York St; owner, General Theatrical; contractor, Mtson Electric Equipment; 35 outlets; 3 switches; 2 plugs; service.
a 7316 935 Jones St; owner, Sheridan; contractor, Malm & Weiter; 1 outlet; 1 switch.
7317 1452 Bush St; owner, Timken Bearing Co; contractor, Malm & Welter; 2 outlets.
7318 2736 Broderick St; owner, Mr Tripp; contractor, Malm & Welter; 1 outlet; 2 plugs.
7319 1144 Howard; owner, Harry's Cushion Shop; contractor, American Electrical Const Co; alterations.
7320 115 Front St; owner, M G West Desk Co; contractor, American Electrical Const Co; alterations.
7321 62 1st St; owner, McLeod Mercantile Co; contractor, American Electrical Const Co; alterations.
7322 475 Third St; owner, Union Coffee; contractor, Kuchel & Sievers; motors.
7323 665 6th St; owner, Walworth California Co; contractor, Atlas Electrical & Engr; 17 outlets; 6 switches; 7 plugs.
7324 298 7th St; owner, Chilio Products; contractor, Atlas Electrical & Engr; motors.
7325 5145 Geary St; owner, Stephanie's; contractor, Atlas Electrical & Engr; 20 outlets; 1 switch; 8 plugs.
7326 3174 16th St; owner, Gourmet Catering Co; contractor, Atlas Electrical & Engr; service.
7327 214 Van Ness Ave; owner, Goggin & Caselli; contractor, C J Holzmueller; ....
7328 1500 Sutter; owner, Empire Heating Co; contractor, Century Electric; ....
7329 730 Mission St; owner, Gass Plumbing & Heating Co; contractor, Century Electric; ....
7330 250 Point Lobos; owner, Empire Heating Co; contractor, Century Electric; ....
7331 86 Farragut; owner, Gass; contractor, Century Electric; ....
7332 NW cor Geary and 17th Ave; owner, Mills Construction Co; contractor, Century Electric; alterations.
7333 800 8th Ave; owner, ...; contractor, Century Electric; motors.
7334 392 Guerrero; owner, Matchelli; contractor, Century Electric; alterations.
7335 932 Fillmore St; owner, Tom Hamill; contractor, Century Electric; alterations.
7336 1372 Fulton St; owner, San Francisco Pet Hospital; contractor, Century Electric; 6 outlets; motors.
7337 2862 Golden Gate Ave; owner, Maloney; contractor, Century Electric; 6 outlets; 9 switches; 5 plugs.
7338 875 42nd Ave; owner, Lieut. Keane; contractor, Century Electric; 1 plug.
7339 4723 Geary Blvd; owner, Vellis Studio; contractor, Century Electric; 5 outlets.
7340 315 Precita; owner, Colin Heating; contractor, F H Tattenham; ....
7341 25 Patterson Ave; owner, Colin Heating; contractor, F H Tattenham; 2 outlets; 1 switch.
7342 1237 Minnesota; owner, Leo Epp; contractor, F H Tattenham; 7 outlets; 5 switches; 5 plugs.
7343 178 Jules; owner, A Nelson; contractor, F H Tattenham; 15 outlets; 7 switches; 8 plugs.
7344 45 Castle; owner, Stendell; contractor, F H Tattenham; 19 outlets; 8 switches; 7 plugs; service.
7345 727-29 Hollaway Ave; owner, A Nelson; contractor, F H Tattenham; 20 outlets; 14 switches; 16 plugs; service.
7346 190-92 Jules; owner, A Nelson; contractor, F H Tattenham; 20 outlets; 14 switches; 16 plugs; service.
7347 733-35 Holloway Ave; owner, A Nelson; contractor, F H Tattenham; 20 outlets; 14 switches; 16 plugs; service.
7348 186-88 Jules; owner, A Nelson; contractor, F H Tattenham; 18 outlets; 16 switches; 14 plugs; service.
7349-50 194-96, 182-84 Jules; owner, A Nelson; contractor, F H Tattenham; 18 outlets; 16 switches; 16 plugs; service.
7351 611 Mission St; owner, Koret; contractor, F H Tattenham; ....
7352 Golden Gate Park Police Stables; owner, County of San Francisco; contractor, F H Tattenham; ....
7353 4th St Police Station; owner, County of San Francisco; contractor, F H Tattenham; 6 outlets.
7354 2503 Mariposa; owner, J Pertigera & Co; contractor, David-Seid Electric; alterations.
7355-57 Various locations and owners; contractor, Brumfield Electric Sign Co; signs.
7358 1821 Haight; owner, Johnson; contractor, Eureka Electric; alterations.
7359 3649 23rd St; owner, Johanseh; contractor, Eureka Electric; 12 outlets; 3 switches; 4 plugs.
7360 907 Dolores; owner, McDermot; contractor, Eureka Electric; 5 outlets; 5 switches; 5 plugs; service.
7361 605 Laguna; owner, Snead; contractor, M Schimetschek; ....
7362 1233 Fillmore; owner, Savoy Cafe; contractor, M Schimetschek; alterations.
7363 Rankin and Evans; owner, ...; contractor, Associated Electric; ....
7364 1806 Hyde; owner, Geo Goto; contractor, Casey Electric; motors.
7365 1914 Fillmore; owner, Western Dry Cleaners; contractor, Casey Electric; motors.

OAKLAND

34580 729 8th St; owner, Continental Machine Co; contractor, Pacific Electric Motor Co; motors.
34581 2747 E 14th Street; owner, Sjoberg; contractor, Scott - Buttner Electric Co; service.
34582 1639 83rd Ave; owner, Penner; contractor, Scott-Buttner Elec Co; 10 outlets; 10 switches; 10 fix.
34583 3115 60th Ave; owner, Selby; contractor, Flagler Elec Co; 3 outlets; 2 switches; fixtures.
34584 Foot of 23rd Ave; owner, Rhodes and Jameson; contractor, Broadmoor Electric Co; 17 outlets; 2 switches; 11 fixtures; 4 plugs.
34585 3947 E 14th St; owner, Remmer & Jordan; contractor, C A Langlais; 23 fixtures.
34586 184 10th St; owner, Hoffer; contractor, C A Langlais; 4 outlets; fixtures.
34587 416 3rd St; owner, Lucky Stores; contractor, Matson Electrical Equip Co; heater.
34588 1905 San Pablo Ave; owner, Gehring; contractor, Matson Electric Equip Co; 35 outlets; 35 fixtures.
34589 2206 Dashwood; owner, Tishner; contractor, Baylis Lighting Fixture Co; 10 fixtures.
34590 1540 Broadway; owner, Rubenstein; contractor, Spott Electric Co; fixtures.
34591 342 12th St; owner, Cline Piano; contractor, Spott Electric Co; sign.
34592 6500 E 14th St; owner, Franks Oasis; contractor, Spott Elec Co; alterations.
34593 10766 Acalanes Dr; owner, Hall; contractor, Special Owner; outlets; switches; fixtures; plugs; alterations.
34594 2802 38th Ave; owner, Burch contractor, Collins Elec Co; outlets; switches; fixtures; plugs.
34595 2215 Mitchell; owner, Norton; contractor, A L Solari; 2 outlets; 2 switches; 2 fixtures; 2 plugs.

Engineering Section

29— STREETS AND HIGHWAYS

January 9, 1946

BIDS WANTED
SISKIYOU COUNTY, Calif. — As previously reported, until Jan. 15, 2 P. M., bids will be received by the Public Roads Administration, Chas. C. Morris, Division Engineer, 720 Phelan Bldg., San Francisco, for the construction of 0.074 mile of Project Calif. FH-93-B, Salmon River, Klamath National Forest, Siskiyou Co.

Work involves:
(1) extra and misc. force account work, $250;
(2) lump sum, removal and disposal of existing timber;
(3) 175 c.y. unclass. excav. for struc;
(4) 217 c.y. concrete Class A;
(5) 11 c.y. concrete Class YY;
(6) 32,500 lbs. reinf. steel;
(7) lump sum, government furnished structural steel erected;
(8) lump sum, concrete filled steel grid bridge floors;
(9) lump sum, clean and paint existing structural steel.

Plans and specifications obtainable from the above office upon deposit of $10.00. 29

January 9, 1046

BIDS WANTED
STATE OF WASHINGTON.—Until January 22, 10 A. M., bids will be received by Clarence B. Shain, director of highways, at Olympia, Wash., for:

Whatcom County—Grading, surfacing, constructing bituminous surface plant mix type-class F on approaches to Nugent's bridge over Nooksack River, constructing reinforced concrete pile and slab bridge approaches to Nugent's bridge and constructing a reinforced concrete flat slab bridge over overflow channel of Nooksack River on 0.587 mile of primary state highway No. 1 (Austin Pass branch) in Whatcom County, Federal Aid Project No. F-202(5), involving about 24,720 cu. yds. of unclassified excavation, 3350 cu. yds. of selected roadway borrow, 850 cu. yds. of screened gravel surfacing, 8 tons of bituminous cement MC-2, 800 tons of bituminous mixture plant mix type class F, 1573 lin. ft. of beam guard rail, 777 lin. ft. of culvert pipe, 690 cu. yds. of concrete class A, 876 lin. ft. of reinforced concrete bridge railing, 140,000 lbs. of steel reinforcing bars, 5500 lin. ft. of pre-cast concrete piling and other items.

Yakima County—Grading and constructing two reinforced concrete slab bridges and one reinforced concrete T-beam bridge on 2.355 miles of primary state highway No. 5 (White Pass branch), Summit to Dog Lake, in Yakima County, Federal Aid Project No. F-211(10), involving about 23.2 acres of clearing, 11.4 acres of grubbing, 22,680 cu. yds. of common excavation, 105,630 cu. yds. of solid rock excavation, 274 cu. yds. of concrete class A, 147 cu. yds. of concrete class B, 33 cu. yds. of concrete class C, 91,000 lbs. of steel reinforcing bars, 1441 lin. ft. of culvert pipe and other items.

Clallam County—Grading, surfacing, constructing light bituminous surface treatment, constructing a reinforced concrete bridge 132 ft. long on 9.4 miles of primary state highway No. 9, Beaver to junction secondary state highway No. 9-B in Clallam County, Federal Aid Project No. F-170(9), involving about 6.7 miles of celaring, 11.0 acres of clearing, 7.4 acres of grubbing, 28,470 cu. yds. of unclassified excavation, 23,540 cu. yds. of selected roadway borrow, 24,030 cu. yds. of crushed stone surfacing, 2500 cu. yds. of crushed cover stone, 2020 cu. yds. of crushed mineral aggregate, 293 tons of bituminous cement MC-2, 245 cu. yds. of concrete class A, 35 cu. yds. of concrete class B, 67,000 lbs. of steel reinforcing bars, 487 lin. ft. of culvert pipe.

Plans and specifications obtainable upon payment of $2 for each copy at the office of the county engineer of the county in which the work is situated, the chapter office of the Associated General Contractors of America at Seattle, Spokane, Tacoma and Portland, and the offices of the district engineers of the Department of Highways. 29

January 9, 1046

BIDS WANTED
VICTORVILLE, San Bernardino Co., Calif.—Until January 14, 1 P. M., bids will be received by the U. S. District Engineer Office, 751 S. Figueroa St., Los Angeles, for the treatment of road pavements at the Victorville Army Air Field, Victorville, Calif.; Serial No. 146. 29

January 9, 1046

BIDS WANTED
STATE OF OREGON.—Until Jan. 17, 9 A. M., bids will be received by the Oregon State Highway Commission, R. H. Baldock, state highway engineer, third floor Public Service Bldg., Portland, Ore., for construction as follows:

Crook and Deschutes Counties—Redmond rock production project on four state highways; state project; approximately 12,000 cu. yds. crushed gravel in stockpiles.

Lincoln County — Waldport rock production project on three state highways; state project; approximately 10,000 cu. yds. crushed rock in stockpiles.

Marion County—Gates-Niagara section of N. Santiam secondary highway; Federal Project No. S-220 (2); 3.53 miles grading and bituminous macadam surfacing, furnish 3000 cu. yds. crushed rock in stockpiles, approximately 369,000 cu. yds. excavation, 490 cu. yds. concrete, 79,000 lbs. metal reinforcing, 40,700 cu. yds. crushed rock, 290 tons asphaltic materials.

Polk County—Buell and Salt Creek-Dolph Corner sections of the Dallas-Coast secondary highway; Federal Project No. S-215 (4); 4.02 miles grading and bituminous macadam surfacing, approximately 110,000 cu. yds. excavation, 130 cu. yds. concrete, 12,300 lbs. metal reinforcing, 36,000 cu. yds. crushed rock or crushed gravel, 310 tons asphaltic materials. This project may be bid in combination with Mill Creek Bridge project in Polk County.

Polk County — Bridge over Mill Creek on Dallas-Coast secondary highway near Buell; 68-ft. I-beam span with 60-ft. concrete approach at each end; Federal Project No. S-215 (4); approximately 90 cu. yds. excavation, 290 cu. yds. concrete, 64,000 lbs. reinforcing, 51,000 lbs. structural steel, 400 ft. metal handrail. This project may be bid in combination with the Buell and Salt Creek-Dolph Corner project in Polk County.

Washington County—Berger Ranch-Barnes Rd. section of the Wolf Creek highway; Federal Project No. F-186 (8); 3.92 miles of grading, also surfacing and oiling of road connections, approximately 341,000 cu. yds. excavation, 450 cu. yds. concrete, 68,000 lbs. metal reinforcing, 9100 cu. yds. rock or gravel base and surfacing materials, 52 tons asphaltic materials.

Washington County—105 ft. treated pile trestle bridge with concrete deck over McKay Creek on Wolf Creek highway; Federal Project No. F-186 (9); approximately 1500 ft. creosoted piling, 95 cu. yds. concrete, 20,000 lbs. reinforcing, 30 MFBM creosoted lumber, 230 ft. metal handrail.

Plans and specifications on file with Oregon State Highway Commission, Room 319 State Office Bldg., Salem, Ore., upon payment of $2. 29

30—RESERVOIRS & DAMS

January 9, 1946

PROPOSED
SACRAMENTO, Calif.—U. S. Bureau of Reclamation, Sacramento, is making a survey for the proposed Sly Jark Reservoir on the north fork of the Cosumnes River, 15 miles east of Placerville, to provide supplemental irrigation and domestic water, for the surrounding aeras and for other parts of the Central Valley Basin.

Plans call for an earth fill dam 140 ft. high with a crest length of about 600 ft. The reservoir would store about 20,000 acre-feet of water. 30

January 9, 1946

CONTRACT AWARDED
CENTRAL VALLEY PROJ., Calif. Williamette Iron & Steel Corp., Portland, at $6282 awarded contract by the Bureau of Reclamation, W. R. Young, Chief Engineer, Denver, under Spec. No. 1816-D, for furnishing and delivering fob cars at the shipping point or fob cars at Redding, at the option of the bidder, metal work for stop-log guides and seats for the penstock intake structure at Keswick Dam, Kennett Division of the Central Valley Project. 30

31—PIPE LINES & WELLS

January 9, 1046

CONTRACT AWARDED
TACOMA, Wash.—Western Pipe & Steel Co., 200 Bush St., San Francisco, at $177,044, awarded contract by City of Tacoma for furnishing and delivering pipe.

Other bidders were;
Steel Tank & Pipe Co., 518 NE. Columbia Blvd., Tacoma, Wash., $199,675.
Hydraulic Supply Manufacturing Co., 7500 8th St., Seattle, Wash., $232,177. 31

January 9, 1046

CONTRACT AWARDED
YAKIMA PROJECT, Washington—Goodfellow Bros., Inc., Wenatchee, Wash., at $89,132, awarded contract by the U. S. Bureau of Reclamation, Yakima, Wash., under Spec. 1111 for construction of earthwork, pipelines and structures, laterals 84.9 to 94.8 and sublaterals, Roza Division, Yakima Project, Washington. The work is located from 6 to 18 miles northeast of Prosser, Wash. 31

January 9, 1046

BIDS WANTED
SAN DIEGO, Calif.—Until January 25, 11 A. M., bids will be received by the U. S. Navy, Public Works Office, 11th Naval District, 1220 Pacific Highway, San Diego, for material and labor for the construction of new connections to the station existing fresh water piping with branches and outlets on piers No. 6 and 8; a new extension to the existing city 16-in. high pressure water main extending up to and including branches and outlets on piers No. 6 and 8; new facilities and equipment in existing boiler house No. 3, consisting in general of one new 400 h.p. water tube boiler with induced draft fan, oil burners and auxiliary equipment; new steam, water and oil piping connections to existing steam, water and oil piping systems, and including a new steam connection from the existing header to connect with outside new distribution system; new steam distribution system from existing boiler house No. 3 up to and including branches and outlets on piers No. 6 and 8, and connection to the existing air line along the existing quay wall, San Diego; Specification No. 17445.

The project includes in general earthwork, concrete construction, water piping, boiler plant additions, steam distribution system, compressed air distribution system and miscellaneous related work. Plans and specifications available from the above office upon deposit of $10. 31

32— SEWERS & SEWAGE DISPOSAL PLANTS

January 9, 1046

BOND ELECTION
EL CENTRO, Imperial Co., Calif.—Voters of the City of El Centro will hold a special election January 29 calling for the sale of $375,000 in bonds; which, if approved, will provide for the improvement of the city water system and storm sewers. The storm sewer will provide drainage for the busines snad residential districts and vegetable packing sheds, through a 5-ft. reinforced concrete conduit. Plans and specifications prepared by Engineers Lippincott & Rowe, 714 W. Olympic Blvd., Los Angeles. 32

January 9, 1946

PREPARING PLANS
SAN DIEGO, Calif.—The City of San Diego, Neal D. Smith, city engineer, Civic Center, San Diego, is preparing plans and will issue a call for bids about February 10 for the construction of a trunk sewer line along Mission Valley Rd., San Diego. Work involves excavating and the laying of approximately 11 miles of 15- and 27-inch vitrified clay pipe; estimated cost, $400,000. 32

33—WATERWORKS

January 9, 1046

BIDS WANTED
EVERETT, Wash.—Until January 27, bids will be received by A. Murray, manager, Snohomish County PUD No. 1, for construction of water system (estimated cost $250,000), in Lake Stevens area.

The work involves:
(1) lump sum 250,000-gal. concrete reservoir with pump and valves and appurtenances, reservoir overflow and fence;
(2) 2 pumphouses;
(3) 975 ft. 8-in. cement asbestos water main installed;
(4) 21,750 ft. cast iron distribution main installed;
(5) 20,450 ft. 4-in. cast iron distribution main installed;
(6) 3750 ft. 3-in galvanized steel pipe furnished and installed;
(7) 14,750 ft. 2½-in. galvanized steel pipe furnished and installed;
(8) 2650 ft. 2-in. galvanized steel pipe furnished and installed;
(9) 750 ft. 1½-in. galvanized steel pipe furnished and installed;
(10) 9 6-in. gate valves installed with standard cast iron valve box and cover;
(11) 10 4-in. gate valves installed with standard cast iron valve box and cover;
(12) 5 3-in. gate valves furnished and installed with standard cast iron box and cover;
(13) 6 2½-in. gate valves furnished and installed with standard cast iron box and cover;
(14) 2 automatic air reflector valves;
(15) lump sum, bridge crossing and 6-in. cast iron blowoff connection;
(16) 325 ft. 6-in. cast iron flexible joint pipe crossing at bridge No. 125 on Vernon Rd.;
(17) 100 ft. 4-in. pipe bridge crossing, pipe wrapped and suspended on timber pile bridge;
(18) 400 ft. 2½-in. pipe bridge crossing, pipe wrapped and suspended on timber pile bridge;
(19) 210 ft. standard service connections with ⅝-in. x ¾-in. meter and box;
(20) 90 standard service connections with ⅝-in. x ¾-in. meter and box;
(21) 6 service connections with 1-in. meter and box;
(22) 1 service connection with 1-in. meter and box;
(23) 2 service connection with 1½-in. meter and box;
(24) 2 service connections with 1½-in. meter and box;
(25) 2 service connections with 2-in. meter and box;
(26) 2 service connections with 2-in. meter and box;
(27) 5 6-in. fire hydrants;
(28) 5 4-in. fire hydrants;
(29) 5 plugged tees, 6-in., with connection for future fire hydrants;
(30) 5 plugged tees, 4-in., with connections for future fire hydrants.

Plans and specifications obtainable from Consulting Engineer James W. Carey & Associates, Alaska Trade Bldg., Seattle, Wash. 33

January 9, 1046

BOND ELECTION
TORRANCE, Los Angeles Co., Calif.—The voters of Municipal Water District No. 1, Torrance, will hold an election January 15 calling for the sale of $150,000 in bonds, which, if approved, will provide for the establishment of a new water district and the construction of a water works system. 33

January 9, 1946

BIDS OPENED
SAN FRANCISCO.—F. T. Fairey, 1874 25th Ave., San Francisco, at $2534.96, submitted low bid to the Public Utilities Commission, Room 287 City Hall, under Water Department Contract 412 for 6- and 8-in. water mains on 42nd Ave. between Quintara and Rivera.

The work involves:
(1) 900 l.f. excav. and backfill;
(4a) 760 l.f. install B&S pipe;
(4b) 140 l.f. install B&S pipe;
(5) 1300 lbs. install fittings and valves;
(6a) 120 lbs. make B&S joints;
(8) 44 ¾-in. screw taps install;
(9) 900 l.f. ¾-in. service pipe install;
(10) lump sum, field inspection nine calendar days at $14.08 per day;
(A) materials furnished and services rendered by the San Francisco Water Department, $1412.30.

Complete bids follow:
F. T. Fairey, (1) $0.45, (4a) $0.13, (4b) $0.16, (5) $0.04, (6a) $0.70, (8) $1, (9) $0.29, (10) 12 days; total, $2534.96.
San Francisco Water Department, (1) $0.60, (4a) $0.10, (4b) $0.12, (5) $0.04, (6a) $0.70, (8) $1, (9) $0.27, (10) 15 days; total, $2703.60. 33

Machinery & Material

SAN FRANCISCO CITY

SAN FRANCISCO.—Until January 25, 3 P. M., bids will be received by M. H. Gerry, Purchaser of Supplies, 270 City Hall, San Francisco, under Inv. No. 3454 for furnishing and delivering to Riverbank, Calif., one 44-ft. and four 50-ft. steel towers for Hetch-Hetchy system.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until January 21, 3 P. M., bids will be received by M. H. Gerry, Purchaser of Supplies, 270 City Hall, San Francisco, under Inv. No. 3456 for repairs to three motor coaches for the Municipal Railway.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until January 18, 3 P. M., bids will be received by M. H. Gerry, Purchaser of Supplies, 270 City Hall, San Francisco, under Inv. No. 3445 for furnishing and delivering refrigeration supplies for the School Department.

Specifications obtainable from the above office.

Pacific Northwest

(Continued from Page One)

Post Falls Unit, Rathdrum Prairie Project.
In northern Idaho, construction will be continued on the Post Falls Unit of Rathdrum Prairie Project. Facilities will be completed there during the winter to serve the entire 3,500 acres in the unit next spring. No supplemental appropriation was requested, as adequate funds were available for this work.

WASHINGTON

Roza Division, Yakima Project.
With the 47,000-acre gravity unit of the Riza Division of the Yakima Project in south central Washington scheduled for completion by early summer, the Bureau this spring will initiate construction of pumping facilities to service an additional 25,000 acres in this highly productive area. The supplemental appropriation of $1,650,000, plus what remains of a regular appropriation of $325,000 and an unexpended balance on June 30, 1945, of $251,299, will be used to begin construction of 19 pumping plants. Ten of these are to be completed to serve the best 10,000 acres of land in the vicinity of Yakima, Sunnyside and Prosser this year.

Also scheduled is the completion of an 11-mile long wasteway for the protection of lower lands and existing farms when irrigation is started on other land, construction of pumping laterals and waste water diversion channels concurrently with the development of the lateral system, construction of 85 miles of tranmission lines and substations ofr serving lands to be developed for irrigation pumping, and other work.

Columbia Basin Project.
For the current fiscal year, $18,749,000 was made available for the Columbia Basin. This total includes a regular appropriation of $6,000,000 and a supplemental allotment of $10,275,000. The remainder was unexpended balance. Under the program outlined with the money on hand, the Bureau will begin initial construction of a giant pumping plant and other facilities required to bring water from the Columbia River to the million acres of fertile land to be irrigated.

Approximately $2,000,000 was made available for the purchase of land in the irrigable area from owners who, under the project act, must dispose of excess holdings. Later the land purchased will be divided into family-size units and made available to settlers. Considerable work at Grand Coulee Dam, including the transfer of two 75,000-kilowatt generators to Shasta Dam, from where they were borrowed as a war expediency, repair of the spillway bucket, and construction of industrial facilities, is also scheduled.

WESTERN MONTANA

Hungry Horse Project.
With the $1,500,000 made available by Congress in the supplemental appropriation for Hungry Horse Project, near Kalispell, Montana, and the unexpended balance of the regular appropriation of $200,000, the Bureau of Reclamation will seek to complete all surveys and plans, initiate construction of a paved highway to the dam site, initiate clearing of heavy timber and brush growth from the dam site, lay out a government town site, initiate clearing of the reservoir near the dam site, complete surveys for the relocation of roads and Forest Service facilities, and purchase some right-of-way. Every effort will be made to bring plans to the stage where early construction can be undertaken.

Classified Advertising

WANTED

ARCHITECTURAL DRAFTSMAN. General exper. Salary open. Irvin Wm. Goldstine, Room 850, Pacific Bldg. Phone EXbrook 8946.
(1/9-10-11-14-15/46)

Experienced architectural DRAFTSMAN out of city. If interested, housing available. Mayo & Johnson, 307 Exchange Bldg., Stockton. Phone Stockton 9-9359.

BUILDING CONTRACTOR wants contact with young ARCHITECT. Reply Box 110, c/o Daily Pacific Builder. 1/9-10-11-14, '46

PAINTING ESTIMATOR who is familiar with Painting Contractors. Must be good. Reply Larry's, 815 Greenwich St., S. F. Phone GR 4942.
(1/8-9-10-11-14/46)

Exper. FOREMAN for Const. of STORES and OFFICES in San Francisco. Reply Box 17, c/o Daily Pacific Builder.

BLDG. CONSTR. SUPT. State experience and references. Reply Box 16 c/o Daily Pacific Builder.
(1/4-7-8-9-10/45)

ARCHITECTURAL DRAFTSMAN wanted. Experienced. Conrich, 593 Market St., Room 226. SU. 6815 or SK. 8875. to Jan. 15, 1946

ARCHITECT wants HIGH School Graduate. Excellent opportunity to learn Architecture. State qualifications and salary expected. Reply Box 13, c/o Daily Pacific Builder.
(Jan. 3, 4, 5, 1946)

POSITION WANTED

ESTIMATOR - GENERAL MANAGEMENT. State and Federal taxes, Contract Negotiation, etc. Reply Box 19, c/o Daily Pacific Builder.
(1/9-10-11-14-15/46)

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STATE LIBRARY

PLANS and Speculations

Take it as it comes. . Postwar construction of highways and roads throughout SOLANO COUNTY will be the principal topic of discussion at a meeting of the Board of Supervisors to be held in Fairfield January 24. . . . One of SISKIYOU COUNTY'S major road construction projects, the proposed $685,000 road from Tulelake to Dorris, involving 19 miles across the lower Klamath Lake, started rolling when the Board of Supervisors approved plans prepared and submitted bv County Engineer Albert F. Parrott. Bid call is planned for early spring.

oOo

Supervisors of PLACER COUNTY have purchased an 18 - acre tract of land in Forest Hill. The land will be the site of a veterans' memorial hall. . BUTTE COUNTY Board of Supervisors, in a surprise action, reversed their decision of two months ago and discarded the proposed Chico-Paradise cutoff. They voted instead to improve Neal Road, which now connects Chico and Paradise, and to extend it to Stirling City.

oOo

Col. Geo. Mayo, United States District Engineer, has informed authorities in NAPA and SONOMA Counties that United States Army Engineers have been authorized to make a survey of the Napa River relative to flood control. A hearing has been slated in the Napa County courthouse on Wednesday, January 23. The survey will supplement one already made by Army engineers for navigation on the stream and which resulted in approval of a $900,000 project for straightening and deepening the channel from Mare Island to the head of navigation at Napa. The project, approved by the Rivers and Harbors Committee in Washington, D. C., probably will be included in the next Rivers and Harbors bill.

oOo

The State of California has completed plans for highway construction estimated to cost $114,451,000 and has an additional $22,327,000 worth of projects on drawing boards, the Public Roads Administration has announced. To assist in construction of highways, farm to market roads and streets in cities of more than 5000 population, the Federal Government has made $22,303,236 immediately available to California.

oOo

NEW DEVICE WILL MEASURE HEAT RADIATION

A new calculating device for measuring radiation for steam and hot water heating systems has been announced ready for public distribution after several years of research and use by heating authorities.

It is claimed this new calculating device Heat-O-meter (physically a round disc with three concentric celluloid printed discs) eliminates the tedious figuring, usually necessary to determine the correct amount of radiation, and con successfully and easily be used by anyone without previous technical training as its operation is rapid, not involving subtractions, divi-ions, complicated multiplication, nor the use of a formula. Just the simple turning of a dial and the correct answer is received.

It is also stated that this dial contains sizes of mains, returns, risers, radiator sizes and capacities, round and sectional boiler net ratings, chimney flue sizes and capacities with minimum and maximum heights, hot water tank sizes and capacities, fuel oil tank sizes and capacities, hot water generator capacities and other valuable heating information enabling plumbers, steamfitters, architects, builders, oil burner and heating salesmen and all individuals who come in contact with heating problems to have the correct answers at their finger tips.

Additional information may be obtained by writing Heat-O-meter, 424 West 42nd St., New York 18, New York.

—V—

A $2,000,000 expansion of the laboratories and plant of the California Research Corporation is included in the $10,000,000 expansion and replacement program being undertaken for the coming year at the RICHMOND plant of the Standard Oil Company.

oOo

Record Production Anticipated For Rubber Industry

The rubber industry is expected to produce goods in 1946 with a value of $1,500,000,000, an increase of 66 per cent over the corresponding figure of $900,000,000 in 1939, the last wholly peacetime production year.

Major part of this record production will be accounted for by tires. Operating at capacity, the industry is expected to produce more than 80,000,000 units, of which 66,000,000 will be passenger car tires. Previous largest passenger car tire output was 50,000,000, in 1941. Achievement of the 66,000,000 goal of 1946, which is at the rate of more than two tires a second, will ease the tire shortage, but not noticeably until the latter half of the year.

Other goods, such as footwear, golf balls, "Lastex", and drug sundries, will also be scarce in the early part of the year, but with the industry geared for capacity output, supplies will greatly increase as the year progresses.

Total consumption of rubber by the United States in 1946 is estimated at 900,000 tons, which compares with the previous high of 780,000 tons in 1941, and an average of 540,000 tons in pre-war years. Of the 900,000 tons, approximately one-third may be natural rubber and the remainder various kinds of synthetic rubbers.

World consumption of all types of rubber for 1946 is placed at 1,400,000 tons. The year's potential world production of all such rubbers is estimated at 1,900,000 tons, of which 1,200,000 is synthetic capacity in the United States.

—V—

NEW SAFETY FLUE IS ANNOUNCED

New Castle Refractories have announced the new Pittsburgh Safety Flue, the use of which is said to eliminate the weakest point in chimney construction. It is described as a single refractory casting, furnishing in one operation a complete unit to receive the furnace installation. Provided in the construction are a flue entrance, a flue liner, a baffle plate to increase draft and prevent soot fires, and a clean-out opening with closure. This single refractory casting is tested to withstand 2400 deg. F. for safety and to assure that flue drafts will not be impaired by openings due to grouting shrinkage. It is approved by Fire Underwriters.

The Pittsburgh Safety Flue eliminates the multiple joints, cracks and patches necessitated by old fashioned chimney construction. It prevents sparks, flames or fumes from escaping at the joint where the furnace flue enters the chimney. By having the clean-out opening project from the wall, convenience is claimed, since this feature permits placing a receptacle under the opening for complete capture of loose soot. A plug type closure, also made of refractory, eliminates hinges, prevents rusting and sticking. Made in standard size 9 x 13-inches outside flue dimensions, the Pittsburgh Safety Flue is designed to receive flue pipe of 7-, 8-, 9- and 10-inch diameter. For complete information write New Castle Refractories, Department No. 9, New Castle, Pa.

First New Multiple-Purpose Steel Since War Is Revealed by Carnegie-Illinois

The first new multiple-purpose steel since the war ended has been announced by J. L. Perry, president of Carnegie-Illinois Steel Corporation, a United States Steel subsidiary. Known as "Stainless 'W'" because it is a member of that glamorous family of alloy steels, the new composition belongs rather to the class of working steels and will find broad use in the industrial machines of postwar America.

Brought to perfection and patented by research technicians of historic Wood Works of Carnegie-Illinois at McKeesport, Pa., this newest member of the stainless family is said by Perry to combine for the first time the high strength and corrosion resistance of standard 18-8 stainless steels with hardenability obtained through heat treatment. As a result of these three vital industrial properties, Stainless W is expected to find wide application in wrought and cast forms in the machinery field and is also available in strip, sheet, wire and tube form.

Experience with this new steel during the war, because of which it has been wrapped in secrecy until now, demonstrated that it can be treated successfully in standard equipment, and no difficulty is encountered through warping or dimensional changes in the course of hardening operations. It is readily fabricated, and high joint efficiencies may be achieved by spot welding, as well as with metallic arc, atomic hydrogen and heli-arc welding equipment. Machinability, as proved by shop tests, is slightly better than with austenitic 18-8 stainless steel.

Preliminary commercial applications of Stainless W indicate its usefulness where strength, hardness and corrosion resistance, all or in part, are essential, as in cams and rollers in food handling and bottling equipment. It also shows promise for application in bearings, pump valves and seats, plug valves and other parts subjected to service in food handling and bottling equipment, as well as in the oil and chemical industries. Its strength and corrosion resistance promise further advantages for structural members.

Of the chemical elements that are ingredients of the new composition, titanium is said by Carnegie-Illinois metallurgists to give it its prime distinction, the optimum proportion of this element being found in the range of 0.40 to 1%. In addition to titanium, for which columbium may be substituted at will to produce precipitation hardening, and iron, Stainless W contains carbon, nitrogen, manganese, silicon, nickel, chormium, and aluminum.

"Unlike the standard 18-8 austenitic types of stainles steel, Stainless W is magnetic," said R. E. Zimmerman, vice president of United States Steel Corporation of Delaware in charge of research and technology, when asked to comment on the new Carnegie-Illinois product. "This may mean much in future usefulnes that is not immediately apparent. We also know that it can be subjected to drawing operations and given intermediate anneal as often as desired in the course of forming and then given a thermal age-hardening treatment to develop high physical properties on the entire piece. This characteristic makes the steel a promising material for parts requiring forming and ultimate high strength in the finished piece."

Stainless W can be rolled into billets, bars, sheets or shapes, drawn into wire or pierced for tubing—or it may be wrought as desired to any shape or size. The finished product is unique in that it is amenable to heat treatment to develop uniformly high hardness throughout large cross sections. In addition, it possesses high resistance to most corrosive media. Results of 100 - hour immersion tests in coiling copper sulphate-

(Continued on Page Three)

Did You Know That . . .

Joseph Musto Sons-Keenan Company, pioneer marble importers, have announced that within a few weeks they will be back in full scale operation. The firm was established in 1866 and this announcement heralds the conclusion of their third interruption in operations during their business life. The first shut-down came with the fire and earthquake of 1906, and world wars accounted for the other two. Their San Francisco office and mills are located at 501-575 North Point Street. The Los Angeles branch is located at 1801 South Soto Street.

-O-

Fred Wear and **Phil Schwartz** have opened offices as Western States representatives of the Fuse Indicator Corp. of Rockville, Maryland. Newest item handled by the firm is the "Blowglow" electric light switch. The plate of this switch is equipped with a small neon lamp within a housing and is so automatically arranged that when your lights are out "Blowglow" is on, and vice versa. The firm will also handle a dead front fuse holder which works on a similar principle in that when a fuse blows a small neon lamp, located at top of the fuse holder, is lighted facilitating a safe rapid change. This product will soon be released to civilian use, the U. S. Navy having taken factory output during the war. Wear and Schwartz are at present located at 420 Market Street. Telephone SUtter 8854.

-O-

Ernest Werthheim, landscape architect, announces reopening of offices. San Francisco: 222 El Camino Del Mar, telephone SKyline 3457; Los Angeles: 6637 Cahuenga Terrace, telephone Hillside 8732. The firm is prepared for landscape consultation, planning, supervision of construction, or complete construction as desired, and specializes in exterior decoration of hotels and resorts.

-O-

Newsom and Bechtel, general contractors, formerly located at 2287 Telegraph Avenue, Berkeley, announce the moving of their offices to their newly constructed quarters at 5760 Shellmound Street, Emeryville 8, telephone OLympic 5572.

-O-

S. J. Amoroso Construction Company is removed from its former location at 2136 Alemany Blvd., and is now established in new quarters at 2100 Oakdale Avenue, San Francisco. Telephone MIssion 1490-1491.

GROOVER AND I

TAX-FREE PROFITS

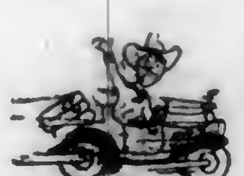
For me this has been a good holiday season. It has been made so by the readers who have had the thoughtfulness, and taken the time to send in a word of appreciation of this daily offering.

* * *

Of course, the Publishers pay the manufacturing or production cost of this column, but my profit and real compensation is the knowing that the effort is appreciated. This "profit", which cannot be measured in dollars and cents, is very real and gratifying. It is tax-free and not subject to deductions.

* * *

You each know to whom I speak this "Thank You". I have been given great treasure at the cost of a moment of your time and a 3c stamp.



—V—

MOTORISTS CAUTIONED

Bureau of Reclamation officials at Coulee Dam caution motorists that a temporary fill has been placed across the secondary State highway near the west abutment to Grand Coulee Dam and they should slow down when approaching the area. They also warned that tracks of the Government-owned railroad cross the fill at two points.

Although passable in all weather, the fill will remain rough for many months to come because it is used constantly by heavy trucks carrying rock being removed from an area opposite the pumping plant. The highway is the only approach to the dam from the south. The northern route to the dam, through Okanogan, Omak and Nespelem, is not affected.

CPA Issues New Housing Priority Regulation No. 33

The Civilian Production Administration, in an effort to relieve the critical housing situation and to assist builders in obtaining materials, has issued Priority Regulation No. 33, which provides for the issuance of preference ratings on houses costing $10,000 or less and renting for $80 or less, in connection with preference in purchase or occupancy granted to veterans.

Dated December 21, 1945, and effective January 15, 1946, the regulation was directed to all Directors of State and district offices of the Federal Housing Administration, which has been designated to act as processing agents in this program, under the terms of which an HH rating has been established on the following critical housing materials: Common and face brick; clay sewer pipe; structural tile; gypsum board and lath; cast iron soil pipe and fittings; cast iron radiation; bath tubs and cast iron fixtures; and lumber and mill work. Additions or deletions from this schedule may be made from time to time by CPA.

The regulation provides that applicants must give in general specifications and plans of what is proposed to be built under the Reconstruction Housing Program and must specify the sales price or rental at which the residence will be made available to veterans. The FHA will judge whether all conditions are reasonable in relation to the utilities offered.

Applicants must show that they are ready and able to start construction within 60 days after receiving a preference rating; that they have effective control of the land; that financing is assured; and that local building permits, utility services, etc., have been provided for. The application must be renewed if the work is not started in the designated time. Furthermore, the applicant must agree to make the residence available only to veterans during the period of construction and for 30 days thereafter, at the conclusion of

(Continued on Page Three)

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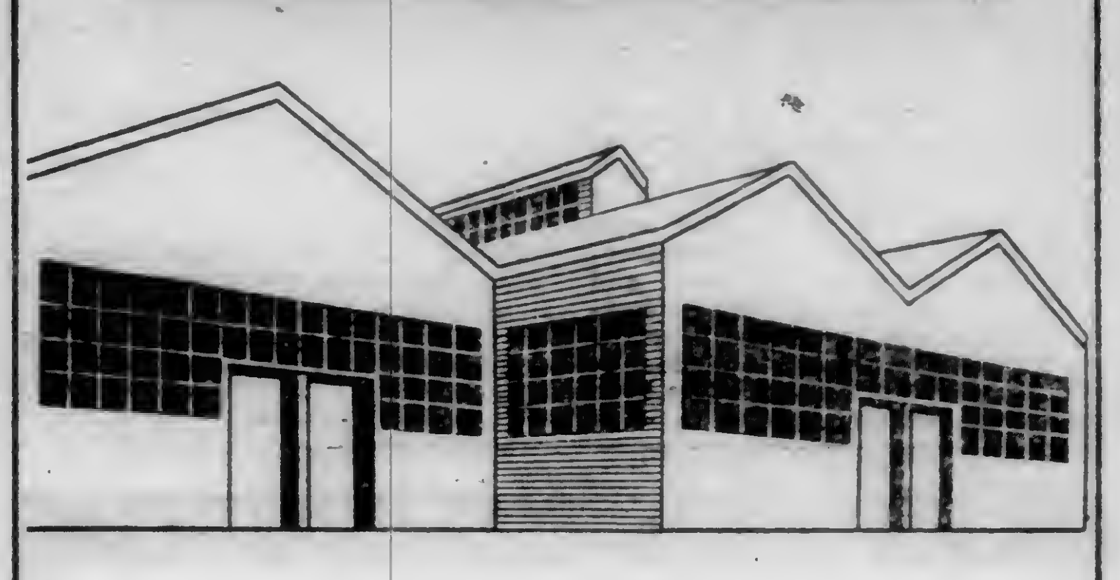

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DAILY PACIFIC BUILDER
(Established 1890)
Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1936, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

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1— APARTMENTS

January 10, 1946

PLANNED

GLENDALE, Los Angeles Co., Calif.—Francis C. Ford, 3007 S. Genesee Ave, Los Angeles, will build a 28-unit apartment court at 1501-07 E. Broadway, Glendale, for self; frame and stucco construction; cost, $90,000. 1

3— CHURCHES

January 10, 1946

PREPARING PLANS
CHURCH BUILDING Cost $100,000
BERKELEY, Alameda County, Calif. Durant Ave. between Shattuck Ave. and Milvia St.
Construction of church building with seating capacity of 500 to 700 persons.
Owner—St. Paul's United Presbyterian Church, Dr. Frnacis Shunk Downs, pastor, College Women's Club, 2680 Bancroft Way.
Architect — Frederick L. R. Confer, 1214 Webster St., Oakland. • 3

January 8, 1946

PLANS COMPLETED
CHURCH Cost, $40,000
MODESTO, Stanislaus County, Calif.
Construction of frame and stucco church building.
Owner—Church of Christ, Modesto.
Architect—G. N. Hilburn, 1211 K St., Modesto.
Owner will take sub-bids. • 3

January 10, 1946

CONTRACT AWARDED
CHURCH
SAN FRANCISCO. Teresita Boulevard and Arroyo Way.
Construction of new church building.
Owner—Miraloma Community Church
Architect—V. G. Raney, 233 Post St.
Contractor—De Luca & Son, 1745 Filbert St. • 3

4— FACTORIES AND WAREHOUSES

January 10, 1946

CONTRACT AWARDED

SAN BERNARDINO, Calif.—C. J. Baker, 240 17th St., San Bernardino, at approximately $120,000, awarded a contract for the construction of a store and warehouse building at 348 S. E St., San Bernardino, for W. P. Fuller & Co., 397 E St., San Bernardino. Plans were prepared by Associated Architects Walter Culver, 2022 Fuller Blvd., San Bernardino, and Adrian Wilson, Architects' Bldg., 816 W. 5th St., Los Angeles. 4

January 10, 1946

PLANNED

FULLERTON, Orange Co., Calif.—Kohlenberger Engineering Corp., 805 S. Spadra, Fullerton, has purchased a tract of approximately six acres on W. Commonwealth Ave., Fullerton, as a site for a new factory for the manufacture of refrigeration machinery and equipment for selves. The main factory building will be approximately 700 feet in length, of steel and stucco construction. An administration building will be erected near the corner of Commonwealth and Basque Aves. All plan work to date has been done by the owners. 4

January 10, 1946

FIRE LOSS

SANGER, Fresno Co., Calif.—Fire recently destroyed the frame fruit packing house at the Waverley Vineyards, McCall and California Aves., in Sanger, with damage estimated at $15,000. 4

January 10, 1946

TO START CONSTRUCTION
WAREHOUSE Cost, $32,000
OAKLAND, Alameda County, Calif. 421 Madison St.
Construction of one-story brick warehouse.
Owner—Alice G. Lucas, 617 Santa Barbara Rd., Berkeley.
Engineer—R. H. Cooley, 959 33rd St., Oakland.
Contractor—John J. Moore Co., 959 33rd St., Oakland. • 4

January 10, 1946

BIDS IN—HELD UNDER ADVISEMENT
CANNERY Cost, $1,000,000
SAN JOSE, Santa Clara Co., Calif. Cor. Phelan Ave and Senter Rd.
General construction of a reinforced concrete fruit and vegetable cannery on 23-acre site, consisting of main manufacturing building, a boiler house, finished stock warehouse and cold storage unit.
Owner—Beechnut Packing Co., Canajohare, N. Y.
Architects—Binder & Curtis, 35 W. San Carlos St., San Jose.

General construction bids were received January 8 and are being held under advisement pending opening of mechanical bids on January 12, 3 P. M • 4

January 10, 1946

PLANNED
FACTORY ADDN. Cost, $1,000,000
SAN FRANCISCO. Alameda St. between Florida and Bryant Sts.
Construction of factory addition.
Owner — Rainier Brewing Co., 1550 Bryant St.
Engineer—Kaj Theill, 580 Market St. • 4

January 10, 1946

CONTEMPLATED
LABORATORY BUILDINGS Cost, $2,000,000
RICHMOND, Contra Costa Co., Cal.
Construction of laboratory buildings.
Owner — California Research Corp., c/o Standard Oil Co., 225 Bush St., San Francisco.
Plans by Engrg. Dept. of Owner. 4

6— GARAGES AND SERVICE STATIONS

January 10, 1946

CONTRACT AWARDED
GARAGE, ETC. Cost, $18,000
LOS GATOS, Santa Clara Co., Calif.
Construction of one-story garage and distributor's building (4800 sq. ft. in area).
Owner—Fox Motors, Los Gatos.
Architect—Gifford E. Sobey, 69 S. First St., San Jose.
Contractor—J. C. Monk & Son, 45 Tait Ave., Los Gatos.

Construction is scheduled to start next week. • 6

7—FEDERAL BUILDINGS

January 10, 1946

BIDS OPENED

LOS ANGELES, Calif.—H. F. Farrington, 1649 N. Lakewood, Rivera, at $118,500, submitted the low bid to the Los Angeles County Board of Supervisors, 501 Hall of Records, Los Angeles, January 2, for the construction of facilities for housing of juveniles at sheriff's training center, 1060 N. Eastern Ave., City Terrace (Contract No. 1), Specification 774. Plans were prepared by R. E. Ehonerd, Los Angeles County chief mechanical engineer.

Harvey A. Nichols Co., at $124,596, submitted the only other bid.

January 10, 1946

NO BIDS RECEIVED

BERKELEY, Alameda Co, Calif.—No bids were received January 9, 2 P. M., by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for new composition roofing at the U. S. Post Office at Berkeley. • 7

January 10, 1946

BIDS OPENED

SAN JOSE, Santa Clara Co., Calif. —C. E. Wait, San Francisco, at $535, submitted low bid to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for new partitions, etc., at the U. S. Post Office at San Jose.

Other bidders were:
Nick Hemminga, San Francisco, $800.
Adam Arras & Son, San Francisco, $1272 • 7

January 10, 1946

BIDS OPENED

SANTA MONICA, Los Angeles Co., Calif.—J. H. Valley, 5131 Coliseum, Los Angeles, at $685, submitted low bid to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for wire mesh partitions and new partitions at the U. S Post Office, Santa Monica, Los Angeles County.

Other bids were:
James I. Barnes Construction Co., Santa Monica, $990
David Wein, Los Angeles, $1000.
Art Pinner Jr., Los Angeles, $1500. • 7

January 10, 1946

BIDS OPENED

BERKELEY, Alameda Co., Calif.—Nick Hemminga, 627 38th Ave., San Francisco, at $1250, submitted low bid to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for new marquee at the U. S. Post Office at Berkeley.

Other bids were:
C. E. Wait, San Francisco, $1366.
Adam Arras & Son, San Francisco, $1450.
Patrick Sofarelli, Hayward, $1730. • 7

8— CLUB BUILDINGS

Juanry 10, 1946

PREPARING PLANS
LEGION HALL Cost, $150,000
MADERA, Madera County, Calif.
Construction of American Legion hall building.
Owner—American Legion, c/o Commander Frank Blayney, Madera.
Architect — David H. Horn, Rowell Bldg., Fresno. 8

10— HOTELS

January 10, 1946

PLANNED
MOTEL-ADDITION
CHICO, Butte Co., Calif. SE Corner 2nd and Normal.
Construction of two-story Spanish-type 35-room motel addition to the Hotel Oaks; tile roof.
Owner—Frank Steffens, Mgr., Hotel Oaks, Chico.
Architect—Not Announced. 10

13— PUBLIC BLDGS. FIRE HOUSES, JAILS

January 10, 1946

FIRE LOSS

BERKELEY, Alameda Co., Calif.—Fire recently damaged the Shattuck cocktail lounge, 3101 Shattuck Ave., Berkeley, owned by Marvin Branch, 4731 Proctor St., Oakland, with loss estimated at more than $10,000.

Juanry 10, 1946

PREPARING PLANS
CITY BUILDING Cost, $150,000
CHOWCHILLA, Madera Co., Calif.
Construction of two-story municipal building.
Owner—City of Chowchilla, City Hall, Chowchilla.
Architect — David H. Horn, Rowell Bldg., Fresno. 13

January 10, 1946

BOND ELECTION PLANNED
MEMORIAL BUILDING
PINOLE, Contra Costa Co., Calif.
Construction of a frame and stucco memorial building to contain an auditorium, gymnasium, meeting room and kitchen.
Owner—City of Pinole.
Architect—Harry A. Bruno, Syndicate Bldg., 1440 Broadway, Oakland.

At the next meeting of the City Council, January 21, it is planned to set the date to vote bonds in the sum of approximately $30,000 to finance construction. • 13

January 10, 1946

BIDS OPENED

SAN FRANCISCO.—J. W. Bender Roofing & Paving Co., 1999 Bryant St., at $970, submitted low bid to the Department of Public Works, Room 282 City Hall, for reroofing Junior Museum, Ocean Ave.

R. F. Smith, at $991, submitted only other bid. • 13

January 10, 1946

BID OPENED

SAN FRANCISCO. — Western Asbestos Co., 675 Townsend St., at $363, submitted only bid to the Department of Public Works, Room 282 City Hall, for installation of acoustical tile in the controller's office, City Hall. • 13

January 10, 1946

BID OPENED

SAN FRANCISCO.—Patterson and Elvin Iron Works, 280 13th Street, at $1594 submitted only bid to the Department of Public Works, Room 282, City Hall, for repairs to main entrance gates at San Francisco Hospital, Potrero Ave. bet. 22nd and 23rd Streets. • • 13

January 10, 1946

BID OPENED

SAN FRANCISCO.—Adam Arras & Son, 116 New Montgomery Street, at $2230 submitted only bid to the Department of Public Works, Room 282 City Hall, for alterations to Room 164, Traffic Fines Bureau, City Hall; ob No. 485. • 13

January 10, 1946

CONTRACT AWARDED

SAN FRANCISCO.—R. F. Smith, 61 Clementina St., at $978, awarded contract by the Department of Public Works, Room 282 City Hall, for relining and flashing of gutters at Hall of Justice. • 13

14— RESIDENCES

January 10, 1946

PLANS BEING FIGURED—BIDS OPEN JANUARY 24, 1 P. M.
NURSERY AND RESIDENCE
Approximate Cost, $25,000
SAN FRANCISCO. Valencia St. between 24th and 25th Sts.
Construction of frame nursery and residence building.
Owner — Mrs. Lois Sharpe Knight, c/o architects.
Architects—Clarence O. Peterson and Wendell R. Spackman, 604 Mission St. • 14

Plans have been furnished the following contractors:
A. J. Hopper Co., 243 Langton St., San Francisco.
Midstate Construction Co., 1297 Bush St., San Francisco.
C. L. Wold Construction Co., Ltd., 4412-16 Fulton St., San Francisco.
Rademann-Giusto, 40 Ringold St., San Francisco. • 14

January 10, 1946

PLANS COMPLETED
COMMERCIAL BLDG. Cost, $125,000
OAKLAND, Alameda County, Calif. Broadway between Hobart and 21st Sts.
Construction of two-story commercial building (50x46 ft.), glass front, etc.
Owner—Lewis & Lewis, 2093 Broadway, Oakland.
Architect — Wm. E. Schirmer, 1419 Broadway, Oakland. 16

January 10, 1946

PREPARING WORKING DRAWINGS
RESIDENCE Approx. Cost, $9000
SAN JOSE, Santa Clara Co., Calif. Corner S. 15th and William Sts.
Construction of one-story frame and wood exterior residence (six rooms).
Owner—Louis Doerr, c/o architect.
Architect—Gifford E. Sobey, 69 S. First St., San Jose. • 14

15— SCHOOLS

January 10, 1946

PLANNED
GRAMMAR SCHOOL
Cost, $500,000 to $600,000
SUNNYVALE, Santa Clara County, Calif.
Construction of new grammar school building, probably of wood and stucco construction.
Owner — Sunnyvale School District, Stanley Ellis, superintendent, Sunnyvale.
Architect—Not selected.

Construction is scheduled for 1948. • 15

January 10, 1946

BIDS WANTED

COACHELLA, Riverside Co, Calif. —Until February 4, 8 P. M. bids will be received by the Coachella Valley Union High School District of Riverside County at the high school for the construction of a 1-story, 7-room reinforced concrete addition to the high school; cost, $75,000. Plans were prepared by Architects Marsh, Smith & Powell, Architects' Bldg., 816 W. 5th St., Los Angeles, and are available from their office upon deposit of $25. 15

January 10, 1946

PROSPECTIVE BIDDERS
WAREHOUSE
RICHMOND, Contra Costa Co., Calif. Corner 8th and Ohio Sts.
Construction of 3-story reinforced concrete warehouse.
Owner—Richmond Union School District, Walter T. Helms, superintendent of schools, 1108 Bissell Ave., Richmond.
Architects—Dragon & Schmidts, 2068 Allston Way, Berkeley.

Specifications obtainable from the office of the architects upon deposit of $10.

As previously reported, bids will be opened January 25, 10 A. M.

The following contractors have taken out plans:
M. J. King, Inc., 231 Franklin St., San Francisco.
Elmer J. Freethy, 1432 Kearney St., El Cerrito.
Clinton Construction Co., 923 Folsom St., San Francisco.
C. L. Wold Construction Co., Ltd., 4412-16 Fulton St., San Francisco.
Moore & Roberts, 698 Mission St., San Francisco.
Empire Construction Co., Ltd., 344 Harriet St., San Francisco.
Parker, Steffens & Pearce, 135 South Park, San Francisco. • 15

January 10, 1946

BOND ELECTION

EL MONTE, Los Angeles Co., Calif. —Voters of the El Monte Union High School District, Los Angeles County, will vote January 29 on a proposal to issue $900,000 in bonds for the purpose of erecting new school buildings and altering and addition to present buildings. 15

January 10, 1946

CONTRACT AWARDED

SAN FRANCISCO. — Inlaid Floor Co., 600 Alabama St., at $49, awarded contract by the Department of Public Works, Room 282 City Hall, for machine sanding pine floors of kindergarten, domestic science and teachers' lunchroom (approximately 2000 sq. ft.) at the Gough School. • 15

16— BANKS, STORES AND OFFICES

January 10, 1946

PREPARING PLANS

HOLLYWOOD, Los Angeles Co., Calif. — Architect Adrian Wilson, Architects' Bldg., 816 W. 5th St., Los Angeles, is preparing plans for the alteration and renovation of the office building at 1433 Vine for Capitol Records, Inc., same address; estimated cost, $100,000. Myers Bros., 3407 San Fernando Rd., Los Angeles, will be the contractor. 16

Native San Franciscan, recently released from Marine Corps, with background of mutual friends in heavy construction industry, desires sales position with equipment company.
REPLY BOX 15
c/o Daily Pacific Builder
San Francisco, Calif.

January 10, 1946

FIRE LOSS

DOWNEY, Los Angeles Co., Calif. —The All-American Supermarket, 181 E. Firestone Blvd., Downey, was recently damaged by fire which caused an estimated loss of $150,000. 16

January 10, 1946

PLANNED

PASADENA, Los Angeles Co., Calif.—Jack Biffle, 925 Lyndon Way, South Pasadena, will erect a one-story market and store building at 2634-70 E. Colorado St., Pasadena, for self; 282x144 feet in area, reinforced brick and concrete construction; cost, $148,000. Plans were prepared by Russel L. Perin, engineer, 232 W. Main St, Alhambra. 16

January 10, 1946

PLANNED
AUTOMOBILE SALES BUILDING
TURLOCK, Stanislaus County, Calif. E. Main and Palm Sts.
Construction of building for automobile agency.
Owner—Thurman Woods, 218 Orange, Turlock.
Architect—Not announced. • 16

January 10, 1946

COMPLETING WORKING DRAWINGS
STORES AND APARTMENTS
OAKLAND, Alameda County, Calif. N. Grand Ave. east of Euclid Ave.
Construction of building to contain six stores and four studio apartments on second floor; each apartment to consist of living room with twin wall beds, dinette, kitchen, dressing room and separate rooms for washbasin, tub and toilet.
Owner—Foster W. Weeks.
Plans prepared by W. C. Helms, 1759 Broadway, Oakland.

Plans will be completed and bids asked early next week. • 16

January 10, 1946

PLANNED
COMMERCIAL BLDG. Cost, $150,000
OAKLAND, Alameda County, Calif. 29th and Broadway.
Construction of commercial building.
Owner—Transport Motor Co., Reynold C. Johnson, president, 3851 E. 14th St., Oakland.
Architect—Not announced. 16

January 10, 1946

WORK STARTED
OFFICE BUILDING Cost, $90,000
NEWARK, Alameda County, Calif.
Construction of 1-story office building.
Owner—James Graham Manufacturing Co., Newark.
Architect—Frederick H. Reimers, 79 Post St., San Francisco.
Contractor—G. W. Williams Co., 10 California Dr., Burlingame. • 16

January 10, 1946

PLANNED
COMMERCIAL BUILDING
SACRAMENTO, Calif. South side of J St. between 22nd and 23rd Sts.
Construction of building for studio.
Owner—E. Roy Walpole, Sacramento.
Architect—Not announced. 16

January 10, 1946

PLANNED
REMODEL BUILDING
SACRAMENTO, Calif. 725 K St.
Remodeling of 3-story building.
Owner—Jones, Brand & Hullin, Inc., 803 J St., Sacramento.
Architect—Not announced. 16

January 10, 1946

PLANS BEING FIGURED—
BIDS OPEN JAN. 17, 1:30 P. M.
ALTERATIONS & ADDITIONS
SAN FRANCISCO. 1244 Larkin St.
Alterations and additions to 2-story brick loft bldg.
Owner—The Monogram Co., 3264 Mission St., Percy Barker, Manager.
Architect—Steiner & Sweeting, 101 Post Street.

Plans have been furnished the following contractors:
Henry Arian, 4142 Geary Blvd., San Francisco.
Robt. L. Wilson, 1297 Bush Street, San Francisco.
Empire Constr. Co., Ltd., 344 Harriet St., San Francisco. • • 16

17— THEATERS

January 10, 1946

PLANNED

LOS ANGELES, Calif.—Academy of Motion Picture Arts and Sciences, Jean Hersholt, president, 1680 Vine St., Hollywood, has announced plans to take over the Marquis Theater, 9038 Melrose Ave., Los Angeles, and remodel the structure to house the organization's executive offices, library, film vaults, players' director offices and printing plant; estimated cost, $100,000. 17

January 10, 1946

PLANS COMPLETED

ORANGE COVE, Fresno Co., Calif. —Architect Vernon W. Houghton, 124 W. 4th St., Los Angeles, has completed plans for a 500-seat theater building to be built at Orange Cove, Fresno County, for John L. Terrill; 50x100 feet in area; cost, $35,000. 17

19—MISC. CONSTRUCTION

January 10, 1946

CONTRACT AWARDED

SAN FRANCISCO. — Macco Construction Co., Freight and Ferry Sts., Oakland, at $7100, awarded contract by the Public Utilities Commission, Room 287 City Hall, under Airport Contract No. 81 for rock facing and earth embankment on seawall, San Francisco Airport.

Work involves:
(1) 1500 tons furnish and place stone on seawall;
(2) 2500 cu. yds. construct earth embankment.

Complete bids were:
Macco Construction Co., Oakland, (1) $2.90, (2) $1.10; total bid, $7100.
E. J Treacy, San Francisco, (1) $4.20, (2) $2.45; total bid, $12,425.

FOR SALE
ROSS LUMBER CARRIER
pneumatic tires, uses 66-in. blocks. Immediate delivery. Gamerston & Green Lumber Co., 1800 Army St., San Francisco 24. Phone AT. 1300.

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Edgemont School Addn., San Bruno; Bids open January 11, 8 P. M.
Richard Delucchi & Co., 420 San Mateo Ave., San Bruno (San Bruno 974)
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8061).
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).
S. J. Amoroso Constr. Co., 2190 Oakdale Ave., S. F. (MIssion 1490).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Midstate Constr. Co., 1297 Bush St., San Francisco (ORdway 4638).
M. K. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).

Alter Bldg., Grant Ave. and Maiden Lane, S. F.; Bids open Jan. 11, 3 PM.
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616).
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
G. P. W. Jensen & Sons, Inc., 320 Market St., S. F. (GArfield 2444).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
H. H. Larsen Co., 64 South Park San Francisco (EXbrook 3190, 3191)

Alter Hotel Drake Wilshire, San Francisco; Bids open Jan. 11, 2:00 P. M.
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).
M. K. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).

Alter Admin. Bldg., Golden Gate Bridge; Bids open January 11.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Midstate Constr. Co., 1297 Bush St., San Francisco (ORdway 4638).
Adam Arras & Son, 116 New Montgomery St., S. F. (GArfield 8381).
Empire Constr. Co., Ltd., 344 Harriet St., S. F. (HEmlock 3400).
H. H. Larsen Co., 64 South Park, San Francisco (EXbrook 3190, 3191)
R. A. Cullen, 478 Jackson Street, San Francisco (SUtter 1951).

Tamalpais Motor Sales Bldg., Mill Valley; Bids open Jan. 14, 4 P. M.
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Younger Constr. Co., 575 Mission St., San Francisco (SUtter 8266).
D. S. Clinton, 3 Coronet Ave., Mill Valley (Mill Valley 337).

Prefabricated School Bldg., Williams Sch., Concord; Bids open Jan. 11, 4:30
Wm. M. Greuner, Jr., 2727 Parker St., Berkeley (BErkeley 2877)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Willis F. Lynn, 1040 Folger Ave., Berkeley (BErkeley 6044).
C. F. Parker, 1644 Monterey Blvd., San Francisco (OVerland 3723).

Bldgs., Services, Reserve Fleet Berthing, Mare Island; NOy 13295; Spec. 17459; Bids open January 14, 11 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).

Ward Bldgs., Stockton State Hosp., Stockton; Bids open Jan. 29, 2:00 P. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).

Market and Store Bldg., Mill Valley; Bids open January 14, 4 P. M.
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Younger Constr. Co., 575 Mission St., San Francisco (SUtter 8266).

Peninsula Ave. Overcrossing, San Mateo; Bids close Jan. 16, 2 P. M.
M. & K. Corp., 200 Financial Center Bldg., S. F. (Ebrook 7624).
Robt. McCarthy Co., 1050 Kirkham St., S. F. (OVerland 4050).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
Carl N Swenson Co., 355 Stockton Ave., San Jose 4 (BAllard 2602).

Danforth Building, Oakland; Bids open anuary 12.
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).

Alter Continental Bakery, York & Alameda, S. F.; Bid opening date not set
G. P. W. Jensen & Sons, 320 Market St., S. F. (GArfield 2444).
Jacks & Irvine, 620 Market Street, San Francisco (GArfield 2106).
R. A. Cullen, 478 Jackson Street, San Francisco (SUtter 1951).
H. S. Meinberger, 956 Folsom St., San Francisco (EXbrook 9857).

Conversion Bldg., No. 401, S. F. Naval Shipyard, San Francisco; Bids open January 31, 11 A. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).

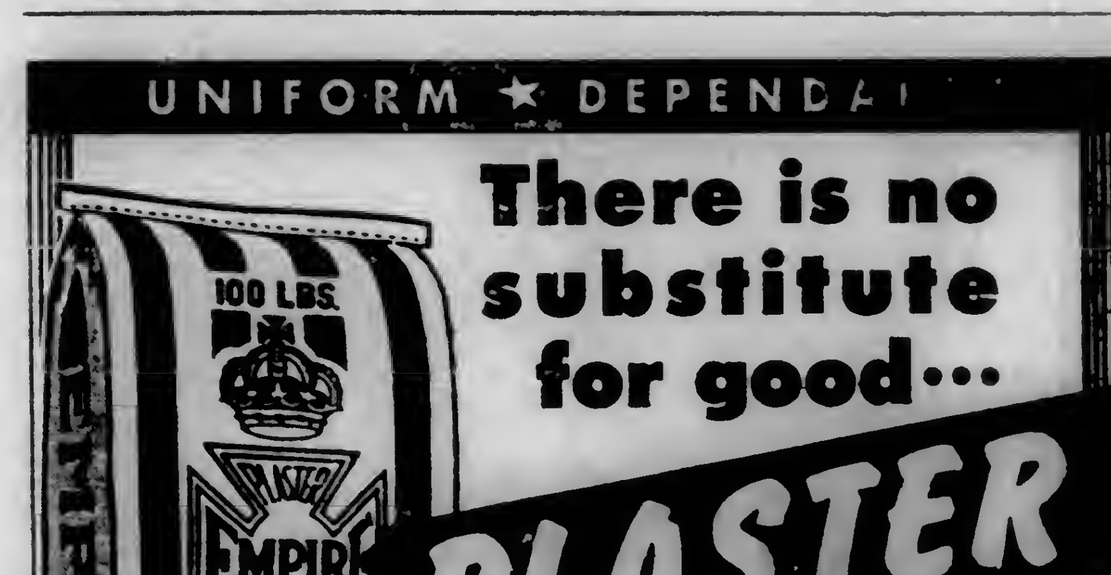
Exterior Alterations, Southern Pacific Hospital, San Francisco; Bids open January 21, Noon.
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)

Two Bridges, San Joaquin County; Bids close January 23, 2 P. M.
Carl N Swenson Co., 355 Stockton Ave., San Jose 4 (BAllard 2602).

Laboratory Bldg., Moffett Field; Bids close January 30, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).

Alter Loft Bldg., 1244 Larkin St., San Francisco; Bids open Jan. 17, 1:30 PM
Henry Arian, 4142 Geary Blvd., San Francisco (BAyview 5797).

BUY MORE WAR BONDS AND STAMPS



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ADVANCE CONSTRUCTION REPORTS

January 10, 1946

CONTRACT AWARDED

SPOKANE and STEVENS COUNTIES, Washington.—Roy L. Bair & Co., 1220 Ide, Spokane, Wash., at $63,650, awarded contract by Bonneville Power Administration, L. C. Stewart, procurement officer, Portland 8, Ore., for clearing right-of-way for Spokane-Colville 115 kv. transmission line, approximately 67 miles in length. 19

January 10, 1946

CONTRACT AWARDED

TACOMA, Wash. — Pacific Boat Building Co., 759 Port Tacoma Rd., Tacoma, Wash., at $1,600,000, awarded contract by the Sun Harbor Packing Co., 1995 Bay Front, San Diego, for the construction of three tuna boats. Two of the craft will be 110 feet long, of steel construction, powered by two twin-screw diesels, cost of $750,000 each; the other will be a 98-foot craft with a 24-foot beam and of wood construction, cost $160,000. 19

January 10, 1946

PRELIMINARY SKETCHES COMPLETED

LAUNDRY, ETC.

Estimated Cost, $20,000

SACRAMENTO, Sacramento County, Calif. Auburn Blvd.

Construction of laundry, showers and toilets for men and women; also layout of trailer court, together with roads, walks, sewers, water system, etc.

Owners—Pete and Mary Derdowski, North Sacramento.

Builder—J. F. Butts, North Sacramento.

Architect — Frederick S. Harrison, Elks' Bldg., Sacramento. • 19

January 10, 1946

CONTRACT AWARDED

BURBANK, Los Angeles Co., Cal. —Burkett Fence Co., 2419 S. La Cienega Blvd., Los Angeles, at $35,687 awarded contract by the U. S. District Engineer Office, 751 S. Figueroa St., Los Angeles, for removal of personnel shelters in public streets, Lockheed Aircraft Corp., Plant B-1, Burbank; Serial 143. 19

20— MISC. SUPPLIES AND MATERIALS

January 10, 1946

BIDS WANTED

SAN FRANCISCO.—Until January 28, 2 P. M., bids will be received by the U. S Treasury Department, Procurement Division, 30 Van Ness Ave., Sna Francisco, under Inv. No. SF-2729-46 for furnishing Jacob staff, hardwood, tapered head, metal shoe, f.o.b. San Francisco.

Specifications obtainable from the above office. • 20

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Dredging, Harbor Works and Excavation 22
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Street Lighting System 24
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Fire Equipment 28
Streets and Highways 29
Reservoirs and Dams 30
Pipe Lines and Wells 31
Sewers and Sewage Disposal Plants 32
Waterworks 33
Parks and Playgrounds 34
Tunnels 35

21— BRIDGES

January 10, 1946

LOW BIDDER

RIO VISTA, Sacramento Co., Calif. —Rio Vista Kiss Crane Co., Rio Vista, at $9450, submitted low bid to the Department of Public Works, Division of Highways, at the office of Paul O. Harding, district engineer, 1200 N. Center St., Stockton, for removing a portion of a bridge across Sacramento River at Rio Vista (X-Sac-53-C) in Sacramento County. • 21

22— DREDGING, HARBOR WORKS, EXCAVATION

January 10, 1946

CONTRACT AWARDED

COLORADO-BIG THOMPSON PROJECT, Colorado. — Henry Shore, Box 271, Littleton, Colo., at $23,300, awarded contract by the Bureau of Reclamation, Denver, Colo., under Spec. 1119 for furnishing labor and materials and performing all work for the construction of riprap for upstream slopes of embankments on the Shadow Mountain dam and dikes, Colorado-Big Thompson Project, Colorado. The work is situated on the Colorado River, about 11 miles northeast of Granby, Colo. • 22

23— CANALS

January 10, 1946

COMPLETE BIDS

ALTUS PROJECT, Oklahoma.—As previously reported, Luther Bros. Construction Co., Fort Worth, Texas, at $255,482, submitted low bid to the U. S. Bureau of Reclamation, Altus, Okla., under Spec 1132 for construction of earthwork and structures, station 376 plus 87.5 to station 610 plus 00, Altus Canal and Altus laterals 2.8 and 9.9 and sublaterals, Altus Project, Oklahoma. The work is situated 1 to 11 miles north of Altus.

Complete bids follow:

Luther Bros. Construction Co., Fort Worth, Texas, (Sch. 1) $120,757, (Sch. 2) $134,725; total, $255,482.

James & Phelps Construction Co., Oklahoma City, Okla., (Sch. 1) $127,403, (Sch. 2) $160,730; total, $288,133.

Stamey Construction Co., Hutchinson, Kan., (Sch. 1) $117,013, (Sch. 2) $189,522.50; total, $306,535.

Ottinger Bros. Construction Co., Oklahoma City, Okla., (Sch. 1) $129,548.50.

Stebbins Construction Co., Tulsa, Okla., (Sch. 1) $150,796, (Sch. 2) $181,370; total, $332,166.

Austin Bridge Co. and Austin Contracting Co., Dallas, Texas, (Sch. 1) $159,628.40, (Sch. 2) $181,186.50; total, $340,814.90.

Morrison-Knudsen Co., Inc., Boise, Idaho, (Sch. 1) $177,391.80, (Sch. 2) $242,526; total, $419,917.80.

Kiewit - Amis - Cunningham, Oklahoma City, Okla., (Sch. 1) $191,584.55, (Sch. 2) $273,490; total, $465,471.55.

Unit prices are on file at the office of DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco. • 23

25—MACHINERY AND EQUIPMENT

January 10, 1946

BIDS OPENED

SAN FRANCISCO—Following submitted bids to the State Division of Highways, office of the district engineer, John H. Skeggs, 2001 Van Ness Ave., San Francisco, for rental of one ½-c.y. capacity truck crane for use in San Mateo and other counties in District IV.

Peter Sorensen, $10 per hour, $10 per hour transportation.

Cairo & Muren, $9; $9. • • 25

January 10, 1946

BIDS OPENED

SAN FRANCISCO—Following submitted bids to the State Division of Highways, office of the district engineer, John H. Skeggs, 2001 Van Ness Ave., San Francisco, for rental of pneumatic-tired dump trucks of not less than 4-c.y. level capacity for approx. 200 hours of work each in Marin, Napa and Sonoma Counties:

Brown Ely Co., $3.50 per hour; $4.05 overtime.

Combs Bros., $3.65 per hour; $4.25 overtime. • • 25

January 10, 1946

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the State Division of Highways at the office of the district engineer, John H. Skeggs, 2001 Van Ness Ave., San Francisco, for rental of one or two not less than 80 h.p. tractors for use in Sonoma County and other various locations in District IV:

T. M Montgomery, Auburn, $8 per hour, $8.75 time and one-half, $9.50 double time; $175 or $7.50 per hour transportation.

W. S. Conkey, Auburn, same as above. • 25

29— STREETS AND HIGHWAYS

January 10, 1946

BIDS OPENED

MONTEREY COUNTY, Calif.—A. Teichert & Son, Inc., Box 1113, Sacramento, at $795,692, submitted low bid to the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about eight and four-tenths miles in length to be graded, crusher run base and plant mix surfacing to be placed and seal coat to be applied, between Santa Rita and eight-tenths mile north of Crazy Horse Summit in Monterey County.

The work involves:

(1) 150 cu. yds. removing concrete;
(2) 441 sta. clearing and grubbing;
(3) 430,000 cu. yds. roadway excavation;
(4) 83,000 cu. yds. fill treatment excavation;
(5) 10,500 cu. yds. structural excavation;
(6) 3000 cu. yds. ditch and channel excavation;
(7) 58,000 sq. yds. compact original ground;
(8) 625,000 mile yds. overhaul;
(9) 2000 cu. yds. mill material;
(10) 64,000 sq. yds. prepare slopes, slope erosion protection;
(11) 25 tons straw slope erosion protection;
(12) 6500 cu. yds. hauling and placing top soil;
(13) 167,000 each mesembryanthemum edule cuttings;
(14) develop water supply and furnish water equipment;
(15) 18,000 M gallons apply water;
(16) 441 sta. finish roadway;
(17) 90,000 tons crusher run base;
(18) 149 tons asphaltic emulsion seal coat;
(19) 1100 tons screenings seal coat;
(20) 410 tons liquid asphalt SC-2 prime coat;
(21) 38,500 tons minimum aggregate plant mix surfacing;
(22) 1750 tons liquid asphalt SC-5 or SC-6 plant mix surfacing;
(23) 45 tons liquid asphalt SC-3 plant mix surfacing stockpiles;
(24) 12,000 sq. ft. place plant mix surfacing ditches and slope drains;
(25) 300 lin. ft. raised bars;
(26) 3 each redwood covers;
(27) 1255 cu. yds. class A portland ceemnt concrete structures;
(28) 160,000 lbs. bar reinforcing steel;
(29) 47 each cast steel frames and covers for drop inlets;
(30) 30 cu. yds. portland cement concrete curbs;
(31) 90 each monuments;
(32) 5040 lin. ft. laminated guardrail;
(33) 4500 lin. ft. move and reconstruct guardrail;
(34) 400 lin. ft. timber barrier railing;
(35) 140 each culvert markers, project markers and guide posts;
(36) 30 each move and reset culvert markers, project markers and guide posts;
(37) 7.8 miles remove and reconstruct fences;
(38) 18 each ruby reflectors;
(39) 140 lin. ft. 8-in. plain concrete pipe;
(40) 180 lin. ft. 36-in. reinforced concrete pipe, standard strength;
(41) 230 lin. ft. 8-in. CMP, 16-gage;
(42) 1850 lin. ft. 18-in. CMP, 16-ageg;
(43) 770 lin. ft. 24-in. CMP, 14-gage;
(44) 360 lin. ft. 30-in. CMP, 14-gage;
(45) 160 lin. ft. 36-in. CMP 12-gage;
(46) 400 cu. yds. filter material underdrains;
(47) 1500 lin. ft. 8-in. perforated MP underdrains, 16-gage;
(48) 10 each spillway assemblies;
(49) 7 each pipe anchors;
(50) 22 each salvage spillway assemblies;
(51) 22 each install salvage spillway assemblies;
(52) 52 70 lin. ft. salvage existing cnocrete pipe culverts;
(53) 70 lin. ft. relay salvaged concrete pipe culverts;
(54) 270 lin. ft. salvage existing CMP culverts;
(55) 220 lin. ft. relay salvaged CMP culverts;
(56) 280 lin. ft. salvage existing spillway assembly downdrains;
(57) 280 lin. ft. relay salvaged spillway assembly downdrains;
(58) 124 lin. ft. salvage field assembled plate culvert;
(59) remove two existing timber bridges.

Total bids follow:

(A) A. Teichert & Son, Inc., $795,692.
(B) Fredricksen & Watson Construction Co., Oakland, $875,313.52.
(C) Harms Bros., Sacramento, $879,796.50.
(D) Charles L. Harney and Piombo Bros., $886,782.50.
(E) Macco Construction Co., Clearwater, $926,822.50.
(F) Guerin Bros., South San Francisco, $947,636.25.
(G) Guy F. Atkinson Co., San Francisco, $977,048.10.

Unit prices will be published shortly. • 29

January 10, 1946

BIDS WANTED

PHOENIX, Ariz. — Until January 15, 10 A. M., bids will be received by the City Commission of the City of Phoenix, office of the city clerk, City Hall, Phoenix, Ariz., for the construction of improvements to portions of Oak Ave. from the northeast line of Grand Ave. to 17.4 feet north of the north line of the alley south of Culver

January 10, 1946

BIDS OPENED

SONOMA and MARIN COS., Cal.—A. G. Raisch Co. and Harms Bros., 2048 Market St., San Francisco, at $1,555,096 submitted low bid to State Div. of Highways, G. T. McCoy, State Highway Engineer, Public Works Bldg., Sacramento, for about 11.9 mi. in length to be graded and paved with portland cement concrete and asphalt concrete on crusher run base and bridges to be constructed across San Antonio and Novato Creeks, between one mile south of Petaluma and Ignacio Wye in Sonoma and Marin Counties.

The work involves:

(1) 3,000 c.y. remove concrete;
(2) 626 sta. clear and grubb;
(3) 680,000 c.y. rdwy. excav.;
(4) 12,600 c.y. ditch and channel excavation;
(5) 16,300 c.y. struct. excav.;
(6) 15,000,000 sta. yds. overhaul;
(7) 25,000 sq. yds. compact original ground;
(8) 216,000 tons imported borrow;
(9) 75,000 s.y. spread top soil, slope erosion protection;
(10) 3,400 lbs. Western Rye grass seed, slope erosion protection;
(11) 178,000 s.y. prepare subgrade;
(12) develop water supply and furnish water equipment;
(13) 20,000 M. gals. apply water;
(14) 626 sta. finish rdwy.;
(15) 34,250 tons crusher run base;
(16) 275 tons liq. asph. SC-1 prime coat and penetration treat.;
(17) 85 tons liq. asph. SC-2, pene. treat.;
(18) 600 tons and, pene. treat.;
(19) 245 tons liq. asph. SC-6 armor coat;
(20) 4,300 tons of screenings, armor coat;
(21) 21 tons asph. emulsion paint binder and seal coat;
(22) 4,800 tons asph. concrete leveling course;
(23) 3,500 tons asph. concrete type B surface course;
(24) 360 l.f. raised bars;
(25) 40,900 c.y. Class B portland cement concrete pave.;
(26) 2,630 c.y. Class A portland cement concrete structs.;
(27) 535 c.y. Class A portland cement concrete footing blocks;
(28) 236 l.f. concrete railing;
(29) 2,600 lbs. misc. iron and steel;
(30) 1,196 l.f. furnish precast conc. piles including test piles;
(31) 26 each drive do;
(32) 2,550 l.f. furnish treated Douglas fir piles;
(33) 83 each drive do;
(34) 175 c.y. broken conc. riprap;
(35) 610 c.y. Class B portland cement conc. curbs and gutters;
(36) 112 each right of way monuments;
(37) 65 each center line monuments;
(38) 5,470 l.f. metal plate guard railing;
(39) 304 l.f. timber bridge railing;
(40) 150 l.f. moving and reconstructing guard railing;
(41) 220 each culvert markers;
(42) 400 each guide posts;
(43) 14 miles new property fences;
(44) 14 each 14-ft. drive gates;
(45) 6 each 16-ft. drive gates;
(46) 9 each 18-ft. drive gates;
(47) 18 each move and reset drive gates;
(48) 650 l.f. chain link fence;
(49) 0.5 mile remove and reconstruct property fences;
(50) 4,100 l.f. 12-in. reinf. conc. pipe, standard strength;
(51) 2,300 l.f. 18-inch do;
(52) 270 l.f. 24-inch do;
(53) 50 l.f. 30-inch do;
(54) 310 l.f. 36-inch do;
(55) 88 l.f. 48-inch do;
(56) 130 l.f. 8-in. CMP, 16 gage;
(57) 400 l.f. 12-inch do;
(58) 1,900 l.f. 18-inch do;
(59) 890 l.f. 24-in. CMP 14 gage;
(60) 190 l.f. 30-inch do;
(61) 150 l.f. 36-in. CMP 12 gage;
(62) 1 each 24-in. automatic drainage gate;
(63) 4,800 l.f. 4-in. perf. MP underdrains, 16 gage;
(64) 1,000 c.y. filter material;
(65) 40 each spillway assemblies;
(66) 720 l.f. 8-in. CMP down drains, 16 gage;
(67) 1,800 l.f. salvage existting pipe culverts;
(68) 800 l.f. relay salvaged CMP culverts;
(69) 6 each type 1 steel frames and grates;
(70) 112 each type 2 do;
(71) 366,000 lbs. furnish bar reinf. steel pave and structs.;
(72) 366,000 lbs. place do;
(73) 28,500 each pave tie bolt assemblies;
(74) misc. items of bridge work.

Total bids follow:

(A) A. G. Raisch Co. and Harms Bros., San Francisco. $1,555096.
(B) Macco Constr. Co. Clearwater, $1,593,962.50.
(C) Chas. L. Harney and Piombo Bros. Co., San Francisco, $1,598,022.80.
(D) E. W. Elliott Constr. Co., San Francisco, $1,666,771.50.
(E) Parish Bros., Benicia, $1,674,228.90.
(F) Fredricksen & Watson Constr. Co., Oakland, $1,808,567.
(G) Guy F. Atkinson Co., San Francisco, $1,894,607.
(H) M.B. Constr. Co. and Bressi & Bevanda, Stockton, $1,896,022.10.
(I) Hubert H. Everest, Sr., San Francisco, $2,115,357.12.
(J) A. Teichert & Son, Inc., Sacramento, $2,146,267.40.

Unit prices will be given shortly. 29

January 10, 1946

BIDS OPENED

BERKELEY, Alameda Co., Calif.—Albany Concrete Co., 1840 4th St., Berkeley, at $1721.80, submitted low bid to the City of Berkeley, city clerk, City Hall, Berkeley, for construction of concrete steps and walk on Acacia Path, Spruce to Cragmont.

The work involves:

(1) 25 cu. yds. grading;
(2) 69 lin. ft. concrete steps;
(3) 636 sq. ft. concrete walk;
(4) 63 lin. ft. pipe hand rail.

Complete bids follow:

Albany Concrete Co., Berkeley, (1) $4, (2) $18, (3) $0.30, (4) $3; total, $1721.80.

Patrick Sofarelli, Hayward, (1) $8, (2) $21, (3) $0.80, (4) $4; total, $2409.

January 10, 1946

BID OPENED

SAN FRANCISCO.—Chas. L. Harney, 625 Market St., at (1) $0.35; (2) $1; (3) $2; total, $4824 submitted only bid to the Department of Public Works, Room 282, City Hall, under Spec. No. 20033 for improvement of 36th Ave. (west one-half) between Noriega and Ortega Streets.

Work involves:

(1) 11,860 sq. ft. asphaltic concrete on rock subbase pavement, consisting of 6-inch compacted rock subbase, a 4-in. asphaltic concrete base and 2-in. asphaltic concrete wearing surface;
(2) 593 l.f. unarmored conc. curbs;
(3) 40 l.f. 6-in. vit. clay pipe side sewers. 29

January 10, 1946

CONTRACT AWARDED

CORONADO, San Diego Co., Calif. —R. E. Hazard, 2548 Kettner Blvd., San Diego, at $24,270, awarded contract by the U. S. Navy, Bureau of Yards and Docks, Washington, D. C., for additional black topping at the U. S. Naval Amphibious Training Base, Coronado; Spec. 17271. 29

January 10, 1946

BIDS OPENED

SAN FRANCISCO.—Chas. Harney, 625 Market Street, at $7817.80 submitted the low bid to the Department of Public Works, Room 282 City Hall, for improvement of Rivera St., between 42nd and 43rd Aves., including crossing of Rivera St. and 42nd Avenue.

The work involves:

(1) 120 cu. yds. grading (excavation);
(2) 3400 cu. yds. grading (fill);
(3) 310 lin. ft. 12-in. vitrified clay pipe sewer;
(4) 40 lin. ft. 8-in. vitrified clay pipe sewer;
(5) 110 lin. ft. 10-in. vitriifed clay pipe culvert;
(6) 1 each brick manhole complete;
(7) 3 each brick catchbasins complete;
(8) 9 each 12x6-in. vitrified clay pipe wye branches;
(9) 225 lin. ft. 6-in. vitrified clay pipe side sewers;
(10) 575 lin. ft. unarmored concrete curb;
(11) 16,900 sq. ft. asphaltic concrete pavement;
(12) 660 sq. ft. two-course concrete sidewalk;
(13) 4 each water services, short at $8.50;
(14) 5 each water services, long, at $21.30;
(15) lump sum, water main, $538.10.

Total bids follow:

(A) Chas. L. Harney, $7817.80.
(B) Fay Improvement Co., $8791.30.
(C) Eaton & Smith, $8882.55.

Unit prices follow:

	(A)	(B)	(C)
(1)	$.01	$.01	$.01
(2)	.01	.01	.01
(3)	2.00	3.00	5.00
(4)	2.00	2.50	4.00
(5)	2.50	2.50	4.00
(6)	175.00	160.00	200.00
(7)	150.00	160.00	190.00
(8)	1.00	2.00	4.00
(9)	1.00	1.50	2.75
(10)	1.00	1.00	1.00
(11)	.27	.30	.23
(12)	.20	.20	.20
(13)	8.50	8.50	8.50
(14)	21.30	21.30	21.30
(15)	538.10	538.10	538.10

• 29

30—RESERVOIRS & DAMS

January 9, 1946

BIDS WANTED

CANTON, Blaine Co., Okla.—As previously reported, until February 7 (tentative date), bids will be received by the U. S. District Engineer Office, P. O. Box 61, Tulsa, Okla., for the construction of spillway and completion of embankment, Canton Dam, on the North Canadian River, in Blaine County, about two miles north of Canton, Okla.

The completed project will consist essentially of a rolled earth fill embankment, four rolled earth fill dikes, concrete spillway and control works and service buildings. The four dikes, a portion of the embankment and part of the excavation for the spillway have been completed by a previous contract. Plans and specifications available at the above office upon deposit of $35 and will be accessible for inspection at the U. S. Engineer Office, 751 S. Figueroa St., Los Angeles.

The work involves:

(1) 2,000,000 cu. yds. excavation;
(2) 1,700,000 cu. yds. fill;
(3) 10,000 cu. yds. sand in drainage trench;
(4) 180,000 cu. yds. (regular bid) and 300,000 cu. yds. (alternate bid) protection stone and including crushed rock, riprap and derrick stone;
(5) 120,000 bbls. cement;
(6) 1,000,000 lbs. reinforcement steel;
(7) 110,700 cu. yds. concrete;
(8) 3600 lbs. copper water stops;
(9) 140 lin. ft. 4-in. concrete pipe;
(10) 125 lin. ft. 15-in. corrugated metal pipe;
(11) 500 lin. ft. 6-in. vitrified clay pipe;
(12) 3600 lin. ft. 6-in. perforated vitrified clay pipe;
(13) 33,800 lbs. miscellaneous wrought iron pipe;
(14) 40,000 lbs. miscellaneous cast iron pipe;
(15) 95,000 lbs. miscellaneous metal work;
(16) 62,800 lbs. miscellaneous iron and steel castings;
(17) 5000 lbs. miscellaneous non-ferrous metals;
(18) 47,000 lbs. lead;
(19) 240,000 lbs. tainter gate embedded metal;
(20) 12,000 lbs. tainer gate steel forgings;
(21) 6700 lbs. rubber seals, molded;
(22) 20,000 lbs. tainer gate corrosion-resisting steel;
(23) 900,000 lbs. tainer gate movable parts;
(24) lump sum, tainer gate operating machinery;
(25) lump sum, 3 tractor-type sluice gates and 1 emergency gate, with frames, guides, hoists and conduit liners;
(26) lump sum, standby electric generator unit;
(27) lump sum, masonry service building including water treatment plant therein;
(28) lump sum, elevated water storage tank;
(29) 20,000 lbs. metal conduit;
(30) 5500 lin. ft. 2-in. fiber duct;
(31) lump sum, electric wiring, fixtures and equipment;
(32) 1000 sq. yds. sodding, Bermuda;
(33) 12,000 sq. yds. sodding, buffalo grass. 30

32— SEWERS & SEWAGE DISPOSAL PLANTS

January 10, 1946

BIDS WANTED

FRESNO, Calif.—Until January 24, 10 A. M., bids will be received by the City of Fresno, D. E. Roughton, city clerk, City Hall, Fresno, for the installation of sewers in Fairview Gardens and Fairview Gardens Annex, Fresno. Certified check for 10 per cent to accompany bids.

The work involves:

(1) 1154 lin. ft. 8-in. vitrified clay pipe;
(2) 3358 lin. ft. 6-in. vitrified clay pipe;
(3) 149 Y's;
(4) 8 each, concrete manholes. • 32

January 10, 1946

BIDS OPENED

FRESNO, Calif.—Wm. E. Kovick, 145 W. Shields Ave., Fresno, at $4677, submitted the low bid to the City of Fresno. D. E. Roughton, city clerk, City Hall, Fresno, January 3, for the installation of cast iron water mains in Figarden Manor and adjacent streets, Fresno. The city will furnish all pipe and fittings and all other material which is a part of the permanent installation of the pipelines.

The work involves:

(1) 1870 lin. ft. 4-in. cast iron pipe;
(2) 2310 lin. ft. 6-in. cast iron pipe;
(3) 940 lin. ft. 8-in. cast iron pipe;
(4) 1050 lin ft. 10-in. cast iron pipe.

The bids submitted were:

Wm. E. Kovich, (1) $.55, (2) $.60, (3) $.85, (4) $1.30; total, $4677.

W. M. Lyles, Fresno, (1) $.75, (2) $.85, (3) $1.05, (4) $1.35; total, $5869. 33

January 10, 1946

SURVEY UNDER WAY

HAYWARD, Alameda Co., Calif.—Harold F. Gray, sanitary and hydraulic engineer, 2540 Benvenue Ave., Berkeley, is preparing a survey for the solution of the City of Hayward's postwar sewage problems. A preliminary report advocates construction of a domestic sewage waste plant, $272,000; construction of industrial sewage plant, $168,000. 32

January 10, 1946

BIDS OPENED

SAN FRANCISCO.—Fay Imp. Co., 760 Market St., at $4636.50 submitted low bid to Dept. of Public Works, Room 282. City Hall, under Spec. No. 20035 for construction of Hubbell Street sewer between 16th and 17th Streets.

Work involves:

(1) 758 l.f. 18-in. vitrified clay pipe sewer;
(2) 35 l.f. 21-inch do;
(3) one each 18x10-in. Wye branch;
(4) 25 each 18x8-in. do;
(5) two manholes on VCP sewer;
(6) lump sum, reconstruct manhole.

Complete bids follow:

Fay Imp. Co., (1) $4.75; (2) $12; (3) $6; (4) $8; (5) $153; (6) $104; total, $4636.50.

Chas. L. Harney, (1) $4.80; (2) $13; (3) $9; (4) $9; (5) $175; (6) $125; total, $4802.40.

Eaton & Smith, (1) $7; (2) $9; (3) $10; (4) $9; (5) $200; (6) $100; total $6356.

E. J. Treacy, (1) $12.83; (2) $10; (3) $10; (4) $10; (5) $200; (6) $125; total, $10,860.14.

R. Flatland, (1) $13.25; (2) $14.50; (3) $12.50; (4) $12.50; (5) $175; (6) $70; total, $11,296.

M. & K. Corp., (1) $17.50; (2) $20; (3) $5; (4) $5; (6) $250; (6) $80; total $14,675.

Martin Murphy, (1) $17; (2) $25; (3) $25; (4) $15; (5) $200; (6) $150; total, $14,706. • • 32

January 10, 1946

BIDS WANTED

FORT MacARTHUR, Los Angeles Co., Calif.—Until January 17, 1 P. M, bids will be received by the U. S. District Engineer Office, 751 S. Figueroa St., Los Angeles, for the construction of additional sewage facilities for personnel center at Fort MacArthur; Serial 144.

The work involves:

(1) 80 lin. ft. remove and replace concrete pavement;
(2) 410 lin. ft. remove and replace asphalt pavement;
(3) 25 lin. ft. 12-in. vitrified clay pipe sewer;
(4) 1060 lin. ft. 8-in. vitrified clay pipe sewer, unencased;
(5) 16 lin. ft. 8-in vitrified clay pipe sewer, encased;
(6) 350 lin. ft. 6-in. vitrified clay pipe sewer;
(7) lump sum, pump discharge line;
(8) 4 each manhole bases;
(9) 16 lin. ft. manhole shaft;
(10) 4 each manhole frame and cover set "A";
(11) lump sum, sewage control gates and valves;
(12) lump sum, revisions at existing manholes;
(13) lump sum, sewage pump station and junction box;
(14) lump sum, extensions of electric distribution system;
(15) lump sum, installation of pumping equipment. 32

January 10, 1946

LOW BIDDERS

LOS ANGELES, Calif. — Guy F. Atkinson Co., Orange and Railroad Aves., South San Francisco, at $3,517,410, submitted low bid to Los Angeles Board of Public Works, Room 153 City Hall, Los Angeles, for the construction of Ocean outfall sewer from Hyperion activated sludge plant. The site of work is located at Hyperion Beach on Santa Monica Bay, commencing at a point 144 ft. east of the center line of the Pacific Electric Railway right-of-way, being approximately 600 ft. south of the existing Hyperion pier, and extending in a westerly direction approximately 5424 ft. The work involves:

(A) Construct the reinforced concrete ocean outfall sewer line and appurtenances;

(B) Excavate and backfill to the prescribed lines and elevations;

(C) Construct the steel H-pile foundations;

(D) Construct the concrete footings and concrete encasement for the ocean outfall sewer;

(E) Fabricate and install the reinforced concrete pipes;

(F) Demolish and remove the existing portion of the Hyperion piers;

(G) Furnish labor and material, except that furnished by the city or others to complete the work in 450 calendar days.

Plans were prepared by Lloyd C. Aldrich, Los Angeles city engineer.

Second and third low bids follow:

Pacific Bridge Co., San Francisco, $3,699,267.

Pacific Marine Constructors, joint venture, composed of Grafe-Callahan Construction Co., Gunther & Shirley, Peter Kiewit, Condon - Cunningham, J. D. Proctor and B. W. Kune, $3,886,594.

All figures are unofficial and subject to change. • 32

33—WATERWORKS

January 10, 1946

CONTRACT AWARDED

ALOHA, Ore.—Eugene Ruedy Co., 2919 NW. Nicolai, Portland, at $198,565.65, awarded contract by the Aloha Huber Water District, c/o Huber Commercial Club, Aloha, for construction of water system in Huber and Aloha and intervening territory. Plans by C. E. Carter, civil engineer, 822 Spalding Bldg., Portland.

Other bids were:

O. L. Soule, $174,762.

Leonard & Slate, Portland, $207,771.73.

Ford & Walker, $212,426.50.

George Abraham, Portland, $213,361.50.

Parker Schram, Portland, $220,396.25.

P. S. Lord, Portland, $231,306.09.

Gallagher, Kirk & Thomas, Tacoma, $232,685.11.

Empire Construction Co., Portland, $239,599.50.

Automatic Sprinkler Co., Portland, $267,095.75. 33

Juanry 10, 1946

BIDS OPENED

PITTSBURG, Contra Costa Co., Calif.—Pacific Pipe Line Construction Co., 2128 San Pablo Ave., El Cerrito, at $23,955, submitted low bid to the City of Pittsburg, Frank R. Taormina, city clerk, City Hall, Pittsburg, for construction of addition to the filtration plant.

Other bids were:

Adam Arras & Son, San Francisco, $30,917.

Central California Construction Co., San Francisco, $31,055.

Bids held under advisemnt until meeting of City Council on Saturday. • 33

Machinery & Material

RECLAMATION BUREAU

CENTRAL VALLEY PROJECT, Calif.—Until January 18, 2 P M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver 2, Colo., under Inv. D-33,250-A for steel reinforced bare aluminum stranded conductor, compression connectors, etc., f.o.b. shipping point and/or Marysville, and/or intermediate points between Sacramento and Oroville, Oroville-Sacramento 230 kv. transmission line, Central Valley Project.

Specifications obtainable from the above office. •

Priority Regulation

(Continued from Page 1)

which time it may be made available to non-veterans, but on the same terms. Likewise a veteran purchaser must pledge the same terms in reference to resale and at the same price or rental, or in the event of conversion to increase housing facilities.

The principal objective of the order is to give assistance to builders in obtaining critical materials, 50% of which the CPA is endeavoring to earmark or channel into the Reconstruction Housing Program.

New Steel Revealed

(Continued from Page One)

sulphuric acid solution, evaluated by bend tests and microscopic examination, showed this steel is not susceptible to intergranular corrosion, and three and one-half years of exposure in marine, industrial and semi-rural atmospheres demonstrated it is equivalent in corrosion resistance to the more common 18-8 types.

Technological details concerning this new steel will be presented in a technical paper, "A Precipitation Hardening Stainless Steel of the 18% Chromium-8% Nickel Type," by R. Smith, E. H. Wyche and W. W. Gorr before the February meeting of the American Institute of Mining and Metallurgical Engineers in Chicago. The authors of this paper are metals technicians who played a major role in the development of Stainless W.

The "W" was added to the new steel's name in honor of Wood Works, where this steel was born in wartime, its birth being kept secret due to military necessities. Wood Works is one of the oldest plants of Carnegie-Illinois. It was erected in McKeesport in 1851 for the production of hammered iron sheets to compete with imported Russian iron. The founder of the plant went abroad in the fifties to study Russian production methods, then returned to McKeesport and operated his plant with such success that the foreign product was soon driven from the American market. The plant now specializes in the rolling of stainless steels for special purposes.

Classified Advertising

WANTED

ARCHITECTURAL DRAFTSMAN. General exper. Salary open. Irvin Wm. Goldstine, Room 850, Pacific Bldg. Phone EXbrook 8946. (1/9-10-11-14-15/46)

Experienced architectural DRAFTSMAN out of city. If interested, housing available. Mayo & Johnson, 307 Exchange Bldg., Stockton. Phone Stockton 9-9359.

BUILDING CONTRACTOR wants contact with young ARCHITECT. Reply Box 110, c/o Daily Pacific Builder. 1/9-10-11-14, '46

PAINTING ESTIMATOR who is familiar with Painting Contractors. Must be good. Reply Larry's, 815 Greenwich St., S. F. Phone GR 4942. (1/8-9-10-11-14/46)

Exper. FOREMAN for Const. of STORES and OFFICES in San Francisco. Reply Box 17, c/o Daily Pacific Builder. •

BLDG. CONSTR. SUPT. State experience and references. Reply Box 16 c/o Daily Pacific Builder. (1/4-7-8-9-10/45)

ARCHITECTURAL DRAFTSMAN wanted. Experienced. Conrich, 593 Market St., Room 226. SU. 6815 or SK. 8875. to Jan. 15, 1946

POSITION WANTED

CIVIL ENGINEER, graduate, veteran, desires position with contractor, estimating or field; 4 years exp. office engin. in hydraulics, highways and structural steel design. Reply Box 14, c/o Daily Pacific Builder. Jan. 4-7-8-9-10-11, '46

ESTIMATOR - GENERAL MANAGEMENT. State and Federal taxes, Contract Negotiation, etc. Reply Box 19, c/o Daily Pacific Builder. (1/9-10-11-14-15/46)

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Prospective Bidders

Garage and Sales Building, Mill Valley, Calif.

BIDS: c/o Architect Winfield H. Hyde, 251 Kearny St., Room 205, San Francisco (EXbrook 8361), for Tamalpais Motor Sales, Oliver Sollom, owner; January 11, 4 P. M.

De Lucca & Son, 1745 Filbert St., San Francisco.

Litchfield Construction Co., 271 Francisco Blvd., San Rafael.

John Rocco, 415 4th St., San Rafael.

Younger Construction Co., 575 Mission St., San Francisco.

Parker, Steffens & Pearce, 135 South Park, San Francisco.

Howes & Whitaker, 626 Russ Bldg., San Francisco.

Leibert & Caletti, 28 Francisco Blvd., San Rafael.

M. J. King, Inc., 231 Franklin St., San Francisco.

Stolte, Inc., 8451 San Leandro St., Oakland.

Exterior Alterations, Southern Pacific General Hospital, Fell and Baker Sts., S. F.

BIDS: Southern Pacific Co., 65 Market St., San Francisco, January 21, Noon. Plans by engineering department of owner.

Swinerton & Walberg Co., 225 Bush St., San Francisco.

Central California Construction Co., 116 Erie St., San Francisco.

A. M. Hardy, 736 Clementina St., San Francisco.

Russell A. Cullen, 478 Jackson St., San Francisco.

Jacks & Irvine, 620 Market St., San Francisco.

Rademann-Giusto, 40 Ringold St., San Francisco.

Alter Hotel Drake-Wilshire, San Francisco, Calif.

BIDS: Walter M. Ballard Corp., Hobart Bldg., San Francisco, for John B. Quigley, January 11, 2 P. M.

Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., San Francisco.

Swinerton & Walberg Co., 225 Bush Street, San Francisco.

Howes & Whitaker, 626 Russ Bldg., San Francisco.

Barrett and Hilp, 918 Harrison St., San Francisco.

Prefabricated School Bldg., Concord, Calif.

BIDS: Concord Elementary School District, Willow Pass Rd., Concord, January 11, 4:30 P. M. Plans prepared by Architects Dragon & Schmidts, 2068 Allston Way, Berkeley 4.

Willis F. Lynn, 1040 Folger Ave., Berkeley.

Wm. M. Greuner Jr., 2727 Parker St., Berkeley.

M. J. King, Inc., 231 Franklin St., San Francisco.

Rademann-Giusto, 40 Ringold St., San Francisco.

C. F. Parker, 1644 Monterey Blvd., San Francisco.

Buildings and Services for Reserve Fleet Berthing, Mare Island, Calif.

BIDS: Officer in Charge of Construction, Public Works Department, Mare Island; contract NOy 13296, Spec. 17459; January 14, 11 A. M.

Barrett & Hilp, 918 Harrison St., San Francisco.

M. & K. Corp., 200 Financial Center Bldg., San Francisco.

Parker, Steffens & Pearce, 135 South Park, San Francisco.

Moore & Roberts, 693 Mission St., San Francisco.

Johnson, Drake & Piper, 1736 Franklin St., Oakland.

A. J. Hopper Co., 243 Langton St., San Francisco.

Lawrence Construction Co., 3020 V St., Sacramento.

M. J. King, Inc., 132 Franklin St., San Francisco.

Peter Kiewit Sons Co., 442 Post St., San Francisco.

Robert McCarthy Co., 1050 Kirkham St., San Francisco.

Louis C. Dunn, 799 Monadnock Bldg., San Francisco.

J. H. Pomeroy & Co., Inc., 333 Montgomery St., San Francisco.

Healy - Tibbitts Construction Co., 1100 Evans Ave., San Francisco, and Duncanson-Harrelson Co., DeYoung Bldg., San Francisco.

James I. Barnes Constr. Co., 941 Russ Bldg., San Francisco.

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Building Permits, Contracts --- Recorded Notices

BUILDING PERMITS

Building Permits, $1,000 and Over, Applied For

SAN FRANCISCO COUNTY

DWELLINGS, two 1-story frame
N PARQUE DR 28, 53 W Carrizal.
Owner and Builder—The Ruegg Co, 604 Russ Bldg.
Architect—Not Given. $5,000 each
(App Nos 85062-63).

OFFICE and Laboratory, 1-story
SW PENNSYLVANIA and Army.
Owner—Willits Laboratories, 4 San Pablo Ave, Emeryville.
Architect—Not Given. $5,000
(App No 85112).

DWELLINGS, three 1-story frame
NE POPE 21 W Prague; N Prague 234, 294 W Curtis St.
Owner and Builder—Peninsula Bldg Co, 2000 Evans Avenue.
Architect—Not Given. $4,500 each
(App Nos 85065-67).

ALTER salesroom and office
NE 12th and HOWARD STS.
Owner—D E Sanford Co, premises
Contractor—Mangrum, Holbrook and Elkus, Fell and Gough Sts.
Architect—Not Given. $4,000
(App No 85074).

ALTER DWELLING
2570 19th AVENUE.
Owner—J J Mullany, c/o cntr.
Contractor—Fred J Early, Jr, Co, Inc 369 Pine Street.
Architect—Not Given. $3,000
(App No 85077).

WAREHOUSE, 1-story frame
E DeHARO 75 N Berry St.
Owner—S F Gravel Co, Berry and DeHaro Streets.
Contractor—S J Amoroso Constr Co, 2100 Oakdale Ave.
Architect—Not Given. $2,000
(App No 85080).

ALTER RESTAURANT
2372 MISSION STREET.
Owner—Weymond Low, 1000 Mason.
Contractor—M & N General Contractors, 1422 Market Street.
Architect—Not Given. $2,000
(App No 85111).

ALTER HOTEL
439 JONES STREET.
Owner—J Samter, 2048 Market St.
Contractor—I W Coburn, 2048 Market Street.
Architect—Not Given. $2,000
(App No 85099).

ALTER SALES OFFICE
221 FIRST STREET.
Owner—S Young, 201 First Street.
Contractor—Adam Arras & Son, 116 New Montgomery St.
Architect—Not Given. $2,000
(App No 85103).

ALTER BAR
70 TURK STREET.
Owner—John Busterno, premises.
Contractor, Mangrum, Holbrook and Elkus, Fell and Gough Sts.
Architect—Not Given. $1,500
(App No 85073).

ALTER WAREHOUSE
537 EIGHTH STREET.
Owner—Linde Air Products Co, 114 Sansome Street.
Contractor—Not Let.
Architect—Not Given. $1,100
(App No 85101).

ALTER DWELLING
1 MARNE AVENUE.
Owner—K S Mitchell, 2048 Market.
Contractor—I W Coburn, 2048 Market Street.
Architect—Not Given. $1,000
(App No 85100).

SIGN, ELECTRIC
30 MASON STREET.
Owner—Woodward, 30 Mason Street.
Contractor—Brumfield Electric Sign Co, 965 Folsom St.
Architect—Not Given. $1,000
(App No 85070).

1-STORY FRAME MARKET
NE. 25TH AND NORIEGA.
Owner—P. Herlihy, 770 5th Ave.
Builder—Day Work.
Architect—Not Given. $32,500
(Application No 85138)

ALTER TICKET OFFICE
287 GREARY STREET.
Owner—Western Air Lines, Inc, 291 Geary St.
Builder—DeLuca & Son, 1745 Filbert.
Architect—Not Given. $20,000
(Application No 85151)

ALTER DWELLING
88 WEST CLAY PARK.
Owners—Mr. and Mrs. A. Koret, 212 Clara St.
Builder—A. P. Mattock Co., 212 Clara.
Architect—Not Given. $12,500
(Application No 85120)

1-STORY FRAME DWELLINGS (8)
SE. 16TH AVE. AND NORIEGA; NW. NORIEGA 140, 244, 256, 289, 327, 365, 434 SE. 16TH AVE.
Owner and Builder—Henry Doelger, Builder, Inc., 320 Judah.
Architect—Not Given. $6,500 each
(Application Nos 85121 to 28)

2-STORY FRAME STORE & FLAT
SW. RANDOLPH AND VICTORIA.
Owners—Charles T. Burke and A. Infusino, 708 14th St.
Builder—Francis O'Reilly, 1127 Hearst Bldg.
Architect—Not Given. $6,000
(Application No 85143)

ALTER OFFICE BUILDING
1167 MISSION STREET.
Owner — American Import Co., c/o contractor.
Builder — McGahey & Olson, 531A Douglass St.
Architect—Not Given. $6,000
(Application No 85142)

1-STORY FRAME DWELLING
E. 34TH AVE. 179.3 N. TARAVAL.
Owner—Walter J. Larson, 15 Gennessee.
Builder—Eric Dahlberg, 583 Victoria.
Architect—Not Given. $6,000
(Application No 85147)

1-STORY FRAME DWELLINGS (5)
NW. ATHENS 75, 100, 125, 150, 175 NE. EXCELSIOR AVE.
Owners and Builders—F. C. Frank and E. Vignati, 4645 Mission St.
Architect—Not Given. $5,300 each
(Application Nos 85129-33)

ALTER STORE AND FLATS
4760 MISSION STREET.
Owner—Thomas Valuga, 4666 Mission
Builder — Bosnos Construction Co, 4666 Mission St.
Architect—Not Given. $5,000
(Application No 85146)

1-STORY FRAME DWELLING
E. VICTORIA 175 N. STANLEY.
Owners—C. T. Burke and A. Infusino, 708 14th St.
Builder—Francis O'Reilly, 1127 Hearst Bldg.
Architect—Not Given. $5,000
(Application No 85150)

ALTER STORE
MARKET AND HAIGHT STREETS.
Owner—Hotaling Estate, 225 Bush St.
Builder—H. S. Meinberger, 956 Folsom St.
Architect—Not Given. $4,500
(Application No 85134)

ALTER FLAT AND STORE
SW. MENDELL 70 NE. PALOU.
Owner—Joseph Flores, 1425 Mendell.
Builder—Day Work.
Architect—Not Given. $4,500
(Application No 85136)

1-STORY FRAME DWELLINGS (2)
W. PRENTISS 50, 75 S. OGDEN.
Owner and Builder — Bergstrom & Larrick, 305 Prospect Ave.
Architect—Not Given. $4,500 each
(Application Nos 85144-45)

ALTER FACTORY
250 BROADWAY.
Owner—West Paint Co., premises.
Builder — Independent Construction Co., 549 Fell St.
Architect—Not Given. $1,500
(Application No 85139)

ALTER DWELLING
3699 WASHINGTON STREET.
Owner—Leland S. Rosener, 233 Sansome St.
Builder—Swinerton & Walberg Co., 225 Bush St.
Architect—Not Given. $1,500
(Application No 85152)

ALTER DWELLING
3508 GEARY BLVD.
Owner—C. L. Thomas, premises.
Builder—Coast Building Co., 744 Harrison St.
Architect—Not Given. $1,000
(Application No 85140)

ALTER RESTAURANT AND BAR
3014-16 22ND STREET.
Owner—Camillo de Jesus, 3014 22nd Street.
Builder—Day Work.
Architect—Not Given. $1,000
(Application No 85114)

Building Permits, $1,000 and Under, Applied For

SAN FRANCISCO COUNTY

ALTER dwelling, $600; 2146 Great Highway; owner, E Geary, 63 Brady; contractor, A L Thulin, 63 Brady.

ALTER flats, $500; 1654-56 Taylor St; owner, Edmund Loewy, 130 Sutter St; contractor, City Roofing Co 3303 Mission St.

ALTER dwelling, $495; 228 9th Ave; owner, Marino Scardigli, 3020 Fillmore St; contractor, D & S Ferroni, 1964 Filbert St.

ALTER dwelling, $480; 2546 Sutter; owner, Bennett, premises; contractor, Coast Bldg Co, 744 Harrison.

SIGNS, three electric, 325 Market St, $497, owner, H Ruderman; 2149 Taraval St, $489, owner, H Gordon 1484 Market St, $422, owner, J B Weir; contractor, Neon Mtce Corp, 755 Davis St.

SIGN, wood display, $260; 781 Sacramento; owner, American President Lines, 311 California St; contractor, General Display Co, 300 Front St.

ALTER flats, $250; 870 Treat Ave; owner, Jerolin, premises.

SIGN, electric, $200; 363 Valencia; owner, Les Markey, premises; contractor, Neon Mtce Corp, 755 Davis St

Building Permits, $1,000 and Over, Applied For

ALAMEDA COUNTY

WAREHOUSE, 1-story brick
421 MADISON ST, OAKLAND.
Owner—Alice G Lucas, 617 Santa Barbara Road, Berkeley.
Contractor—John J Moore Co, 959 33rd Street.
Engineer—R H Cooley, 959 33rd St. $32,000

ALTERATIONS
471 11th STREET, OAKLAND.
Owner and Builder—Barrett & Hilp, 918 Harrison St, San Francisco.
Architect—Not Given. $10,000

DWELLING, 1-story 6-room
45 PERSHING DRIVE, OAKLAND.
Owner—Alan V Bartlett, 6507 Lucas.
Contractor—H T Caskey, 4215 Carson Street.
Architect—F H Slocombe, 131 Monte Cresta Avenue. $9,000

STORE, 1-STORY
5219-5221 FOOTHILL BLVD, OAKLAND.
Owner—P E Weidner, 430 Newton
Contractor—H T Caskey, 4215 Carson Street
Architect—Not Given. $9,000

WAREHOUSE, 1-STORY
366 40th STREET, OAKLAND.
Owner and Builder—Beckett & Federighi, 1441 Franklin St.
Plans by Jack Y Long, Easton Bldg. $9,000

ADDN and alterations to apts
403-403-A LAGUNITAS Ave, OAKLAND.
Owner and Builder—A L Philbrick, 424 Euclid Ave.
Architect—Not Given. $8,000

DWELLING, 1-story 5-room
7532 ARTHUR ST, OAKLAND.
Owner—F Ferri, 6127 Foothill Blvd.
Contractor—C R Tisher, 6127 Foothill Blvd.
Architect—Not Given. $5,000

ALTERATIONS and Addition
483 30th STREET, OAKLAND.
Owner—E F Schmerl, 20 Greenbank Ave, Piedmont.
Contractor—C M Teigland, 600 University Ave, Berkeley.
Architect—Not Given. $4,500

ALTERATIONS
1104 57th AVENUE, OAKLAND.
Owner—Don Neher Motors, premises.
Contractor—California Bldrs Co, Inc 350 Hobart Street.
Architect—Not Given. $2,000

ADDITION
1200 37th AVENUE, OAKLAND.
Owner and Builder—Phillips & Gonsalves, 2531 E 11th St.
Architect—Not Given. $2,000

ADDITION
800 22nd ST OAKLAND.
Owner—Cean Cleaners, premises.
Contractor—Herrick Iron Wks, 18th and Campbell Streets.
Architect—Not Given. $1,770

WAREHOUSE, 1-story steel
Owner and Builder—Slakey & Hearney, 1514 Cedar St, Berkeley.
Architects—Not Given. $1,500

REPAIR FIRE DAMAGE
819 FILBERT ST, OAKLAND.
Owner—James Small, premises.
Contractor — J R C Taylor, 3220 Louise Street.
Architect—Not Given. $1,000

DWELLING, 1-story 5-room
6622 SOBRANTE RD, OAKLAND.
Owner and Builder—H B Pearson, 5454 Broadway.
Architect—Not Given. $5,250

DWELLING, 1-story 5-room
3829 FOREST HILL Avenue, OAKLAND.
Owner—Melvin Witts, 67 Sunnyside.
Contractor—C A Reinhardt Constr Co, 8525 Bancroft Ave.
Architect—Not Given. $5,000

GARAGE, 1-story concrete
3838 WEST ST, OAKLAND.
Owner—A J Lascurettes, premises.
Contractor — Lewis Constr Co, 516 18th Street.
Architect—Not Given. $4,000

ALTER DWELLING
3328-30 FOOTHILL Blvd, OAKLAND
Owner—Manuel G Frangos, 3038 34th Avenue.
Contractor—J P Owens, 2009 Shattuck Ave, Berkeley.
Architect—Not Given. $4,000

REPAIRS TO THEATRE
433-35 14th ST, OAKLAND.
Owner and Contractor—Capital Co, 1 Powell St, San Francisco.
Architect—Not Given. $3,000

ALTERATIONS
1818 SANTA CLARA AVE, ALAMEDA.
Owner—D Roleri, 2936 Gibbons Dr.
Contractor—F A Stead 1991 Center St, Berkeley.
Architect—Not Given. $2,500

ADDITION and ALTERATIONS
523 SANTA CLARA Ave, ALAMEDA
Owner—L Maguire, 523 Santa Clara.
Contractor — Pioneer Builders, 516 San Pablo Ave, Albany.
Architect—Not Given. $2,300

ALTERATIONS and REPAIRS
535 PACIFIC AVE, ALAMEDA.
Owner and Contractor—C R Thompson 535½ Pacific Ave.
Architect—Not Given. $2,000

REPAIR FIRE DAMAGE
9417-19 E 14th ST, OAKLAND.
Owner—F Carpeneti, 211 Pacific Ave Alameda.
Contractor—P Deluchi & Son, 5443 Claremont Ave.
Architect—Not Given. $2,000

WAREHOUSE, 1-STORY
955 22nd ST, OAKLAND.
Owner and Builder—Van Bokkelen-Cole Co, 439 23rd St.
Architect—Not Given. $1,500

ALTERATIONS
1900 34th AVE, OAKLAND.
Owner—Sisters of Mercy, 1900 34th Avenue.
Contractor—Barrett & Hilp, 918 Harrison St, San Francisco.
Architect—Martin Rist, Phelan Bldg, San Francisco. $1,500

ALTERATIONS
1428 FRANKLIN ST, OAKLAND.
Owner—White & Pollard, premises.
Contractor—J W Gaba, 1416 Cottage St, Alameda.
Architect—Not Given. $1,450

ADDITION
3250 LOUISE ST, OAKLAND.
Owner and Builder—John E Branagh 105 Sheridan Ave, Piedmont.
Architect—Not Given. $1,200

ALTERATIONS
2029 E 22nd ST, OAKLAND.
Owner—A Branti, premises.
Contractor—Fred F Borges, 818 Collins Drive, San Leandro.
Architect—Not Given. $1,000

PERMITS UNDER $1,000

ALAMEDA COUNTY

ALAMEDA

ALTERATIONS, $775; 1526 Court St; owner, John Thomsen, 1526 Court St; builder, Saisbery Bros, 1030 Taylor Ave.

WASH SHED, $500; 528 Santa Clara Ave; owner, L Maguire, 523 Snata Clara Ave; builder, Pioneer Builders, 516 San Pablo Ave, Albany.

GARAGE, $350; 1345 Weber St; owner and builder, W B Simpson, 1345 Weber St.

OAKLAND

GARAGE, $350; 948 86th Ave; owner and builder, Albert Mattucci, prem.

ADDITION, $350; 4101 Porter St; owner and builder, R J Miller, prem.

ADDITION, $320; 1901 103rd Ave; owner and builder, Manuel Victoria, premises.

ELECTRIC SIGN, $250; 6700 E 14th St; owner, Buck Wilkinson, prem; builder, Western Neon Corp, 3001 Chapman St.

ADDITION, $200; 3501 San Pablo; owner, California Hotel, premises; builder, California Construction Co, 3380 Adeline St, Berkeley.

1-STORY SHED, $200; 2006 69th Ave; owner and builder, Leonard C Boitano, 2006 69th Ave.

ELECTRIC SIGN, $200; 9315 E 14th St; owner, Drummond Appliance, premises; builder, Western Neon Corp, 3001 Chapman St.

GARAGE, $150; 7120 Greenley Dr; owner and builder, Axel A Handrows, premises.

MASONITE SIGN, $100; 1033 Broadway; owner, Coca-Cola Bottling Co, 1340 Cypress St; builder, Carl E Davis, 337 11th St.

ADDITION, $100; 1563 Havenscourt Blvd; owner and builder, Roy S Phelps, premises.

MASONITE SIGN, $75; 1033 Broadway; owner, Coca-Cola Bottling Co, 1340 Cypress St; builder, Carl E Davis, 337 11th St.

BILLBOARD, $50; NE corner E 15th St and 64th Ave; owner and builder, Foster & Kleiser Co, 22nd and Market Sts.

BILLBOARD, $25; NE corner Powell and Vallejo Sts; owner and builder, Foster & Kleiser Co, 22nd and Market Sts.

BILLBOARD, $25; S line 12th St 22 ft W Cypress St; owner and builder, Foster & Kleiser Co, 22nd and Market Sts.

BILLBOARD, $25; SW cor 23rd Ave and E 23rd St; owner and builder, Foster & Kleiser, 22nd and Market Sts.

BILLBOARD, $25; NE corner 23rd Ave and E 23rd St; owner and builder, Foster & Kleiser, 22nd and Market Sts.

ALTERATIONS, $950; 1323-35 Broadway; owner, S H Kress Co, prem; builder, Dinwiddie Construction Co, 210 Crocker Bldg, San Francisco.

GARAGE, $800; 6604 Herzog; owner and builder, Tom Vallionotti, prem.

ALTER DWELLINGS (2), $800; 2707-09 12th Ave; owner and builder, M H Fraser, 2114 11th Ave.

WRECK 2-STORY BUILDING, $500; 530-38 17th St; owner, Kahn's Department Store; wrecker, Symon Bros, 2145 E 14th St.

ALTERATIONS, $500; 1727 10th Ave; owner, Geo A Murray, 2630 Monticello Ave; builder, H G Parsons, 916 Foothill Blvd.

ADDITION, $450; 9311 Empire Rd; owner and builder, Pat F Keeney, premises.

ALTER AND ADD, $420; 8802 MacArthur Blvd; owner and builder, Francis J Lynch, 8802 MacArthur Blvd.

WRECK BUILDING, $400; 937 Clay St; owner, Sherwood Swan Co, 10th and Washington Sts; wrecker, Horton & Gilman, 666 9th St.

ALTERATIONS, $400; 944 Broadway; owner and builder, Chris Back, premises.

GARAGE, $300; 3212 Louise St; owner, Nazare N Branca, prem; builder, J R C Taylor, 3220 Louise St.

WRECK BUILDING, $250; 565 10th St; owner, Sherwood Swan Co, 10th and Washington Sts; wrecker, Horton & Gilman, 666 9th St.

WRECK BUILDING, $250; 901 Clay St; owner, Sherwood Swan Co, 10th and Washington Sts; wrecker, Horton & Gilman, 666 9th St.

ALTERATIONS, $200; 3120 Harrison St; owner and builder, Mrs Yvonne Carvalho, premises.

ALTER AND REPAIR, $200; 1703 83rd Ave; owner and builder, Fred L Rex Jr, premises.

REPAIRS, $150; 547 30th St; owner and builder, R L York, premises.

ELECTRIC SIGN, $150; 1935 Webster St; owner, Oakland School of Nursing, prem; builder, Electric Products Corp, 950 30th St.

BARBER POLE, $125; 944 Broadway; owner and builder, Chris Back, premises.

ELECTRIC SIGN, $100; 435 E 18th; owner, Joseph's Cocktail Lounge, prem; builder, General Neon Lite Co, 911A 53rd Ave.

SAN MATEO COUNTY
(Unincorporated)

STORE AND OFFICE, $35,000; Lots 4 and 5, Block 7, Broadway, Millbrae Highlands; owner, Mr Haggerty, Millbrae; builder, A C Lingren, 346 Lowell St, San Francisco.

STORE, $22,000; Lots 6 and 7, Block 7, Broadway, Millbrae Highlands; owner, Walter Bivins, 217 La Cruz Ave, Millbrae; builder, W C Akard, 225 Cervantes Blvd, San Francisco.

RESIDENCE, $20,000; 6.112 acres, Cordilleras Rd, Johnson Subdivision; owner and builder, H C Hastorf, 16th Ave, San Francisco.

STORE, $16,300; Lot 8, Block 8, Broadway, Millbrae Highland No. 1; owners, K Labenberg and L Lando, 730 12th Ave, San Francisco; builder, R H Kimball, 1400 17th Ave, San Francisco.

RESIDENCE, $12,000; Lots 201 to 204, Block 13, Sylvan Way, Coombsville; owner and builder, M L Jonsson, Box 721, Route 1, Redwood City.

RESIDENCE, $11,000; Lot 9, Block 5, Dexter Ave, Dumbarton Park; owner and builder, R B Bagley, 190 Berkshire, Redwood City.

RESIDENCE, $10,000; 3 acres, Garfield Village, Redwood City; owner, Otto Broberg, 40 Woodrow Ave, Redwood City; builder, H H Weiner, 731 El Camino Real, Redwood City.

RESIDENCE, $9000; 13 acres, private road, Horagan Ranch, Redwood City; owner, Edward Mee, San Mateo; builder, J Dunlap, 105 Woodsworth, Redwood City.

RESIDENCE, $8000; Lots 1 and 2, Block 404, Vernal Way, Highlands of Emerald Lake; owner, H E Singer, 2043 14th Ave, San Francisco; builder, J J Binet, Vernal Way, Redwood City.

RESIDENCE, $7500; Lots 39A and 40B, Block 14, Laurel Ave, Menalto Park; owner and builder, T & G Sattler, 1727 W Euclid Ave, Stockton.

WAREHOUSE, $7000; Sly 50 ft of Lots 33 and 34, 4, 5, 6, Old County Rd, Town of Beresford; owners and builders, Mr and Mrs C Walker, Box 44, San Mateo.

RESTAURANT, $7000; Coast Highway No 1, Princeton; owner, Dominic Ortisi, Princeton; builder, Cunningham Construction Co, 575 10th St, San Francisco.

RESIDENCE, $6500; N ptn of Lot 51, O'Connor St, 4th Addition to Runnymede; owner, J E Morrish, Redwood City; builder, Peninsula Bldg Co, 91 Urlburn Ave, San Francisco.

RESIDENCE, $6000; W ptn of Lot 51, O'Connor St, 4th Addition to Runnymede; owner, J E Morrish; builder, Peninsula Building Co.

RESIDENCES (30), $6000 each; Lot 11, Lot 12, Lot 17, Lot 170, Lot 169, Lot 168, Lot 167, Lot 166, Lot 165, Lot 164, Lot 163, Lot 12, Lot 89, Lot 88, Lot 18, Lot 19, Lot 20, Lot 21, Lot 22, Lot 23, Lot 24, Lot 25, Lot 26, Lot 27, Lot 28, Lot 29, Lot 30, Lot 31, Lot 32, Lot 33, Sweet wood Dr; owner and builder, Stonecrest Corp, 1 Sloat Blvd, San Francisco.

BARN AND MILK HOUSE, $6000; Bay Rd, Menlo Park; owner and builder, Edward Mello, 1960 Clarke Ave, East Palo Alto.

RESIDENCE, $5000; Lots 43 to 45, Block 50, 1st Ave, North Fair Oaks No 2; owner and builder, W D Smith, 2953 Middlefield Rd, Redwood City.

RESIDENCE, $5000; ptn of Lot 1, Block 18, Dumbarton Ave, Palo Alto Park; owner, A L Hennington, c/o of contractor; builder, Lindley Construction Co, 202 Felton Dr, Menlo Park.

RESIDENCES (5), $5000 each; Lots 4 and 5, Block 15, Spruce St; Lots 12 and 13, Block 15, Spruce St; Lots 14 and 15, Block 15, Spruce St; ptn of Lots 15 and 16, Block 10, Filbert St; ptn of Lots 17 and 16, Block 14, Magnolia St, Arletta Park, Half Moon Bay; owner and builder, J F Sousa Co, Half Moon Bay.

RESIDENCE, $4500; Lot 4, Block 8, Oakley Ave, University Heights; owner and builder, Roy F Smee.

RESIDENCE, $4000; Lot A, Block 10, Lakeview Way, Fairways of Emerald Lake; owner and builder, F Berggren, 422 Lakeview Way, Redwood City.

RESIDENCE, $4000; Lot 3, Block 1, Santa Ana Ave, El Granada; owner, R & D Dean, Lodi, Calif.; builder, A H Oppen, P O Box 24, Half Moon Bay.

GARAGE, $3600; Lots 33 to 35, Block 38, Marsh Rd, North Fair Oaks; owner and builder, Russell Graham, 804 Page St, Redwood City.

RESIDENCE, $3000; Lot 30, Block 1, Scenic Dr, Cuesta La Honda; owner and builder, A R Schauer, 518 Walnut Ave, South San Francisco.

STORAGE AND GARAGE, $3000; 13 acres, private road, Horagan Ranch, Redwood City; owner, Edward Mee, San Mateo; builder, J Dunlap, 105 Woodsworth, Redwood City.

ADD TO AUTO REPAIR SHOP, $1500; ptn of 11.32 acres, Lot 76, El Camino Real, Menlo Park; owner and builder, A M Van Epern, 602 El Camino Real, Redwood City.

ADD TO SHED AND AVIARY, $1500; 281 O'Connor St, 4th Addition to Runnymede; owner and builder, E E Beal, 281 O'Connor St, Palo Alto.

RESIDENCE, $600; Lot 10, Block 306, Vernal Way, Highlands of Emerald Lake; owner and builder, J J Binet, 745 Vernal Way, Redwood City.

BARBECUE SHELTER, $500; Lots 82 and 83, Block 15, Winding Way, Devonshire; owner and builder, Miss F L Bookhout, Winding Way, Redwood City.

ADD TO RESIDENCE, $500; Lot 15, Block 15, Mendocino Ave, Visitacion; owner and builder, Walt Guil, 385 Mendocino, Brisbane.

FENCE, $500; Lots 17 to 21, Block 26, Middlefield Rd, Dumbarton Tract; owner and builder, Buckeley's Garage, Middlefield Rd, Redwood City.

STOREROOM, $500; Lot 8, Block 56, 3rd Ave, Belle Haven Tract No 2; owner and builder, Daniel Gagliani, 730 3rd Ave, Redwood City.

STOREROOM, $400; Lots 59 and 60, Block 11, Nimitz Ave, Oakleigh Park; owner and builder, C Leeotis, Nimitz Ave, Redwood City.

GARAGE, $400; Lot 5, Block 203, Oakdale Ave, Fairways of Emerald Lake; owner and builder, Thomas S Campion, 210 Oakdale Way, Redwood City.

FRESNO

REMODEL CAFE TO HAT SHOP, $6500; 2036 Tulare; owner, L F Pennington; builder, Taylor & Wheeler, 245 Clinton.

DWELLINGS AND GARAGES, $6000 each; 713 W Vasser; owner and builder, Geo E Raymond.

GARAGE, $45,000; 703 Van Ness; owner, Mrs Abbie Parker; builder, J T Cowan, Brix Bldg.

DWELLING AND GARAGE, $5000; 3562 Grant; owner and builder, G E Mason.

DWELLING, $3000; 3307 Nevada; owner and builder, S C Riley.

ADD TO DWELLING, $750; 4114 Mono; owner, S S Jermagian; builder, Stanley W Fugman.

STORAGE BUILDING, $500; 6 San Joaquin; owner and builder, Sam Popovich, W California.

POSTER PANELS (2), $120; Cherry and Lorena; owner and builder, Foster & Kleiser, 1816 Van Ness.

GARAGE, $100; 1728 Thomas; owner and builder, Felix Spno, 1821 S Van Ness.

PALO ALTO

1-STORY RESIDENCE AND GARAGE, $11,500; 329 Dana Ave; owner and builder, O R Ogren, 2365 Emerson St.

1-STORY RESIDENCE AND GARAGE, $8900; 2695 Waverley St; owner and builder, Krysiak & Moller, 332 Channing Ave.

ALTER RESIDENCE, $6000; 156 Edgewood Dr; owners, Peter J and K F Hempie, premises; builder, Aro & Okerman, Box 433, Palo Alto.

ADD TO RESIDENCE, $1000; 2112 Webster St; owner, D V Hutton; plans by C R McKendry, San Mateo

GARAGE, $750; 1047 Fife Ave; owners and builders, Harry and Hattie Hicks.

GARAGE, $500; 485 Marion Ave; owner, Gertrude Mann, premises; builder, Gus Wollnick, 628 Waverley St.

ALTER BUILDING, $250; 443 Emerson St; owners, L E and Mary Nathensen, 350 Sequoia Ave; builder, T C Fibbs, 872 Runnymede Ave.

ALTER GARAGE, $250; 628 Cowper St; owners and builders, John and Jessie B Madsen, premises.

PARTITIONS IN POLICE DEPARTMENT, $100; 450 Bryant St; owner, City of Palo Alto; builder, Aro & Okerman, Box 433, Palo Alto.

SAN MATEO

STORE, $16,000; 2220-24 S El Camino Real; owner, Russell Varsi; contractor, Pacific Consolidated Construction Co.

DUPLEX, $13,000; 2901-2905 Flores; owner, Thos T Evans, 195 E Bellevue Ave; contractor, R E Broderick, 130 12th Ave.

STORE and apt, $11,000; 168-70 South Blvd; owner and contractor, H J Hardy.

DWELLING $7500; 511 Sylvan; owner and builder, J W Kristjanson, 1738 Gum.

ALTER dwelling, $1800; 2719 Mabel; owner, J M Coppin; contractor, Finloff Bros, 932 Fifth Ave.

ALTER dwelling, $250; 169 Briar; owner, M Knight; contractor, G E Chamberlain, 2852 Hacienda St.

REPAIR dwelling, $150; 423 Midway; owner, Berger Benson, 412 Midway; contractor, T Carl Dybdil.

FRESNO

DWELLING and garage, $6900; 838 S 5th St; owner, Fred Harvey, 3424 Montecito; contractor, H P Nelson, 322 S 5th St.

ADDN to store, $150; 174 Blackstone; owner and contractor, G B Gard.

BURLINGAME

ADD two apts to bldg, $5000; 241 Highland; owner and builder, W H Sills, 243 Highland Ave.

Building Permits, $500.00 and Over, Issued by the Board of Public Works

SAN FRANCISCO COUNTY

JANUARY 8, 1946

W side 14th Ave 55 S Geary. 2-story frame building. Cost, $11,500. Owner, Edmund DeMartini.

NW corner Van Ness and Pacific Aves. Alte rapartment house. Cost, $10,000. Owner, Max Weiman.

631 O'Farrell St. Alter hotel. Cost, $7000. Owner, Pacific States Savings & Loan Co.

240 Hazelwood Ave. Alter dwelling. Cost, $1000. Owner, Geo Doulon.

3315 Octavia St. Alter apartment house. Cost, $2500. Owner, Hector La Voie.

763 DeHaro St. Alter building. Cost, $5000. Owner, Elizabeth Hanna.

E 15th Ave 92, 134, 175 S Ortega Way. 1-story frame dwellings (3). Cost, $7000 each. Owner, Henry Doelger, Builder.

358 Ocean Ave. Alter tavern. Cost, $1000. Owner, Fred Giocondi.

SE cor 15th Ave and Mandalay Lane; E 15th Ave 49, 88, 127, 166, 205, 244, 283, 322, 361, 400 Mandalay Lane; NE cor 15th Ave and Fanning Way. 1-story frame dwellings (12). Cost, $6500 each. Owner, Henry Doelger, Builder, Inc.

932 Fillmore St. Alter restaurant. Cost, $600. Owner, Uptown Lounge.

1950 Gough St. Alter dwelling. Cost, $500. Owner, Mav Weiman.

S Lombard 131 E Laguna. 1-story frame building. Cost, $2500. Owner, Moresi & DeLucchi.

2423 Polk St. Alter store and flats. Cost, $1800. Owner, Jules Suppo.

BUILDING CONTRACTS

ALAMEDA COUNTY

ADDITION AND ALTERATIONS
SW COR SOLANO and Ventura Aves Albany. Construction of 1-story and basement of ultimate 4-story and basement addition at side and rear of existing building and alterations to existing building.
Owner—Pacific Tel & Tel, Montgomery St, San Francisco.
Architect—Not Given.
Contractor—Elmer J. Freethy, 1432 Kearney St, El Cerrito.
Filed Jan. 9, 1946. Dated, .
Monthly payments of..........75%
40 days after completion..........25%
TOTAL COST, $131,608.00
Bond, $131,608. Sureties, Massachusetts Bonding & Insurance Co. Limit 120 working days. Plans and specifications filed.

Completion Notices

SAN FRANCISCO COUNTY

Recorded Accepted
Recorded Accepted
Jan 9, 1946—NW GEARY Street and Franklin St, church unit No 1. Hamilton Square Baptist Ch to C F Parker..........January 8, 1946

Release of Liens

SAN FRANCISCO COUNTY

Recorded Amount
Dec 17, 1945—NE GIRARD 280 SE Ward SE 57.313 to left NE 96.239 NW 71.066 to left SW 104.431, ptn Paul Residential Tract Herman Ohlgren, Arvid Krantz and Axel Isackson as Westwood Hardwood Floor Co to Arthur and Mary Manos ....

Non-Responsibility

ALAMEDA COUNTY

Jan 8, 1946—PTN BLK 80/10, Plat Rancho, San Leandro, Eden Twp. Thomas P Silva as to improvements on property.

SAN FRANCISCO COUNTY

Jan 8, 1946—1507 POLK ST. W F Cordes and Eva L Kepner as to improvements on property.

Electrical Permits

SAN FRANCISCO COUNTY

7366-71 Various locations owner and contractor, West Coast Adv Co; signs.

7372 155 Townsend; owner, U S Govt; contractor, Noble S Wright Co; 3 outlets; 1 switch; service.

7373 1239 9th Ave; owner, Nadalini; contractor, Columbia Elec Co; motors.

7374 2738 Mission; owner, ...; contractor, H C Wilson; 7 outlets; 4 switches; 4 plugs.

7375 125 Walnut St; owner, W Mason; contractor, Malm & Welter; 2 outlets; 2 plugs; service; motors.

7376 2286 46th Ave; owner, McArthur Bldg Co; contractor, Adams Elec; ....

7377 E 32nd Ave 375 S Pacheco; owner, Lindsay; contractor, Adams Elec; ....

7378 Oakdale-Selby; owner, Lindsay; contractor, Adams Elec; ....

7379 2258 Market; owner, Purta; contractor, Chas A Langlais Co; 22 outlets; 12 switches; 17 plugs; serv.

7380 W 38th Ave 50 S Santiago; owner, Daly; contractor, Arc Elec Corp; ....

7381 SE Crescent and Arnold; Berwick; contractor, Arc Elec Corp; ....

7382 39 Wabash Ave; owner, Jas Britt; contractor, Arc Elec Corp; .....

7383 1 Montgomery St; owner and contractor, Crocker 1st Natl Bank; 7 outlets; 2 switches.

7384 2480 3rd St; owner, Frank E Bertsch; contractor, Kuchel and Sievers Elec Works; 12 outlets; 1 plug; service; motors.

7385 940 Marrison; owner, Universal Rubber Co; contractor, Kuchel & Sievers Elec Works; motors.

7386 165 Mississippi; owner, T H Price; contractor, Penmar Electric; 7 outlets; 6 switches; 6 plugs; serv.

7387 730 Jackson St; owner, Joe Shoong School; contractor, Penmar Elec Co; ....

7388 1304 Vallejo; owner, Perry; contractor, Pacific Elec & Mech Co; 69 outlets; 2 switches; 8 plugs.

7389 5027 California Street; owner, Seattle Cleaners; contractor, Pacific Elec Constr Co; 6 outlets; 4 plugs.

7390 166 Embarcadero; owner, Y M C A; contractor, California Elec Constr Co; 352 plugs.

7391 4508 Irving; owner, ...; contractor, Edison Elec Constr Co; ....

7392 4019 Judah St; owner, Dandrea; contractor, Edison Elec Constr Co; 8 outlets; 4 switches; 7 plugs; service; motors.

7393 1039 Valencia; owner, Golden Gate Glue; contractor, Strom and Smith; motors.

7994 E Parker 90 N Golden Gate; owner, Rousseau; contractor, Strom & Smith; ....

7395 1220 Howard St; owner, Fotenas Bros; contractor, Quality El; 4 outlets; 1 plug; service.

7396 12 Liebig St; owner, ... ; contractor, Golden Gate Elec; 1 outlet.

7397 Fifth Ave and Geary; owner, French Hospital; contractor, Crown Elec Co; 4 outlets; 3 switches.

7398 1978 47th Ave; owner, Behning; contractor, Crown Elec; ....

7399 2728 Union St; owner, Scott; contractor, Crown Elec; 7 plugs.

7400 680 Mission; owner, ... ; contractor, Crown Elec; ....

7401 1128 Howard; owner, Squire; contractor, Crown Elec Co; motors.

7402 Post and Stockton; owner, Union Square Garage; contractor, W B Baker & Co; ....

7403 1000 Fillmore; owner, Max Drug Co; contractor, W B Baker & Co; ....

7404 855 McAllister St; owner, F Buchwald Co; contractor, W B Baker & Co; service; motors.

7405 836 Ellis St; owner, Monroe; contractor, Byington Elec; motors.

7406 1378 Turk St; owner, Person's Restaurant; contractor, Byington Elec; 4 plugs.

7407 100 Georgia; owner, Leo J Meyberg; contractor, Byington Elec; 24 outlets; 6 plugs; alterations.

7408 1520 Market St; owner, ...; contractor, Foster & Kleiser; 4 outlets; 2 switches; 2 plugs.

7409 48 Gordon St; owner, Manning & Whitaker; contractor, same; 13 outlets; 4 switches; 2 plugs; service; motors.

7410 8th and Irwin Sts; owner, Standard Oil Co; contractor, Assoc Elec & Mech Co; 21 outlets; 3 plugs; 5 switches; service; motors.

7411 730 Mission St; owner, McPherson Leather Co; contractor, Independent Elevator Co; motors.

7412 70 10th St; owner, Leo J Meyberg Co; contractor, Independent Elevator Co; motors.

7413 655 La Playa; owner and contractor, Whitney Bros; ....

7414 225 Gough St; owner, Bradley; contractor, M Schimetschek; ....

7415-18 Various locations and owners; contractor, Brumfield Electric Sign Co; signs.

7419 1444 Green; owner, Daniels; contractor Pacific Elec & Mech Co, Inc; 1 outlet; motors.

7420 935 Market St; owner, Dr Spaulding; contractor, Victor Lemoge; 7 plugs.

7421 340 Bryant St; owner, ...; contractor, Paterson Pacific Paper Co; 3 outlets; motors.

7422 W 29th Ave 100 S Pacheco; owner, Marvel Bldrs; contractor, B J Doherty; ....

7423 932 Fillmore St; owner, B Eichenbaum; contractor, Neon Sales & Service Co; sign.

7424 439 Jones St; owner, ...; contractor, Golden Gate Elec; ....

7425 W 20th Ave 50 N Rivera St; owner, N W Anderson; contractor, Adams Elec; ....

OAKLAND

34596 1310 Madison; owner, Jensen; contractor, California Elec Co; 64 outlets; 64 fixtures.

34597 W Piedmont Ave 100 S MacArthur; owner, Andrew Williams; contractor California Electric Co; service.

34598 476 24th St; owner McCaul; contractor Crescent Elec Co; service.

34599 Foot of 5th Ave; owner, California Garden Show; contractor, Scott-Buttner Elec Co; service.

34600 170 10th St; owner, Wright; contractor, Scott-Buttner Elec Co; 2 fixtures; 2 plugs.

34601 1440 San Pablo; owner, National Shirt Shop; contractor, Scott-Buttner Elec Co; 1 fixture.

34602 2415 Carmel St; owner, Norriss; contractor, Scott-Buttner Elec Co; range.

34603 W Broadway bet Hobart and 20th; owner, Block; contractor, Scott-Buttner Elec Co; sign.

34604 1083 56th St; owner, Icarta; contractor, T L Rosenberg Co; alterations.

34605 2560 Broadway; owner, Weaver Paps; contractor, T L Rosenberg Co; outlets; switches; plugs.

34606 2126 E 14th St; owner Jordan Press; contractor, Shea Electric Co; 2 fixtures; alterations.

34607 3723 Telegraph; owner, Art Cleaners; contractor, Shea Electric Co; 2 switches; 2 fixtures.

34608 3819 San Leandro Blvd; owner, Ross; contractor, Melrose Elec Shop; 2 switches; 4 fixtures.

34609 5625 Scoville; owner, Adams; contractor, Melrose Electric Shop; 13 fixtures.

34610 9871 Thermal; owner, Watkins; contractor, Special Owner; 3 outlets; 3 fixtures.

34611 835 Lydia; owner, Poplar Cleaners; contractor, T Bushman; 2 outlets; 2 fixtures.

34612 113 Broadway; owner, Andrewsen; contractor, Fred Schmits; 2 outlets; 2 switches; 2 fixtures; 1 plug.

34613 3907 Broadway (rear); owner, Lundall; contractor, Marelco, Inc; 21 outlets; 16 switches; 21 fixtures; 20 plugs.

34614 1916 Oak Crest; owner, Farringer; contractor, James Anderson; saw service.

34615 1415 15th St; owner, Pass; contractor, Pine Electric Service; 2 outlets; 2 switches.

34616 983 High St; owner, Whalen; contractor, Collins Electric Co; outlets; switches; fixtures; plugs; motors; alterations.

34617 2126 E 14th St; owner, Larsen; contractor, Shea Electric; motors; alterations.

34618 2265 38th Ave; owner, Doe; contractor, Shea Electric; 8 fixtures.

34619 SW side Grove and 54th Sts; owner, Grove; contractor, Shea Electric; 4 fixtures.

34620 3817 Market; owner, Nevada Poultry Co; contractor, Shea Electric; 1 fixture.

34621 200 23rd St; owner, Duck-In Grocery; contractor, Shea Electric; 2 fixtures.

34622 593 15th St; owner, Doe; contractor Shea Electric; 3 fixtures.

34623 3901 Broadway; owner, Klein Motor Co; contractor, California Electric Co; 3 outlets; 3 fixtures; 2 plugs.

34624 359 49th St; owner, Angeli; contractor, Paramount Electric Co; 2 outlets.

34625 1050 Norwood; owner, Rust; contractor, Paramount Electric Co; 13 outlets; 13 switches; 13 fixtures; 10 plugs.

34626 3848 Telegraph Ave; owner, Two Senators; contractor, Paramount Electric Co; alterations.

34627 582 Athol Ave; owner, Johnson; contractor, Paramount Electric Co; outlets; switches; fixtures; plugs.

34628 5455 Lawton; owner, Burritt; contractor, Paramount Electric Co; fixtures; alterations.

34629 2006 E 15th St; owner, Johnson; contractor, Paramount Electric; outlets; switches; fixtures; plugs.

34630 2304 E 14th St; owner, Collins; contractor, Paramount Electric; fixtures; alterations.

34631 5925-5937 MacArthur Blvd; owner, Moore; contractor, California Electric Co; 28 outlets; 8 switches; 28 fixtures; 5 plugs.

34632 463 11th St; owner, Barrett & Hilp; contractor, Associated Electric & Mech; alterations.

34633 19th and Franklin Sts; owner, Barrett & Hilp; contractor, Associated Electric & Mech; alterations.

34634 440 Grand Ave; owner, Barrett & Hilp; contractor, Associated Electric & Mech; outlets.

34635 103rd and E 14th St; owner, Nicholson; contractor, Del Monte Electric; service.

34636 27 Glen Ave; owner, Boon & Spott; contractor, Spott Electrical; outlets; plugs.

34637 477 15th St; owner, Kahan; contractor, Spott Electrical; outlets; alterations.

34638 NW 16th and Jefferson Sts; owner, Pacific Bldg; contractor, Spott Electrical; outlets; alterations.

34639 1500 Broadway; owner, Anglo Bank; contractor, Spott Electrical Co; 4 plugs.

34640 2935 Telegraph; owner, Leiter & Son; contractor, Spott Electrical; 7 outlets; 6 switches.

34641 8900 Edes Ave; owner and contractor General Metals Corp; outlets; switches; fixtures; plugs.

34642 1025-1027 Center St; owner, Rose; contractor, Matson Electrical Equipment; fire repairs.

34643 508 17th St; owner, Teigland; contractor, Paramount Electric Co; fixtures.

34644 4912 Lawton Ave; owner, Giuliu; contractor, Paramount Electric; fixtures; alterations.

34645 5247 College Ave; owner, Key Cafe; contractor, Paramount Electric Co; fixtures; alterations.

34646 2850 McKillop Rd; owner, Bohn; contractor Scott-Buttner Electric; service

34647 4130 Coolidge Ave; owner, Lapham; contractor, Scott-Buttner Electric; outlets; switches; fixtures; plugs.

34648 4326 E 14th St; owner, Better Truck Rental; contractor, Scott-Buttner Electric; service.

34649 6006 E 14th St; owner, Standard Stations; contractor, Scott-Buttner Electric; sign.

34650 3435 Broadway; owner, Garage; contractor, Scott-Buttner Electric; outlets; fixtures; alterations.

34651 870 Mead Ave; owner, Vallejo; contractor, Scott-Buttner Electric; outlets; fixtures; service.

34652 9636 Walnut; owner, Rheinhart; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

34653 1421 46th Ave; owner, Rules Food Products; contractor, James Anderson; motors.

34654 405 12th St; owner, Walt's Place; contractor, Joseph Taloff; 1 fixture.

34655 3124 E 14th St; owner, Professional Bldg; contractor, Joseph Taloff; 30 fixtures.

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PLANS and Speculations

Construction projects totaling $5-111,380 for San Jose State College and $2,619,100 for Agnews State Hospital are listed among $154,000,000 worth of recommended State Agency building jobs submitted by State Director of Finance James S. Dean, to Governor Earl Warren.

oOo

The SUTTER COUNTY Board of Supervisors promised speedy action to install a new heating system in the county jail. The sheriff has suggested that the new system might incorporate an air cooling plant for use during the summer. . . all the comforts of home?

oOo

T. L. Quigley, chairman of the BUTTE COUNTY Farm Bureau's drainage committee, states that Congress has authorized the Army Engineers to make further study of Butte Creek drainage with a view of clearing out the channel from a point west of Nelson south to connect with the north end of Sutter Bypass near West Butte. Congress, according to Quigley, also has authorized the Army Engineers to proceed with repair and rebuilding of a tailings dam on Cherokee Canal north of the Oroville-Chico Road.

oOo

Construction of the proposed $26,000,000 Table Mountain Dam on the Sacramento River might destroy salmon valued at $520,000 annually, government fishery experts predicted.

oOo

A large U. S. Marine Corps base comparable to the huge establishment in San Diego, will be constructed soon on acreage owned by the Navy at TANFORAN in SAN BRUNO. High ranking Marine officers have been at the San Bruno base making a survey of buildings on 46 acres owned by the Navy.

oOo

Walter D. Skinner, Jr., president of the YOLO County Chamber of Commerce, recently announced the next meeting of his group will be devoted to formation of a strong organization to oppose the suggested high-level dam on Putah Creek. The Yoloans announce they are in favor of building a low, flood control dam on Putah Creek, as advocated by Army engineers, but they are opposed to the U. S. Reclamation Bureau's plan to build a high dam at Monticello and divert waters of Putah to Solano County cities for commercial and domestic purposes.

Another Immense Building Program Planned for Columbia Basin Project

COULEE DAM, WASH., Thursday, Jan. 10, 1946.—Work on 12 major structures in the Columbia Basin Project of south - central Washington probably will be authorized by the Bureau of Reclamation during the first six months of 1946, Supervising Engineer Frank A. Banks announced today. He said they will result in employment of "several thousand men" and ultimately will cost more than $100,000.000.

In revealing the schedule tentatively adopted for launching the biggest construction job ever contemplated in the Pacific Northwest, Banks explained that the building of the irrigation system for serving 17,000 new farms in an arid and semi-arid region will extend over a period of several years. He added that 1946 "will only be the beginning."

The proposed program for the coming six months, made possible by a recent $10,500,000 supplemental appropriation by Congress, calls for the start of three dams, three principal canals, three siphons, one tunnel, and two pumping plants.

Of the total supplemental money available in the first half of this year, about $8,000,000 will be for the irrigation features and $2,000,000 for inaugurating a land-purchase program. Excess land will be acquired by the Government, divided into family-size farm units, and resold (prior to the time water becomes available) to the first of the many thousands of settlers who will establish homes in the Basin.

In describing the immensity of the building program, Banks said that by midsummer construction probably will be under way "at several points from Grand Coulee southward to Pasco, 150 miles away."

Because no project approaching the Columbia Basin development has been undertaken in the Pacific Northwest, Banks explained that the amount of earth and rock to be handled—125,000,000 tons—will weigh six times more than Grand Coulee Dam, largest man-made concrete structure in the world and kingpin for the irrigation system. During the construction period, he asserted, the project will provide 240,000,000 man-hours of on-site and off-site employment. Of this total, more than 125,000,000 man-hours will be in direct employment in the Basin and 115,000,000 man-hours will be spread throughout the United States as industries manufacture the tremendous quantities of steel, cement, machinery, explosives, and other materials necessary for completing the irrigation structures.

"Two Grand Coulee Dams could be built with the man-hours of on-site work to be provided by the construction program," Banks commented. "Beneficial effects of the construction job will be felt in every State of the Union."

The supervising engineer has reported to Reclamation Commissioner Michael W. Straus that the 1946 construction timetable will be influenced by several factors, chiefly the availability of machinery, materials, and workers. Banks said the Bureau hopes to have portions of the permanent irrigation system ready to serve acreage in all three districts of the Basin by 1950 or 1951. Prior to that, however, the Bureau estimates it will begin providing water for about 6,000 acres in the Pasco region in 1947 by pumping from the Columbia River. The pumping plant will be about 14 miles northwest of Pasco.

As outlined by Banks, the Bureau's tentative schedule during the coming six months calls for initial work on the following structures:

Grand Coulee Dam Pumping Plant: Considerable work is contemplated in prepairing the rock wall at the pumping plant site immediately above Grand Coulee Dam, near the west aboutment. Placing of some concrete also is planned. The pumping plant, to be built by Government forces, will house the world's largest pumps to serve the irrigation network. Installation of the first pump is planned to start in November, 1948, with others to follow at 60-day intervals. These pumps will force water from Lake Roosevelt (formerly the Columbia River Reservoir) into the Grand Coulee, where two earth-and-rock dams, 27 miles apart, will impound the water.

Feeder Canal: This immense, concrete - lined channel will lead from the pumping plant outlet to the North Dam in the Grand Coulee and will be capable of handling 120,000 gallons of water (1,000,000 pounds) each second. Because much of the work will be seasonal, the job will be completed by Government forces.

South Dam: This dam, an earth-and-rock structure, will extend across the Grand Coulee in the vicinity of Coulee City and will impound water in the Grand Coulee Equalizing Reservoir for the irrigation system. It will be about 10,000 feet long, have a maximum height of 60 feet, and is to contain approximately 1,400,000 cubic yards of material.

Long Lake Dam: This dam, located about 12 miles south of Coulee City, will save several miles of costly canal construction by permitting use of an abandoned channel of the Columbia River. It will be about 1,650 feet long, have a maximum height of 100 feet, and require about 1,000,000 cubic yards of earth and rock.

Main Canal: Far larger than most rivers, this canal will be approximately 25 miles long. It will begin at the South Dam, near Coulee City, and carry water to a point about two miles north of Adrian, Grant County, where it will separate into the West Canal and the East Low Canal. Parts of this canal will be capable of carrying 13,200 cubic feet of water per second, greater than the combined average flows of the Methow, Chelan, Entiat, Wenatchee and Yakima Rivers of Eastern Washington.

Potholes Dam: Nearly 3 miles long, this dam will be near the central portion of the project and is intended to capture seepage and return flow from irrigated lands tributary to it. The Potholes Dam will require about 11,000,000 cubic yards of earth and rock and will have a maximum height of 110 ft.

West Canal: Branching from the main canal near Adrian, the West Canal will be 88 miles long and carry water sufficient for 280,000 acres in the westerly portion of the project. It could handle the combined average flows of the Entiat and Yakima Rivers of Washington.

East Low Canal: Longest in the irrigation system, this canal will weave its way through the eastern portion of the project for 130 miles and will be capable of serving 252,000 acres.

Pasco Pumping Plant: This pumping plant will be the first to be completed. It will lift water about 177 feet from the Columbia and will be capable of serving about 6,000 acres northwest of Pasco.

Pasco Laterals: A complete system of laterals will be built to serve the 6,000 acres supplied by the Pasco Pumping Plant. About 100 farms will receive water thru this system of small canals.

PLASTERERS' ASSN. ELECTS OFFICERS

The Master Plasterers Association elected the following new officers for 1946: Frank D. Smith, President; A. W. Cordes, Vice-President, and Otis Lee, Secretary-Treasurer.

G. H. Martinelli, retiring president, who held the office since 1939, was presented with a lifetime, solid gold pen and pencil set by the new president.

GROOVER AND I

GENERALS

There was some confusion caused **by a recent** column critical of the enthusiasm shown in demobilization by the General commanding the Air Transport Command.

★ ★ ★

The reference was to Lieutenant General Harold L. George who announced the bright news of rapidly demobilizing this still urgently needed arm of the services.

★ ★ ★

General "Jimmy" Doolittle (a Pacific Coast boy who made good) commanding the A.A.F., offered to return our foreign - stationed armies by air. He was given a quick frown by "high brass".

★ ★ ★

This isn't the first time our top military command has been looking at a thermometer instead of a clock or reading a calendar of the wrong year.

★ ★ ★

There was a boy born in Nice, France, who got a job as a Private in our Army during the Spanish-American War—and did fairly well for himself.

★ ★ ★

During the first American Legion encampment, better known as World War I, **William Lendrum Mitchell** was Chief of the Air Services in the Argonne.

★ ★ ★

Mitchell had wooden - and - cloth kites held together by wire and powered by OX-5 engines. These planes would easily make 100 miles per hour—if there was a good tail wind.

★ ★ ★

Our European allies thought well of Mitchell. He was awarded six major foreign decorations, including the Croix de Guerre with five palms, and Commander Legion of Honor by France.

★ ★ ★

In 1926 "Billy" Mitchell was court-martialed and suspended because he talked back to the brass-shirts and stuffed-hats of the War Department. **He insisted the airplane was here to stay!** He also suggested that planes could be launched from, and land on, the deck of battleships.

★ ★ ★

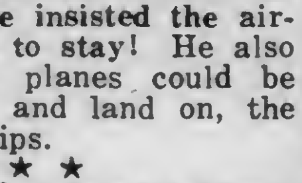
When suspended, he said tohellwithit and resigned Feb. 1, 1926. Army broke his rank, but not his spirit. He died Feb. 19, 1936.

★ ★ ★

Recently, Washington salved its conscience by posthumously awarding Mitchell a decoration and promoting him to the rank of Major General.

★ ★ ★

What does Billy Mitchell now care about General's stars? He is up walking around among real stars!



—V—

A new plastic claimed to remove almost any surface mars, greases, stains, etc., from the wall should prove to be a real boon to the housewife whose children have received a box of crayons for Christmas.

G. E. McGAVRAN
Managing Editor

The appointment of G. E. McGavran as Managing Editor of the Daily Pacific Builder has been announced by Carl Bennett, Regional Vice-President of F. W. Dodge Corporation, owners of the "Builder".

Mr. McGavran, formerly a local construction man, has just returned to civilian life after 28 months of service with the United States Navy, during which time he spent 16 months in the Pacific theatre of operations.

"This appointment," stated Bennett, "is for the specific purpose of having a staff man who is familiar with the construction industry and one who speaks the language of the contractor. It is another step forward in our postwar program, involving a vast expansion in the field of construction news coverage."

The F. W. Dodge Corporation is one of the larger publishing houses in the country and publish, in addition to the "Builder", the Denver Daily Journal, Architectural Record, Real Estate Record and Builders' Guide, Sweet's Files, Home Owners' Catalog, Dodge Reports, Dodge Statistical Research Service, and a number of other industrial service reports throughout the United States.

—V—

PAINTING A RADIATOR?

Be sure that the last coat of paint that you apply is the non-metallic kind, says the Plumbing and Heating Industries Bureau, in calling attention to the fact that a radiator finished with metallic paint will emit less heat than a similar one finished with non-metallic paint. It's only the last coat of paint, however, that makes any difference. The first coat may be metallic so long as the final coat is non-metallic.

COL. J. H. VEAL APPOINTED TO U.S.E.D. POST

Colonel George Mayo, CE, San Francisco District Engineer, USED announces the appointment of Col. Jesse H. Veal, CE, to the post of Chief, Engineering Division of the San Francisco District Office, replacing H. S. Pond who is retiring after more than 30 years with the Engineers in San Francisco.

During the early stages of defense construction in 1939, Colonel Veal was Constructing Quartermaster at Fort Mason, and in December 1941, when all military construction was transferred to the jurisdiction of the Corps of Engineers, the Colonel was assigned to the San Francisco Engineer District and placed in charge of local construction. After leaving this installation in December 1942, Colonel Veal assumed the duties of District Engineer at Cincinnati, Ohio, and subsequently at Louisville, Kentucky. Just prior to his return assignment in San Francisco he held the post of Executive Officer of the North Atlantic Division Office.

—V—

Stainproof Wall Covering Will Be Introduced

A revolutionary stain proof wall covering, to be known as Varlon, will be introduced some time in July, 1946. The new product will be marketed by Varlon, Inc., a division of United Wallpaper, Inc., world's largest wallpaper manufacturers and originators of Unitized wallpaper and Trimz Ready-Pasted wallpaper, it was announced by William H. Yates, United president.

The result of nine years laboratory research and development, the new stainproof wall covering will permit the removal of almost any type of dirt, grease or stain by the simple application of soap and water. The product has been undergoing field tests for the last ten months where it has withstood severe wear and tear in numerous public places, such as government office buildings, restaurants, theatres, hotels, etc.

Field tests have proved that heretofore indelible stains, such as lipstick, hot grease, crayon, ink, etc., require only soap and water for removal.

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DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1890, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Banks, Stores and Offices 16
Theaters 17
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Miscellaneous Construction 19
Misc. Supplies and Materials 20

1— APARTMENTS

January 11, 1946
BIDS POSTPONED UNTIL JAN. 21
APARTMENT BUILDING
OAKLAND, Alameda County, Calif. Kunhle and Mountain Blvd.
Construction of two-story frame and stucco apartment building to contain four apartments; steel sash, wood shingle roof, independent gas-fired warm air heating, etc.
Owner—Mr. Danforth, c/o architects.
Architects—J. Francis Ward and J. S. Bolles, 369 Pine St., San Francisco.

Plans being figured by a selected list of contractors. * 1

5— FLATS

January 11, 1946
TO START WORK
FLATS
SAN FRANCISCO. West side of 14th Ave., south of Geary Blvd.
Constructio nof frame and stucco building to contain two flats.
Owner—Edmund DeMartini, 785 Market St., San Francisco.
Architects—DeMartini & Igaz, 785 Market St., San Francisco.
Contractor—Elmo L. DeMartini, 948 Broadway, San Francisco.

Construction is scheduled to start shortly. * 5

7—FEDERAL BUILDINGS

January 11, 1946
BIDS WANTED

SANTA CRUZ, Calif.—Until January 23, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for waterproofing, concrete sidewalk and driveway, repairs and repointing steps, etc., U. S. Post Office, Santa Cruz.

Specifications obtainable from the above office of the district engineer or from the custodian of the building at Santa Cruz. * 7

January 11, 1946
BIDS WANTED

SAN FRANCISCO.—Until January 23, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for new wire mesh partitions and interior painting at new U. S. Mint building, San Francisco.

Specifications obtainable from the above office of the district engineer. * 7

9— HOSPITALS

January 11, 1946
PLANS ON FILE
WARD BUILDINGS
STOCKTON, San Joaquin Co., Calif. Stockton State Hospital.
Construction of one- and two-story reinforced concrete ward buildings for infirm females and disturbed females, having a combined floor area of approximately 160,000 sq. ft., with hollow tile partitions, steel sash and clay shingle tile roof covering.
Owner—State of California, Division of Architecture, Public Works building, 12th and N Sts., Sacramento.
Plans by State Architect Anson Boyd, Public Works Bldg., Sacramento.

As previously reported, bids will be opened January 29, 2 P. M.

Separate bids will be taken for the following segregated parts of the work:

(1) general work.
(2) heating and ventilating work.
(3) plumbing work.
(4) electrical work.

Alternate bids will be required for the omission of certain work.

Specifications obtainable from the office of the Division of Architecture, Public Works Bldg., Sacramento, upon deposit of $25.

A set of plans and copy of specifications is now on file for examination at the office of DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco. 9

13— PUBLIC BLDGS. FIRE HOUSES, JAILS

January 11, 1946
BIDS WANTED

SAN FRANCISCO.—Until Jan. 22, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 287, City Hall, under Municipal Railway Contract No. 243 for installing electric feeders and switchboards in 24th Street garage.

Specifications obtainable from the cashier's office, 6th floor, 425 Mason St., upon deposit of $10.00. * * 13

16— BANKS, STORES AND OFFICES

January 11, 1946
PLANS BEING FIGURED—BIDS — OPEN JANUARY 15, 3 P. M.
ALTER BUILDING
SAN FRANCISCO. York and Alameda Streets.
Alterations and additions to building.
Owner—Continental Baking Co., 1501 Bryant Street.
Architects—Bliss & Fairweather, 582 Market Street.

As previously reported, plans are being figured by the following contractors:

H. S Meinberger, 956 Folsom St., San Francisco.
Jacks & Irvine, 620 Market Street, San Francisco.
G. P. W. Jensen & Sons, Inc., 320 Market St., San Francisco.
M. & K. Corp., 200 Financial Center Bldg., San Francisco.
Russell A. Cullen, 478 Jackson St., San Francisco. * * 16

January 11, 1946
CONTRACT AWARDED
EXCHANGE ADDITION
Contract Price, $21,976
MARTINEZ, Contra Costa County, Calif.
Construction of addition to present central office building.
Owner—Pacific Telephone & Telegraph Co., 140 New Montgomery St., San Francisco.
Plans by engineering department of owner.
Contractor—Elmer J. Freethy, 1432 Kearney St., El Cerrito. * 16

January 11, 1946
COMPLETING WORKING DRAWINGS
BRANCH BANK
MOUNTAIN VIEW, Santa Clara Co., Calif.
Construction of one-story concrete branch bank building (50x84 ft.).
Owner—Bank of America National Trust & Savings Association, 300 Montgomery St., San Francisco.
Architect—De Martini & Igaz, 785 Market St., San Francisco. * 16

January 11, 1946
WORK STARTED
BRANCH BANK
MILLBRAE, San Mateo Co., Calif.
Construction of one-story concrete branch bank building (50x100 ft.).
Owner—Bank of America National Trust & Savings Association, 300 Montgomery St., San Francisco.
Architects—DeMartini & Igaz, 785 Market St., San Francisco.
Contractors—Barrett & Hilp, 918 Harrison St., San Francisco. * 16

January 11, 1946
WORK STARTED
STORE BUILDING
SAN FRANCISCO. Third and Kirkwood Sts.
Construction of one-story frame store building (approximately 50x70 ft.)
Owner—Righetti & Solari, c/o architects.
Architects—DeMartini & Igaz, 785 Market St., San Francisco.
Contractor—C. Faggioni, 1567 Revere Ave., San Francisco. * 16

January 11, 1946
WORK STARTED
MEDICAL BUILDING
Approximate Cost, $67,000
SALINAS, Monterey County, Calif.
Construction of one-story medical building to contain eight suites of offices.
Owner—c/o contractors.
Architects—DeMartini & Igaz, 785 Market St., San Francisco.
Contractor—Pacific Builders, 312 E. Alisal, Salinas. * 16

January 11, 1946
PREPARING PRELIMINARY PLANS
STORE BUILDING
SAN LEANDRO, Alameda Co., Calif.
Construction of one-story concrete store building (50x90 ft.).
Owner—Withheld.
Architects—DeMartini & Igaz, 785 Market St., San Francisco. 16

January 11, 1946
PLANNED
REMODEL AUTO SALES BLDG.
Cost, $50,000
SAN JOSE, Calif. Market and San Fernando Sts.
Remodeling and expansion of auto sales and service facilities.
Owner—Robert F. Benson, 83 S. Market St., San Jose.
Architect—Not announced. 16

19—MISC. CONSTRUCTION

January 11, 1946
PLANS BEING FIGURED—BIDS OPEN JANUARY 16, 10 A. M.
MORTUARY
BURLINGAME, San Mateo County, Calif. 23 California Drive.
Construction of one- and part two-story mortuary with reinforced concrete exterior walls and interior wood studding partitions.
Owner—Crosby-N. Gray & Co., 23 California Drive, Burlingame.
Architect—Richard M. Bates, Jr., 950 Baileyane Rd., Hillsborough.

The following contractors have taken out plans;

G. W. Williams Co., 10 California Dr., Burlingame.
Remmit Construction Co., 931 Menlo Oaks Dr., Palo Alto.
Haas Construction Co., 326 Merchants' Exchange Bldg., San Francisco 4.
Engineer's, Ltd., 225 Bush St., San Francisco.
Monson Bros., 475 Sixth St., San Francisco.
Peter Sorensen, 927 Arguello, Redwood City. * 19

20— MISC. SUPPLIES AND MATERIALS

January 11, 1946
BIDS OPENED

OAKLAND, Alameda Co., Calif.—The following submitted bids to the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Spec. 1692 for one electric starter, 50 h.p., and one reduced voltage manual starter, 500 h.p.

Joseph D. Armstrong, $2250.69 motor; $857.43 starter; total, $3108.12 (used material).
Allis-Chalmers Co., $4314 motor; $1021.50 starter; total, $5335.50.
General Electric Co. (same as above).
Westinghouse Electric Corp. (same as above).
Electric Machinery Manufacturing Co., $4314 motor; $1117 starter; total, $5431.
West Coast Electric Works, $3250 motor; $750 starter; total, $4000. * 20

January 11, 1946
CONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—E. G. Soeth Brass Foundry, 760 23rd Ave., Oakland, Calif., at $2339.59, was awarded contract by the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Proposal 1699 for 36 red brass manifolds; 125 red brass four-way cocks. 20

January 11, 1946
CONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—Pacific States Cast Iron Pipe Co., Rialto Bldg., San Francisco, at $27,200, was awarded contract by the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under LS 34 for 1040 4-in. to 12-in. gate valves. 20

January 11, 1946
CONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—General Electric Co., 1648 16th St., Oakland, at $4279.70, was awarded contract by the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Proposal 1698 for one electric motor and starter. 20

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Waterworks 33
Parks and Playgrounds 34
Tunnels 35

21— BRIDGES

January 11, 1946
COMPLETE BIDS

RIO VISTA, Sacramento Co., Calif.—As previously reported, Rio Vista Kiss Crane Co., Rio Vista, at $9450, submitted low bid to the Department of Public Works, Division of Highways, at the office of Paul O. Harding, district engineer, 1200 N. Center St., Stockton, for removing a portion of a bridge across Sacramento River at Rio Vista (X-Sac-53-C) in Sacramento County.

Total bids were:

Kiss Crane Co., Rio Vista, $9450.
J. D. Proctor, Inc., Richmond, $19,647.
De Roza & Billeter, Stockton, $12,275.
Ocean Constructors, San Francisco, $20,030.
Howard & Lauritzen, Pittsburg, $20,989.
Lord & Bishop, Sacramento, $21,000.
George Pollock Co., Sacramento, $11,343.34.
M. A. Jenkins, Sacramento, $21,363. 21

25—MACHINERY AND EQUIPMENT

January 11, 1946
BIDS WANTED

SOLANO COUNTY, ETC., Calif.—Until January 15, 10:30 A. M., bids will be received by the State Division of Highways, P. O. Harding, district engineer, 1200 N. Center St., Stockton, Calif., for rental of one or more extra-heavy pneumatic-tired diesel motor grader, tandem drive, equipped with mechanically controlled scarified and 12-ft. blade, Caterpillar No. 12 or equal, for intermittent use in Solano County and portions of Napa, Sacramento and San Joaquin counties.

Specifications obtainable from the above office. * 25

January 11, 1946
LOW BIDDERS

COLUMBIA BASIN PROJ., Wash.—McKiernan-Terry Corp., Harrison, New Jersey, at $360,500 fob Harrison submitted low bid to the U. S. Bureau of Reclamation, Denver, under Spec. 1124 for furnishing and delivering nine hydraulic hoists for the penstock coaster gates and one set of erection equipment for installation at Grand Coulee Dam, Columbia Basin Project, Wash., fob shipping point and/or cars at Odair. Wash.

Second and third low bids follow:

Pacific Car & Foundry Co., Seattle, $365,000 fob Renton.
Kopper Co., Bartlett Hayward Division, Baltimore, Md., $379,000 fob Baltimore. * * 25

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Alter Admin. Bldg., Golden Gate Bridge; Bids open January 11.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Midstate Constr. Co., 1207 Bush St., San Francisco (ORdway 4638).
Adam Arras & Son, 116 New Montgomery St., S. F. (GArfield 8381).
Empire Constr. Co., Ltd., 344 Harriet St., S. F. (HEmlock 3400).
H. H. Larsen Co., 64 South Park, San Francisco (EXbrook 3190, 3191)
R. A. Cullen, 478 Jackson Street, San Francisco (SUtter 1951).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Tamalpais Motor Sales Bldg., Mill Valley; Bids open Jan. 14, 4 P. M.
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Younger Constr. Co., 575 Mission St., San Francisco (SUtter 8266).
D. S. Clinton, 3 Coronet Ave., Mill Valley (Mill Valley 337).

Bldgs., Services, Reserve Fleet Berthing, Mare Island; NOy 13295; Spec. 17459; Bids open January 14, 11 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).

Ward Bldgs., Stockton State Hosp., Stockton; Bids open Jan. 29, 2:00 P. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Market and Store Bldg., Mill Valley; Bids open January 14, 4 P. M.
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).
Stolte, Inc., 8451 San Leandro St. Oakland (TRinidad 1064).
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Younger Constr. Co., 575 Mission St., San Francisco (SUtter 8266).

Peninsula Ave. Overcrossing, San Mateo; Bids close Jan. 16, 2 P. M.
M. & K. Corp., 200 Financial Center Bldg., S. F. (Ebrook 7624).
Robt. McCarthy Co., 1050 Kirkham St., S. F. (OVerland 4050).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
Carl N Swenson Co., 355 Stockton Ave., San Jose 4 (BAllard 2602).
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).
Harry J. Oser and Joe Gerrick & Co., 1119 Hobart Bldg., S. F. (DO 5175)

Danforth Building, Oakland; Bids open January 21.
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).

Alter Continental Bakery, San Francisco; Bids open January 15, 3 P. M.
G. P. W. Jensen & Sons, 320 Market St., S. F. (GArfield 2444).
Jacks & Irvine, 620 Market Street, San Francisco (GArfield 2106).
R. A. Cullen, 478 Jackson Street, San Francisco (SUtter 1951).
H. S. Meinberger, 956 Folsom St., San Francisco (EXbrook 9857).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
A. Nelson, Inc., 242 Ocean Ave, San Francisco (DElaware 0677).

Conversion Bldg., No. 401, S. F. Naval Shipyard, San Francisco; Bids open January 31, 11 A. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Exterior Alterations, Southern Pacific Hospital, San Francisco; Bids open January 21, Noon.
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)

Two Bridges, San Joaquin County; Bids close January 23, 2 P. M.
Carl N Swenson Co., 355 Stockton Ave., San Jose 4 (BAllard 2602).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Laboratory Bldg., Moffett Field; Bids close January 30, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).

Alter Loft Bldg., 1244 Larkin St., San Francisco; Bids open Jan. 17, 1:30 PM
Henry Arian, 4142 Geary Blvd., San Francisco (BAyview 5797).

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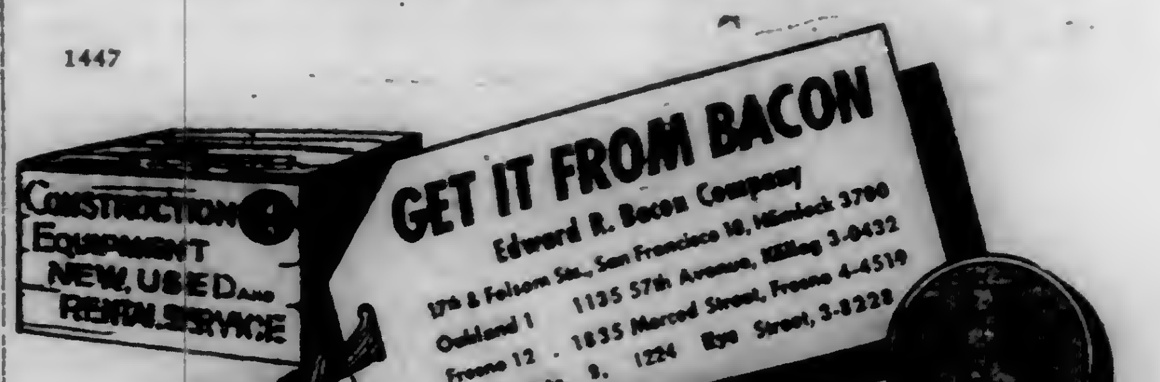
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ADVANCE CONSTRUCTION REPORTS

January 11, 1946

BIDS WANTED

SONOMA COUNTY, ETC., Calif.—Until January 15, 3 P. M., bids will be received by the State Division of Highways, John H. Skeggs, district engineer, 2001 Van Ness Ave., San Francisco, for rental of one ½-cu. yd. capacity truck crane equipped with clamshell bucket for approximately 200 hours of work in Sonoma and other counties in District IV.

Specifications obtainable from the above office. • 25

January 11, 1946

BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until January 23, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Pro. 1704 for furnishing oil circuit breaker.

Specifications obtainable from the above office. • 25

January 11, 1946

BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until January 24, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Pro. 1705 for furnishing three 500 kva. transformers.

Specifications obtainable from the above office. • 25

January 11, 1946

BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until January 23, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Daniel Read. secretary, 512 16th St., Oakland, under Pro. 1701 for six Ford or Chevrolet sedans.

Specifications obtainable from the above office. • 25

January 11, 1946

LOW BIDDERS

CENTRAL VALLEY PROJECT, California.—Mt. Vernon Bridge Co., Mt. Vernon, Ohio, at $509, f.o.b. Mt. Vernon, submitted low bid to the U. S. Bureau of Reclamation, Denver, Colo., under Bid No. 1125 for furnishing and delivering one bulkhead gate lifting frame for the turbine draft tubes at Keswick power plant, Kennett Division, Central Valley Project, f.o.b. shipping point and/or Redding.

Second and third low bids follow:

Schmitt Steel Co., Portland, $595, f.o.b. Portland, Ore.

John W. Beam, Denver, $783, f.o.b. Denver, Colo. • 25

January 11, 1946

BIDS OPENED

CENTRAL VALLEY PROJECT.—Judson Pacific Murphy Corp., 1200 17th St., San Francisco, at $48,059; $24 per day for engineers services; fob San Francisco, submitted low bid to the office of the Bureau of Reclamation, Denver, for furnishing and delivering fob cars at the shippoing point or fob cars at Redding, at the option of the bidder, a gantry crane, equipped with a trolley having a capacity of 40 tons and with a boom derrick having a capacity of 3½tons, for installation at the Keswick Dam, Kennett Division, Central Valley Project; Spec. 1112.

Derrick & Hoist Co., New York City at $84,750; $50 per day engineers services fob dest., submitted only other bid. • • 25

8.4 MILES GRADING, ETC., MONTEREY COUNTY

MONTEREY COUNTY, Calif.—A. Teichert & Son, Inc., Box 1113, Sacramento, at $795,692, submitted low bid to the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about eight and four-tenths miles in length to be graded, crusher run base and plant mix surfacing to be placed and seal coat to be applied, between Santa Rita and eight-tenths mile north of Crazy Horse Summit in Monterey County.

The work involves:

(1) 150 cu. yds. removing concrete;
(2) 441 sta. clearing and grubbing;
(3) 430,000 cu. yds. roadway excavation;
(4) 83,000 cu. yds. fill treatment excavation;
(5) 10,500 cu. yds. structural excavation;
(6) 3000 cu. yds. ditch and channel excavation;
(7) 58,000 sq. yds. compact original ground;
(8) 625,000 mile yds. overhaul;
(9) 2000 cu. yds. mill material;
(10) 64,000 sq. yds. prepare slopes, slope erosion protection;
(11) 25 tons straw slope erosion protection;
(12) 6500 cu. yds. hauling and placing top soil;
(13) 167,000 each mesembryanthemum edule cuttings;
(14) develop water supply and furnish water equipment;
(15) 18,000 M gallons apply water;
(16) 441 sta. finish roadway;
(17) 90,000 tons crusher run base;
(18) 149 tons asphaltic emulsion seal coat;
(19) 1100 tons screenings seal coat;
(20) 410 tons liquid asphalt SC-2 prime coat;
(21) 38,500 tons minimum aggregate plant mix surfacing;
(22) 1750 tons liquid asphalt SC-5 or SC-6 plant mix surfacing;
(23) 45 tons liquid asphalt SC-3 plant mix surfacing stockpiles;
(24) 12,000 sq. ft. place plant mix surfacing ditches and slope drains;
(25) 300 lin. ft. raised bars;
(26) 3 each redwood covers;
(27) 1255 cu. yds. class A portland ceemnt concrete structures;
(28) 160,000 lbs. bar reinforcing steel;
(29) 47 each cast steel frames and covers for drop inlets;
(30) 30 cu. yds. portland cement concrete curbs;
(31) 90 each monuments;
(32) 5040 lin. ft. laminated guardrail;
(33) 4500 lin. ft. move and reconstruct guardrail;
(34) 400 lin. ft. timber barrier railing;
(35) 140 each culvert markers, project markers and guide posts;
(36) 30 each move and reset culvert markers, project markers and guide posts;
(37) 7.8 miles remove and reconstruct fences;
(38) 18 each ruby reflectors;
(39) 140 lin. ft. 8-in. plain concrete pipe;
(40) 180 lin. ft. 36-in. reinforced concrete pipe, standard strength;
(41) 230 lin. ft. 8-in. CMP, 16-gage;
(42) 1850 lin. ft. 18-in. CMP, 16-ageg;
(43) 770 lin. ft. 24-in. CMP, 14-gage;
(44) 360 lin. ft. 30-in. CMP, 14-gage;
(45) 160 lin. ft. 36-in. CMP 12-gage;
(46) 400 cu. yds. filter material underdrains;
(47) 1500 lin. ft. 8-in. perforated MP underdrains, 16-gage;
(48) 10 each spillway assemblies;
(49) 7 each pipe anchors;
(50) 22 each salvage spillway assemblies;
(51) 22 each install salvage spillway assemblies;
(52) 52 70 lin. ft. salvage existing cnocrete pipe culverts;
(53) 70 lin. ft. relay salvaged concrete pipe culverts;
(54) 270 lin. ft. salvage existing CMP culverts;
(55) 220 lin. ft. relay salvaged CMP culverts;
(56) 280 lin. ft. salvage existing spillway assembly downdrains;
(57) 280 lin. ft. relay salvaged spillway assembly downdrains;
(58) 124 lin. ft. salvage field assembled plate culvert;
(59) remove two existing timber bridges.

Total bids follow:

(A) A. Teichert & Son, Inc., $795,692.
(B) Fredricksen & Watson Construction Co., Oakland, $875,313.52.
(C) Harms Bros., Sacramento, $879,796.50.
(D) Charles L. Harney and Piombo Bros., $886,782.50.
(E) Macco Construction Co., Clearwater, $926,822.50.
(F) Guerin Bros., South San Francisco, $947,636.25.
(G) Guy F. Atkinson Co., San Francisco, $977,048.10.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 3.00	$ 5.50	$ 4.00	$ 10.00	$ 6.00	$ 5.00	$ 6.00
(2)	20.00	21.00	40.00	29.00	50.00	25.00	12.00
(3)	.36	.32	.35	.35	.41	.31	.36
(4)	.44	.35	.60	.40	.37	.40	.96
(5)	2.10	2.00	2.00	2.15	2.10	3.00	1.65
(6)	.80	1.15	2.00	1.30	1.75	.60	1.40
(7)	.05	.035	.06	.05	.04	.06	.06
(8)	.085	.153	.16	.11	.14	.15	.10
(9)	1.60	2.35	2.50	3.30	1.60	3.50	1.50
(10)	.12	.12	.13	.15	.23	.10	.10
(11)	90.00	45.00	40.00	73.00	70.00	100.00	50.00
(12)	.85	1.00	.75	1.70	1.00	1.50	1.50
(13)	.05	.04	.045	2.00	.03	.03	.04
(14)	1000.00	2900.00	10,000.00	5000.00	7800.00	3000.00	5000.00
(15)	1.40	1.60	1.50	1.80	2.30	2.25	1.60
(16)	8.00	12.00	20.00	17.00	14.00	10.00	12.00
(17)	2.05	2.04	1.85	2.10	2.00	2.25	2.60
(18)	22.00	25.00	22.00	23.00	23.00	20.00	22.00
(19)	4.10	4.30	3.80	4.00	4.00	4.00	4.25
(20)	18.00	21.50	17.00	19.50	22.00	20.00	15.00
(21)	3.30	4.35	3.83	4.20	4.25	4.50	5.00
(22)	16.00	16.50	11.00	16.25	17.50	15.00	17.00
(23)	16.00	16.50	11.00	18.00	17.50	4.25	17.00
(24)	.07	.20	.20	.23	.15	.10	.07
(25)	1.50	1.15	1.00	1.00	.90	1.00	1.00
(26)	6.00	9.00	30.00	15.00	15.00	10.00	10.00
(27)	37.00	41.35	40.00	35.00	35.00	45.00	39.60
(28)	.07	.06	.06	.07	.06	.065	.06
(29)	75.00	60.00	60.00	62.00	65.00	50.00	60.00
(30)	37.00	45.00	30.00	36.00	35.00	100.00	40.00
(31)	4.30	4.00	4.00	3.50	4.50	5.00	4.00
(32)	1.65	2.00	2.00	2.10	1.75	2.50	2.20
(33)	1.35	1.40	1.25	1.50	1.20	2.50	1.60
(34)	2.10	3.20	2.50	3.00	2.50	3.00	3.00
(35)	2.10	4.30	4.00	2.75	4.75	5.00	4.00
(36)	1.50	3.00	3.00	2.50	2.50	5.00	3.50
(37)	600.00	600.00	800.00	1600.00	760.00	1600.00	900.00
(38)	2.00	6.00	5.00	1.50	2.00	5.00	1.20
(39)	.70	.70	1.25	1.00	1.00	1.00	.75
(40)	6.80	6.50	7.00	7.00	8.00	8.00	6.50
(41)	1.10	1.10	1.10	1.25	1.00	1.00	1.15
(42)	2.20	2.12	2.20	2.65	2.40	3.00	2.00
(43)	3.20	3.20	3.25	3.80	3.15	4.00	3.20
(44)	4.20	4.00	4.50	4.75	4.20	5.00	4.00
(45)	6.40	6.00	6.00	6.75	6.50	7.00	5.50
(46)	4.00	3.90	5.00	4.10	4.50	4.00	3.00
(47)	1.20	1.05	1.10	1.15	1.00	1.50	1.20
(48)	25.00	30.00	25.00	23.00	16.00	25.00	20.00
(49)	12.00	12.00	12.00	9.00	6.00	25.00	25.00
(50)	8.00	6.00	7.50	10.50	4.50	15.00	12.00
(51)	9.00	5.00	10.00	10.50	5.00	15.00	12.00
(52)	2.60	2.35	1.00	2.50	1.50	2.50	2.00
(53)	1.25	1.15	1.00	1.25	.75	1.00	1.00
(54)	1.50	1.00	1.00	1.50	.75	1.20	.75
(55)	.70	1.00	.75	.75	.75	1.00	.60
(56)	.40	.60	.50	.75	.45	2.00	.60
(57)	.40	.60	.50	.75	.45	.60	.60
(58)	4.00	12.00	.045	11.25	6.00	20.00	6.00
(59)	2000.00	3777.77	3000.00	4000.00	2400.00	8000.00	4000.00

January 11, 1946

BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until January 23, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Pro. LS-345 for hydraulically operated gate valves and hydraulically operated sluice gates and filter rate controller for Orinda filter plant.

Specifications obtainable from the above office. • 25

27— TREASURY DEPT.

January 11, 1946

BIDS WANTED

SAN FRANCISCO.—Until January 29, 2 P. M., bids will be received by the U. S. Treasury Department, Procurement Division, 30 Van Ness Ave., San Francisco, under Inv. No. SF-2726-46 for storage cases, f.o.b. Los Angeles.

Specifications obtainable from the above office. 27

32— SEWERS & SEWAGE DISPOSAL PLANTS

CONTRACT AWARDED

SAN PABLO, Contra Costa Co., Calif.—Fred J. Early Jr. Co., Inc., 369 Pine St., San Francisco, at $136,577.50, was awarded contract by the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under LS 343 for construction of San Pablo filter plant extension.

The work to be covered by the proposals includes constructing three additional bifurcated rapid sand filter units of the gravity type, extending the existing filter building, installing large steel and cast iron pipe, constructing a concrete tank, grading, paving and making various alterations to existing structures. 33

33—WATERWORKS

January 11, 1946

BIDS OPENED

SAN MATEO COUNTY, Calif.—Edwin J. Tobin, 1000 Carleton St., Berkeley, at $3331, submitted low bid to the County of San Mateo, Frederick Peterson, county purchasing agent, Courthouse, Redwood City, for construction of a 4-in. class 150 cement-lined cast iron bell and spigot pipe water main with gate valves, etc., on Sevier Ave. between Newbridge Ave. and Hamilton Ave., in Newbridge Park.

The work involves:

(1) 2000 lin. ft. 4-in. cast iron pipe, including bends, tees and crosses;
(2) 2 each 6-in. gate valves (hub type) with connections;
(3) 6 each 4-in. do;
(4) 2 each place only, fire hydrants furnished by county;
(5) 8 each, valve boxes;
(6) 3 each connections with existing 4-in. steel pipelines.

Complete bids follow:

Edwin J. Tobin, (1) $1.38, (2) $45, (3) $32.50, (4) $25, (5) $7, (6) $60; total, $3331.

E. T. Haas Co., San Mateo, (1) $1.46, $1.34 transite pipe, (2) $72, (3) $50, (4) $70, (5) $12, (6) $25; total, $3675.

McGuire & Hester, Oakland, (1) $1.68, (2) $45, (3) $35, (4) $70, (5) $9, (6) $65; total, $4067.

Underground Construction Co., Oakland, (1) $1.93, $1.83 transite pipe, (2) $52.50, (3) $33.50, (4) $31, (5) $14.25, (6) $46; total, $4480.

Associated Engineers, Palo Alto, (1) $1.95, $1.80 transite pipe, (2) $62, (3) $38, (4) $83, (5) $9, (6) $100; total, $4788.

Harvey E. Conner, Redwood City, (1) $2.05, (2) $50, (3) $40, (4) $50, (5) $10, (6) $75; total, $4845. • 33

Machinery & Material

SAN FRANCISCO CITY

SAN FRANCISCO.—Until January 21, 3 P. M., bids will be received by M. H. Gerry, Purchaser of Supplies, 270 City Hall, San Francisco, under Inv. No. 3457 for furnishing and delivering 6600 lbs. of grass seed for the Park Department.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until January 25, 3 P. M., bids will be received by M. H. Gerry, Purchaser of Supplies, 270 City Hall, San Francisco, under Inv. No. 3458 for furnishing and delivering to Millbrae, Calif., one Venturi meter for 44-inch pipe for the San Francisco Water Department.

Specifications obtainable from the above office.

RECLAMATION BUREAU

COLUMBIA BASIN PROJECT, Washington.—Until March 7, 2 P. M., postponed from February 5, bids will be received by the Bureau of Reclamation, Custom House, Denver, Colo., for (a) furnishing assembly and detail drawings, model tests and a report of approved drawings, and (b) furnishing and delivering f.o.b. cars at shipping point or f.o.b. cars at Odair, Wash., either four or six vertical shaft, centrifugal pumps, each having a capacity of not less than 1350 cu. ft. per second at a total pumping head of 310 ft. and a speed of 200 r.p.m., for installation at Grand Coulee pumping plant, Columbia Basin Project, Washington; Specification No. 1128. The apparatus will be installed by the government. No charge for copies of specifications to prospective bona fide bidders; to others, $1.50, not returnable. • 25

Prospective Bidders

Nursery and Residence, Valencia near 24th St., S. F.

BIDS: c/o Clarence O. Peterson and Wendell R. Spackman, 604 Mission St., San Francisco, January 24, 1 P. M.

A. J. Hopper Co., 243 Langton St., San Francisco.

Midstate Construction Co., 1297 Bush St., San Francisco.

C. L. Wold Construction Co., Ltd., 4412-16 Fulton St., San Francisco.

Rademann-Giusto, 40 Ringold St., San Francisco.

Warehouse, 8th and Ohio Sts, Richmond

BIDS: Richmond Union Schol District, Walter T Helms, superintendent, 1108 Bissell Ave., Richmond, January 25, 10 A. M. Plans prepared by Architects Dragon & Schmidts, 2068 Allston Way, Berkeley.

M. J. King, Inc., 231 Franklin St., San Francisco.

Elmer J. Freethy, 1432 Kearney St., El Cerrito.

Clinton Construction Co., 923 Folsom St., San Francisco.

C. L. Wold Construction Co., Ltd., 4412-16 Fulton St., San Francisco.

Moore & Roberts, 698 Mission St., San Francisco.

Empire Construction Co., Ltd., 344 Harriet St., San Francisco.

Parker, Steffens & Pearce, 135 South Park, San Francisco.

CHALMER MUNDAY
Attorney-at-Law - Notary Public
Bankruptcy, Mechanics' Liens,
Builders' Contracts
Financial Center Bldg. DO 4070

11.9 MILES GRADING, ETC., SONOMA AND MARIN COUNTIES

SONOMA and MARIN COS., Cal.—A. G. Raisch Co. and Harms Bros., 2048 Market St., San Francisco, at $1,555,096 submitted low bid to State Div. of Highways, G. T. McCoy, State Highway Engineer, Public Works Bldg., Sacramento, for about 11.9 mi. in length to be graded and paved with portland cement concrete and asphalt concrete on crusher run base and bridges to be constructed across San Antonio and Novato Creeks, between one mile south of Petaluma and Ignacio Wye in Sonoma and Marin Counties.

The work involves:

(1) 3,000 c.y. remove concrete;
(2) 626 sta. clear and grubb;
(3) 680,000 c.y. rdwy. excav.;
(4) 12,600 c.y. ditch and channel excavation;
(5) 16,300 c.y. struct. excav.;
(6) 15,000,000 sta. yds. overhaul;
(7) 25,000 sq. yds. compact original ground;
(8) 216,000 tons imported borrow;
(9) 75,000 s.y. spread top soil, slope erosion protection;
(10) 3,400 lbs. Western Rye grass seed, slope erosion protection;
(11) 178,000 s.y. prepare subgrade;
(12) develop water supply and furnish water equipment;
(13) 20,000 M. gals. apply water;
(14) 626 sta. finish rdwy.;
(15) 34,250 tons crusher run base;
(16) 275 tons liq. asph. SC-1 prime coat and penetration treat.;
(17) 85 tons liq. asph. SC-2, pene. treat.;
(18) 600 tons and, pene. treat.;
(19) 245 tons liq. asph. SC-6 armor coat;
(20) 4,300 tons of screenings, armor coat;
(21) 21 tons asph. emulsion paint binder and seal coat;
(22) 4,800 tons asph. concrete leveling course;
(23) 3,500 tons asph. concrete type B surface course;
(24) 360 l.f. raised bars;
(25) 40,900 c.y. Class B portland cement concrete pave.;
(26) 2,630 c.y. Class A portland cement concrete structs.;
(27) 535 c.y. Class A portland cement concrete footing blocks;
(28) 236 l.f. concrete railing;
(29) 2,600 lbs. misc. iron and steel;
(30) 1,196 l.f. furnish precast conc. piles including test piles;
(31) 26 each drive do;
(32) 2,550 l.f. furnish treated Douglas fir piles;
(33) 83 each drive do;
(34) 175 c.y. broken conc. riprap;
(35) 610 c.y. Class B portland cement conc. curbs and gutters;
(36) 112 each right of way monuments;
(37) 65 each center line monuments;
(38) 5,470 l.f. metal plate guard railing;
(39) 304 l.f. timber bridge railing;
(40) 150 l.f. moving and reconstructing guard railing;
(41) 220 each culvert markers;
(42) 400 each guide posts;
(43) 14 miles new property fences;
(44) 14 each 14-ft. drive gates;
(45) 6 each 16-ft. drive gates;
(46) 9 each 18-ft. drive gates;
(47) 18 each move and reset drive gates;
(48) 650 l.f. chain link fence;
(49) 0.5 mile remove and reconstruct property fences;
(50) 4,100 l.f. 12-in. reinf. conc. pipe, standard strength;
(51) 2,300 l.f. 18-inch do;
(52) 270 l.f. 24-inch do;
(53) 50 l.f. 30-inch do;
(54) 310 l.f. 36-inch do;
(55) 88 l.f. 48-inch do;
(56) 130 l.f. 8-in. CMP, 16 gage;
(57) 400 l.f. 12-inch do;
(58) 1,900 l.f. 18-inch do;
(59) 890 l.f. 24-in. CMP 14 gage;
(60) 190 l.f. 30-inch do;
(61) 150 l.f. 36-in. CMP 12 gage;
(62) 1 each 24-in. automatic drainage gate;
(63) 4,800 l.f. 4-in. perf. MP underdrains, 16 gage;
(64) 1,000 c.y. filter material;
(65) 40 each spillway assemblies;
(66) 720 l.f. 8-in. CMP down drains, 16 gage;
(67) 1,800 l.f. salvage existting pipe culverts;
(68) 800 l.f. relay salvaged CMP culverts;
(69) 6 each type 1 steel frames and grates;
(70) 112 each type 2 do;
(71) 366,000 lbs. furnish bar reinf. steel pave and structs.;
(72) 366,000 lbs. place do;
(73) 28,500 each pave tie bolt assemblies;
(74) misc. items of bridge work.

Total bids follow:

(A) A. G. Raisch Co. and Harms Bros., San Francisco. $1,555096.
(B) Macco Constr. Co. Clearwater, $1,593,962.50.
(C) Chas. L. Harney and Piombo Bros. Co., San Francisco, $1,598,022.80.
(D) E. W. Elliott Constr. Co., San Francisco, $1,666,771.50.
(E) Parish Bros., Benicia, $1,674,228.90.
(F) Fredricksen & Watson Constr. Co., Oakland, $1,808,567.
(G) Guy F. Atkinson Co., San Francisco, $1,894,607.
(H) M.B. Constr. Co. and Bressi & Bevanda, Stockton, $1,896,022.10.
(I) Hubert H. Everest, Sr., San Francisco, $2,115,337.12.
(J) A. Teichert & Son, Inc., Sacramento, $2,146,267.40.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	$2.50	$4.00	$2.50	$3.50	$5.00	$3.70	$3.30	$3.65	$3.47	$4.40
(2)	12.00	25.00	23 00	72.00	20.00	16.50	25.00	36.00	18.50	32.80
(3)	.40	.40	.415	.58	.45	.52	.53	.69	.80	.65
(4)	1.25	1.00	.90	.60	.80	1.10	1.75	.80	1.65	1.40
(5)	2.50	1.50	3.10	2.40	2.20	2.00	2.50	2.50	3.28	3.75
(6)	.003	.003	.00285	.0025	.0035	.0035	.0826	.0025	.003	.005
(7)	.10	.04	.05	.06	.05	.05	.05	.075	.03	.03
(8)	1.35	1.40	1.30	1.55	1.53	1.70	2.10	1.45	1.95	2.18
(9)	.12	.24	.12	.05	.10	.13	.08	.15	.12	.20
(10)	.25	.15	.42	.40	.50	.40	1.20	.25	.29	.70
(11)	.09	.08	.07	.10	.08	.10	.10	.10	.10	.13
(12)	10,000.00	6000.00	4800.00	2000.00	5000.00	3000.00	5000.00	7260.00	6273.00	3500.00
(13)	1.50	2.00	1.55	1.25	1.50	1.50	1.75	1.80	1.89	1.60
(14)	10.00	15.00	12.00	8.00	10.00	15.00	10.00	15.00	19.63	10.50
(15)	2.85	2.20	2.45	2.05	2.25	2.50	2.40	2.00	3.11	2.75
(16)	20.00	17.50	18.00	18.00	21.25	22.35	19.00	18.00	23.22	26.00
(17)	20.00	17.50	20.00	30.00	21.25	22.35	21.00	20.00	23.22	28.50
(18)	3.50	3.50	3.60	5.00	5.00	3.35	3.00	3.70	4.42	5.00
(19)	21.00	20.00	18.00	19.50	22.50	23.00	22.00	20.00	24.44	28.50
(20)	3.95	3.50	5.20	3.65	4.85	4.25	4.40	4.20	3.99	5.70
(21)	30.00	30.00	22.00	24.00	27.50	30.00	25.00	35.00	30.94	43.00
(22)	5.90	6.00	5.65	5.85	5.50	6.40	5.00	5.05	6.50	5.70
(23)	6.40	6.50	6.35	6.35	6.10	6.45	6.00	5.50	6.77	6.30
(24)	1.00	1.00	1.00	1.00	1.25	1.15	1.00	1.00	1.22	.40
(25)	8.90	10.00	9.85	8.50	9.55	10.25	10.00	10.40	9.94	11.20
(26)	40.00	32.00	35.50	31.00	45.00	48.00	48.00	54.50	39.89	45.00
(27)	23.00	22.00	18.00	22.00	30.00	36.00	20.00	30.00	33.22	17.00
(28)	6.50	4.65	5.60	8.00	6.50	7.50	7.50	4.85	5.89	6.00
(29)	.20	.24	.37	.50	.32	.30	.40	.35	.36	.40
(30)	3.25	4.00	3.00	3.00	2.35	4.25	4.00	5.50	3.58	2.95
(31)	200.00	93.00	150.00	100.00	80.00	175.00	250.00	120.00	122.61	161.00
(32)	1.00	1.10	1.25	1.25	.95	1.33	1.50	.60	.84	1.70
(33)	25.00	70.00	82.00	40.00	45.00	41.00	55.00	60.00	55.92	72.40
(34)	10.00	12.00	9.50	10.00	12.00	7.70	7.60	6.00	12.56	7.60
(35)	22.00	23.00	27.50	25.00	28.00	33.00	35.00	30.50	36.11	47.50
(36)	3.00	5.00	3.80	5.00	4.00	4.00	4.00	4.85	4.78	5.80
(37)	10.00	12.00	14.00	15.00	4.00	13.50	20.00	25.00	4.00	15.00
(38)	1.75	2.30	2.00	1.50	2.25	1.90	2.50	2.20	2.42	2.80
(39)	2.00	2.50	2.15	1.75	3.75	3.00	2.00	3.00	3.18	2.50
(40)	2.00	2.50	2.25	1.50	2.50	1.40	1.60	3.00	4.14	1.65
(41)	2.00	5.00	2.25	4.00	3.15	3.50	4.00	3.65	3.60	4.40
(42)	2.50	5.00	3.70	4.00	3.00	3.50	4.50	3.65	3.60	4.00
(43)	1000.00	1100.00	1590.00	1000.00	1375.00	1000.00	1250.00	1525.00	2100.00	1510.00
(44)	35.00	35.00	32.50	35.00	38.00	44.00	35.00	25.00	40.80	44.00
(45)	40.00	45.00	37.50	40.00	45.00	48.00	45.00	30.00	44.67	50.00
(46)	45.00	50.00	42.50	45.00	60.00	50.00	50.00	36.00	48.67	57.00
(47)	20.00	11.00	12.00	25.00	18.00	21.00	25.00	30.00	27.60	31.00
(48)	3.50	3.70	3.70	2.50	3.30	3.75	3.50	1.45	3.96	4.00
(49)	800.00	800.00	1600.00	800.00	700.00	575.00	850.00	1200.00	1517.80	945.00
(50)	1.65	1.75	1.40	1.65	1.65	1.50	1.70	2.20	2.11	1.70
(51)	2.60	2.50	2.35	2.75	2.55	2.40	2.60	2.75	3.29	2.80
(52)	3.80	3.80	3.70	4.00	3.75	3.70	4.10	3.85	4.90	4.30
(53)	4.90	5.35	5.10	5.00	5.10	5.00	5.50	5.50	6.30	5.80
(54)	6.40	6.50	7.50	6.50	6.00	6.50	7.00	7.25	8.04	7.30
(55)	11.50	11.00	13.00	10.00	10.00	11.35	11.50	12.10	12.49	11.70
(56)	1.25	1.15	1.30	1.50	.95	1.15	1.20	1.35	1.46	1.15
(57)	1.40	1.45	1.55	1.60	1.65	1.55	1.60	1.80	1.94	1.50
(58)	1.90	2.30	2.30	2.25	2.25	2.20	2.20	2.30	2.84	2.20
(59)	2.75	3.20	3.60	3.25	3.35	3.30	3.30	3.20	4.10	3.35
(60)	3.75	4.20	4.75	4.30	4.50	4.20	4.20	4.20	5.08	4.30
(61)	5.50	6.40	7.50	6.00	6.00	6.00	6.30	6.00	7.19	6.40
(62)	50.00	40.00	58.00	100.00	50.00	44.00	50.00	38.50	51.11	50.00
(63)	1.00	1.15	1.10	1.35	.95	1.10	1.20	1.35	1.46	1.20
(64)	2.50	4.65	4.60	3.75	3.30	4.50	3.50	5.50	4.27	5.00
(65)	25.00	23.00	24.00	17.50	20.00	17.50	20.00	27.50	19.92	32.00
(66)	1.00	1.15	1.20	1.50	2.00	1.16	1.20	1.65	1.46	1.20
(67)	.50	.75	1.20	1.00	1.10	.95	1.10	.90	1.02	.65
(68)	.50	.70	.70	1.00	1.10	.95	.65	.90	1.30	.60
(69)	54.00	64.00	39.00	85.00	115.00	60.00	40.00	55.00	85.33	125.00
(70)	54.00	64.00	34.00	60.00	75.00	60.00	35.00	77.00	97.78	93.00
(71)	.03	.0035	.04	.04	.036	.035	.04	.045	.05	.035
(72)	.02	.02	.017	.015	.016	.02	.02	.02	.02	.015
(73)	.47	.60	.63	.50	.55	.55	.60	.60	.57	.60
(74)	2500.00	2782.10	2000.00	1500.00	2500.00	1900.00	1114.00	1650.00	2366.70	2500.00

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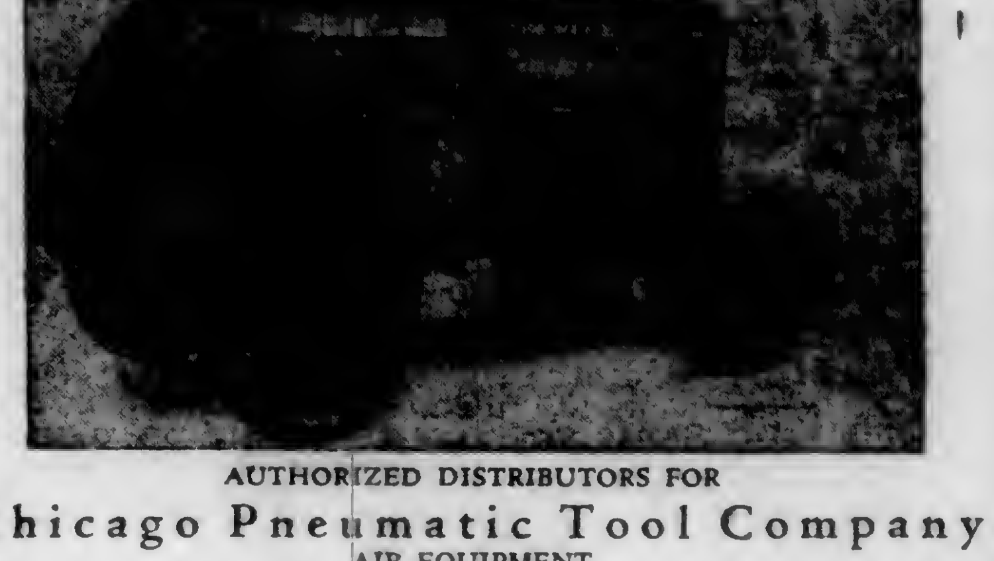

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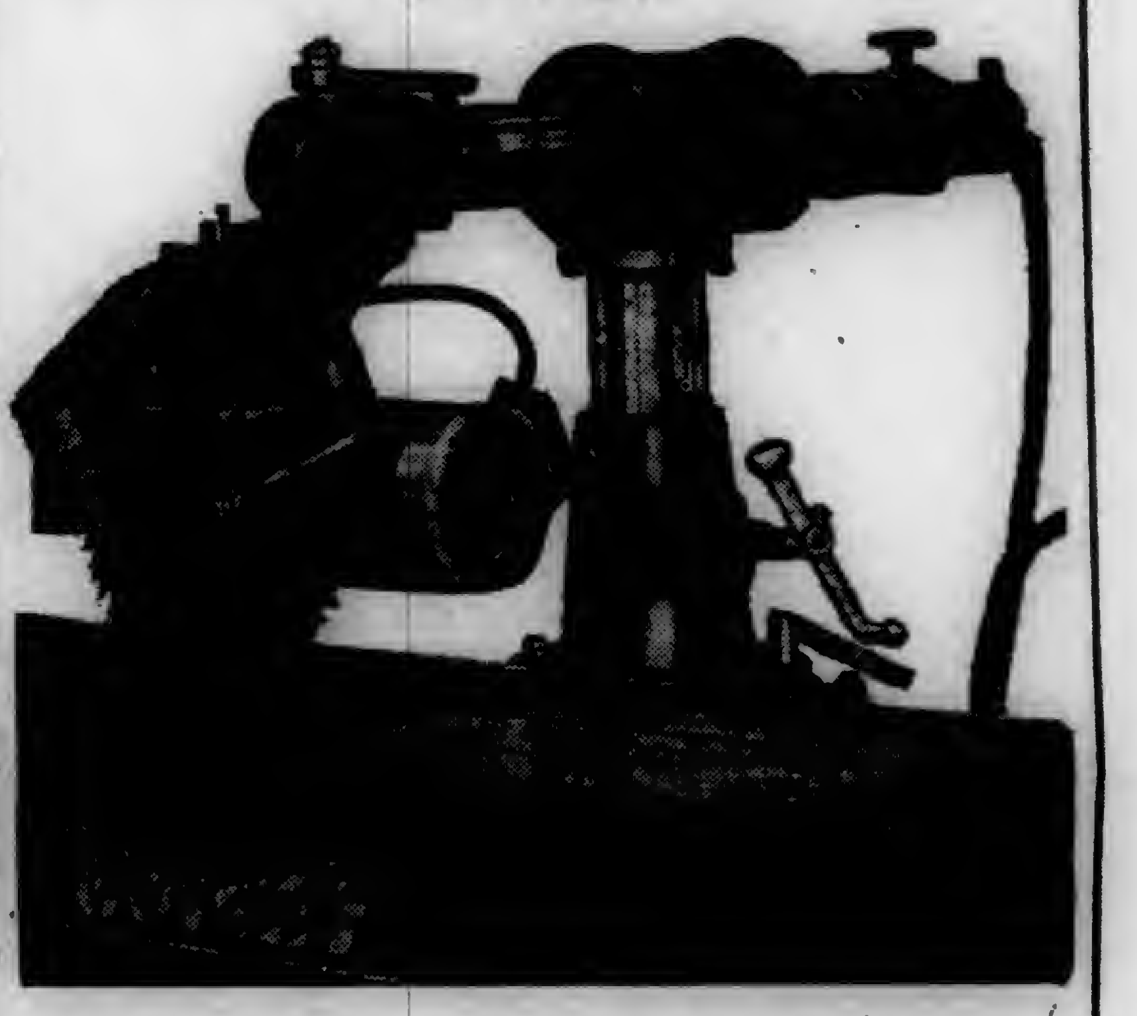

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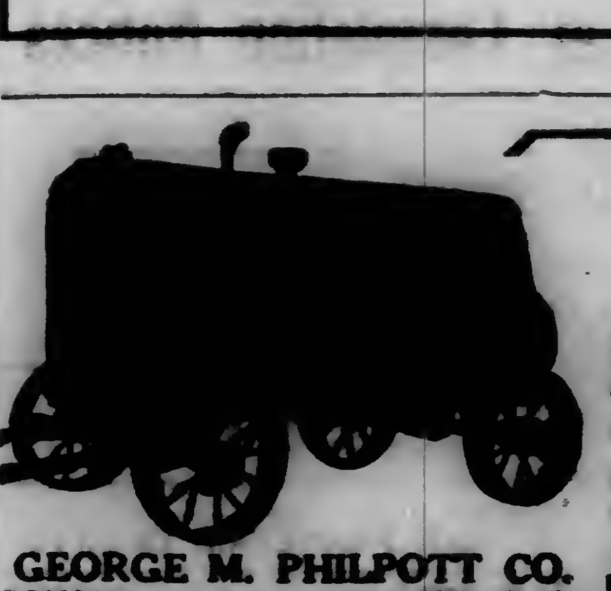

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Building Permits, Contracts---Recorded Notices

BUILDING PERMITS

Building Permits, $1,000 and Over, Applied For

SAN FRANCISCO COUNTY

ALTER OFFICES
135 SANSOME STREET.
Owner—S F Stock Exchange, prem.
Contractor—Swinerton and Walberg Co, 225 Bush St.
Architect—Not Given. $49,000
(App No 85161).

BUILDING Class C mercantile
SE HARRISON 217.6 NE Third St.
Owner—California Pacific Titile and Trust Co., c/o cntr
Contractor—Jacks & Irvine, 620 Market Street.
Architect—Not Given. $23,000
(App No 85162).

STORE, Class C
S GENEVA AVE 225 W Paris.
Owner—R A Rossi, 927 Geneva Ave.
Contractor—Jos Barnes, 750 Folsom.
Architect—Not Given. $20,000
(App No 85172)

DWELLING, 1-story frame
NW 20th AVE and Rivera St.
Owner and Builder—N W Anderson, 614 Taraval St.
Architect—Not Given. $7,500
(App No 85158).

MFG BLDG, 2-story frame
W MISSION 122 S Huron.
Owner—A Wilmes, 208 Hillcrest.
Contractor—H Highfield, 6147 Mission Street.
Architect—Not Given. $7,000
(App No 85163).

DWELLING, 2-story frame
W STANYAN ST 328 S Rivoli.
Owner and Builder—John Bertelsen, 315 Noriega Street.
Architect—Not Given. $6,000
(App No 85173).

DWELLINGS, two 1-story frame
N SARGENT 125, 100 W Ralston.
Owner and Builder—California Const Co, 159 West Portal Ave
Architect—Not Given. $5250 each
(App Nos 85167-68)

DWELLING, 1-story frame
W 20th AVE 36 N Rivera.
Owner and Builder—N W Anderson, 615 Taraval Street.
Architect—Not Given. $5,000
(App No 85159)

DWELLING, 1-story frame
N FITZGERALD AVE 250 E Bayshore Blvd.
Owner—Nello Giorgi, 31 Robblee Ave.
Contractor—Nils E Johnson, 2080 Silver Avenue.
Architect—Not Given. $5,000
(App No 85176).

DWELLING, 1-story frame
W BUENA VISTA AVE 125 S Frederick St.
Owner—Mr and Mrs John Wigington, 615 Buena Vista Ave.
Architect—Not Given. $4,000
(App No 85157).

ALTER RESTAURANT
690 GREAT HIGHWAY
Owner—Geo Whitney, 4800 Cabrillo.
Architect—Not Given. $3,000
(App No 85178).

TOWER DISPLAY
1500 MISSION STREET.
Owner—Coca Cola Bottling Co. 1500 Mission Street.
Contractor—Neon Mtce Corp, 755 Davis Street.
Architect—Not Given. $1900
(App No 85182)

SIGN, ELECTRIC
SE BUSH ST and Grant Ave.
Owner—United Cigars, premises.
Contractor—Neon Mtce Corp, 755 Davis Street.
Architect—Not Given. $1900
(App No 85180).

ALTER RESTAURANT
2765 HYDE STREET.
Owner— Koeppler, premises.
Contractor—Wm Horstmeyer Co, 23 Mars Street.
Architect—Not Given. $1,500
(App No 85154).

ALTER store and warehouse
991 HOWARD STREET.
Owner—Korbus Glass Co, 993 Howard Srteet.
Contractor—Jos Barnes, 725 Folsom.
Architect—Not Given. $1,000
(App No 85160).

Building Permits, $1,000 and Over, Applied For

ALAMEDA COUNTY

APARTMENTS
1909-15 BONITA, BERKELEY.
Owner—R. C. Reid.
Builder—W. M. Farris, 1550 University Ave.
Architect—Not Given. $14,000

APARTMENTS
1917-23 BONITA, BERKELEY.
Owner—R. C. Reid Jr.
Builder—W. M. Farris, 1550 University Ave.
Architect—Not Given. $14,000

5-ROOM DWELLING
1342 GRIZZLY PEAK, BERKELEY.
Owner and Builder—Leonard Ver Mehr, 2518 Etna.
Architect—Paul Hammarberg, 2 Norwood Ave. $10,500

ALTERATIONS
2501-05 TELEGRAPH, BERKELEY.
Owner—Clumions, 2449 Dwight Way.
Builder—Ben W. Arnold, 1002 Kains, Albany.
Architect—Not Given. $4,500

ALTERATIONS
1000 PARKER, BERKELEY.
Owner—Western Door & Sash Co., 9th and Parker.
Builder—Hans C. Jensen, 3906 Oakmore Rd., Oakland.
Architect—Edmond Cerruti Jr., 416 13th St., Oakland. $4,000

ALTERATIONS
1574 EUCLID, BERKELEY.
Owner—H. H. Whiting, 1572 Euclid.
Builder—Wendt Construction Co., 810 Page.
Architect—Reynolds & Chamberlain, 3833 Piedmont Ave., Oakland. $1,500

ALTERATIONS
1908 SHATTUCK, BERKELEY.
Owner and Builder—Ray Neary, 1908 Shattuck.
Architect—Not Given. $1,100

1-STORY CONCRETE ADDITION
1500-20 BROADWAY, OAKLAND.
Owner and Builder—Broadway Realty Co., 420 15th St.
Architect—Miller & Warnecke, Financial Center Bldg. $110,000

2-STORY ADDITION
534 21ST ST., OAKLAND.
Owner and Builder—First Baptist Church, 21st and Telegraph Ave.
Architect—Donald Powers Smith, 58 Sutter St., San Francisco. $96,500

January 11, 1946

ADDITION
3660 BROADWAY, OAKLAND.
Owner—Andrew Williams Stores, Inc.
Builder—Elmer J. Freethy, 1432 Kearney St., El Cerrito.
Architect—Not Given. $25,000

1-STORY CONCRETE MARKET
91 8TH ST., OAKLAND.
Owners—Gee Seuk Hong and Gee Fong, 117 E. 8th St.
Builder—E. Fiener, 3866 Maybelle Ave.
Plans by H. M. Whittig, 561 Laurel St., Vallejo. $12,000

1-STORY 5-ROOM DWELLING
6816 COLTON BLVD., OAKLAND.
Owner and Builder—Fred F. Chapin, 1990 Mountain Blvd.
Architect—John D. Wagenet, Fernwood Dr. $7,500

1-STORY 5-ROOM DWELLING
2609 ALIDA ST., OAKLAND.
Owner—R. R. Jackson.
Builder — W. F. Beckett, Latham Square Bldg.
Architect—Not Given. $6,500

ALTERATIONS AND REPAIRS
301 12TH ST., OAKLAND.
Owner—Cochran & Celli, 301 12th St.
Builder—C. H. Thrams, 1100 6th Ave.
Architect—George E. Ellinger, 1801 Casterline Rd. $60,000

1-STORY 5-ROOM DWELLING
8025 B ST., OAKLAND.
Owner and Builder—H. S. Pulliam, 8009 Fontaine St.
Architect—Not Given. $4,400

1-STORY 5-ROOM DWELLING
1259 81ST AVE., OAKLAND.
Owner and Builder—H. S. Pulliam, 8009 Fontaine St.
Architect—Not Given. $4,400

3-ROOM DWELLING
6217 THORNHILL DR., OAKLAND.
Owner—Mrs. Beryle Freeman, 1039 Fountain St., Alameda.
Builder — Alfred R. Johnston, 6323 Valley View Dr.
Architect—Not Given. $4,000

STEEL ADDITION, ALTERATIONS
4200 BROADWAY, OAKLAND.
Owner and Builder—Signal Oil Co., 2301 Blanding Ave., Alameda.
Architect—Not Given. $3,700

ALTERATIONS
3110 E. 14TH ST., OAKLAND.
Owner—W. Sayers.
Builder—J. B. Peterson, 511 29th Ave.
Architect—Not Given. $1,000

ALTERATIONS
1276 7TH ST., OAKLAND.
Owner—Hazel Moere, 1276 7th St.
Builder—California Roofing & Contracting Co., 1630 Webster St.
Architect—Not Given. $1,000

PERMITS UNDER $1,000

ALAMEDA COUNTY

OAKLAND

ALTERATIONS, $550; 714 Washington St; owner, Wm Greschwer, 714 Washington St; contractor, Pioneer Bldrs, 516 San Pablo Avenue, Albany.
GARAGE, 1-story, $360; 10709 Estepa Drive; owner and builder, Geo W Windle, premises.
WALL, retaining, $350; 182 Orange; owner, J A Mattson, prem; contractor, Mastercraft Co, 4th Ave and E 10th St.
ALTERATIONS, $200; 3701 Lakeshore Ave; owner, Choy Lee, 3701 Lakeshore; contractor, Earl Heffley, 3335 Adeline St.
GARAGE, $200; 3924 Midvale Ave; owner and builder, J A Thompson, 9431 Holly St.
ADDITION, $200; 2907 Brookdale; owner and builder, E Narcisi 2907 Brookdale Ave.
ALTERATIONS $125; 603 37th St; owner and contractor, Henry B. Knox, premises.
SIGNS, three masonite, $50 ea; 2446 E 12th St; owner and contractor, R O Laws, premises.
SIGN, metal, $50; 8900 MacArthur Blvd; owner and contractor, V H Davis.
ALTERATIONS $50; 1072 MacArthur Blvd.; owner, K E Hughes, prem; contractor, Henry Koenig, 2451 Gunn Drive.
REPAIRS, $47; 2638 75th Avenue; owner and contractor, E K Monig, 2638 75th Ave.
SIGN, masonite, $15; 2446 E 12th St; owner and contractor, R O Law, premises.

Building Permits, $500.00 and Over, Issued by the Board of Public Works

SAN FRANCISCO COUNTY

2105 Scott St; alter bldg; cost, $1,000; owner, Thos Wilson.
4041 Geary Blvd; alter store; cost $3800; owner, Harold Menzies.
425 Bush St. Alter office; cost, $1000; owner, Patterson & Hall.
425 Bush St; alter bldg; cost, $4,000; owner, Patterson & Hall.
1985 Mission St; alter market; cost $1899; owner, E Mulligan.
1985 Mission St; alter market; cost $998; owner, G Mulligan.
1800 Van Ness Ave; alter stores (2); cost $900 each; owner, Bissinger & Welch.
NW Cor Grand View Avenue and Acme Alley; N Grand View Ave 18, 44, 145, 217, 246 W Acme Alley; six 2-story frame dwellings; cost, $9000 each; owner, Matthew A Little.
S Ocean Ave 105 W inter Eucalyptus Ave and Ocean Ave; two-story frame building; cost, $40,000; owner, Mr and Mrs F Jensen.
1529 Van Ness Ave; alter garage; cost, $2500; owner, E H Harrigan.
2682 Filbert St; alter dwelling; cost, $2500; owner, Mr Post.

Completion Notices

SAN FRANCISCO COUNTY

Recorded Accepted
Jan 10, 1946—S ANZA 25 W Parker Ave W 25 S 59.292 E 25 N 59292 ptn lot 1 blk 1136, Francisco Heights. Oliver M Rousseau to whom it may concern........December 31, 1945

Liens Filed

SAN FRANCISCO COUNTY

Recorded Amount
Jan. ...., 1946—SW 16th and HOFF. Frank J Klimm Co vs California Pacific Titile Ins Co and Alberton Realty, Inc $1,642.30
Jan. ...., 1946—W VICTORIA 100 S Sargent S 25 x W 100. Cleveland Wrecking Co vs Edward C and Frieda S Riggs..........$982.12
Jan 10, 1946—1256 FELL ST. C Carliani vs P Cesare..........$146.00

Electrical Permits

SAN FRANCISCO COUNTY

7426 695 Stevenson; owner, J M Song & Co; contractor, Industrial Marine Electric & Eng; 6 outlets; 3 plugs; motors.
7427 1181 Market; owner, J M Song & Co; contractor, Industrial Marine Electric & Eng; 40 outlets; 24 plugs; alterations.
7428 2750 Geary Blvd; owner, Garden Hospital; contractor, Frank J Klimm Co; alterations.
7429 5149 3rd St; owner, ...; contractor, G H Armstrong; motors.
7430 SE cor Webster and Clay; owner, Stanford Hospital; contractor, Lynch Electric; alterations.
7431 SE cor Webster and Clay; contractor, Lynch Electric; 6 outlets.
7432 457 Diamond St; owner, ...; contractor, State Electric Co; alterations.
7433 251 6th St; owner, ...; contractor, State Electric Co; alterations.
7434 2015 Chestnut St; owner, Karletta Mulkey; contractor, Neon Maintenance Corp; 1 sign; 1 transformer.
7435 199A Lombard St; owner, Costante Patri, doing business as Penguin Cafe; contractor, Neon Maintenance Corp; 1 sign; 1 transformer; exterior outline.
7436 120 1st St; owner, Ben Blatteis; contractor, Neon Maintenance Corp; 1 sign; 2 transformers; exterior outline.
7437 1900 Hyde St; owner, Barbara Baker; contractor, Neon Maintenance Corp; 1 sign; 2 transformers.
7438 727 Sutter St; owner, B C Woolf; contractor, Neon Maintenance Corp; 1 sign; 2 transformers.
7439 1989 Mission St; owner, Gene Mulligan; contractor, Neon Maintenance Corp; 2 transformers.
7440 824 Taraval St; owner, J C Johnson; contractor, Neon Maintenance Corp; 1 sign; 2 transformers.
7441 1800 Van Ness Ave; owner, Bissinger & Walsh; contractor, Neon Maintenance Corp; 1 sign; 2 transformers.
7442 483 Ellis St; owner, Richard N Tone; contractor, Neon Maintenance Corp; 1 sign; 1 transformer.
7443 1800 Van Ness Ave; owner, Bissinger & Welch; contractor, Neon Maintenance Corp; 1 sign; 4 transformers.
7444 1985 Mission; owner, Eugene Mulligan; contractor, Neon Maintenance Corp; 1 sign; 4 transformers.
7445 1985 Mission; owner, Eugene Mulligan; contractor, Neon Maintenance Corp; 1 sign; 6 transformers.
7446 2663 45th Ave; owner, Ben Lewis; contractor, Grandi Electric; 10 outlets; 10 switches; 8 plugs.
7447 S Ulloa 82 ft W 37th Ave; owner, Ben Lewis; contractor, Grandi Electric Co; alterations.
7448 W Mission 200 ft S 14th St; owner, Central California Construction; contractor, Malm & Welter; 1 motor.
7449 909 Hyde St; owner, Mategar; contractor, Malm & Welter: 7 outlets; 3 switches; 4 plugs.
7450 1729 Noriega; owner, Seabright Market; contractor, Malm & Welter; 10 outlets; 8 switches; 5 plugs; alterations.
7451 130 Valparaiso; owner, Badella; contractor, Malm & Welter; alterations.
7452 735 Ellis St; owner, Cameron; contractor, Malm & Welter; 16 plugs.
7453 351 California St; owner, Balfour Building Corp; contractor, Marine Electric Corp; alterations.
7454 10 Nottingham Place; owner, Conly; contractor, Mohrdick Electric: alterations.
7455 291 Geary; owner, Arras; contractor, Mohrdick Electric; alterations.
7456 SE cor Bosworth and Gouvier; owner Horstmeyer; contractor, Mohrdick Electric; 10 outlets; 5 motors
7457 1024 Webster; owner, Horstmeyer; contractor, Mohrdick Electric; 5 outlets; 4 plugs.
7458 488 Pine St; owner, Horstmeyer; contractor. Mohrdick Electric; 5 outlets; 3 plugs.
7459 11 Battery St; owner and contractor, Weidenthal-Gosliner Electric Works; service.
7460 11 Battery St; owner, ..., contractor Weidenthal-Gosliner Electric Works; 19 motors.
7461 11 Battery St; owner, ...; contractor Weidenthal-Gosliner Electric Works; 19 motors.

BERKELEY

20 3278 Adeline, owner, Otto E Frank; contractor, Electrical Products Corp; neon clork; transformer.
21 2566 Telegraph½ owner, Doten Pontiac; contractor, Electrical Products Corp; sign; 3 transformers.
22 805 Allston; owner, ...; contractor, Gilman Bros; 1 motor.
23 2850 Seventh; owner, Hall-Scott Motor Co; contractor, Pacific Electric Motor Co; 2 motors; heater.
24 3048 Claremont; owner, ...; contractor, Chas Langlais; 8 fixtures; 9 plugs; 1 motor; 8 circuits.
25 2938 Avalon; owner, Tom Fellners; contractor, Aarvaks Heating; time clock; 1 motor.
26 1731 California; owner, Geo Houser; contractor, Aarvaks Heating; 1 motor.
27 42 Menlo Place; owner, Ferris; contractor, Aarvoks Heating; 1 motor
28 1518 Walnut; owner, R S Carrick; contractor, Aarvoks Heating; 1 motor.
29 1932 Stuart; owner, ...; contractor, Bradshaw Electric; 1 outlet; 1 switch; 1 fixture; 7 plugs; 6 circuits.
30 2448 San Pablo; owner, Robertson's Motors; contractor, California Electric; 1 motor.
31 600 Camelia; owner, ...; contractor, Matson Electrical; 1 motor.
32 2335 Blake; owner, ...; contractor, Clifford Electric; 14 outlets; 7 fixtures; 23 plugs; 7 circuits.
33 2154 San Pablo; owner, Lucky Pet Shop; contractor, Ace Electric; sign.
34 1156 Francisco; owner, J Honkonen; contractor, Moore Electric; 7 fixtures.
35 1230 Sixth; owner, Western Crane Service; contratcor, T L Rosenberg; 1 circuit; 1 motor.
36 926 Dwight; owner, Kawneer Manufacturing Co; contractor, T L Rosenberg; 2 motors.
37 1225A Monita; owner, E Skidmore; contractor, El Cerrito Electric; 5 fixtures.
38 1132 Ward; owner, J M Walker; contractor, El Cerrito Electric; 9 outlets; 9 switches; 15 plugs; 3 circuits.
39 1236 Russell; owner, Scott W Bonds; contractor, El Cerrito Electric; 9 outlets; 10 switches; 14 plugs; 3 circuits.

OAKLAND

34656 461 8th St; owner, C & W Trading Post; contractor, Jos Taloff; 1 switch; 6 fixtures.
34657 5301 Claremont Ave; owner, Hickman; contractor, College Ave Elec Co; alterations.
34658 5300 Claremont Ave; owner, Hickman; contractor, College Ave Elec Co; alterations.
34659 526 Filbert St; owner, Liotine; contractor, Shea Electric Co; alterations.
34660 8204 MacArthur Blvd; owner, Neilson; contractor, Shea Elec Co; fixtures.
34661 955 8th St; owner, Fuche; contractor, Shea Electric Co; alterations.
34662 595 15th Street; owner, E & F Novelty Co; contractor, Shea Elec Co; 2 fixtures.
34663 422 23rd St; owner, The Examiner; contractor, T L Rosenberg Co; alterations.
34664 SE 3rd and Adeline Streets; owner, Simplex Mfg Co; contractor, T L Rosenberg Co; motors.
34665 19th and Telegraph; owner, Art Brown; contractor, T L Rosenberg Co; 4 plugs.
34666 10222 E 14th St; owner, Universal Glass & Mirror Co; contractor, Western Neon Corp; sign.
34667 6697 Foothill Blvd; owner, Dees; contractor, Western Neon Corporation; sign.
34668 13th and Jefferson; owner, Golden; contractor Western Neon Corp; sign.
34669 1526 San Pablo Ave; owner, Nichols; contractor, Western Neon; sign.
34670 57 12th St; owner, Dodson; contractor, Western Neon Corp; sign.
34671 1721 E 14th St; owner, Tidy Didy; contractor, J T Grosso; motors.
34672 435 E 18th; owner, Joseph's; contractor, General Neon Lite Co; alterations.
34673 1576 7th St; owner, Peralta Liquor Store; contractor, J T Grosso; service.
34674 1014 Broadway; owner, Gordon; contractor, Electrical Products Corp; sign.
34675 NE Grand and Bellevue; owner, Craig Oil Co; contractor, Elec Prod Corp; sign.
34676 1935 Webster St; owner, Oakland School of Music; contractor, Electrical Prod Corp; sign.
34677 28th and Cypress; owner, Moore Equipment Co; contractor, Del Monte Electric Co; temp service.
34678 457 Capistrano Way; owner, Stolte, Inc; contractor, Del Monte Electric Co; 12 fixtures.
34679 1409 102nd Avenue; owner, Jacobson; contractor, R F Long Co; 3 outlets; 1 switch; 1 fixture; alter.

CHIEF SURVEYOR, exper. on triangulation, to plan and execute surveys and maps of oil concession. 24 months' contract. Salary $550 mo. and subsistence. South America. S-482. Newton D. Cook, 57 Post St., San Francisco.

Classified Advertising

WANTED

ARCHITECTURAL DRAFTSMAN. General exper. Salary open. Irvin Wm. Goldstine, Room 850, Pacific Bldg. Phone EXbrook 8946. (1/9-10-11-14-15/46)

Experienced architectural DRAFTSMAN out of city. If interested, housing available. Mayo & Johnson, 307 Exchange Bldg., Stockton. Phone Stockton 9-9359.

BUILDING CONTRACTOR wants contact with young ARCHITECT. Reply Box 110, c/o Daily Pacific Builder. 1/9-10-11-14, '46

PAINTING ESTIMATOR who is familiar with Painting Contractors. Must be good. Reply Larry's, 815 Greenwich St., S. F. Phone GR 4942. (1/8-9-10-11-14/46)

Exper. FOREMAN for Const. of STORES and OFFICES in San Francisco. Reply Box 17, c/o Daily Pacific Builder.

ARCHITECTURAL DRAFTSMAN wanted. Experienced. Conrich, 593 Market St., Room 226. SU. 6315 or SK. 8875. to Jan. 15, 1946

POSITION WANTED

TRANSITMAN, capable, general experience, wants work in any capacity. Reply Box 111, c/o Daily Pacific Builder. to Jan. 15, '46

CAPABLE GRADUATE ENGINEER, 35 years of age, with lots of push, wishes connection with Construction Contractor; 10 years' engineering experience in supervisory capacity. Small salary and bonus on production desired. Write your proposition to R. Baker, 203 N. 86th St., Wauwatosa, Wisconsin. Jan. 11-14-15, '46

CIVIL ENGINEER, graduate, veteran, desires position with contractor, estimating or field; 4 years exp. office engin. in hydraulics, highways and structural steel design. Reply Box 14, c/o Daily Pacific Builder. Jan. 4-7-8-9-10-11, '46

ESTIMATOR - GENERAL MANAGEMENT. State and Federal taxes. Contract Negotiation, etc. Reply Box 19, c/o Daily Pacific Builder. (1/9-10-11-14-15/46)

Official Proposals

Comfort Station, 37th District Agricultural Assn., Santa Maria, Cal.

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF ARCHITECTURE

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the Division of Architecture, Public Works Bldg., 12th and "N" Streets, Sacramento, California, up to 3:30 P. M., Tuesday, January 15, 1946, said bids thereafter on said day to be publicly opened and read for Comfort Station, 37th District Agricultural Association, Santa Maria, California, in accordance with plans and specifications therefor.

The work includes construction of a concrete and frame building of approximately 1200 sq. ft., together with a sewer line.

Prevailing Wage Scale: In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

	Hourly Rate
Carpenter	$1.50
Cement Finisher	1.625
Concrete Mixer Operator (paving type and mobile mixer)	1.65
Concrete Mixer Operator (Skip type)	1.425
Electrician	1.70
Iron Worker, Reinforcing Steel	1.625
Laborer	1.00
Lather, Metal	1.66-⅔
Painter	1.50
Plasterer	1.75
Plasterer's Tender	1.25
Plumber	1.50
Roofer	.43
Sheet Metal Worker	1.44
Trenching Machine Operator	1.625
Truck Driver, less than four cubic yards water level	1.075

Overtime: one and one-half times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal Officer or agency, insofar as th same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Apprentices may be employed provided they are properly indentured to the Contractor in full compliance with the provisions of Section 1777.5 of the Labor Code.

Plans and specifications for examination are on file in the Office of the Division of Architecture, Public Works Buildings, Sacramento, and Room 803 State Office Building, Los Angeles, and at the principal California Cities Builders' Exchange Offices.

Contractors who are desirous of securing plans, specifications and proposal forms for the purposes of preparing and submitting a proposal for this work may do so by requesting same in writing from the Division of Architecture, Public Works Building, Sacramento.

No bid will be accepted from a contractor who has not been licensed in accordance with the provisions of the Contractor's License Act or to whom a proposal has not been issued by the Department of Public Works.

No bid will be considered unless it is presented on a proposal form furnished by the Division of Architecture and accompanied by a bidder's bond, cash, a cashier's or certified check made payable to the Director of Public Works in the sum of at least ten per centum (10%) of the amount of the bid.

The Department of Public Works reserves the right to reject any or all bids and to waive any informality in any bid received.

No bidder may withdraw his bid for a period of thirty (30) days after the time set for opening thereof.

DEPARTMENT of PUBLIC WORKS
DIVISION OF ARCHITECTURE
ANSON BOYD
STATE ARCHITECT
(Daily Pacific Builder)
(Dec. 28, 1945; Jan. 4, 11, 1946)

Highways Improvements—Solano County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on January 23, 1946, at which time they will be publicly opened and read in the Assembly Room of said building, for constructing city street in accordance with the specifications therefor, to which special reference is made, as follows:

Solano County in the city of Vallejo, Waterfront Road, between Virginia Street and Santa Clara Street (X - Sol - Waterfront Road), about three-tenths (0.3) mile in length, to be graded and paved with asphalt concrete on crusher run base.

Bids are required on the entire work described herein.

This is a National Defense Contract Under the Defense Highway Act of 1941

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per Hour
Skilled Labor	
Asphalt plant mixer operator	$1.45
Asphalt spreading machine operator	1.75
Carpenter	1.50
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity)	1.70
Mechanical tamper and finisher operator (concrete or asphalt)	1.70
Motor grader operator	1.85
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	2.00
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.25
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (8 cubic yards water level capacity or more)	1.50
Truck driver (6 cubic yards and less than 8 cubic yards water level capacity)	1.25
Truck driver (4 cubic yards and less than 6 cubic yards water level capacity)	1.10
Intermediate Grade Labor	
Asphalt plant dryerman or fireman	1.40
Concrete vibrator operator	1.25
Jackhammer operator	1.25
Oil distributor bootman	1.00
Oiler, power shovels or cranes	1.40
Truck driver (less than 4 cubic yards water level capacity)	1.00
Unskilled Labor	
Flagman	1.00
Laborer	1.00

Positions not listed above will be allocated in accordance with the definitions which appear in the special provisions, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.10 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.00 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.00 per hour.

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposed to be done will be financed in whole or in part with Federal funds and that therefore all of the applicable Federal statutes, rules, and regulations will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifications regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications, regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposl Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (See said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated December 28, 1945.
(Daily Pacific Builder)
(Dec. 28, '45-Jan. 4-11, '46)

Highway Imp.—San Joaquin County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p. m. on January 23, 1946 at which time they will be publicly opened and read in the Assembly Room of said building for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

San Joaquin County, about six miles east of Tracy (X-SJ-5-B), two bridges to be constructed, one a steel beam span bridge on concrete pile bents across Paradise Cut and the other a reinforced concrete slab bridge on concrete pile bents across Paradise Cut overflow.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per Hour
Skilled Labor	
Carpenter	$1.375
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity)	1.70
Derrick operator	2.00
Operator of power shovel or other excavating equipment, shovel type controls (up to and including 1 cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over 1 cubic yard)	2.00
Painter (brush)	1.375
Pile driver hoistman or operator	1.85
Pile driver man	1.61
Reinforcing steel worker	1.50
Roller operator	1.65
Structural steel worker	1.75
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.4375
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.3125
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.25
Intermediate Grade Labor	
Concrete vibrator operator	1.25
Jackhammer operator	1.25
Oiler power shovels or cranes	1.25
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.0625
Truck driver (less than 4 cubic yards water level capacity)	0.90
Unskilled Labor	
Flagman	1.0625
Laborer	1.0625

Positions not listed above will be allocated in accordance with the definitions which appear in the special provisions, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.25 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.00 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.00 per hour.

Overtime: one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen): one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposed to be done will be financed in whole or in part with Federal funds and that therefore all of the applicable Federal statutes, rules, and regulations will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifications regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications, regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (See said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY
State Highway Engineer
Dated: December 28, 1945.
(Daily Pacific Builder)
(Dec. 28, 1945; Jan. 4, 11, 1946)

Erection of Ward Buildings for Infirm and Disturbed Females, Stockton State Hospital, Stockton, Calif.

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF ARCHITECTURE

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the Division of Architecture, Public Works Building, 12th and "N" Street, Sacramento, California, up to 2:00 P. M., Tuesday, January 29, 1946, said bids thereafter on said day to be publicly opened and read for the erection and completion of the Ward Buildings for Infirm Females and for Disturbed Females, Stockton State Hospital, Stockton, California, in accordance with plans and specifications therefor.

The Ward Buildings for Infirm Females and Disturbed Females consist of a one-story and two-story reinforced concrete buildings having a combined floor area of approximately 160,000 square feet with hollow tile partitions, steel sash, and clay shingle tile roof covering.

Separate bids only will be entertained for the following segregated parts of the work.

1. General Work.
2. Heating and Ventilating Work.
3. Plumbing Work.
4. Electrical Work.

Alternate bids will be required for the omission of certain work.

Prevailing Wage Scale: In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

	Hourly Rate
Asbestos Workers	$1.50
Bricklayers	1.75
Carpenters	1.50
Cement Finishers	1.50
Electric Workers	1.70
Glass Workers	1.25
Iron Workers, Architectural	1.60
Iron Workers, Reinforcing Steel	1.50
Laborers, Building	1.06¼
Lathers	1.75
Masons' Tenders	1.40
Painters (brush)	1.37½
Plasterers	1.75
Plasterers' Tenders	1.50
Plumbers	1.50
Roofers	1.37½
Sheet Metal Workers	1.50
Steam Fitters	1.50
Tile Setter	1.37½
Operator of Power Shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of Power Shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Tractor Driver	1.70
Truck Driver (8 cu. yds. water level capacity and less than 14 cubic yards)	1.25
Truck Driver (4 cu. yds. and less than 8 cu. yds. water level capacity)	1.06¼
Truck Driver (less than 4 cu. yds. water level capacity)	.90
Any classification omitted herein not less than	1.06¼

Overtime—One and one-half times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal Officer or agency, in so far as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal Order, whether higher or lower, shall control.

Apprentices may be employed provided they are properly indentured to the Contractor in full compliance with the provisions of Section 1777 5 of the Labor Code.

Plans and specifications for examination are on file in the Office of the Division of Architecture, Public Works Building, Sacramento, and Room 803 State Office Building, Los Angeles, and at the principal California Cities Builders' Exchange Offices.

Contractors who are desirous of securing plans, specifications and proposal forms for the purposes of preparing and submitting a proposal for this work may do so subject to certain conditions as hereinafter stated by requesting same in writing from the Division of Architecture, Public Works Building, Sacramento. Such request shall be accompanied by a deposit of Twenty Five ($25.00) dollars. Check shall be made payable to the Division of Architecture. Such deposit is required to guarantee the safe return in good condition of the plans and specifications to the Division of Architecture within 30 days after the date set for opening bids. Failure to so return the plans will cause forfeiture of the Deposit to the State.

Prequalification: Plans, specifications and proposal forms will only be issued to those contractors who are prequalified with the Department of Public Works by having filed a statement of experience and financial condition on a standard questionnaire form in accordance with the provisions of the State Contract Act. Such statement must have been filed and approved not more than one (1) year and not less than five (5) days previous to the date set for receiving and opening bids. Contractors may obtain standard questionnaire forms from the Division of Architecture.

No bid will be accepted from a contractor who has not been licensed in accordance with the provisions of the Contractor's License Act or to whom a proposal has not been issued by the Department of Public Works.

No bid will be considered unless it is presented on a proposal form furnished by the Division of Architecture and accompanied by a bidder's bond, cash, a cashier's or certified check made payable to the Director of Public Works in the sum of at least ten per centum (10%) of the amount of the bid.

The Department of Public Works reserves the right to reject any or all bids and to waive any informality in any bid received.

No bidder may withdraw his bid for a period of thirty (30) days after the time set for opening thereof.

DEPARTMENT of PUBLIC WORKS
DIVISION OF ARCHITECTURE
ANSON BOYD,
State Architect.
(Daily Pacific Builder)
(Jan. 4-11-18-25, 1946)

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PLANS and Speculations

Here are additional items of construction planned for the first six months of the year as announced by Supervising Engineer Frank A. Banks of Columbia Basin Project:

Headquarters Bldg. at Ephrata: A permanent office building will be built at Ephrata, county seat of Grant County, to accommodate an enlarged staff of Bureau of Reclamation employees who will plan and help supervise construction of the irrigation system.

Highway Relocation: Use of the Grand Coulee as a storage reservoir will necessitate abandonment of the secondary State highway now running along the Coulee floor. About 28 miles of new highway will be built at a higher elevation near the east wall of the Coulee and will follow a route complying with State Highway Department standards. The State will let contracts on the work and the Federal Government will pay a large portion of the construction costs representing the replacement of present facilities in kind. State officials have indicated that contracts will be let separately for different sections. A 1½-mile portion of the new route will involve exceedingly heavy rock work, the Bureau reports.

Banks said that some of the 1946 supplemental funds will be used for work at Grand Coulee Dam, including road relocation and the building of additional storage facilities and related structures.

oOo

Announcement that nine of ten PITTSBURG contractors have rejected a resource-pooling program, which would have produced 1500 houses in the Pittsburg area of critical housing shortage, came from Russell P. Catalina, builder and spokesman for the group, who said he alone remains willing to participate in the plan.

oOo

The SAN FRANCISCO Supervisor's Finance Committee, of which Chester MacPhee is Chairman, has adopted a resolution recommending that the city appropriate $37,500 toward survey costs to determine the need and possible location of a second Bay Bridge. Bridge authorities have agreed that the San Francisco - Oakland span has just about reached the traffic saturation point.

oOo

Indications that voters of NAPA will be presented with a bond issue to finance the sewage disposal plant and system by mid-summer were seen following an informal session of the Napa Sanitary District board of directors, at which Harry N. Jenks, consulting engineer, outlined progress on preparation of plans.

oOo

Complete Kitchen Installations to Be Handled by Most Appliance Dealers

Complete kitchen installations will be handled by 89 per cent of electric appliance dealers, according to figures released today. To secure information on postwar plans, 12,000 dealers were queried by Edison General Electric (Hotpoint) Appliance Company.

The survey was divided into four groups of questions concerned with: (1) the way dealers will display refrigerators, (2) attitute on trade-ins, (3) questions concerning home freezers, and (4) questions on "the type of store."

Figures tabulated up to December 15, representing more than 20 per cent of those receiving the survey, indicate that, while almost 90 percent of those answering "will install complete kitchens" for consumers, approximately one - half will "display complete operating kitchens" in their showrooms. According to Floyd M. Slasor, manager, refrigerator sales division, that change in merchandising technique is the greatest single new development in postwar refrigeration selling. Previously, realers sold refrigerators mainly from straight model selection displays, he said.

Almost 30 per cent of the dealers think that trade-ins will figure in less than 10 per cent of refrigeration transactions in immediate postwar; although, another question of prewar experience brought the response that 30 per cent of prewar sales includes trade-ins.

A surprising 45 per cent of those answering said that they would handle only one line of refrigerators, while at the other extreme, 13 dealers hopefully said that they would display nine different makes of refrigerators.

Saying that dealers are familiar with consumer thinking because of wartime close associations on service matters, Slasor asserted that he sought their opinions on the possible pattern of development of the market for home freezers. That question, bringing out that most dealers feel that home freezers have a limited appeal for city- and town-dwellers, headed a group of questions on that appliance.

Slasor pointed out that considerable new information developed by the survey was included in an approximate 1,000 "written - in" comments.

The 12,000 dealer list was selected from the 20,000 dealer mailing list receiving the company's home study course, "Planned Electrical Merchandising", before it was temporarily suspended with the August issue. Slasor said that the service would be resumed soon to Hotpoint franchised dealers.

The tabulated ballots indicate that more than 20 per cent of those receiving the questionnaire are opening new stores. A majority of those dealers will use "operating kitchen display."

The No. 1 question: "Which way will you sell", brought the response that 58 per cent will use the old-established "model selection" display method, in conjunction with a complete kitchen or "work-center" display, while only 25 per cent will depend entirely upon straight "model selection" displays. That duplication of figures indicates that some dealers will have "complete kitchens" on display, but will continue the use of a line of models to make their sales, Slasor said.

"We are going to give the closest study to the many constructive comments brought in by this survey; they mean that dealers are thinking for themselves, and that means a healthy condition in our industry," the Hotpoint official said adding, "we are pleased with the keen interest shown in complete kitchens. That means that the advice supplied by manufacturers and editors for the past several years has not been mis-directed. Most dealers are proceeding on good faith, but they are gaining an advantage, because competitive conditions will quickly bring out the greater profit opportunity of this type of display."

On the question concerning trade-ins, 1284 (53%) dealers said that they will be set up to "recondition" old models, while 625 said that they would not offer that service, and 413 did not answer to that question. Slasor said that the large number of "no answer" is a result of a "waiting attitude."

"Most dealers appear to feel that a straight, no trade-in policy is the best merchandising bet for immediate postwar selling. Many commented that present boxes were worn beyond the point of good "reconditioning for resale."

Noting that dealers are less optimistic than some others in the industry concerning the market for home freezers, Slasor said that they would perhaps see more opportunity in that appliance when food purveying concerns once established home delivery routes for frozen products. Noting that a small group of 22 dealers had marked the questionnaire that 75 per cent of all homes would buy the new devices, he said that his estimate was closer to 25 per cent.

ASH&VE TO HEAR TALK ON VESSEL DEHUMIDIFICATION

Lt. John Everetts, Jr., USNR, Bureau of Ships, Air Conditioning Section, Washington, D. C., will address the American Society of Heating and Ventilating Engineers at a meeting to be held Wednesday, January 16, 12:15 p. m., at the El Jardin, 22 California Street.

The subject of his talk will be "Dehumidification of Naval Vessels in the Reserve Fleet." Lt. Everetts, who is Chairman of the Sorbents Committee and a member of the Weather Design Committee of the ASH&VE, will tell how our reserve fleet is protected from internal corrosion, so the ships may be ready for service at all times.

Factory-Fitted Building Panel Will Be Displayed

Another new product of interest to the entire building industry, to be introduced at the National Association of Home Builders exhibit in Chicago, is the new Fenestra "4-in-1" factory-fitted building panel. These panels are box beams of sheet steel, joined securely to form a smooth floor surface above and a neat, smooth ceiling beneath, with duct space between for service facilities such as pipes and wires. Design of units provides flat panels of sheet metal complete with channel type ribs, assembled at the factory. There is a variety of types and considerable range of sizes.

Fenestra "4-in-1" building panels, used for flors of residences, will take the place of sub-flooring, ceiling, joist and bridging. These panels may be used for walls, partitions, and roofs (as well as floors) of virtually all types of buildings.

Installation is said to be quick and easy effecting considerable saving in construction time, and no special skill is required. The sections are uniform. They come to the job cut to specified lengths, ready to install. Fenestra building panels can be laid in single spans in small homes — and in larger houses extend from center beam to foundation or wall. They interlock in a tight fit—and have a smooth steel surface, ready for application of hardwood flooring, or plywood and carpet or linoleum. They provide a trim and attractive basement ceiling without need for plastering, and provision can be made for recessed lighting when required. The panels provide the extra strength and fire protection of steel between floors, where it is most important.

Some types of building panels will be filled with insulating material at the factory, and will provide soundproofed walls, partitions, floors or roofs. They may be used under either wood or concrete floors; will provide long span roof deck in 20 or 25 ft. lengths; and insulated wall and partition panels can be load bearing in some types of structures.

The floor of the Fenestra display at the NAHB exhibit will consist of Fenestra floor panels, with a section exposed for the inspection of contractors.

The display will also feature the new factor-fitted, three-way Fenestra residential window "package", that includes steel casement, storm sash and screen (with glass, wood casing, outside trim and hardware all provided as part of the package).

The display will be in charge of D. J. Carroll, Fenestra show manager.

WALTER KASSEBOHM WILL ADDRESS ASME MONTHLY LUNCHEON

The American Society of Mechanical Engineers will hear Walter Kassebohm, General Manager, Production Engineering Company, address their group on the subject of "Negative Rake Angle Metal Cutting" at a luncheon meeting scheduled for January 16, 12:10 p. m., El Jardin Restaurant, 22 California Street.

Mr. Kassebohm will give an analysis of the latest developments in negative rake angle metal cutting with particular emphasis on negative rake angle milling.

Reservations should be telephoned to Paul Konstan, EXbrook 5400, by 3 p. m. Tuesday.

Aluminum Locks In Production At Schlage Co.

Among the first postwar adaptations of aluminum to builders' hardware, the new line of Luster Sealed Aluminum locks is now in production at Schlage Lock Company, San Francisco. It has been announced that these locks will be available in limited quantities thru dealers, in January.

In the opinion of Schlage officials, this new development in aluminum finishing will open new fields for architectural application of aluminum. Luster Sealed locks can be installed anywhere with complete confidence in their ability to resist staining, tarnishing, and the corrosive effects of weathering. They retain indefinitely a distinctive Satin Silver appearance. They will be in harmony with the aluminum trim and accessories that are becoming popular in modern buildings.

The Schlage Luster Sealed process is an adaptation of the Alumilite process, developed by the Aluminum Company of America for producing extremely hard, corrosive resistant surfaces on aluminum. To achieve this corundum-hard finish, aluminum for lock trim is treated anodically in a suitable electrolyte so as to secure a dense, adherent coating of aluminum oxide.

Aluminum Lock

The process differs from electroplating in that the articles to be treated are attached electrically as anode rather than cathode in the electrolyte. In electroplating, metal is deposited on the article being coated, while in anodic treatment, oxygen is deposited instead of metal, combining with the aluminum to form aluminum oxide, integral with the surface of the metal.

In overcoming production obstacles to produce a lock that will not tarnish under any normal usage, the Schlage Lock Company has contributed a new lock finish to enhance the homes and buildings now to be built with materials improved or developed during the war years.

GROOVER AND I

JUNGLE DRUMS And SMOKE SIGNALS

As this is written there is considerable uncertainty regarding maintenance of wire communications during the next few days.

★ ★ ★

So, if this copy should fail to appear it means the teletype between Rancho Mesquite and the Builder office has gone haywire.

★ ★ ★

The old carrier - pigeon gag is worn out—besides, if I had a pigeon I would eat it.

★ ★ ★

Perhaps this is a good time to give the country back to the Indians - - let them use drums and smoke signals.

CONSTR. EQUIPMENT DISTRIBUTORS TO MEET JANUARY 14

The Construction Equipment Distributors Assn. will hold its regular monthly meeting Monday, January 14, 6:30 p. m., at St. Julian Cafe, 140 Battery St.

William E. White, Vice-President of the Anglo California National Bank, together with I. F. Barnett, Assistant Vice-President, will address the meeting on financial matters. Through the courtesy of the Shell Oil Co., a very interesting sound moving picture entitled "selling America", will be presented.

Reservations should be immediately telephoned to A. E. Mason, Secretary, at HEmlock 1610.

With all the mechanical household devices now in evidence, the woman who formerly studied home economics, will soon need an engineering degree to run her household.

National Oil Heat Exposition Slated for April

Early reservation of space for the National Oil Heat Exposition to be held in Philadelphia April 23 to 27, 1946, under the sponsorship of Oil-Heat Institute of America, New York, is advised by C. F. Curtin, exposition manager. In announcing the general opening of space, he said that already over 60 per cent of the booth space has been taken.

"OHI has reserved the largest exhibition floor in its history in the Commercial Museum; it will be the biggest show ever," Curtin said on behalf of the exposition committee. The committee comprises W. A. Matheson, president of OHI and vice president of Eureka Vacuum Cleaner Co. and manager of the William Oil-O-Matic Div., Bloomington, Ill.; William A. Kemp, manager, pump division, Sundstrand Machine Tool Co., Rockford, Ill.; Carl R. Jonswold, executive vice president, Arrow Petroleum Co., Chicago; and Fred C. Haab, director, distribution division, Oil-Heat Institute of America, Philadelphia, with John A. Morrison, managing director, the Electrical Association of Philadelphia, and A. E. Hess, managing director, OHI, ex-officio member.

First Exposition Since War

"This coming exposition — the first held since the war—will signalize the reconversion of the industry from the manufacture of war supplies which conspicuously aided the victory of the United Nations, to an enterprise which in furnishing automatic oil heating equipment is a vital contributor to the American way of life," Curtin said.

"The industry is entering an era of great expansion—a new day. Esptimated installations during the next five years of home oil heating equipment alone will double the two and one-half million units now in use and will represent a volume of 900 million dollars for equipment and fuel oil sales. Thus the exposition—and the concurrent Oil - Heat Institute Convention — comes at a very strategic time.

"Oil heat—the universal automatic heat which symbolizes modernization—must go forward hand in hand with these developments.

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ADVANCE CONSTRUCTION REPORTS

DAILY PACIFIC BUILDER
(Established 1890)
Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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4— FACTORIES AND WAREHOUSES

January 14, 1946

BIDS WANTED

EL TORO, Orange Co., Calif.—Until January 24, 11 A. M., bids will be received by the U. S. Navy, Public Works Department, 11th Naval District, 1220 Pacific Highway, San Diego, for furnishing materials and equipment and the installation of additional refrigeration equipment for cold storage building No. 24 at the Marine Corps Air Station, El Toro; Specification No. 17496. The work will include new refrigeration machinery and equipment, electrical work and the making of alterations to existing related work. Plans and specifications may be obtained from the above office upon deposit of check or postal money order for $10, payable to the Chief of Bureau of Yards and Docks. • 11

January 14, 1946

TO START CONSTRUCTION
COLD STORAGE PLANT Cost, $500,000
YUBA CITY, Sutter County, Calif.
Construction of a precooling and cold storage plant with a capacity in excess of 800,000 cu. ft.
Owner—Frostorage, Inc., 1300 Webster St., Oakland.
Architect—Frederick H. Reimers, 79 Post St., San Francisco.
Contractor—Lindgren & Swinerton, Inc., 615 Standard Oil Bldg., San Francisco. • • 4

January 11, 1946

CONTEMPLATED
MOULDING PLANT
OROVILLE, Butte County, Calif.
Construction of a woodworking plant about 30x80 feet.
Owner—H. W. Evans, Oroville.
Architect—Not announced. 4

6— GARAGES AND SERVICE STATIONS

January 14, 1946

PLANS BEING FIGURED—
BIDS OPEN JAN. 18, 3 P. M.
GARAGE & AUTO SALES BLDG.
BURLINGAME, San Mateo Co., Cal. California Drive.
Construction of one- and part two-story reinf. concrete garage and auto sales building.
Owner—James W McAllister, Inc., 1200 Van Ness Ave., San Francisco.
Architect—Sharps and Brown, 1477 Burlingame Ave., Burlingame.

Following contractors have taken out plans:

Parker, Steffens & Pearce, 135 So. Park, San Francisco.

MacDonald, Young & Nelson, 127 Montgomery St., San Francisco.

G. W. Williams Co., 10 California Drive Burlingame.

De Luca & Son, 1745 Filbert St., San Francisco. • • 6

January 11, 1946

PLANNED
GARAGE
PALO ALTO, Calif. High and Channing Sts.
Construction of commercial garage.
Owner—Richard Bullis, 1748 Green St., San Francisco.
Architect—Not announced. 6

7—FEDERAL BUILDINGS

January 14, 1946

CONTRACT AWARDED

SAN FRANCISCO.—Erbentraut & Summers, 446 6th St., at $10,863, was awarded contract by the Office of the Public Works Officer, U. S. Navy Yard, Mare Island, under NOy 12536, Spec. 16747, for the construction of two buildings, a receiver building, 12x14 ft., and a transmitter building, 12x26 ft., in plan dimensions, on Twin Peaks, San Francisco.

The work also includes grading for buildings and roads, sanitary sewer, water and electric service to points outside the buildings indicated on the drawings, together with connections to the building services. The work involved includes antenna cable racks and antenna poles; the installation of a 300-gallon capacity gasoline tank; earth work, paving, concrete construction, carpentry and joinery, roofing, glazing, finish hardware, sheet metal work, field painting, plastering, plumbing and electrical work. • 7

January 14, 1946

BIDS WANTED

SAN FRANCISCO.—Until Jan. 17, 2 P. M., bids will be received by the U. S. Treasury Dept., 30 Van Ness Ave., under Inv. SF-2739-46 for temporary alterations at 1540 Market St.

Specifications obtainable from the above office. • • 7

January 11, 1946

PREPARING PLANS
COUNTY HOSPITAL Cost, $40,000
DOWNIEVILLE, Sierra County, Cal. Royalton Street.
Construction of county hospital.
Owner—Sierra County, Court House, Downieville.
Architect—Geo. C. Sellon, California State Life Bldg., Sacramento. 9

January 14, 1946

BID OPENED

TWIN FALLS, Idaho.—Detweiler Bros., Inc., Twin Falls, Idaho, at $3,597.19 submitted only bid to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for new water piping at the U. S. Post Office, Twin Falls, Idaho. • 7

January 14, 1946

CONTRACT AWARDED

SAN FRANCISCO.—Pacific Elevator & Equipment Co., 45 Rausch St., at $460 awarded contract by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for alterations to elevator hoistway doors, U. S. Post Office and Courthouse, San Francisco. • 7

January 14, 1946

CONTRACT AWARDED

WEISER, Idaho.—R. A. Newman, McMinnville, Ore., at $485 awarded contract by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for waterproofing coping and parapet walls, etc., U. S. Post Office, Weiser, Idaho. • 7

January 14, 1946

CONTRACT AWARDED

SAN FRANCISCO.—Adam Arras & Son, 116 New Montgomery Street, at $6666 awarded contract by the District Engineer, Federal Works Agcy., Public Buildings Administration, 838 U. S. Appraiser's Bldg., for new toilets, etc., at the U. S. Post Office, Rincon Annex, San Francisco. • 7

9— HOSPITALS

January 11, 1946

PREPARING PLANS
COUNTY HOSPITAL Cost, $200,000
JACKSON, Amador County, Calif.
Construction of county hospital.
Owner — County of Amador, Court House, Jackson
Architect—Geo. C. Sellon, California State Life Bldg., Sacramento. 9

10— HOTELS

January 11, 1946

CONTEMPLATED
REMODEL HOTEL
SANTA CRUZ, Calif. Younger Way and Third St. on Beach Hill.
Modernization of Chamberlin Hotel.
Owner—William Kern, 114A Dakota St., Santa Cruz.
Architect—Not announced. 9

13— PUBLIC BLDGS. FIRE HOUSES, JAILS

January 14, 1946

PLANS PREPARED
MEMORIAL BLDG. Cost, $150,000
MADERA, Madera Co., Calif.
Construction of memorial bldg. containing clubroom, bowling alley, rifle range, youth center, etc.
Owner—County of Madera, County Clerk, Court House Madera.
Architect — David H. Horn, Rowell Bldg., Fresno. 13

January 14, 1946

PLANS PREPARED
MEMORIAL BLDG. Cost, $150,000
CHOWCHILLA, Madera Co., Calif.
Construction of memorial building to contain auditorium, stage, and dressing rooms, banquet hall, kitchen and meeting halls.
Owner—County of Madera, County Clerk, Court House, Madera.
Architect — David H. Horn, Rowell Bldg., Fresno. 13

January 11, 1946

PLANNED
MUNICIPAL UTILITY BUILDING Cost, $51,500
GRIDLEY, Butte County, Calif.
Construction of municipal utility building.
Owner—City of Gridley, City Hall, Gridley.
Architect — E. Geoffrey Bangs, 605 Market St., San Francisco. 13

January 11, 1946

PREPARING PLANS
COURT HOUSE Cost, $120,000
DOWNIEVILLE, Sierra County, Cal.
Construction of county court house.
Architect—Geo. C. Sellon, California State Life Bldg., Sacramento. 9
Owner—Sierra County, Court House, Downieville.
13

January 11, 1946

PREPARING PLANS
COURT HOUSE Cost, $150,000
SAN ANDREAS, Calaveras Co., Cal.
Construction of county court house building.
Owner—County of Calaveras, Court House, San Andreas.
Architect—E. Geoffrey Bangs, 605 Market St., San Francisco. 13

January 11, 1946

PREPARING PLANS
CITY HALL ADDN. Cost, $27,000
COALINGA, Fresno County, Calif.
Addition to city hall.
Owner—City of Coalinga, Coalinga.
Architect—Frederick L. Swartz, Rowell Bldg., Fresno. 13

January 11, 1946

PLANS COMPLETED
PUBLIC REST ROOMS Cost, $6,000
COALINGA, Fresno County, Calif.
Construction of public rest rooms and bandstand.
Architect—Charles F. Dean, Califor- Coalinga.
Architect—Frederick L. Swartz, Rowell Bldg., Fresno. 13

January 11, 1946

PREPARING PLANS
COURTHOUSE ADDN. Cost, $200,000
REDDING, Shasta County, Calif.
Construction of addition to courthouse.
Owner — County of Shasta, Courthouse, Redding.
Architect — E. Geoffrey Bangs, 605 Market St., San Francisco. 13

January 11, 1946

PREPARING PLANS
COURTHOUSE ADDITION Cost, $330,000
MADERA, Madera County, Calif.
Construction of courthouse addition and remodel present building.
Owner — County of Madera, county clerk, Courthouse, Madera.
Architect—David H. Horn, Rowell Bldg., Fresno. 13

January 14, 1946

PREPARING PLANS
COURTHOUSE Cost, $263,928
UKIAH, Mendocino County, Calif.
Construction of new reinforced concrete county jail and courthouse.
Owner—County of Mendocino, H. M. Burke, county clerk, Courthouse, Ukiah.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa. 13

January 14, 1946

BIDS WANTED

SAN FRANCISCO.—Until January 16, 1:45 P. M., bids will be received by the Department of Public Works, Room 282 City Hall, for removing present roof over kitchen and replacing with tar and gravel at No. 28 Engine, 380 Division St.

Specifications obtainable from the office of Superintendent of Buildings R. A. Chisholm, 490 11th St. • 13

January 14, 1946

BIDS WANTED

SAN FRANCISCO.—Until January 16, 1:45 P. M., bids will be received by the Department of Public Works, Room 228 City Hall, for repairing tar and gravel roof at the Civic Auditorium.

Specifications obtainable from the office of Superintendent of Buildings R. A. Chisholm, 490 11th St. • 13

January 14, 1946

BIDS WANTED

SAN FRANCISCO.—Until January 30, 2:30 P. M., bids will be received by the Department of Public Works, Room 282 City Hall, for alterations to Harbor Emergency Hospital, north side of Sacramento St. and east of Drumm St.

Plans and specifications obtainable from the office of City Architect Dodge A. Riedy, Room 265 City Hall, upon deposit of $5. • 13

14— RESIDENCES

January 11, 1946

PLANNED
RESIDENCES
PALO ALTO, Calif. Santa Rita and Seale Aves., Byron St. and Middlefield Rd.
Construction of residences.
Owner — Ronald H. Williams, Los Altos.
Architect—Not announced. 14

January 11, 1946

PLANNED
RESIDENCE HALL
LOS ALTOS, Calif. El Retiro.
Construction of a new residence hall to provide 15 rooms, each with bath.
Owner—El Retiro, co Rev. Wm. I. Rice, S. J., El Retiro, Los Altos.
Architect—Not announced. 14

15— SCHOOLS

January 14, 1946

PREPARING PLANS
HIGH SCHOOL PLANT Cost $700,000
DOS PALOS, Merced County, Calif.
Construction of new high school plant containing classrooms, administration bldg., laboratories, shops, gymnasium, ahtletic field, etc.
Owner—Dos Palos Joint Union High School District, Dos Palos.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco.

As previously reported in the January 3rd issue of DAILY PACIFIC BUILDER, bids are now being asked for construction of the cafeteria building, bids to be opened January 28, 8 P. M. • 15

January 14, 1946

PREPARING PLANS
SCHOOL ADDITIONS Cost, $239,000
REEDLEY, Fresno County, Calif.
Construction of auto instruction and transportation building, science building, bleachers, etc.
Owner—Reedley Joint Union High School and Reedley Junior College, Reedley.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco. 15

January 14, 1946

PREPARING PLANS
PRIMARY SCHOOL Cost, $202,000
DELANO, Kern County, Calif. 20th and Norwalk.
Construction of primary school containing 11 classrooms, cafeteria, auditorium, office, etc.
Owner — Delano Union Elementary School District, Box 756, Delano.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco. 15

January 14, 1946

PREPARING PLANS
SCHOOL BUILDING Cost, $217,000
DELANO, Kern County, Calif. Sixth and Clinton Sts.
Construction of school building to contain 11 classrooms, cafeteria and auditorium, office and storeroom.
Owner — Delano Union Elementary School District, Box 756, Delano.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco. 15

January 14, 1946

PREPARING PLANS
SCHOOL BUILDING Cost, $264,000
SACRAMENTO, Calif. Edison and Watts Aves.
Construction of school building.
Owner—Arcade School District, Sacramento.
Architect—Gordon Stafford, 806 Kay St., Sacramento. 15

January 14, 1946

PLANS COMPLETED
SCHOOL BUILDING Cost, $260,000
SACRAMENTO, Calif.
Construction of school building.
Owner — North Sacramento School District, 110 Dixieanne Ave., Sacramento.
Architect—George C. Sellon, California State Life Bldg., Sacramento. 15

January 14, 1946

PREPARING PLANS
SCHOOL EXPANSION Cost $382,000
COALINGA, Fresno County, Calif.
Construction of reinforced concrete school addition, consisting of three separate units; four classrooms, a kindergarten building and a cafeteria, for which bids will be asked separately.
Owner—Coalinga Elementary School District, Coalinga.
Architect—W. D. Coates, 704 Helm Bldg., Fresno. • 15

January 14, 1946

PREPARING PLANS
HIGH SCHOOL Cost, $525,000
BARSTOW, San Bernardino County, Calif. First and Bigger Sts.
Construction of high school plant.
Owner—Barstow Union High School District, Barstow.
Architect—Ernest J. Kump Co., 251 eKarny St., San Francisco. 15

January 14, 1946

PREPARING PLANS
JUNIOR HIGH SCHOOL, ETC. Cost, $424,000
ANTIOCH, Contra Costa Co., Calif. Calif.
Construction of new elementary school, addition to high school and junior high school.
Owner — Antioch-Live Oak Unified School District, 1500 D St., Antioch.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco. 15

January 11, 1946

PREPARING PLANS
GYMNASIUM, ETC. Cost, $150,000
KING CITY, Monterey Co., Calif. King City High School.
Construction of boys' and girls' gymnasium, of stucco and wood siding with structural steel frame; repair present shop buildings, football field, track and bleachers.
Owner—King City Union High School District, King City.
Architect—Charles E. Butner, 7 Winham St., Salinas. 15

January 14, 1946

PROSPECTIVE BIDDERS
SCHOOL BUILDING
DOS PALOS, Merced County, Calif.
Construction of prefabricated cafeteria building at the high school.
Owner—Dos Palos Joint Union High School District, Dos Palos.
Architect—E. J. Kump Co., 251 Kearny Street, San Francisco.

Plans and specifications may be obtained from the office of the architect or from the principal at the high school upon deposit of $25.00.

As previously reported, bids will be opened January 28, 8 P. M.

Following contractors have taken out plans:

Standard Engrg. Corp., 28 Francisco Blvd., San Rafael. • 15

January 14, 1946

PREPARING PLANS
SCHOOL BUILDING Cost, $60,000
REDDING, Shasta County, Calif.
Construction of new parochial school building.
Owner — St. Joseph's Church, Rev. Father Alphonsus T. Gavin, parish pastor, Redding.
Architect—Harry J. Devine, Cronan Bldg., Sacramento.

No site has been selected for this project, which has the approval of Rt. Rev. Robert Armstrong, bishop of the Sacramento diocese. • 15

January 11, 1946

PREPARING PLANS
HIGH SCHOOL BUILDING Cost, $180,000
GRIDLEY, Butte Co., Calif. Gridley High School, corner Vermont and Sycamore Sts.
Construction of 1-story school building to replace structure destroyed by fire on July 4, 1942, including a new auditorium.
Owner—Gridley Union High School District, Gridley.
Architect—Charles F. Dean, California State Life Bldg., Sacramento. • 15

January 11, 1946

PREPARING PLANS
GYMNASIUM BLDG. Cost, $60,000
JACKSON, Amador County, Calif. Jackson High School.
Construction of frame and stucco gymnasium building.
Owner—Jackson Union High School District, Jackson.
Architect—Charles F. Dean, California State Life Bldg., Sacramento. 15

January 11, 1946

PREPARING PLANS
SCHOOL BLDG. Cost, $26,000
GEORGETOWN. El Dorado Co., Cal.
Construction of elementary school building, containing two classrooms.
Owner — Georgetown Elem. School District, Georgetown.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento. 15

January 11, 1946

PLANS COMPLETED
SCHOOL ADDITION Cost, $10,900
ROSEVILLE, Sacramento Co., Calif.
Construction of classroom addn., etc.
Owner — Sylvan Elementary School District, Roseville.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento. 15

January 11, 1946

PLANS COMPLETED
SCHOOL BLDG. Cost, $119,000
SACRAMENTO, Calif. Eighth and W Sts., and 16th and N Sts.
Construction of 10-room school bldg.
Owner—Sacramento City Unified Sch. District, Sacramento.
Architects—Chas. F. Dean, California State Life Bldg., and Leonard F. Starks, 416 Native Sons Bldg., Sacramento. 15

January 11, 1946

PREPARING PLANS
SCHOOL BLDG Cost, $343,250
RIO VISTA, Solano Co., Calif Bruning Ave. bet. 4th and 7th Sts.
Construction of school building.
Owner—Rio Vista Joint Union High School District, Rio Vista.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento. 15

January 11, 1946

PREPARING PLANS
SCHOOL BLDG. Cost, $214,000
MARYSVILLE, Yuba County, Calif.
Construction of junior college, cafeteria, home economics building, swimming pool and womens' gym.
Owner—Marysville Un. High School District, Marysville.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento. 15

January 11, 1946

PROPOSED

SACRAMENTO, Calif.—The $154,000,000 five-year program for state postwar building construction, as proposed to the legislature this week by Governor Warren, includes the following projects:

Universit yof California at Los Angeles — Approximately $10,819,000 for various buildings, including libraries, gymnasiums, science and engineering units. (This is in addition to a previously announced proposal for medical school units at UCLA to cost $12,055,000.)

University of California at Los Anbara — Library and administration, $400,000; classrooms, $400,000; gymnasiums, $466,000; sciences, $734,000.

La Jolla—Oceanography Division of the University—Pier repairs and rehabilitation, $100,000; library, museum and aquarium, $167,000; seawall, $34,000; utilities expansion and roads, $34,000.

The University's College of Agriculture at Davis—Veterinary science unit No. 2, $670,000; plant sciences, $670,000; soils and irrigation, $400,000; poultry husbandry, $335,000; utilities expansion and roads, $147,000; student health center, $200,000; home economics, $670,000, and food technology, $670,000.

The University's Riverside Citrus Division—Plant pathology and physiology, $400,000; heating plant, $80,000. 15

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Ward Buildings Stockton State Hospital	Stockton	1-29

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Tamalpais Motor Sales Bldg., Mill Valley; Bids open Jan. 14, 4 P. M.
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Younger Constr. Co., 575 Mission St., San Francisco (SUtter 8266).
D. S. Clinton, 3 Coronet Ave., Mill Valley (Mill Valley 337).

Bldgs., Services, Reserve Fleet Berthing, Mare Island; NOy 13295; Spec. 17459; Bids open January 14, 11 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
Peter Kiewit Sons Co., 441 Post St., San Francisco (EXbrook 5736).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).

Ward Bldgs., Stockton State Hosp., Stockton; Bids open Jan. 29, 2:00 P. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Market and Store Bldg., Mill Valley; Bids open January 14, 4 P. M.
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Younger Constr. Co., 575 Mission St., San Francisco (SUtter 8266).

Peninsula Ave. Overcrossing, San Mateo; Bids close Jan. 16, 2 P. M.
M. & K. Corp., 200 Financial Center Bldg., S. F. (Ebrook 7624).
Robt. McCarthy Co., 1050 Kirkham St., S. F. (OVerland 4050).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
Carl N Swenson Co., 355 Stockton Ave., San Jose 4 (BAllard 2602).
S. J. Amoroso Constr. Co., 2109 Oakdale Ave., S. F. (MIssion 1490).
Harry J. Oser and Joe Gerrick & Co., 1119 Hobart Bldg., S. F. (DO 5175)

Danforth Building, Oakland; Bids open January 21.
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).
Shaul Constr. Co., 1630 Webster St., Oakland (GLencourt 7400).

Alter Continental Bakery, San Francisco; Bids open January 15, 3 P. M.
G. P. W. Jensen & Sons, 320 Market St., S. F. (GArfield 2444).
Jacks & Irvine, 620 Market Street, San Francisco (GArfield 2106).
R. A. Cullen, 478 Jackson Street, San Francisco (SUtter 1951).
H. S. Meinberger, 956 Folsom St., San Francisco (EXbrook 9857).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
A. Nelson, Inc., 242 Ocean Ave, San Francisco (DElaware 0677).

Conversion Bldg., No. 401, S. F. Naval Shipyard, San Francisco; Bids open January 31, 11 A. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).

Exterior Alterations, Southern Pacific Hospital, San Francisco; Bids open January 21, Noon.
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).

Two Bridges, San Joaquin County; Bids close January 23, 2 P. M.
Carl N Swenson Co., 355 Stockton Ave., San Jose 4 (BAllard 2602).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Laboratory Bldg., Moffett Field; Bids close January 30, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).

Alter Loft Bldg., 1244 Larkin St., San Francisco; Bids open Jan. 17, 1:30 PM
Henry Artan, 4142 Geary Blvd., San Francisco (BAyview 5797).

Warehouse, 8th and Ohio, Richmond; Bids open January 25, 10 A. M.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).

Nursery and Residence, Valencia St., S. F.; Bids open Jan. 24, 1 P. M.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).

Theater, Garfield Bldg., Market St., S. F.; Bids open January 15.
A. J. Hopper Co., 243 Langton St, San Francisco (MArket 7070).

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ADVANCE CONSTRUCTION REPORTS

January 11, 1946
PLANS COMPLETED
SCHOOL BUILDING Cost, $36,400
MADERA, Calif. Washington School.
Construction of school building.
Owner—Madera School District, Madera.
Architect—Frederick L. Swartz, 623 Rowell Bldg., Fresno. 15

January 11, 1946
PREPARING PLANS
SCHOOL BUILDING Cost, $193,500
PORTERVILLE, Tulare Co., Calif.
Construction of school building.
Owner—Porterville Elementary School District, Porterville.
Architect—W. D. Coates, 704 Helm Bldg., Fresno. 15

January 11, 1946
PREPARING PLANS
SCHOOL BUILDING Cost, $30,000
McARTHUR, Shasta County, Calif.
Construction of Indian arts shop building.
Owner—Fall River Joint Union High School, McArthur.
Architect—Charles F. Dean, California State Life Bldg., Sacramento. 15

January 11, 1946
PREPARING PLANS
SHOP BUILDING Cost, $50,000
REDDING, Shasta County, Calif.
Construction of garage and maintenance shop.
Owner—Shasta Union High School District, Redding.
Architect—Chrales F. Dean, California State Life Bldg., Sacramento. 15

January 11, 1946
PREPARING PLANS
SCHOOL BUILDING Cost, $35,000
SACRAMENTO, Calif. Carmichael St.
Construction of 6-room school building.
Owner — Carmichael Elementary School District, Route 5, Box 6063, Sacramento.
Architect—Charles F. Dean, California State Life Bldg., Sacramento. 15

January 11, 1946
PREPARING PLANS
SCHOOL ADDITION Cost, $36,000
SACRAMENTO COUNTY, Calif.
Construction of school addition, including four classrooms, auditorium and cafeteria.
Owner — Robla Elementary School District, Rt. 1, Del Paso Heights.
Architect—Charles F. Dean, California State Life Bldg., Sacramento. 15

January 11, 1946
PLANS COMPLETED
SCHOOL Cost, $7,000
CHALLENGE, Yuba County, Calif.
Construction of 2-room school building.
Owner—Challenge Elementary School District, Challenge.
Architect—Charles F. Dean, California State Life Bldg., Sacramento. 15

January 11, 1946
PREPARING PLANS
SCHOOL ADDITION Cost, $9,500
OLIVEHURST, Yuba County, Calif. Ella School.
Construction of school addition.
Owner—Ella Elementary School District, Olivehurst.
Architect—Charles F. Dean, California State Life Bldg., Sacramento. 15

January 11, 1946
PREPARING PLANS
SCHOOL BUILDING Cost, $150,000
REDDING, Shasta County, Calif.
Construction of new school building to contain 10 classrooms, cafeteria, gymnasium and auditorium.
Owner—Redding Elementary School District, Redding.
Architect—J. Clarence Felciano, 4010 Montecito Ave., Santa Rosa. 15

January 11, 1946
PREPARING PLANS
SCHOOL BUILDING Cost, $570,000
LOS ALTO, Santa Clara Co., Calif. San Antonio Rd. and Hillview Ave.
Construction of school building.
Owner—Los Altos Elementary School District, Box 188, Los Altos.
Structural Engineers—Ellison & King, 500 Sansome St., San Francisco. 15

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January 11, 1946
PREPARING PLANS
HIGH SCHOOL BUILDING Cost, $170,000
FERNDALE, Humobldt Co., Calif.
Construction of new main high school building.
Owner—Ferndale Union High School District, Ferndale.
Architect—Frank T. Georgeson, 537 G St., Eureka. 15

16— BANKS, STORES AND OFFICES

January 11, 1946
PLANNED
OFFICE BUILDING
SAN MATEO, Calif. El Camino Real and Crystal Springs Rd.
Construction of 1-story office building for three 20-foot offices.
Owners—Jerome Draper & Co., 257 Primrose Rd., Burlingame; Ernest Wilson, 307 B St., San Mateo, and James McDonald III, 1335 Brandt Rd., Hillsborough.
Architect—Not announced. 16

January 11, 1946
FIRE LOSS

YOLO, Calif.—Fire recently destroyed the historic Cacheville school house and Masonic hall, with loss estimated to be between $15,000 and $20,000.

January 11, 1946
PLANNED
STORE BUILDINGS
PALO ALTO, Calif. High St. and Homer Ave.
Construction of modern store structures.
Owners—W. D. Wasson, 161 University Ave., and Raymond Aker, Palo Alto.
Architect—Not announced. 16

January 11, 1946
PLANNED
COMMERCIAL BUILDING
PALO ALTO Calif. California Ave.
Construction of new commercial building.
Owner—Pine & Co.
Architect—Not announced. 16

January 14, 1946
PREPARING PLANS
OFFICE BLDG.
RENO, Washoe Co., Nev. SW Cor. Virginia and 2nd Sts.
Construction of five-story Class A store and office building, air conditioning, etc.
Owner—Stack Estate and Elizabeth Stack, Geo. B. Thatcher, business manager, 206 N Virginia Street, Reno.
Architects—DeLongchamps and O'-Brien, Gazette Bldg., Reno.

Present two-story building on the site will be razed. 16

January 14, 1946
PLANNED
SHOPPING CENTER Cost, $500,000
BURLINGAME, San Mateo Co., Cal.
Construction of shopping center including at least 20 stores.
Owner—St. Francis Investment Co., Fred Whitman, Secretary, Shreve Bldg., San Francisco.
Architect—Not Announced. • 16

January 14, 1946
BIDS IN—UNDER ADVISEMENT
REMODEL STORE BUILDING
SAN FRANCISCO. Grant Ave. at Maiden Lane.
Remodel store building to provide modern three-story building (69x 85 ft.) for women's apparel and containing 26,500 feet of floor space divided into semi-enclosed shops; fluorescent and incandescent lighting.
Owner — Hale Bros., Marshal Hale, Jr., president, 5th and Market Sts.
Architect — William G. Merchant, 57 Post St.

Bids are in and being held under advisement. Announcement shortly. • 16

January 14, 1946
BIDS OPENED
ADDITION
SAN FRANCISCO. Administration Bldg., Golden Gate Bridge.
Alterations and one-floor addition over portion of present building.
Owner—Board of Directors, Golden Gate Bridge and Highway District, c/o James Ricketts, general manager.
Structural Engineer—L. H. Nishkian, 1045 Sansome St.

Complete bids follow:

R. A. Cullen, 478 Jackson St., San Francisco, $37,948, (alt. proposal) $38,926.

Empire Construction Co., Ltd., 344 Harriet St., San Francisco, $38,880, (alt.) deduct $300.

Adam Arras & Son, San Francisco, $38,664, no alternate.

MacDonald, Young & Nelson, San Francisco, $41,870, (alt.) deduct $215.

H. H. Larsen Co., San Francisco, $41,873, (alt.) deduct $300.

M. & K. Corp., San Francisco, $45,340, (alt.) add $250.

Midstate Construction Co., San Francisco, $45,707, (alt.) add $326.

Moore & Roberts, San Francisco, $48,200, (alt.) add $222.

Bids have been referred to the engineer for study and he will report to the board January 25. • 16

17— THEATERS

January 14, 1946
PLANS BEING FIGURED—BIDS OPEN JANUARY 15
THEATER
SAN FRANCISCO. Garfield Bldg., Market St.
Alterations to provide theater.
Owner—Robert L. Lippert Theaters, 1069 Market St.
Architects — Vincent G. Raney, 233 Post St., San Francisco.

Plans are being figured by a selected list of contractors. • 17

18—WHARVES & DOCKS

January 14, 1946
TO ASK BIDS SHORTLY
DOCK AND FLOAT Cost, $21,500
SOUTH BEND, Wash.
Construction of dock and float for fishing boats.
Owner—Willapa Harbor Port Commission, South Bend, Wash.
Engineer—Robert C. Mills. • 18

19—MISC. CONSTRUCTION

January 14, 1946
NOTICE OF SALE

WASHINGTON, D. C.—Until Jan. 23 bids will be received by the Maritime Commission, Commerce Bldg., Washington, D. C., for the sale of 51 steel and wooden barges, various locations. Prospective bidders may obtain copies of the invitations for bids upon application to the Maritime Officials as follows:

Edmond J. Moran, Maritime Commission, Washington 25, D. C.; Atlantic Director, 45 Broadway, New York, N. Y.; Port Agent, Delaware and Oregon Aves., Philadelphia 48, Pa.; District Manager, 22 Light St., Baltimore, Md.; District Manager, 12th St. and Monticello Ave., Norfolk 10, Va.; Port Agent, Graham Bldg., Jacksonville 2, Fla.; Regional Director, 310 S. Michigan Ave., Chicago 4, Ill.; Port Aagent, Federal Bldg., Mobile 10, Ala.; Gulf Coast Director, Canal Bldg., New Orleans 12, La.; Port Captain, Federal Office Bldg., New Orleans 12, La.; Acting District Manager, 220 Bush St., San Francisco 4, Calif.; Assistant Pacific Coast Director, Cabrillo Theater Bldg., San Pedro, Calif.; Acting Director, North Pacific Division, 1488 Dexter Horton Bldg., Seattle 4, Wash. • 19

January 11, 1946
BIDS WANTED

SANDPOINT, Idaho.—Until January 22, 11 A. M., bids will be received by Northern Idaho Rural Electrification Rehabilitation Assn., Sandpoint, Idaho, for approximately 163 miles of power line in Bonner and Boundary counties.

Plans prepared by Consulting Engineering H. A. Sewell, Newport, Wash., and may be obtained upon deposit of $25 from owner. 19

January 14, 1946
BIDS WANTED

BAKERSFIELD, Kern Co. Calif.—Until Thursday Jan. 31 bids will be received ofr a washing and cooling system to be installed in the Brower Bldg., 19th and L Streets, Bakersfield, for Wm. J. Smith, 203 Brower Bldg. Plans and specifications may be obtained from the owner or the Chemical Engineers office, 414 Brower Bldg., Bakersfield. 19

20— MISC. SUPPLIES AND MATERIALS

January 14, 1946
CONTRACT AWARDED

TUCUMCARI, N. M. — Universal Atlas Cement Co., Kansas City, Kan., at $41,250, awarded contract by the Bureau of Reclamation, Denver, Colo., for 15,000 bbls. modified portland cement, f.o.b. (a) cars at shipping point, (b) at Tucumcari, N. M., Conchas Canal Project; Invitation No. A-32,-965-A. • 20

January 14, 1946
CONTRACT AWARDED

KINGMAN, Ariz.—Monolith Portland Cement Co., Los Angeles, Calif., at $25,876.08, awarded contract by the U. S. Bureau of Reclamation, office of director of finance, Custom House, Denver 2, Colo., under Inv. No. 7203-A for 12,000 bbls. modified portland cement in paper sacks, f.o.b. shipping point and/or Kingman, Ariz. • 20

January 14, 1946
BIDS WANTED

DALY CITY, San Mateo Co., Cal. —Until Jan. 18, bids will be received by the Board of School Trustees of the Jefferson School District, E. E. Rowley, Clerk, 344 Santa Barbara Ave., Daly City 25, for furnishing one No. 1250 Multigraph Duplicator with auxiliary vibrator roller, extra suection foot and quick change clamps with hook bars.

Specifications obtainable from the above office. • 20

January 14, 1946
BIDS WANTED

SAN FRANCISCO.—Until Jan. 25, 2 P M., bids will be received by the U. S. Treasury Dept., 30 Van Ness Ave., under Inv. No. SF-2723-46, for furnishing Manila rope fob San Francisco.

Specifications obtainable from the above office. • 20

January 11, 1946
BIDS OPENED

SAN MATEO, Calif.—The following submitted bids to the City of San Mateo, City Hall, San Mateo, for gasoline, high and low grade gas, respectively:

Seaside, $.1322 and $.1122.
Standard, $.1325 and $.1125.
General Petroleum, $.1225 and $.1075.
Shell Oil, $.14 and $.13.
Richfield, $.118 and $.108.
Associated Oil, $.13 and $.11½.
Union Oil, $.14, and $.12.
Mission Oil, $.134 and $.114.
Wilshire Oil, $.1240 and $.1040.
Mohawk, $.10 and $.08. • 20

January 14, 1946
BIDS OPENED

SAN FRANCISCO—Following submitted bids to M. H. Gerry, Purchaser of Supplies, 270 City Hall, under Bid No. 3448 for furnishing and delivering brake blocks for the Municipal Railway:
received for a washing and cooling $5.74; Alt., $6.66; 2% 10th prox; net 30 days; 6 weeks delivery.

Colyear Motor Sales, (1) $2.42; (2) $3.27; 2% 30 days; approx. one-third to be delivered immediately; balance 30 days.

Brunton's Automotive Service, (1) $4.50; (2) $6.14; 2% 10th prox.; 16 days delivery.

Pacific Automotive Co., (1) $4.78; (2) $6.52; 2% 10 days; 30-60 days delivery. • • 20

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Dredging, Harbor Works and Excavation 22
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Street Lighting System 24
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Streets and Highways 29
Reservoirs and Dams 30
Pipe Lines and Wells 31
Sewers and Sewage Disposal Plants 32
Waterworks 33
Parks and Playgrounds 34
Tunnels 35

21— BRIDGES

January 11, 1946
PREPARING PLANS

YREKA, Siskiyou Co., Calif.—Engineer Albert Parrott, Yreka, is preparing plans for the city of Mount Shasta, Calif., for construction of a street crossing over S.P.R.R.; estimated cost, $2000. 21

23— CANALS

January 14, 1946
BID OPENED

MODESTO, Stanislaus Co., Calif.—Stanislaus Concrete Products Co., Box 972, Modesto, at $17,749, submitted low bid to the Modesto Irrigation District, Modesto, for construction in Improvement District No. 153. • 23

January 14, 1946
CONTRACT AWARDED

CENTRAL VALLEY PROJECT.—George Pollock Co., Box 903, Sacramento, at $207,500 awarded contract by the U. S. Bureau of Reclamation, Friant, Calif., under Spec. 1821-D for preparation of concrete aggregates Friant-Kern Canal, Friant Division, Central Valley Project. The work is situated near Friant. • 23

25—MACHINERY AND EQUIPMENT

January 14, 1946
BIDS WANTED

WASHINGTON, D. C.—Until January 15, 2 P. M., bids will be received by the Veterans' Administration, Veterans' Administration Bldg., A. J. Harrison, chief, procurement division, Washington 25, D. C., under Inv. No. M-284 for one power-operated marking machine, f.o.b. Los Angeles, Calif.

Specifications obtainable from the above office. • 25

January 14, 1946
BIDS WANTED

LOS ANGELES, Calif.—Until January 23, 2 P. M., bids will be received by the Los Angeles Water and Power Purchasing Agent, Room 1202, 311 S. Spring St., under Spec. 9199, for four 35,500 - volt, 1200 - ampere, 60 - cycle, 1,500,000 kva. interrupting capacity, 5 cycles, truck mounted, 3-pole, power-operated oil circuit breakers, including oil. • 25

January 14, 1946
CORRECTION—BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until January 23, 5:30 P. M., bids will be received by the East By Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Pro. 1705 for furnishing three 500 kva. transformers.

Bid opening date previously reported incorrectly.

Specifications obtainable from the above office. • 25

January 14, 1946
NOTICE OF SALE

COLUSA COUNTY, Calif. — Until January 22, 2 P. M., bids will be received by the Board of Supervisors, S. E. Curtcher, Clerk, Colusa County, for the sale of one 1939 Model 99-T Ford V-8 dump truck, engine No. 68064; one 1939 Model 99-T Ford V-8 dump truck, Engine No. 68062. • 25

January 14, 1946
BIDS WANTED

OAKLAND, Alameda Co., Calif.—As previously reported, until January 23, 5:30 P. M., bids will be received by the East May Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Pro. LS-345 for hydraulically operated gate valves and hydraulically operated sluice gates and fitler rate controller for Orinda filter plant.

The work involves

Schedule I
Hydraulically Operated Gate Valves for Orinda Filter Plant

(1) 36 20-in. gate valves equipped with 8-in. minimum diameter hydraulic operating cylinders, complete;
(2) 12 18-in. gate valves equipped with 8-in. minimum diameter hydraulic operating cylinders, complete;
(3) 12 8-in. gate valves equipped with 4-in. minimum diameter hydraulic operating cylinders, complete.

Schedule II
Hydraulically Operated Sluice Gates for Orinda Filter Plant

(1) 24 24x24-in. sluice gates with 7-in. minimum diameter hydraulic operating cylinders, complete.

Schedule III
Filter Rate Controllers for Orinda Filter Plant

(1) 12 filter rate controllers, including rate controller tubes and operating mechanisms, and every device necessary for complete and operative units.

Specifications obtainable from the above office. • 25

January 14, 1946
CONTRACT AWARDED

LYNDEN, Wash.—Des Moines Steel Co., 421 SW. 4th St., Des Moines, Iowa, at $26,475, awarded contract by the City of Lynden, City Hall, Lynden, for construction of steel tank, tower, pipe, etc.

Chicago Bridge & Dredging Co., San Francisco, at $27,950, submitted only other bid. • 25

27— TREASURY DEPT.

January 14, 1946
BIDS WANTED

SAN FRANCISCO.—Until January 17, 2 P. M., bids will be reecived by the U. S. Treasury Department, 30 Van Ness Ave., San Francisco, under Inv. SF-2740-46 for installation of office partitions at 1540 Market St., San Francisco. • 27

29— STREETS AND HIGHWAYS

January 14, 1946
CONTRACT AWARDED

SAN DIEGO, Calif.—Mittry Bros. Constr. Co., 4801 San Fernando Road, West Los Angeles, at $1,338,002.20 awarded contract by the State Division of Highways, G. T. McCoy, State Highway Engineer, State Bldg. Los Angeles, ofr about 2.9 miles of grading and surfacing with portland cement concrete pavement between "A" St. and 04 mile south of Mission Valley Road, San Diego. • • 29

30—RESERVOIRS & DAMS

January 14, 1946
PLANS COMPLETED

GRASS VALLEY, Nevada Co., Cal. —Consulting Engineers Blackie and Wood, 544 Market St., San Francisco, have completed plans for construction of (1) canal five miles northeast of Grass Valley, cost $71,000; (2) canal 6 miles northeast of Auburn, cost $90,000; and (3) construction of Scotts Flat Dam, 5 miles east of Nevada City on Deer Creek, cost $300,000 for the Nevada Irrigation District, Grass Valley • 30

31—PIPE LINES & WELLS

January 11, 1946
COMPLETING PLANS

ALPAUGH, Tulare Co., Cal.—Engineer Wayne Switzer, Visalia, is completing plans for the Alpaugh Irrigation District, Alpaugh, for the replacement of Transite pipe distributing system; estimated cost, $8500. Work involves replacement of 1200 feet of pipe. 31

January 11, 1946
COMPLETING PLANS

TRACY, San Joaquin Co., Calif.—Engineer W. F. Woolley, Patterson, is completing plans for The West Side Irrigation District, Tracy, for excavating pipe line; estimated cost, $4000. Work involves excavating existing 48-inch wood stave pipe line and reconstructing on cradles above the ground (approx. 6500 ft.) 31

January 11, 1946
PREPARING PLANS

FAIR OAKS, Sacramento Co., Cal. —Plans are being prepared for the Citurs Heights Irrigation Dist., Route 1, Fair Oaks, for drilling a well; estimated cost, $5300. 31

32— SEWERS & SEWAGE DISPOSAL PLANTS

January 14, 1946
BIDS WANTED

SAN JOSE, Calif.—Until January 14, 8 P. M., bids will be received by the City of San Jose, John J. Lynch, city manager, City Hall, San Jose, for the installation of sanitary facilities for the equipment of trailer units situated upon city property located between Polhemus St. and Ashbury St.; Spring St. and Irene St., Victory Village, San Jose, and for furnishing electric lighting system for a connection.

Specifications obtainable from the city engineer, San Jose. • 32

January 14, 1946
BIDS WANTED

LOS ANGELES, Calif.—Until Feb. 13, 10 A. M., bids will be received by the Los Angeles Board of Public Works, 153 City Hall, Los Angeles, for the construction of a sanitary sewer and resurfacing of streets in Teesdale Ave. and Valley Spring Lane Sewer District, 1911 act.

The work involves:

(1) lump sum fo rsanitary sewer complete, not including house connection and resurfacing;
(2) 3915 lin. ft. house connections;
(3) 25,157 sq. ft. AC-4 resurfacing;
(4) 139 sq. ft. AC-8 resurfacing;
(5) 400 sq. ft. class C resurfacing;
(6) 366 sq. ft. decomposed granite resurfacing.

Engineer's estimate, $68,763.69. 32

33—WATERWORKS

January 11, 1946
COMPLETING PLANS

SACRAMENTO, Cal.—Engineer W. E. Camp, 1819 28th St., Sacramento, is completing plans for the Carmichael Irrigation District, Route 5, Box 6198, Sacramento, for the construction of a water supply, estimated cost $10,800. 33

January 14, 1946
PLANS BEING RE-FIGURED

ALAMEDA, Alameda Co., Calif.—Until Jan. 22, 11 A. M., bids will be received from the previous bidders only by the Public Works Office, 12th Naval District, Room 402, Marshall Square Bldg., 1182 Market St., San Francisco, under NOy 12355, Spec. 16582, for additions to water system for fire hydrants and domestic supply, Naval Air Station, Alameda.

Previous bidders were:

Haas Constr. Co., 326 Merchants' Exchange Bldg., San Francisco.

Anderson & Rowe, 2501 Harrison St., San Francisco.

Charles L. Harney, 625 Market St., San Francisco. • • 33

34— PARKS AND PLAYGROUNDS

January 11, 1946
PREPARING PLANS

GILROY, Santa Clara Co. Calif.—Engineer W. H. Hanna is preparing plans for the city of Gilroy for the construction of a recreation park; estimated cost, $9500. 34

Machinery & Material

RECLAMATION BUREAU

CENTRAL VALLEY PROJECT, California. — As previously reported, until January 18, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver 2, Colo., under Inv. D-33,250-A for steel reinforced bare aluminium stranded conductor, compression connectors, etc.; f.o.b. shipping point and/ or Marysville, and/or intermediate points between Sacramento and Oroville, Oroville - Sacramento 230 kv. transmisison line, Central Valley Project.

The work involves:

Schedule No. 1

(1) 1,135,200 lin. ft. (215 miles) steel-reinforced bare aluminum stranded conductor having a nominal cross-sectional area of 795,000 circular mils and an effective copper equivalent cross-sectional area of 500,000 circular mils;
(2) 300 compression connectors suitable for the conductor furnished under Item 1;
(3) 200 compression dead-end connector assemblies, complete with jumper connectors suitable for the conductor furnished under Item 1;
(4) 100 compression repair sleeves suitable for the conductor furnished under Item 1;
(5) 1250 tapered armor-rod assemblies for use with the conductor furnished under Item 1;
(6) 100 parallel grove clamps suitable for the conductor furnished under Item 1;
(7) 200 vibration dampers suitable for the conductor furnished under Item 1;
(8) 1 set equipment for installing the connectors, dead-ends, and repair sleeves, furnished under Items2, 3 and 4 on the conductor furnished under Item 1;
(9) 1 set (2 wrenches) wrenches for installing armor-rod assemblies furnished under Item 5;
(10) 2 only hollow screw wrench for armor rod clamps;

Schedule No. 2

(11) 1,135,200 lin. ft. (2145 miles) hollow, hard-drawn bare copper conductor having a nominal effective copper cross - sectional area of 500,000 circular mils and in accordance with the attached specifications;
(12) 300 compression, or rolled-type, connectors suitable for the conductor furnished under Item 11;
(13) 200 dead-end, compression or rolled type connector assemblies, complete with dead-end connectors and jumper connectors suitable for the conductor furnished under Item 11 with clevis-plates suitable for attaching to dead-end insulator assemblies;
(14) 1 set equipment for installing the connectors furnished under Items 12 and 13 on the conductor furnished under Item 11. •

SAN FRANCISCO CITY

SAN FRANCISCO.—The following submitted bids to M H. Gerry, Purchaser of Supplies, 270 City Hall, under Bid No. 3449 for furnishing and delivering 5000 ¼-in. x 7-in. x 9-in black steel shims for the Municipal Railway:

Western Pipe & Steel Co., $.18; net 30.

M. Circosta, $.22; 30 days net.

Soule Steel Co., $.225; ½ of 1% 10th prox; 14 day delivery after strike.

Taylor & Spotswood, $.276; ½ of 1% 10 days; net 30 days; 28 day delivery.

A. F. Castle & Co., $.2765 each; ½ of 1% 30 days. • •

OCEAN OUTFALL SEWER, LOS ANGELES

LOS ANGELES, Calif.—As previously reported, Guy F. Atkinson Co., Orange and Railroad Aves., South San Francisco, at $3,517,410 (using precast and reinforced concrete pipe), submitted low bid to Los Angeles Board of Public Works, Room 153 City Hall, Los Angeles, for the construction of Ocean outfall sewer from Hyperion activated sludge plant. The site of work is located at Hyperion Beach on Santa Monica Bay, commencing at a point 144 ft. east of the center line of the Pacific Electric Railway right-of-way, being approximately 600 ft. south of the existing Hyperion pier, and extending in a westerly direction approximately 5424 ft. The work involves:

(A) Construct the reinforced concrete ocean outfall sewer line and appurtenances;

(B) Excavate and backfill to the prescribed lines and elevations;

(C) Construct the steel H - pile foundations;

(D) Construct the concrete footings and concrete encasement for the ocean outfall sewer;

(E) Fabricate and install the reinforced concrete pipes;

(F) Demolish and remove the existing portion of the Hyperion piers;

(G) Furnish labor and material, except that furnished by the city or others to complete the work in 450 calendar days.

Plans were prepared by Lloyd C. Aldrich, Los Angeles city engineer.

The bids were taken as follows:

Regular Work

Bids may be submitted on any one or all of Items 1, 2, 8, 9, 10, 11, 12 and 13, but must include Items 4, 5, 6 and 7. Item 3 must be bid if bidder elects to bid on Item 1 and/or Item 2.

The bid Items 1, 2 and 3 listed below are for the 12-ft. I. D. outfall sewer. For alternate bids to either of these items.

(1) A price per lin. ft. for the construction of the 12-ft. I. D. reinforced concrete pipe outfall sewer complete in place.
(2) (Alternate to Item 1.)

A price per lin. ft. for the construction of the 12-ft. I. D. precast and reinforced concrete pipe outfall sewer complete in place.

(3) A unit price per footing for the construction of the concrete footings for the 100-ft. pipes of the uncovered portion of the outfall sewer, complete in place, but not including the steel H-piling.
(4) A unit price per 40-ft. long pile for the steel H-piles for the outfall sewer, complete in place, but not including the gunite sheath.
(5) A unit price per 30-ft. long pile for the steel H-piles for the outfall sewer, complete in place.
(6) A unit price per pile for the gunite sheaths for the steel H-piles for the outfall sewer, complete in place.
(7) A lump sum for the removal of the existing Hyperion piers, complete.

Alternates I, I-A, I-B, I-C, II, II-A, II-B and II-C

(Alternates to the 12-ft. I. D. outfall sewer.)

Bidders are cautioned that the prices bid per lin. ft. of ocean outfall sewer for the various alternates (Items 8 to 15, inclusive), are for a triple line submarine outfall and that in computing the total for each bid this price per foot will be multiplied by 5.352, which is the distance in feet, exclusive of diffusers, between the beginning and end stations of the ocean outfall.

(8) (Alternate I.)

A price per lin. ft. for the construction of the ocean outfall sewer, consisting of three lines of 7-ft. I. D. cast iron pipes (classes A and B), with concrete platforms, complete in place.

(9) (Alternate I-A.)

A price per lin. ft. for the construction of the ocean outfall sewer, consisting of three lines of 7-ft. I. D. cast iron pipes (classes A, B and C), complete in place.

(10) (Alternate I-B.)

A price per lin. ft. for the construction of the ocean outfall sewer, consisting of three lines of 7-ft. I. D. cast iron pipes (classes A and B), with rock bedding, including sheet piling, complete in place.

(11) (Alternate I-C.)

A price per lin. ft. for the construction of the ocean outfall sewer, consisting of three lines of 7-ft. I. D. cast iron pipes (classes B, C and D), complete in place.

(12) (Alternate II.)

A price per lin. ft. for the construction of the ocean outfall sewer, consisting of three lines of 7-ft. I. D. reinforced concrete pipes (classes AC and BC), with concrete platforms, complete in place.

(13) (Alternate II-A.)

A price per lin .ft. for the construction of the ocean outfall sewer, consisting of three lines of 7-ft. I. D. reinforced concrete pipes (classes AC, BC and CC), complete in place.

(14) (Alternate II-B.)

A price per lin. ft. for the construction of the ocean outfall sewer, consisting of threc lines of 7-ft. I. D. reinforced concrete pipes (classes AC and BC), with rock bedding, including sheet piling, complete in place.

(15) (Alternate II-C.)

A price per lin. ft. for the construction of the ocean outfall sewer, consisting of three lines of 7-ft. I. D. reinforced concrete pipes (classes BC, CC and DC), complete in place.

Additional Work

(16) A price per lin. ft. of steel H-pile for the ocean outfall sewer, complete in place, for lengths of piles in excess of the lengths shown on the plans, including the cost of cutting and welding and any other necessary work. This item shall apply only when piles longer than those shown on the plans are ordered in writing by the engineer before the piles are driven.
(17) A price per lin. ft. of steel H-piles for the outfall sewer (to be deducted from the contract price) for decreases in lengths of piles under the lengths shown on the plans, including the cost of cutting and any other necessary work. This item shall apply only when piles shorter than those shown on the plans are ordered by the engineer in writing before the piles are driven.
(18) A price per cu. yd. for excavation under water for cnocrete work, including backfill, complete.
(19) A price per cu. yd. for excavation on shore for concrete work or pipe, including backfill, complete.
(20) A price per cu. yd. for earth fill, using shore equipment, complete in place, without special compaction.
(21) A price per lb. of reinforcing steel, complete in place.
(22) A price per cu. yd. for class K concrete, including necessary forms and shoring, but not including reinforcing steel, complete in place.
(23) A price per cu. yd. for class L concrete, including necessary forms, but not including reinforcing steel, complete in place under water.
(24) A price per ton for rock required to refill to subgrade, including the cost of the necessary excavation, when excavation below plan subgrade of the pipes is ordered in writing by the engineer, complete in place.
(25) A price per ton for rock for backfill over the pipes in excess of that shown on the plans, when ordered in writing by the engineer, complete in place.
(26) A price per sq. ft. for timber sheet piling, complete in place, ordered in writing by the engineer, to be driven below the depth for sheet piling shown on the plans.
(27) A price per sq. ft. for steel sheet piling, complete in place, ordered in writing by the engineer, to be driven below the depth for sheet piling shown on the plans.
(28) (a) price per lin. ft. of 7-ft. I.D., class A, cast iron pipe with concrete footings, complete in place.
  (b) this item shall apply only when increases or decreases in length of any portion of the outfall sewer are required and involves this class of pipe, and is so ordered by the engineer in writing before any pipe has been placed in said portion of the outfall sewer.
(29) (a) price per ll. ft. of 7-ft. I.D., class A, cast iron pipe, complete in place.
  (b) see subdivision (b) of Item (28).
(30) (a) price per lin. ft. of 7-ft. I.D., class A, cast iron pipe with rock bedding, complete in place.
  (b) see subdivision (b) of Item (28).
(31) (a) price per lin. ft. of 7-ft. I.D., class B, cast iron pipe with concrete footings, complete in place.
  (b) see subdivision (b) of Item (28).
(32) (a) price per lin. ft. of 7-ft. I.D., class B, cast iron pipe, complete in place.
  (b) see subdivision (b) of Item (28).
(33) (a) price per lin. ft. of 7-ft. I.D., class C, cast iron pipe, complete in place.
  (b) see subdivision (b) of Item (28).
(34) (a) price per lin. ft. of 7-ft. I.D., class D, cast iron pipe, complete in place.
  (b) see subdivision (b) of Item (28).
(35) (a) price per lin. ft. of 7-ft. I.D., class AC, reinforced concrete pipe with concrete footings, complete in place.
  (b) see subdivision (b) of Item (28).
(36) (a) price per lin. ft. of 7-ft. I.D., class AC, reinforced concrete pipe, complete in place.
  (b) see subdivision (b) of Item (28).
(37) (a) price per lin. ft. of 7-ft. I.D., class AC, reinforced concrete pipe with rock bedding, complete in place.
  (b) see subdivision (b) of Item (28).
(38) (a) price per lin. ft. of 7-ft. I.D., class BC, reinforced concrete pipe with concrete footings, complete in place.
  (b) see subdivision (b) of Item (28).
(39) (a) price per lin. ft. of 7-ft. I.D., class BC, reinforced concrete pipe, complete in place.
  (b) see subdivision (b) of Item (28).
(40) (a) price per lin. ft. of 7-ft. I.D., class CC, reinforced concrete pipe, complete in place.
  (b) see subdivision (b) of Item (28).
(41) (a) price per lin .ft. of 7-ft. I.D., class BC, reinforced concrete pipe, complete in place.
  (b) see subdivision (b) of Item (28).

The total bids submitted (unofficial and subject to final tabulation) were:

(A) Guy F. Atkinson, $3,517,410.
(B) Pacific Bridge Co., $3,699,267.
(C) Pacific Marine Constructors, a joint venture of Grafe - Callahan Construction Co., Gunther & Shirley Co., Peter Kiewit Sons Co., Condon-Cunningham Co., J. D. Proctor, Inc., and B. W. Kuhn, $3,886,594.
(D) Rhoades Bros. & Shofner, J. N. Gordon, Tavares Construction Co., Inc., C. M. Elliott, Stroud-Seabrook, a joint venture, $4,834,420.
(E) Morrison-Knudsen Co., Inc., and Ben C. Gerwick, Inc. (using cast iron pipe), $5,749,585.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)
(1)	$ ———	$ ———	$ ———	$ ———	$ ———
(2)	540.00	613.00	596.00	755.00	———
(3)	5,500.00	3,360.00	5,815.00	8,200.00	———
(4)	270.00	165.00	287.00	300.00	215.00
(5)	210.00	131.00	210.00	215.00	165.00
(6)	105.00	40.00	198.00	60.00	75.00
(7)	12,000.00	29,260.00	20,000.00	68,990.00	35,000.00
(8)	———	10.00	10.00	10.00	1,010.00
(16)	10,00	3.00	.50	.10	6.00
(17)	4.00	.76	10.00	30.00	1.00
(18)	3.00	.76	4.00	3.85	3.00
(19)	1.75	1.00	1.00	1.35	1.00
(20)	.75	.04	.10	.12	.50
(21)	.07	20.00	40.00	45.00	.15
(22)	45.00	15.00	40.00	60.00	45.00
(23)	46.00	6.00	5.00	12.50	55.00
(24)	———	6.00	———	4.00	9.00
(25)	———	1.00	———	2.00	7.50
(26)	2.25	1.15	2.50	2.00	4.00
(27)	———	———	———	———	2.50
(28)	———	———	———	———	1,000.00
(31a)	———	———	———	———	1,060.00

No bids were submitted on the other units.

Safety FINLENITE Tread
Steps, Nozings, Platforms, Sidewalk Boxes
All Types Gray Iron Castings
SAN FRANCISCO IRON FOUNDRY
(SAN FRANCISCO IRON WORKS)
260 TOWNSEND STREET - Phone DOuglas 1175

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS

Building Permits, $1,000 and Over, Applied For

SAN FRANCISCO COUNTY

1-STORY FRAME STORE
S. GEARY 88 E. 16TH AVE.
Owner—Paul Singer, c/o architect.
Builder—C. O. Clausen, 746 46th Ave.
Architect—Not Given. $10,000
(Application No 85206)

2-STORY FRAME DWELLING
E. MONCADA WAY 165 N. PALOMA AVE.
Owner and Builder—I. Baldwinson, 801 Randolph.
Architect—Not Given. $10,000
(Application No 85215)

ALTER HOTEL
1549-55 WEBSTER STREET.
Owner—Rafael Yngojo, 1550 Webster.
Builder—Not Let.
Architect—Not Given. $8,000
(Application No 85202)

ALTER BREWERY
E. JUNIPER ST. 250 N. BRYANT ST.
Owner—San Francisco Brewing Corp., 490 10th St.
Builder—Cahill Bros., 206 Sansome.
Architect—Not Given. $8,000
(Application No 85204)

1-STORY FRAME COMMERCIAL BUILDING
N. JUDAH 32.5 W. 46TH AVE.
Owner — William Blanke, 1322 44th Ave.
Builder—Robert P. Kelly, 1432 Lawton St.
Architect—Not Given. $8,000
(Application No 85216)

ALTER DRESS SHOP
1670-74 HAIGHT STREET.
Owner—Elsa Margo, 1939 Irving St.
Builder — Regal Manufacturing Co., 1310 Fulton St.
Architect—Not Given. $7,500
(Application No 85203)

ALTER WORK SHOP
1306 FULTON STREET.
Owner—Sarah Cohen, premises.
Builder—Lincoln U. Grant, 41 oJnes.
Architect—Not Given. $6,275
(Application No 85196)

1-STORY FRAME DWELLING
E. 19TH AVE.. 152 N. LAWTON.
Owner—Roy Shoulberg, 626 36th Ave.
Builder—T. E. Mohler Jr., 626 36th Ave.
Architect—Not Given. $6,250
(Application No 85211)

1-STORY FRAME DWELLING
N. FRANCE 25 W. MOSCOW.
Owner and Builder—David A. Burton, 678 Vienna St.
Architect—Not Given. $6,000
(Application No 85210)

1-STORY FRAME DWELLINGS (3)
SE. 31ST AVE. AND PACHECO; SE. 31ST AVE. 25, 50 S. PACHECO.
Owner and Builder—Claude T. Lindsay Co., 824 Taraval St.
Architect—Not Given. $5,650 each
(Application Nos 85184-85-86)

1-STORY FRAME DWELLINGS (2)
E. 31ST AVE. 75 S. PACHECO, E. 31ST AVE. 100 S. PACHECO.
Owner and Builder—Claud T. Lindsay Co., 824 Taraval St.
Architect—Not Given. $5,650 each
(Application Nos 85187-88)

1-STORY FRAME DWELLINGS (2)
E. VICTORIA 250, 275 N. STANLEY.
Owner and Builder—I. Baldwinson, 801 Randolph.
Architect—Not Given. $5,000 each
(Application Nos 85212-13)

1-STORY FRAME DWELLINGS (2)
S. SADOWA 180, 205 W. CAPITAL.
Owne rand Builder—I. Baldwinson, 801 Randolph St.
Architect—Not Given. $5,000 each
(Application Nos 85207-08)

1-STORY FRAME DWELLING
NE. McKINNON AVE. and PHELPS.
Owner—C. Padilla, c/o contractor.
Builder—A. Berwick, 235 Brentwood Ave.
Architect—Not Given. $4,900
(Application No 85190)

1-STORY DWELLING
N. McKINNON AVE. 25 E. PHELPS.
Owner—C. Padilla, c/o contractor.
Builder—A. Berwick, 235 Brentwood Ave.
Architect—Not Given. $4,800
(Application No 85189)

ALTER STORE AND OFFICES
1158 SUTTER STREET.
Owner—Ernest Wilson, premises.
Builder—Alfred S. Gough, 10 Washburn St.
Architect—Not Given. $4,500
(Application No 85194)

1-STORY FRAME DWELLING
E. PRENTISS 225 S. JARBOE.
Owner and Builder, J. A. Johansen, 30 Point Lobos Ave.
Architect—Not Given. $4,000
(Application No 85195)

ALTER REAL ESTATE
5142-56 GEARY BLVD.
Owner and Builder—Heyman Bros., 5138 Geary Blvd.
Architect—Not Given. $3,900
(Application No 85209)

1-STORY FRAME STORES
NW. OCEAN AVE. and LAGUNITAS
Owner—Harry Grossman, c/o contractor.
Builder—J. S. Malloch, 666 Mission.
Architect—Not Given. $1,600
(Application No 85191)

Building Permits, $1,000 and Under, Applied For

SAN FRANCISCO COUNTY

ALTER PRINTING PLANT, $850; 600 Battery St; owner, Stecher-Traung Co, prem; builder, Lorentzen Co, 2345 Broadway, Oakland.

ALTER ELECTRIC APPLIANCE BUILDING, $775; 1701 Lombard St; owner, W F Dahlstrom, premises; builder, W C Savage, 2358 Fillmore.

ALTER STORE, $500; 2548 San Bruno Ave; owner, J Bonneau, 2548 San Bruno Ave; builder, Peter D Scatena, 1269 Shafter Ave.

ALTER BREWERY, $450; 1550 Bryant; owner, Rainier Brewery, 16th and Bryant Sts; builder, Patterson & Elvin Iron Works, 280 13th St.

ELECTRIC SIGN, $430; 2027 Irving St; owner, E Edward Rupp, prem; builder, Neon Maintenance Corp, 755 Davis.

ELECTRIC SIGN, $400; 2508 Union St; owner, Karletta Mulkey, prem; builder, Neon Maintenance Corp, 755 Davis St.

ALTER DWELLING, $350; 1144 Munich St; owner and builder, James F Jefferman Jr, premises.

SIGN, electric, $260; 3210 Folsom St; owner, P A Faldetta, prem; contractor, Neon Mtce Corp, 755 Davis St.

SIGNS, two electric, $250 each; 1653 Howard, owner, Corbett Grill; 901 Howard St, owner, Murray's; contractor, Apex Elec Co, 363 Fell.

SIGN, electric, $182; 568 Eddy Street; owner, A B Grodt, prem; contractor, Neon Mtce Corp, 755 Davis St.

SIGNS, three electric, 399 10th Ave, $200, owner, Boudine Bakery; 545 Eddy St, $150, owner, Asoc Oil Co, 400 Fulton St $150, owner, Associated Oil Co; contractor Elec Prod Corp, 910 Harrison St.

ALTER liquor store, $50; 2767 Lombard St; owner and contractor, A Bloom, premises.

ALTER STORE, $900; 731 Filbert St; owner, A C Colderoni, prem; builder, L Murer, 1274 Quesada Ave.

ALTER DWELLING, $800; 1814-16 Bush St; owner, Annie Martin, 2504 Sacramento St; builder, Irwin Co., 1040 Oak St.

ALTER STORE and APARTMENTS, $500; 2206 Polk St; owner, C McBride, 2212 Polk St; builder, R E McBride Jr, 2212 Polk St.

ALTER APARTMENTS, $500; 1664 Washington St; owner, Dr Glen J Sipes, prem; builder, ...

ALTER LEATHER SHOP, $300; 1675 Folsom St; owner, David L Davidson, 1675A Folsom; day work.

ALTER FLATS, $250; 870 Treat Ave; owner, Mr Jerolin, prem; day work.

ELECTRIC SIGN, $175; SW Bayshore and Woolsey; owner, Standard Oil Co, prem; builder, Electrical Products Corp, 910 Harrison St.

ELECTRIC SIGN, $150; 1267 Bush St; owner, Union Oil Co, prem; builder, Electrical Products Corp, 910 Harrison St.

BOARD and METAL SIGN, $25; 702 Mission St; owner, Gus Gamos, prem; builder, Chas E Bradles Jr, 31 Laskie St.

Building Permits, $1,000 and Over, Applied For

ALAMEDA COUNTY

STORE and garage, 2-story concrete
10221-33 E 14th ST, OAKLAND.
Owner—Mel McLaren, 103rd Ave and E 14th St.
Contractor—D W Nicholson Corp, 1701 San Leandro Blvd, San Leandro.
Architect—Guy L Rosebrook.
$61,000

DWELLING, 2-story 8-room
60 LINCOLNSHIRE DRIVE, OAKLAND.
Owner—Robert A Shuey, Jr, premlses
Contractor—California Builders Co, Inc, 350 Hobart Street.
Architect—R E Wastell, 841 Erie St. $18,800

ALTERATIONS and Addition
1910 ROSECREST RD, OAKLAND.
Owner—R R Armstrong, premises.
Contractor—H C Jensen, 3906 Oakmore Road.
Architect—Frederick H. Reimers, 79 Post St, San Francisco. $5,000

ALTERATIONS
2372 E 14th ST, OAKLAND.
Owner—Grant D Miller, Inc, 2372 E Tenth St.
Contractor—H C Jensen, 3906 Oakmore Road.
Architects—Miller & Warnecke, Financial Center Bldg. $4,500

ADDITION
3825 HOWE ST, OAKLAND.
Owner and Builder—John W Hamilton, 3825 Howe St
Architect—Not Given. $1,500

ADDITION
1047 77th AVENUE, OAKLAND.
Owner—A Cushena. premises
Contractor—M. Drinkward, 7801 Outlook Avenue.
Engineers—Y Long Co, Easton Bldg.
[redacted] $1,000

ADDITION
1181 EIGHTH ST, OAKLAND.
Owner—Francis L Chinn, 622 Washington St, San Francisco.
Contractor—R B Hamill, 4124 Geary Blvd, San Francisco.
Plans by Owner. $1,000

ADDITION
5419 CAMILE AVE, OAKLAND.
Owner and Builder—S Cement.
Architect—Not Given. $1,000

PERMITS UNDER $1,000

ALAMEDA COUNTY

OAKLAND

ALTER and addition, $500; 1933 83rd Ave; owner, C J Welch, premises; contractor, F W Wyllie, 1134 73rd Avenue.

REPAIRS, $500; 2045 Foothill Blvd; owner, N Yokum, prem; contractor, Economy Builders, 476 37th St.

ADDITION and alteration, $500; 1821 Woodhaven Way; owner, Chas H Kleiser, 1821 Woodhaven Way; contractor, John Bowen, 1437 18th St.

ALTERATIONS, $500; 3811 East 14th St; owner, H J Dickson, premises; contractor, Shale Ortzow, 1511 Jackson St.

GARAGE, $425; 949 62nd St; owner, Harold Loews, prem; contractor, Taylor & Gholar, 1525 Fairview St, Berkeley.

GARAGE, $400; 277 Wistar Rd; owner and builder, G O Fulcay, prem.

GARAGE, $388; 11001 Robledo Dr; owner and builder, F M Coyle, premises.

ALTERATIONS, $375; 4239 Park; owner, Standard Oil Co, premises; contractor, Independent Iron Wks, 821 Pine St.

GARAGE, $375; 4795 Davenport Ave; owner, Edna Allen, prem; contractor, W F Beckett, Latham Square Bldg.

ALTER, $250; 4628 Meldon Avenue; owner and contractor, Oliver W Jones, premises.

WRECK 2-story bldg, $200; 802 5th Ave; owner and contractor, Federal Rubber Prod Co, 545 E 10th St.

SHED, 1-story, $190; 3969 Rhoda Ave; owner and builder, H Liebhausen, 3969 Rhoda Ave.

REPAIRS, $165; 313 Campbell St; owner, Frank Linzie, prem; contractor, Reese & Pete, 943 Center.

SIGN, metal, $150; 338 14th St; owner, Geo Royal, prem; contractor, Coca Cola Bottling Co, 1340 Cypress St.

SIGN, metal, $100; 1536 E 12th St; owner, Dick Lekos, prem; contractor, Coca Cola Bottling Co, 1340 Cypress St.

ADDITION, $100; 4217 Balfour Ave; owner and contractor, V E Karmel, premises.

SIGN, roof, $90; 3136 Boston Ave; owner, Edith Thompson, premises; contractor, Coca Cola Bottling Co, 1340 Cypress St.

SIGNS, three roof, $80 ea; 6518 San Pablo Ave, owner, M Johnson, 6518 San Pablo; 9807 MacArthur Blvd, owner, E B Magnard, premises; 6839 Foothill Blvd, owner, Victor Masotti, premises; contractor, Coca Cola Bottling Co, 1340 Cypress St.

BERKELEY

GARAGE, $900; 1110 Euclid; owner, Madge Bryson, 1110 Euclid; builder, Fox Bros, 1478 University.

GARAGE, $800; 2011 Lincoln; owner, Claud Hunter, 2011 Lincoln; builder, Bent & Coulter, 2125 Stuart.

ADDITION, $400; 1514 Curtis; owner, W M McCloud, 1514 Curtis; builder, P H Marshall, 742 34th St., Oakland.

ADDITION, $300; 1443 Santa Fe; owner and builder, Glenn W Senery, 1443 Santa Fe.

LATH HOUSE, $300; 2220 Fifth; owners and builders, C and A Warren, 2200 Fifth.

ALTERATIONS, $300; 1325 Haskell; owner and builder, J Harrison, 3010 Ellis.

ROOF, $270; 2707 Dana; owner, Edna Weining, 2707 Dana; builder, Elliott & Elliott, 2109 San Pablo.

ALTERATIONS, $250; 1616 Cedar; owner and builder, R Root, 1616 Cedar.

ROOF, $206; 1234 Derby; owner, A Mazzuccetti, 1234 Derby; builder, Dillon Roofing Co, 5212 San Pablo, Oakland.

ALTERATIONS, $200; 2680 Shasta Rd; owner, May Ennis, 2680 Shasta Rd.; builder, Fox Bros, 1478 University.

GARAGE, $200; 1629 Hearst; owner and builder, Herman Wobken, 1629 Hearst.

ALTERATIONS, $200; 1907 Henry; owner, Jim Hing, 1907 Henry; builder, Paul J DeSmidt, 2316 Bonar

ROOF, $192; 1716 Sonoma; owner, J Chisham, 1716 Sonoma; builder, Dillon Roofing, 5212 San Pablo.

ROOF, $190; 1308 Ashby; owner, H A Iselin, 1308 Ashby; builder, John T Morris, 2015 Blake.

ROOF, $185; 1310 Ashby; owner, eGo De Young, 1310 Ashby; builder, John T Morris, 2015 Blake.

ROOF, $143; 1226 Francisco; owner, H C Malstrom, 1226 Francisco; builder, Sears-Roebuck, 2633 Telegraph, Oakland.

ALTERATIONS, $125; 831 Indian Rock; owner, Shafskey, 831 Indian Rock; builder, Parker & Ashton, 2401 MacArthur Blvd, Oakland.

ALTERATIONS, $60; 3097 Telegraph; owner, George W Scott; builder, H C Orth & Co, 1821 Addison.

ROOF, $72; 136 Parkside; owner, M L Overmire, 136 Parkside; builder, Dillon Roofing, 5212 San Pablo, Oakland.

ROOF, $44; 2422 Prospect; owner, Dorothy T Grill, 2422 Prospect; builder, Dillon Roofing, 5212 San Pablo, Oakland.

DEMOLISH, $25; 1629 Hearst; owner and builder, Herman Wobken, 1629 Hearst.

FRESNO

DWELLING and garage, $5000; 1111 Glenn; owner and builder, C C Pease.

ADDN to garage, $600; 225 Michigan; owner and contractor, Frank Gianinni.

ALTER garage to sleeping quarters, $500; 1722 B St; owner and contractor, L Losurdo, 1722 B St.

ALTER store, $500; 1434 Kern; owner and contractor, O J Woodward, 1936 Kern.

ADDN to store, $200; 298 San Pablo; owner and builder, Matthews Est.

STORE, $50,000; 2305 Stanislaus Ave owner, John Slavich & Son, North Calaveras and University; contractor, Harris Constr Co, P O Box 109.

STORE, $12,000; 720 Belmont Street; owner, G C Armour, 2045 Broadway; contractor, Lambert, Lew & Paul.

ALTER rooming house, $4000; 1511 Tulare; owner, Harold Mar, 1025 D St; contractor, Ed Tribble, 804 Abby Street.

REPAIR warehouse, $3000; 840 G St; owner, H W Shields and R R Fisher, Pacific Southwest Bldg.

ADDN to office, $2000; 95 Van Ness; owner, Maisler Bros. 2244 Railroad; contractor, Tom Prichard,

Building Permits, $500.00 and Over, Issued by the Board of Public Works

SAN FRANCISCO COUNTY

JANUARY 10, 1946

W Douglas 30 N Duncan; one-story frame bldg; cost, $5600; owner, Herbert A Crocker.

1411 46th Ave; alter hall; cost, $2,000; owner, Bill Blancks.

SE Cor 16th Ave and Noriega; SW Noriega St 140, 224, 256, 289, 327, 365, 434 SE 16th Ave; eight 1-story frame dwellings; cost, $6500 each; owner, Henry Doelger, Bldr.

2206 Polk St; alter store and apts; Cost, $500; owner, C McBride.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

ALTERATIONS
333 GRANT AVENUE
Owner—Pacific Tel & Tel Co.
Architect—Not Given.
Contractor—Wellnitz & DeNarde.
Filed and Dated, ...
Payments Not Given.
TOTAL COST, $1,721
Specifications filed Dec 26, 1945.

Furnace Permits

OAKLAND

5516 Manila; owner, ...; dealer, Goodwin Appliance; floor furnace.

617 Capell; owner, ...; dealer, Goodwin Appliance; floor furnace.

5416 Dover St; owner, August; dealer, Atlas Heating & Ventilating; central furnace.

584 39th Ave; owner, Lewis; dealer, Atlas Heating & Ventilating Co; central furnace.

830 E 14th St; owner, Clifford Electric; dealer, Atlas Heating & Ventilating; central furnace.

3417 Haley St; owner, Harper; dealer, Atlas Heating & Ventilating; central furnace.

Estates Dr and Liggett; owner, Mullery; dealer, Atlas Heating & Ventilating; central furnace.

20 Rio Vista; owner, Jensen; dealer, Atlas Heating & Ventilating Co; floor furnace.

4452 Evans Ave; owner, Mulkey; dealer, Atlas Heating & Ventilating; floor furnace.

7621 Circle Hill; owner, O'Relley; dealer, Bay Cities Heat & Vent Co; floor furnace.

1724 7th St; owner, Mrs Pinley; dealer, Aarvoks Heating; central furnace.

149 Franklin St; owner, Royal Haulantz; dealer, ...; central furnace.

2450 Penwick; owner, ...; dealer, Gernhardt-Strohmaier; floor furnace.

686 60th St; owner, Weber; dealer, A E Hess; floor furnace.

84 Pine St; owner, Independent Iron Works; dealer, A Lauder; floor furnace.

6123 Dover St; owner, Hale; dealer, Atlas Heating & Ventilating; central furnace.

183 Florence; owner, Morgan; dealer, Atlas Heating & Ventilating; central furnace.

483 43rd St; owner, ...; dealer, Aavock Heating; floor furnace.

527 31st St; owner, Cotilla; dealer, Aavock Heating; floor furnace.

2427 67th Ave; owner, J A Lyncla; dealer, Aarvoks Heating; floor furnace.

Completion Notices

SAN FRANCISCO COUNTY

Recorded Accepted

Jan 11, 1946—165 and 177 SICKLES Avenue. Ingvar Baldwinson to whom it may concern....Jan 11, 1946

Jan 11, 1946—153 and 159 SICKLES Avenue. Ingvar Baldwinson to whom it may concern....Jan 11, 1946

Jan 11, 1946—E RAYMOND AVE 250 S Delta S 25 x E 100. Wm E Tolan to Ingvar Baldwinson........ ....January 11, 1946

Jan 11, 1946—E RAYMOND Ave 225 S Delta S 25 x E 100. Adelbert C Brown to Ingvar Baldwinson..........................January 11, 1946

Jan 10, 1946—W 25th AVE 125 N Kirkham. Earl L Campbell to Geo Winter Constr Co........... ....January 7, 1946

Jan 10, 1946—PTN LOTS 1 to 4 incl Blk 10, Hillcrest. Eugene Vignati and Floyd C Frank to whom it may concern.................. ....January 10, 1946

Jan 10, 1946—PTN LOT 1 Blk 10, Hillcrest. Eugene Vignati and Floyd C Frank to whom it may concern..........................January 10, 1946

Jan 10, 1946—PTN LOT 3 Blk 10, Hillcrest. Eugene Vignati and Floyd C Frank to whom it may concern..........................January 10, 1946

Jan 10, 1946—Ptn Lot 4 Block 10, Hillcrest. Eugene Vignati and Floyd C Frank to whom it may concern..........................January 10, 1946

Jan 10, 1946—PTN LOT 2 Block 10, Hillcrest. Eugene Vignati and Floyd C Frank to whom it may concern..........................January 10, 1946

ALAMEDA COUNTY

Recorded Accepted

Jan. 9, 1946—Lots 11, 12, Block 2, Tract 697, Eden Township, Alameda County, Calif. Greenwood Corp to D D Bohannon Organization..........................Jan. 3, 1946

Jan. 9, 1946—Ptn Lot 5, Section 22, Township 1, South Range 4, West M D B & M, Alameda County. Intermountain Terminal Co to Dinwiddie Construction Co........... ....Jan. 7, 1946

Jan. 11, 1946—Lots 13, 14 and 15, Block 2, Tract 697, Eden Township, Alameda Co., Calif. Greenwood Corp to D D Bohannon Organization..........................Jan. 7, 1945

Jan. 11, 1946—Lot 113, Map E 14th St Terrace, Eden Township, Alameda County, Calif. Harry Embury to whom it may concern.... ....Jan. 10, 1946

Liens Filed

ALAMEDA COUNTY

Recorded Amount

Jan. 10, 1946—Ptn Lot 10, Block B, Map Melrose Acres, Oakland, Calif. Atlas Heating & Ventilating Co vs B Cooper and Bay Pacific Co..........................$791.00

Jan. 10, 1946—1633 9th St, Berkeley, Calif. Rex Floor Co vs Bay Pacific Co, Maurice F and Elizabeth Hayden..........................$47.00

Jan. 10, 1946—Lot 50, Map Robinson & Ucovich Subdivision, Hayward, Calif. Murphy Bros vs Thomas H and Elvis M Devlin $147.00

Non-Responsibility

ALAMEDA COUNTY

Jan. 9, 1946—1046 Mariposa Ave., Berkeley, Calif. Donald M McRae to Frank Cox, purchaser under contract.

Jan 8, 1946—PTN BLK 80/10, Plat Rancho, San Leandro, Eden Twp. Thomas P Silva as to improvements on property.

SAN FRANCISCO COUNTY

Jan ..., 1946—3349 23rd STREET. Cliff R and Elsie L Schneider as to improvements on property.

Electrical Permits

SAN FRANCISCO COUNTY

7462 675 Market St; owner, Monadnock Bldg; contractor, Manning & Whitaker; service; alterations.

7463 1294 Harrison St; owner, H P McKeon Co; contractor, Manning & Whitaker; alterations.

7464 1452 Bush St; owner, The Timken Roller Bearing Co; contractor, Electrical Products Corp; sign; alterations.

7465 761 Broadway; owner, Jali Alia Cafe; contractor, Electrical Products Corp; alterations; 8 transformers.

7466 255 28th Ave; owner, Thayer; contractor, Galom Bros; alterations.

7467 471 Arguello Blvd; owner, California Auto Painting Co; contractor, Ets-Hokin-Galvan; motor.

7468 530 Broadway; owner, G Vaccarino; 3 outlets; 1 switch; 3 plugs.

7469-86 Various locations and owners; contractor, Apex Electric Co; 18 small signs.

7487 325 Market St; owner, H Ruderman; contractor, Neon Mtce Corp 1 sign; 2 transformers.

7488 1484 Market St; owner, J B Weir; contractor, Neon Mtce Corp; 1 sign; transformer.

7489 1820 Clement St; owner, ...; contractor, Golden Gate Elec Co; 1 outlet; 1 switch; alterations.

7490 2570 19th Ave; owner, ...; contractor, Golden Gate Electric Co; alterations.

7491 2134 Chestnut Street; owner, Wimp's Dry Goods Store; contractor, Columbia Elec Co; 2 outlets; 1 switch.

7492 141 Alton St; owner, S Goodman; contractor, Pacific Elec Constr Co; service.

7493 1075 Golden Gate Ave; owner, Superior Daiper Co; contractor, Pacific Elec Constr Co; 3 outlets.

7494 722-24 44th Ave; owner, Doelger; contractor, Richmond Electric Co; 16 outlets; 16 switches; 16 plugs.

7495 6280 3rd St; owner, Burton; contractor, Richmond Elec Co; 5 outlets; 3 switches; 3 plugs.

7496 W 23rd Ave 100 N Irving St; owner, Doelger; contractor, ...; service.

7497 74 Otis St; owner, Pacific Tel & Tel Co; contractor, Central Elec Co; 14 outlets; 12 switches; 8 plugs.

7498 450 Sutter St; owner, ...; contractor, Central Electric Co; three outlets; 3 plugs; alterations.

7499 NW Cor Ocean and Miramar Aves; owner, Kelly & Casey; contractor, Central Electric Co; 51 outlets; 29 switches; 30 plugs; service; 2 motors; 1 sign.

7500 1781-89 Mission St; owner, Schwarz Sausage Co; contractor, Buzzell Elec Co; 52 outlets; 17 fixtures.

7501 E 45th Ave 125 N Kirkham; owner, Corbell; contractor, Strom & Smith; alterations.

7502 314 11th St; owner, Jones; contractor, Weber-Conroy; 1 motor.

7503 497 Market St; owner, Walco Novelty Co; contractor, Weber-Conroy; 3 outlets.

750 SW Cor Volumbus and Filbert St; owner, Standard Oil Co; contractor, Weber-Conroy; 1 outlet; alterations.

7505 934 Market St; owner, Esquire Theatre; contractor, Matson Elec Equip Co; 1 outlet; 1 switch; alterations.

7506 1702 Haight St; owner, Haight Theatre; contractor, Matson Elec Equip Co; motor; alterations.

7507 1329 Filimore St; owner, Nasser; contractor, Matson Elec Equip Co; 4 outlets; 2 switches; 3 plugs; 1 motor; alterations.

7508 1149 Market St; owner, ...; contractor, Casey Elec Co; alter.

7509 4715 Mission St; owner, Mobile Linoleum Co; contractor, QRS Neon Co; 1 sign; 1 transformer.

7510 1666 Wallace; owner, Amoroso; contractor, Fred Johnson Elec Co; 4 outlets; 3 switches; 3 plugs.

7511 N John St; owner, Winter; contractor, Arc Electric Co; 17 outlets; 17 switches; 10 plugs.

7512 150 Ramsell St; owner, B C Hoecher; contractor, Arc Elec Co; 12 outlets; 10 switches; 8 plugs.

7513 146 Ranmsell St; owner, B C Hoecher; contractor, Arc Elec Co; 12 outlets; 10 switches; 8 plugs.

7514 252 Parque Ave; owner, Jorgensen; contractor, Arc Electric Co; 12 outlets; 10 switches; 8 plugs.

7515 244 Parque Ave; owner, Jorgensen; contractor, Arc Electric Co; 12 outlets; 10 switches; 8 plugs.

7516 248 Parque Ave; owner, Jorgensen; contractor, Arc Electric Co; 12 outlets; 10 switches; 8 plugs.

7517 2372 Mission St; owner, M N Builoer; contractor, Arc Elec Co; 4 outlets; 1 switch.

7518 E 34th Ave 179 N Taraval; owner, A Dahlberg; contractor, Arc Elec Co; services.

7519 N Alemany Blvd 200 West Foote Ave; owner, Hoecker; contractor, Arc Elec Co; service.

7520 N Alemany Blvd 149 W of Benton St; owner, Barber; contractor, Arc Electric Co; service.

7521 1100 Monterey Blvd; owner, Blake; contratcor, Arc Electric Co; service.

7522 1571 Turk St; owner, Piombo Bros; contractor, E.W Scott Electric; 10 outlets; 3 switches; 8 plugs.

7523 5 Wawona St; owner, Hinkle; contractor, Century Electric; service.

7524 65 Page St; owner, Nasser Conley; contractor, Century Electric; 2 outlets; 2 switches; 3 plugs.

7525 SW corner 5th and Brannan Sts; owner, Grinnell Co; contractor, B G Van Eman Elevator; 1 motor.

7526 133 Golden Gate Ave; owner, St Boniface Church; contractor, B C Van Eman Elevator; 1 motor.

7527 Southern Police Station, 4th and Clara Sts; owner, City and County of San Francisco; contractor, Ray Oil Burner Co; 1 motor.

7528 3370 Washington St; owner, Mansfield; contractor Ray Oil Burner Co; 1 motor.

7529 Civic Auditorium; owner, City and County of San Francisco; contractor, C J Holzmueller; service.

OAKLAND

34680 W Cypress 50 ft N of 8th St; owner and contractor, Foster & Kleiser; 3 outlets; 1 switch; 3 fixtures.

34681 S 12th St 22 ft W of Cypress; owner and contractor, Foster & Kleiser; 3 outlets; 3 fixtures.

34682 826 Cleveland St; owner, Beatty; contractor, Dimond Electric; service.

34683 1703 Clemens Rd; owner, Snyder; contractor, Dimond Electric; service.

34684 6056 Johnston Dr; owner, Penbenburg; contratcor, Deidrick Electric; 1 outlet; 1 switch; 1 fixture.

34685 1654 68th Ave; owner, Davis; contractor, James Anderson; outlets; switches; fixtures; plugs; saw motors.

34686 672 7th St; owner, Tannes; contractor, California Electric Co; motors.

3487 9th Ave and San Leandro; owner, Hillman; contractor, Del Monte Electric; 6 outlets; 6 fixtures.

34688 3346 Chestnut St; owner, Henserson; contractor, Conrad Electric; outlets; switches; plugs; service.

34689 1011 24th St; owner, Church; contractor, Conrad Electric; outlets; switches; services.

34690 420 25th St; owner, Western Machine Works; contractor, Paramount Electric; motors.

34691 8901 Railroad Ave; owner and contractor, General Metals Corp; motors.

34692 534 2nd St; owner, Union Machine Co; contractor, T L Rosenberg Co; 4 outlets; 2 switches; 4 fixtures.

34693 1047 77th Ave; owner, Drinkward; contractor, T L Rosenberg Co; temporary service.

34694 NE 28th and Peralta; owner, Pioneer Sawdust Co; contractor, T L Rosenberg Co; 2 outlets; 2 switches; 3 fixtures.

34695 208-214 Franklin St; owner, Doe; contractor, Shea Electric Co; 6 fixtures.

34696 2265 38th Ave; owner, Hadden; contractor, Shea Electric Co; plugs.

34697 3346 Chestnut St; owner, Guess; contractor, Shea Electric Co; 2 switches; 2 fixtures.

34698 2269 38th Ave; owner, Doe; contractor, Shea Electric Co; 2 fixtures.

34699 415 4th St; owner, Doe; contractor, Shea Electric Co; 3 fixtures.

34700 2267 38th Ave; owner, Store; contractor, Shea Electric Co; fixtures

34701 356 Warwick; owner, Bechtel; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

34702 2401 67th Ave; owner, Skovmand; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

34703 S MacArthur 150 ft E of 98th Ave; owner, Nelson & Rugg; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

34704 3922 Broadway; owner, Nelson & Rugg; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

34705 2381 73rd Ave; owner, Wayne W Perry; contractor, special owner; 1 outlet; 1 switch; 1 fixture; 1 plug.

34706 2718 School St; owner, Young; contractor, Piedmont Electric Co; 7 plugs; service.

34707 1748 7th St; owner, Jenkins; contractor, American Neon Displays; sign.

Prospective Bidders

Mortuary, 23 California Dr., Burlingame, Calif.

BIDS: Crosby-N. Gray & Co., 23 California Dr., Burlingame, January 16, 10 A. M. Plans prepared by Architect Richard M. Bates Jr., 950 Balleyana Rd., Hillsborough.

G. W. Williams Co., 10 California Dr., Burlingame.

Remmit Construction Co., 931 Menlo Oaks Dr., Palo Alto.

Haas Construction Co., 326 Merchants' Exchange Bldg., San Francisco 4.

Engineer's, Ltd., 225 Bush St., San Francisco.

Monson Bros., 475 Sixth St., San Francisco.

Peter Sorensen, 927 Arguello, Redwood City.

Prospective Bidders

Alter Continental Baking Co. Building, York and Alameda St., San Francisco, Calif.

BIDS: c/o Architects Bliss & Fairweather, 582 Market St., San Francisco, January 15, 3 P. M.

H. S Meinberger, 956 Folsom St., San Francisco.

Jacks & Irvine, 620 Market Street, San Francisco.

G. P. W. Jensen & Sons, Inc., 320 Market St., San Francisco.

M. & K. Corp., 200 Financial Center Bldg., San Francisco.

Russell A. Cullen, 478 Jackson St.,

Nursery and Residence, Valencia near 24th St., S. F.

BIDS: c/o Clarence O. Peterson and Wendell R. Spackman, 604 Mission St., San Francisco, January 24, 1 P. M.

A. J. Hopper Co., 243 Langton St., San Francisco.

Midstate Construction Co., 1297 Bush St., San Francisco.

C. L. Wold Construction Co., Ltd., 4412-16 Fulton St., San Francisco.

Rademann-Giusto, 40 Ringold St., San Francisco.

Warehouse, 8th and Ohio Sts, Richmond

BIDS: Richmond Union Schol District, Walter T Helms, superintendent, 1108 Bissell Ave., Richmond, January 25, 10 A. M. Plans prepared by Architects Dragon & Schmidts, 2068 Allston Way, Berkeley.

M. J. King, Inc., 231 Franklin St., San Francisco.

Elmer J. Freethy, 1432 Kearney St., El Cerrito

Clinton Construction Co., 923 Folsom St., San Francisco.

C. L. Wold Construction Co., Ltd., 4412-16 Fulton St., San Francisco.

Moore & Roberts, 698 Mission St., San Francisco.

Empire Construction Co., Ltd., 344 Harriet St., San Francisco.

Parker, Steffens & Pearce, 135 South Park, San Francisco.

Exterior Alterations, Southern Pacific General Hospital, Fell and Baker Sts., S. F.

BIDS: Southern Pacific Co., 65 Market St., San Francisco, January 21, Noon. Plans by engineering department of owner.

Swinerton & Walberg Co., 225 Bush St., San Francisco.

Central California Construction Co, 116 Erie St., San Francisco.

A. M. Hardy, 736 Clementina St., San Francisco.

Russell A. Cullen, 478 Jackson St., San Francisco.

Jacks & Irvine, 620 Market St., San Francisco.

Rademann-Giusto, 40 Ringold St., San Francisco.

Buildings and Services for Reserve Fleet Berthing, Mare Island, Calif.

BIDS: Officer in Charge of Construction, Public Works Department, Mare Island; contract NOy 13295, Spec. 17459; January 14, 11 A. M.

Barrett & Hilp, 918 Harrison St., San Francisco.

M. & K. Corp., 200 Financial Center Bldg., San Francisco.

Parker, Steffens & Pearce, 135 South Park, San Francisco.

Moore & Roberts, 693 Mission St., San Francisco.

Johnson, Drake & Piper, 1736 Franklin St., Oakland.

A. J. Hopper Co., 243 Langton St., San Francisco.

Lawrence Construction Co., 3020 V St., Sacramento.

M. J. King, Inc., 132 Franklin St., San Francisco.

Peter Kiewit Sons Co., 442 Post St., San Francisco.

Robert McCarthy Co., 1050 Kirkham St., San Francisco.

Louis C Dunn, 799 Monadnock Bldg., San Francisco.

J. H. Pomeroy & Co., Inc., 333 Montgomery St., San Francisco.

Healy-Tibbitts Construction Co., 1100 Evans Ave., San Francisco, and Duncanson-Harrelson Co., DeYoung Bldg., San Francisco.

James I. Barnes Constr. Co., 941 Russ Bldg., San Francisco.

Buildings and Services for Reserve Fleet Berthing, Mare Island, Calif.

BIDS: Officer in Charge of Construction, Public Works Department, Mare Island; NOy 13295, Spec. 17459; Jan. 14, 11 A. M.

Barrett & Hilp, 918 Harrison St., San Francisco.

M. & K. Corp., 200 Financial Center Bldg., San Francisco.

Parker, Steffens & Pearce, 135 South Park, San Francisco.

Moore & Roberts, 693 Mission St., San Francisco.

Johnson, Drake & Piper, 1736 Franklin St., Oakland.

A. J. Hopper Co., 243 Langton St., San Francisco.

Lawrence Construction Co., 3020 V St., Sacramento.

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Louis C. Dunn, 799 Monadnock Bldg., San Francisco.

J. H. Pomeroy Co., Inc., 333 Montgomery St., San Francisco.

Healy-Tibbitts Construction Co. & Duncanson-Harrelson Co., 1100 Evans Ave., San Francisco.

EMPLOYMENT SERVICE

For further information regarding positions listed under this classification address Newton D. Cook, Manager, Engineering Societies' Personnel Service, 57 Post St., San Francisco.

DRAFTSMAN, exper. detailer on structl. steel and plate work, machinery. Salary $350 mo., 48-hour week. San Francisco. S-499. Newton D. Cook, 57 Post St., San Francisco.

SALES ENGINEER, exper. in food and beverage processing and packaging, for established agency. Salary open. San Francisco. S-494. Newton D. Cook, 57 Post St., San Francisco.

MECHL. DRAFTSMAN, exper. on conveyor layout and details. Salary $300-$350 mo. San Francisco. S-487. Newton D. Cook, 57 Post St., San Francisco.

OFFICIAL PROPOSAL

LS-345—Gate Valves, Sluice Gates and Rate Controllers

NOTICE TO CONTRACTORS

Sealed proposals will be received at Room 205 of the office of the East Bay Municipal Utility District, 512 Sixteenth Street, Oakland, California, until 5:30 P. M., Wednesday, January 23, 1946, and will at that hour be opened, for furnishing, f.o.b. Corporation Yard, 22nd and Adeline Streets, Oakland, California, sixty hydraulically operated gate valves in sizes 8-, 18-, and 20-inch; twenty-four hydraulically operated sluice gates 24-in. x 24-in. size; and twelve filter rate controllers, for the Orinda Filter Plant.

Specifications (No. LS 345) may be obtained upon application at Room 406 of the office of the District.

DANIEL READ,
Secretary.

Oakland, California.
January 10, 1946.
(Daily Pacific Builder)
(January 14, 1946)

Pro. No. 1701—Ford or Chevrolet Sedans

NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512—16th Street, Oakland, California, until 5:30 P. M., Wednesday, Jan. 23, 1946, and will at that hour be opened for furnishing SIX (6) NEW LATEST MODEL 8-CYLINDER FORD or 6-CYLINDER CHEVROLET SEDANS, as per specifications.

Proposal No. 1701 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL READ,
Secretary.

Oakland, California.
January 11, 1946.
(Daily Pacific Builder)
(January 14, 1946)

Pro. No. 1705—Transformers

NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512—16th Street, Oakland, California, until 5:30 P. M., Wednesday, Jan. 23, 1946, and will at that hour be opened for furnishing three (3) 500-KVA OUTDOOR TRANSFORMERS, as per specifications.

Proposal No. 1705 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL READ,
Secretary.

Oakland, California.
January 11, 1946.
(Daily Pacific Builder)
(January 14, 1946)

Pro. No. 1704—Oil Circuit Breaker

NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512—16th Street, Oakland, California, until 5:30 P. M., Wednesday, Jan. 23, 1946, and will at that hour be opened for furnishing one (1) OIL CIRCUIT BREAKER COMPLETE WITH CONTROL SWITCH FOR REMOTE CONTROL, as per specifications.

Proposal No. 1704 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL READ,
Secretary

Oakland, California.
January 11, 1946.
(Daily Pacific Builder)
(January 14, 1946)

Classified Advertising

WANTED

SENIOR DRAFTSMAN for permanent position in architectural office located on the Monterey Peninsula. Contact C. J. Ryland by phone at Carmel 404 or write P. O. Box 847, Monterey. 1/14-15-16-17-18-21, 46

ARCHITECTURAL DRAFTSMAN. General exper. Salary open. Irvin Wm. Goldstine, Room 850, Pacific Bldg. Phone EXbrook 8946. (1/9-10-11-14-15/46)

Experienced architectural DRAFTSMAN out of city. If interested, housing available. Mayo & Johnson, 307 Exchange Bldg., Stockton. Phone Stockton 9-9359.

BUILDING CONTRACTOR wants contact with young ARCHITECT. Reply Box 110, c/o Daily Pacific Builder. 1/9-10-11-14, '46

PAINTING ESTIMATOR who is familiar with Painting Contractors. Must be good. Reply Larry's, 815 Greenwich St., S. F. Phone GR 4942. (1/8-9-10-11-14/46)

Exper. FOREMAN for Const. of STORES and OFFICES in San Francisco. Reply Box 17, c/o Daily Pacific Builder.

ARCHITECTURAL DRAFTSMAN wanted. Experienced. Conrich, 593 Market St., Room 226. SU. 6315 or SK. 8875. to Jan. 15, 1946

POSITION WANTED

Young man desires SALES POSITION with organization handling line of BUILDING MATERIALS. College background, alert, aggressive, neat appearing. Contact Warren S. Michael, BA. 9469, or address reply 175 18th Ave., S. F. 18.

TRANSITMAN, capable, general experience, wants work in any capacity. Reply Box 111, c/o Daily Pacific Builder. to Jan. 15, '46

CAPABLE GRADUATE ENGINEER, 35 years of age, with lots of push, wishes connection with Construction Contractor; 10 years' engineering experience in supervisory capacity. Small salary and bonus on production desired. Write your proposition to R. Baker, 203 N. 86th St., Wauwatosa, Wisconsin. Jan. 11-14-15, '46

ESTIMATOR - GENERAL MANAGEMENT. State and Federal taxes. Contract Negotiation, etc. Reply Box 19, c/o Daily Pacific Builder. (1/9-10-11-14-15/46)

HELP WANTED

EXPEDITER, general building construction; 5 yrs. bldg. exp. necessary. Reply, stating exp. and qualifications. Box 114, c/o Daily Pacific Builder. 1/14-15-16, '46

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LARGEST CONSTRUCTION DAILY IN THE WEST

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Fifty-sixth Year—Vol. 56—No. 10 SAN FRANCISCO, TUESDAY, JANUARY 15, 1946 PRICE 15 CENTS PER COPY

IFORNI

PLANS and Speculations

State postwar funds in amount of $1,346,216 for development of highway projects and three sanitary district projects in SONOMA COUNTY, have been requested by the County Board of Supervisors. The three sanitary district requests were based on preliminary steps already taken for organization of such districts, adjacent to Santa Rosa, in the Russian river section, and in the Valley of the Moon recreation district. The Santa Rosa district request totaled $154,216; that in the Valley of the Moon, $467,000, and for the Russian river, $350,000. The two highway projects call for $300,000 for development of the route from Valley Ford through Bodega Bay to Bridgehaven, and $75,000 for improvement to the county road from Warfield to Eldridge and the Madrona road to join with the state highway.

oOo

The University of California will ask the State Legislature to appropriate $900,000 to build the world's second largest telescope, a 120-inch reflector, at the Lick Observatory atop Mt. Hamilton. . . Replacement of the present wooden street signs with larger black and white metal ones is contemplated for OAKLAND, according to City Manager Chas. R. Schwanenberg. . . The proposition of whether the City of SAN CARLOS shall proceed with a survey and report of the California Water Service Company system serving San Carlos, will be placed on the ballot at the next regular city election, April 9, it was decided by a resolution unanimously adopted by the San Carlos City Council.

oOo

Establishment of another high school in MARIN COUNTY, a branch of Tamalpais Union High School, appeared a certainty following action of the school board in filing condemnation proceedings to acquire 13 acres adjacent to the property in SAN ANSELMO now owned by the school district.

oOo

Probable construction of a new business building at Locust and Bonanza Sts., WALNUT CREEK, was indicated when the owner, R. E. Gould, appeared before the City Council and sought advice. Gould stated that the plans for his building are now "on the board".

oOo

The start of construction of a new $25,000,000 plant for Columbia Steel Company at PITTSBURG was a step nearer as the Contra Costa County Board of Supervisors granted permission to close a portion of East Third Street, which through the plant.

Weldwood Glue Available Again

W. Robert Goepel, Manager of the Industrial Adhesives Division of the United States Plywood Corporation, announces that supplies of Weldwood Glue are again open to unlimited civilian use.

"During the war years, government contracts called for 90% of the Weldwood Glue produced," Goepel said. "Now that most of these contracts have been cancelled we are able to meet civilian demands at last. We are promising immediate shipment from stock."

Goepel described Weldwood Glue as a urea-formaldehyde compound which has tremendous strength, is relatively waterproof, stain-free, bacteria and rot-proof, holds joints shearproof and permanently bound.

Designed for bondng woods, it is easily mixed with cold water and ready for use immediately after mixing, he said.

"Some of the many war uses of this plastic resin which shows its adaptability," Goepel said, "include gluing wood parts of gliders, airplanes, life preservers, boats and ships, instrument and radio cabinets, Army and Navy trucks, and other government woodworking. Increased demand at that time caused production to be doubled and then tripled. Our main cause of worry was to find a suitable contained as a substitute for the metal one which was unavailable. After exhaustive tests, a fibre can was found. The last of these cans are now being used and a new postwar metal can is appearing."

V

COLUMBIA STEEL CO.

Marion H. Freedman has been appointed Division Manager of the Seattle office of Columbia Steel Company, a U. S. Steel Corporation subsidiary, succeeding E. J. Howay, who is retiring after 39 years of service with the corporation.

Freedman started with United States Steel Corporation in 1920 in San Francisco. In 1931 he was transferred to the Seattle office of Columbia Steel Company as a salesman, specializing in tubular products. Subsequently, he was advanced to the positions of Assistant Manager of Sales and Manager of Sales.

Standards Neglect Can Be Costly

The country was cautioned today by a large branch of the building materials industry not to plunge into wholesale erection of temporary housing so that common sense safety rules are ignored.

Tragic and costly disasters may result if local governments neglect to enforce standard building safeguards for firesafe and health-protecting construction, said Henry J. Schweim, executive secretary of the Gypsum Association.

Emergency housing meant to be used only temporarily to help relieve the current shelter shortage, he warned, must protect life and health as well as give shelter and a maximum of comfort.

"It is imperative that temporary housing be built quickly on a wholesale scale, particularly in the big cities," Schweim said, "but let's not sabotage our standards of safety. Temporary houses will, in most instances, be built close together in large groups, perhaps dangerously distant from adequate fire fighting facilities.

"It is horrible to imagine what the consequences might be in the way of fire or epidemic if proper firesafety and health protection rules were not enforced! One house built of flimsy combustible material in a group of such houses might result in the destruction of all with appalling loss of life. Their occupants would be worse off then even than they are now."

The building expert asserted that maximum firesafety can be assured in temporary as well as permanent construction through the use of noncombustible materials, including gypsum. Furthermore, he said use of non-forest products will help relieve part of the stress upon the hard-pressed lumber industry.

In an article prepared for publication by E. H. Dhein of the Engineering Division, Office Chief of Engineers, U. S. Army, Schweim said, gypsum was lauded for its role in wartime construction, much of it of a temporary nature identical with the emergency housing now required.

Schweim stressed that the same gypeum products perfected to meet the emergency requirements of war can be used efficiently and economically in temporary postwar housing. Among them is fireproof laminated gypsum board which, when treated with a transparent penetrating filler, was found by the Corps of Engineers to be a combination sheathing and siding meeting the demands for emergency housing.

PGE ANNOUNCES $6,000,000 EAST BAY PROJECT

A $6,000,000 construction project which will increase the capacity of the electric power facilities in the East Bay area and provide for future growth of demand has been announced by A. Emory Wishon, Vice President and General Manager of Pacific Gas and Electric Company. During the war period the use of electricity in Alameda and Contra Costa was nearly doubled. Transmission and distribution facilities were heavily overloaded to meet the constantly mounting demand for power. The new installations will relieve this situation, permit the delivery of greater amounts of hydro-electric power to East Bay users and reduce to a minimum the generation of electricity in the Company's East Bay steam-operated plants.

First on the construction program is a new substation to be known as Moraga Substation near the town of Moraga in Contra Costa County, at an estimated cost of $3,368,000. The plans call for erection of a main substation building, warehouse and shop building, and two operator's cottages; and the installation of transformers, oil circuit breakers, synchronous condensers and other electrical equipment. The station is designed to receive 220,000 - volt hydroelectric power from the Company's Vaca-Dixon substation in Solano county and transmit it at lesser voltage to the distribution substations in Oakland and other East Bay centers.

To supply the new substation, a new twin-circuit transmission line will be built to carry power at 220,000 volts from the Vaca-Dixon substation to Moraga. The new line with necessary switching facilities and other improvements at Vace-Dixon will cost approximately $2,747,000.

The new transmission facilities will make available to East Bay electrical customers an additional power supply from high - tension transmission lines running from the Company's Pit River generating system in Shasta County to Vaca-Dixon substation. The plans announced are in addition to work already under way involving the expenditure of $1,585,000 for construction of a substation near San Leandro, enlargement of Claremont Substation and improvements in Oakland's electrical distribution system.

Dept. of Commerce Booklet Explains Credit Sources

How small businesses may obtain credit and capital for sound business ventures is explained in a bulletin on "Credit Sources for Small Business" issued today by the U. S. Department of Commerce.

The private commercial bank is still the main source of business credit, the bulletin says, and small businesses have even more reason to turn to their banker for credit help than have large companies which have increasingly relied on internal financing and on the issuing of securities to meet their capital and credit needs.

The bulletin discusses in detail the types of credit extended by such diverse institutions as banks, industrial banking companies, small loan companies, factors, sales finance conmpanies, miscellaneous finance companies, insurance companies, equipment manufacturers, wholesalers and similar suppliers, individual investors, investment bankers, corporations seeking affiliates, branches or outlets, the Reconstruction Finance Corporation, Federal Reserve Banks, Smaller War Plants Corporation, Federal Housing Administration and community industrial development groups.

Many banks are now setting up special small business departments, according to the bulletin which states that in the choice of a bank the small business man should "choose a banker who possesses character and leadership, one who is willing to assume a risk providing there is a reasonable chance of repayment; a progressive banker, one who is alert to current industrial trends, willing to make loans for new products and more efficient processes."

"Such a banker," the bulletin says, "knows that in a world of rapid change, risk is a matter of careful analysis, not merely of traditional soundness."

The community banker, who more often than not is a small business man himself, may be more receptive to the needs of the small business man than the larger city bank, the bulletin says, but sometimes the larger banks quote more lavorable rates and the only answer is to compare.

Once the small business man has chosen a banker he should consult him frequently, visiting him at his office and inviting him to return the visit, the bulletin advises, and adds:

"Show him around. Invite him to look over your books. Freely explain your plans to him, especially if they involve expenditures out of the ordinary. Do not try to conceal difficulties from him. It is part of the banker's code not to betray confidences. Mutual frankness is the first basis of good banking relations."

Business men who can qualify should be able to turn to their bank for one of the following types of loans, according to the bulletin: character loans, term loans, installment loans, loans on accounts receiveable, loans secured by warehouse and field warehouse stocks and equipment loans.

The difficulty small businesses often encounter in securing adequate credit is also discussed, and the bulletin notes that "small concerns have often had to resort to the unsound practice of using renewable short - term commercial loans for working capital, for long-term seasonal capital, or even to take the place of fixed long-term capital."

In general, the bulletin says, the business man is justified in seeking a loan when he can use it to cut costs or otherwise increase efficiency by more than the cost of obtaining the additional funds, but he should not forget that "other things being equal the company that gets the credit it needs at the least expense wins."

The booklet is designed for widespread distribution among small business men and may be obtained by banks, or other financial institutions wishing to distribute it, or by individuals themselves, from the Superintendent of Documents, Washington 25, D. C., or from Department of Commerce field officies at 15 cents a copy.

V

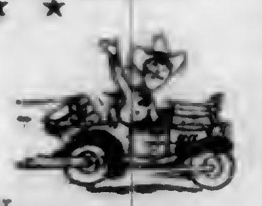
It is reported that electronics will cook your goose in five minutes. However, a slip of the tongue will do it even quicker.

GROOVER AND I

GROOVER OUT

We announce, with regret, to his many readers that "Groover" is ill. He has "bounced quick" in the past, and we are hoping this is just another "quickie".—The Editor.

★ ★ ★



V

Masons, Builders Association Incorporates

The Masons and Builders Association of California, Inc., as it now is known, was incorporated under California State law Oct. 19, 1945. At the annual meeting Dec. 13, 1945, the following officers were elected: Wm. A. Rainey, Jr., President; Norman M. Johnson, Treasurer; George W. Reed, Secretary; Oscar F. Person, Director; and Dan Lynch, Director.

The aim and purpose of the Association is to act as the negotiating body to settle labor disputes of the bricklayers and hodcarriers unions in California, from Fresno to the Oregon line, to assist in training apprentice bricklayers, to promote the use of masonry products and to improve the standard of workmanship in the masonry trade.

The next regular meeting will be held January 25, 6:30 P. M., at the El Jardin Restaurant, 22 California Street.

Electronic Street Lighting Control Is Announced

Early large scale production of a new Electronic "Sun Switch", designed to control street lighting, is announced by The Ripley Company.

The new units is an answer to the Utility Companies' desire to render street lighting service which insures the required illumination regardless of fluctuations in weather conditions and the twilight hour.

The new unit will be priced low enough to permit installations on each light pole, thus eliminating heavy investment in series circuits and heavy operating costs due to storm hazards.

A maximum safety factor is incorporated in all components, principal of which are standard amplifier tubes, a photo-electric cell and relay. These factors coupled with special tungsten alloy contacts on the relay (the only moving parts), insure the unfailing dependability and efficiency demanded of equipment used in the public service.

Under ideal conditions of daylight the control provides a minimum "lights on" period from 25 minutes after sunset to 25 minutes before sunrise and adjustment is provided to meet customers' specific requirements.

Operating units is compactly built on a chassis to which the housing is attached by three schews. This housing with chassis is fastened to a permanently wired base with a single 30 degree rotary turn which provides a perfect "plug in" connection and a weatherproof joint. A similar turn of 30 degrees in the other direction easily removes the entire unit.

The housing is constructed of non-rusting aluminum with high resistance to bright sunlight and other extreme weather conditions.

The swivel bracket and the round shape of the housing permits direction of the photo-cell of each unit to North Light without interfering with symmetry in installation.

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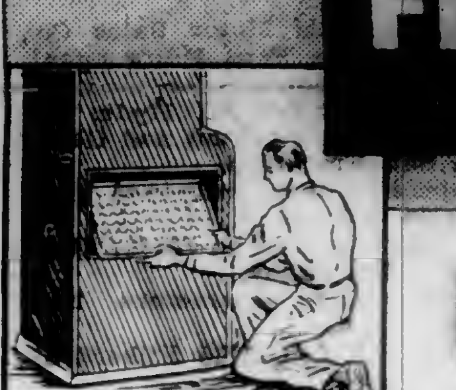

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DAILY PACIFIC BUILDER
(Established 1890)
Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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3— CHURCHES

January 15, 1946
CONTEMPLATED
CHURCH WING Cost, $35,000
BURLINGAME, San Mateo Co., Cal.
Construction of new wing to include offices, three addl. Sunday school classrooms and a new kitchen.
Owner—St. Matthew Episcopal Ch., Baldwin and El Camino Real, Burlingame.
Architects—Weihe, Fricke and Kruse, 251 Kearny St., San Francisco. 3

4— FACTORIES AND WAREHOUSES

January 15, 1946
CONTEMPLATED
EXPAND PLANT
SUNNYVALE, Santa Clara Co., Cal.
Extensive expansion of present plant.
Owner—Libby, McNeill and Libby Canning Co., N. Pastoria and Evelyn Ave., Sunnyvale.
Architect—Not Announced. 4

January 15, 1946
PLANNED
PLANT ADDITION
YUBA CITY, Sutter County, Calif.
Construction of cold storage plant addition.
Owner—National Ice & Cold Storage Co., 340 Bridge, Yuba City.
Architect—Not announced. 4

January 15, 1946
PLANNED
COLD STORAGE PLANT
YUBA CITY, Sutter County, Calif. Between Reeves Ave. and Bridge St., along Sacramento Northern trackage.
Construction of cold storage plant (125x600 ft.).
Owner—c/o A. D. Atterbury, 735 Bridge St., Yuba City.
Architect—Not announced. 4

January 15, 1946
BIDS IN—HELD UNDER ADVISEMENT
MECHANICAL WORK
SAN JOSE, Santa Clara Co., Calif. Cor. Phelan Ave. and Senter Rd.
All mechanical work for the construction of a reinforced concrete fruit and vegtable cannery, consisting of a main manufacturing building, a boiler house, finished stock warehouse and cold storage unit. The mechanical work will include heating, plumbing, wiring, fire protection and powerhouse equipment.
Owner—Beechnut Packing Co., Canajohare, N. Y.
Architects—Binder & Curtis, 35 W. San Carlos St., San Jose.

Bids received January 12, 3 P. M., for the mechanical work, together with general construction bids received January 8, have been forwarded to the Beechnut Packing Co., Canajohare, N. Y., for consideration and an announcement is not expected before Thursday or Friday of this week. • 4

January 15, 1946
CONTRACT AWARDED
LOS ANGELES COUNTY, Calif.—Myers Bros., 3407 San Fernando Rd., Los Angeles, at $376,000, have been awarded a contract for the consruction of a 2-story reinforced concrete factory building on a site bounded by Wilmington Ave., Randolph Ave., Gage Ave., Los Angeles County, for the Superior Sleeprite Corp., Chicago, Ill. The building will be 600x260 ft. in area. Plans prepared by Architect Adrian Wilson, Architects' Bldg., 816 W. 5th St., Los Angeles. 4

January 15, 1946
BIDS OPENED
TERMINAL ISLAND, Los Angeles Co., Calif.—Fred D. Kyle, 39 Congress St., Pasadena, at $36,663, submitted the low bid to the U. S. Navy, Public Works Office, U. S. Naval Base, Terminal Island (San Pedro), January 11, for the construction of a one-story pipe and bar storage shed at the U. S. Naval Shipyard, Terminal Island; Specification No. 17294, NOy 13120. 4

January 15, 1946
BIDS OPENED
TERMINAL ISLAND, Los Angeles Co., Calif.—Fred D. Kyle Co., 39 Congress St., Pasadena, submitted the low bid on item (1) at $42,424, and C. W. Driver, Inc., submitted the low bid on item (2) at $52,162 to the U. S. Navy, Public Works Office, U. S. Naval Base, Terminal Island (San Pedro), January 11, for the construction of a one-story sheet metal storage building at the U. S. Naval Shipyard, Terminal Island; Specification No. 17292, NOy 13118. 4

6— GARAGES AND SERVICE STATIONS

January 15, 1946
BIDS POSTPONED UNTIL JANUARY 15, 2 P. M.
GARAGE AND SALES BUILDING
MILL VALLEY, Marin County, Calif. Corner Blithedale and Sycamore Sts.
Construction of one-story concrete and wood garage and sales building (10,000 sq. ft.) and steel service station.
Owner—Tamalpais Motor Sales Co., Oliver Sollom, Ford Motor agent, Mill Valley.
Architect—Winfield H. Hyde, 706 Butler Bldg., Stockton and Geary Sts., San Francisco.

Bid opening date postponed from January 14, 4 P. M.

Bids will be opened on second floor, City Hall, Mill Valley.

The following contractors have taken out plans:

De Lucca & Son, 1745 Filbert St., San Francisco.

Litchfield Construction Co., 271 Francisco Blvd., San Rafael.

John Rocco, 415 4th St., San Rafael.

Younger Construction Co., 575 Mission St., San Francisco.

Parker, Steffens & Pearce, 125 South Park, San Francisco.

Howes & Whitaker, 626 Russ Bldg., San Francisco.

John Leibert & Son, 211 Albert St., San Rafael.

M. J. King, Inc., 231 Franklin St., San Francisco.

Stolte, Inc., 8451 San Leandro St., Oakland. • 6

7—FEDERAL BUILDINGS

January 15, 1946
COMPLETING PLANS
COLD STORAGE BLDG. Cost, $125,000
SAN JOSE, Santa Clara Co., Calif.
Construction of two 32-degree cold storage buildings (48x130-ft. ea.) with capacity of 70,000 field boxes and one mechanical equipment building to house refrigeration equipment; wood frame and concrete tile construction; concrete slab floors and foundations, cork lined walls, wood roof trusses, composition roof covering, etc.
Owner—Tri-Valley Packing Association, P. N. Mark, general manager, San Jose.
Engineers—J. M. Montgomery & Co. Inc., 306 W 3rd St., Los Angeles.
Contractor—Vern R. Huck, 3021 Rowena St., Los Angeles.

Construction will start in 30 days. • 4

January 15, 1946
CONTRACT AWARDED
ONTARIO, Ore.—R. A. Newman, McMinnville, Ore., at $1361, awarded contract by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior painting and miscellaneous repairs, U. S. Post Office, Ontario, Ore. 7

January 15, 1946
CONTRACT AWARDED
DOUGLAS, Ariz.—R. A. Newman, McMinnville, Ore., at $2990, awarded contract by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior painting at U. S. Post Office, Douglas, Ariz. 7

January 15, 1946
BIDS REJECTED
KELLOGG, Idaho.—All bids received December 5 by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting, U. S. Post Office, Kellogg, Idaho, were rejected.

R. A. Newman, McMinnville, Ore., at $2710, submitted the previous low bid. The work will be readvertised. 7

January 15, 1946
CONTRACT AWARDED
HILLSBORO, Ore.—The Tri-State Painting Co., Portland, Ore., at $1217, awarded contract by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting, U. S. Post Office, Hillsboro, Ore. 7

January 15, 1946
BIDS REJECTED
EL CENTRO, Imperial Co., Calif.—All bids received December 6 by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior painting and plastering repairs at U. S. Post Office, El Centro, have been rejected.

R. A. Newman, McMinnville, Ore., at $6669, submitted the previous low bid. The work will be readvertised. 7

January 15, 1946
BID OPENING POSTPONED
MARE ISLAND, Solano Co., Calif.—Until February 1, 11 A. M. (bid opening date postponed from January 14) bids will be received by the officer in charge of construction, Public Works Department, Mare Island, under Contract NOy 13295, Spec. No. 17459, for the construction of buildings and services for reserve fleet berthing at the Mare Island Naval Shipyard, Mare Island.

Work involves construction of a pump house and steam plant, a generating station, an electrolyte pump house, two toilet buildings, an elevated concrete deck, 11 storage tanks, two warehouses and all mechanical and electrical services for reserve fleet berthing. Specification No. 17459 and other bidding information may be obtained on application to the Bureau of Yards and Docks, Navy Department, Washington 25, D. C., or the officer in charge of construction, Public Works Department, Building 47, Mare Island Naval Shipyard, Mare Island, Calif.

Deposit of check or postal money order for $50, payable to Chief of the Bureau of Yards and Docks, is required as security for safe return of each set of bidding data.

Plans and specifications will be available for distribution shortly.

The following contractors have been invited to submit bids:

Barrett & Hilp, 918 Harrison St., San Francisco.

M. & K. Corp., 200 Financial Center Bldg., San Francisco.

Parker, Steffens & Pearce, 135 South Park, San Francisco.

Moore & Roberts, 693 Mission St., San Francisco.

Johnson, Drake & Piper, 1736 Franklin St., Oakland.

A. J. Hopper Co., 243 Langton St., San Francisco.

Lawrence Construction Co., 3020 V St., Sacramento.

M. J. King, Inc., 132 Franklin St., San Francisco.

Peter Kiewit Sons Co., 442 Post St., San Francisco.

Robert McCarthy Co., 1050 Kirkham St., San Francisco.

Louis C. Dunn, 799 Monadnock Bldg., San Francisco.

J. H. Pomeroy & Co., Inc., 333 Montgomery St., San Francisco.

Healy - Tibbitts Construction Co., 1100 Evans Ave., San Francisco, and Duncanson-Harreison Co., DeYoung Bldg., San Francisco. •
Bldg., San Francisco. • • 7

10— HOTELS

January 15, 1946
BIDS IN—HELD UNDER ADVISEMENT
ALTER HOTEL
SAN FRANCISCO. 340 Stockton St.
Interior and exterior alterations and additions to Hotel Drake - Wilshirre building.
Owner—J. B. Quigley, Hotel Drake-Wilshire.
Plans by Walter M. Ballard Corp., Hobart Building.

An announcement is expected in about one week. • • 10

January 15, 1946
WORK STARTED
SANTA BARBARA. Calif.—Robert D. Paterson, 1911 San Andres St., Santa Barbara, has started work on construction of a two-story, 34-unit motel to accommodate 150 persons at the northeast corner of Cabrillo Blvd. and Chapala St., Santa Barbara, for George Gage, et al; estimated cost, $150,000. The building will be frame and stucco construction, L-shaped, 143x260 feet in area. 10

13— PUBLIC BLDGS. FIRE HOUSES, JAILS

January 15, 1946
PLANS COMPLETED
RIVERSIDE, Calif.—Architect G. Stanley Wilson, 3681 6th St., Riverside, has completed preliminary plans, which have been approved by the Board of Supervisors, for an addition to the existing courthouse in Riverside for the County of Riverside; estimated cost, $305,000. The addition will join the present courthouse building on the Orange St. side, replacing the old jail. The new structure will be three stories in height, of brick and concrete construction, with approximately 30,000 feet of floor space, and will house an enlarged and modernized county jail. 13

January 15, 1946
CONTRACT AWARDED
SAN FRANCISCO.—The Bethlehem Steel Co., Shipbuilding Division, 20th and Illinois Sts., and Moore Dry Dock Co., Balfour Bldg., awarded contract by M. H. Gerry, Purchaser of Supplies, 270 City Hall, under Bid No. 3427 for repairing and drydocking of fireboats for Fire Department. 13

January 15, 1946
BIDS WANTED—TO BE OPEN JANUARY 22, 10 A. M.
AIRPORT BUILDING
NAPA, Napa County, Calif. Napa County Airport, five miles south of Napa.
Construction of temporary administration building.
Owner—County of Napa, R. A. Dollarhide, county clerk, Courthouse, Napa.
Architect—Russell Guerne de Lappe, Hotel Claremont, Berkeley.

Plans and specifications may be obtained from the office of the county clerk upon deposit of $15. • 13

January 15, 1946
PREPARING PLANS
COURTHOUSE Cost, $800,000
SANTA CRUZ, Santa Cruz Co., Cal.
Construction of reinf. concrete one-story U-shaped county courthouse.
Owner—County of Santa Cruz, Court House, Santa Cruz.
Architect—Chas. Butner, 7 Winham St., Salinas. 13

14— RESIDENCES

January 15, 1946
PREPARING PRELIMINARY PLANS
REMODEL STORE
ANTIOCH, Contra Costa Co., Calif.
Remodel and add to hardware store building.
Architect—Elizabeth H. Witkin 2712 Shasta Road, Berkeley. • • 14

15— SCHOOLS

January 15, 1946
PREPARING PLANS
SCHOOL BLDG. Cost, $170,000
TULARE, Tulare Co., Calif.
Construction of 16-classroom elementary school building.
Owner — Tulare Elementary School District, Tulare.
Architect — Frank Wynkoop, Stoner Bldg., Bakersfield. • 15

January 15, 1946
PREPARING PLANS
SCHOOL ADDN. Cost, $233,036
LODI, San Joaquin Co., Calif.
Construction of physical education plant and gymnasium.
Owner—Lodi Union High School District, Lodi.
Architect—Peter L. Sala, 2130 North Commerce St., Stockton. • 15

January 15, 1946
PREPARING PLANS
SCHOOL ADDN. Cost, $282,000
MADERA Madera Co. Calif.
Construction of new auditorium additional classrooms athletic field bleachers at high school bldg.
Owner—Madera Union High School District Madera.
Architect—Frank Wynkoop & Associates 821 Market St. San Francisco. • 15

January 15, 1946
LOW BIDDER
SCHOOL ADDITION
SAN BRUNO, San Mateo Co., Calif.
Construction of one-story frame and stucco addition (six classrooms) to the Edgemont School.
Owner—San Bruno Elementary School District.
Architects—Masten & Hurd, 407 Sansome St., San Francisco.
Low Bidder—Peter Sartorio, 262 Clementina St., San Francisco, $82,468.

A contract will be awarded the low bidder on the basis of accepting reinforced concrete and panel heating and omitting window shades.

Other bidders were:

S. J. Amoroso Construction Co., $82,980.

M. J. King, Inc., $90,721.

Moore & Roberts, $91,364.

Midstate Construction Co., $92,483. • 15

January 15, 1946
PREPARING PRELIMINARY PLANS
SCHOOL ADDN. Approx. Cost $75,000
SALINAS, Monterey County, Calif. Fresmont School.
Construction of school addition to contain eight classrooms.
Owner — Alisal Union Elementary School District, Salinas.
Architect—William Henry Rowe, 214 Front St., San Francisco. • 15

January 15, 1946
BIDS OPENED
PREFABRICATED BUILDING
CONCORD, Contra Costa Co., Calif. East Street.
Construction of prefabricated school building on concrete foundation and floor at Williams Elementary School.
Owner—Concord Elementary School District, Willow Pass Rd., Concord.
Architects—Dragon & Schmidts, 2068 Allston Way, Berkeley 4.
Low Bidder—C. F. Parker, 1644 Monterey Blvd., San Francisco, $93,927.

Complete bids were:

C. F. Parker, San Francisco, $93,927.

M. J. King, Inc., San Francisco, $95,847.

William M. Greuner Jr., Berkeley, $96,720.

Willis F. Lynn, Berkeley, $98,400. • 15

January 15, 1946
BOND ELECTION
JUNIOR HIGH SCHOOL, ETC. Cost, $424,000
ANTIOCH, Contra Costa Co., Calif. Calif.
Construction of new elementary school building and addition to present combined junior and senoir high school.
Owner—Antioch-Live Oak Unified School District, 1500 D St., Antioch.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco.

The school district will vote March 1 on a proposal to issue bonds in the amount of $500,000 to finance construction. • 15

January 15, 1946
BIDS WANTED—TO BE OPENED JANUARY 30, 8 P. M.
SCHOOL ADDN. Approx. Cost $16,000
SALINAS, Monterey County, Calif. Fremont School.
Construction of one-story frame and stucco elementary school addition to contain two classrooms.
Owner — Alisal Union Elementary School District, Salinas.
Architect—William Henry Rowe, 214 Front St., San Francisco.

Plans and specifications may be obtained from the architect's office or from the office of the school principal, Fremont School, Del Monte Ave. and Williams Rd., Salinas, upon deposit of $20. • 15

January 15, 1946
BOND ELECTION SCHEDULED
ELEMENTARY SCHOOL BLDG.
Replace present Washington elementary school building with a new school plant to be earthquake-proof, and including nine regular classrooms, one kindergarten, one auditorium with stage, cafeteria, principal's office, teachers' room, nurse's room and textbook and supply room.
Owner—Petaluma Board of Education, Supt. of Schools, Fair St., Petaluma.
Architect—Not Announced.

Bond election is tentatively scheduled for February 19. • 15

January 15, 1946
COMPLETING PLANS
SCHOOL BLDG. Cost, $89,500
PLEASANTON, Alameda Co., Calif.
Construction of school building containing 10 classrooms, lavatory facilities and admin. offices.
Owner—Pleasanton Joint School District, Pleasanton.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco. • 15

January 15, 1946
TO PREPARE PLANS
SCHOOL BUILDING
CHICO, Butte Co., Calif. Hooker Oak School.
Construction of school building.
Owner—Chico Board of Education, F. F. Martin, superintendent of schools, Chico.
Architect—Charles F. Dean, California State Life Bldg., Sacramento. 15

January 15, 1946
PREPARING PLANS
SCHOOL ADDITIONS
MOUNTAIN VIEW, Santa Clara Co., Calif.
Construction of school addition to provide 5200 sq. ft. of floor space, cost $44,000; additional classrooms, 4200 sq. ft., cost $33,000, and gymnasium addition, cost $47,000.
Owner—Mountain View Union High School, Mountain View.
Architect—Birge M. Clark, 310 University Ave., Palo Alto. 15

January 15, 1946
PREPARING PLANS
SCHOOL BUILDING Cost, $158,000
PLEASANTON, Alameda Co., Calif.
Construction of new school building to contain 14 classrooms, cafeteria, auditorium, library, administration building, etc.
Owner—Pleasanton Joint School District, Pleasanton.
Architect—Ralph N. Kerr, 308 Broadmoor Blvd., San Leandro. 15

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Ward Bidgs., Stockton State Hosp., Stockton; Bids open Jan. 29, 2:00 P. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Peninsula Ave. Overcrossing, San Mateo; Bids close Jan. 16, 2 P. M.
M. & K. Corp., 200 Financial Center Bldg., S. F. (Ebrook 7624).
Robt. McCarthy Co., 1050 Kirkham St., S. F. (OVerland 4050).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
Carl N Swenson Co., 355 Stockton Ave., San Jose 4 (BAllard 2602).
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).
Harry J. Oser and Joe Gerrick & Co., 1119 Hobart Bldg., S. F. (DO 5175)
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).

Danforth Building, Oakland; Bids open January 21.
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).
Shaul Constr. Co., 1630 Webster St., Oakland (GLencourt 7400).

Alter Continental Bakery, San Francisco; Bids open January 15, 3 P. M.
G. P. W. Jensen & Sons, 320 Market St., S. F. (GArfield 2444).
Jacks & Irvine, 620 Market Street, San Francisco (GArfield 2106).
R. A. Cullen, 478 Jackson Street, San Francisco (SUtter 1951).
H. S. Meinberger, 956 Folsom St., San Francisco (EXbrook 9857).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
A. Nelson, Inc., 242 Ocean Ave, San Francisco (DElaware 0677).

Conversion Bldg., No. 401, S. F. Naval Shipyard, San Francisco; Bids open January 31, 11 A. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
A. Farnell Blair, 9 Main Street, San Francisco (YUkon 0390).

Exterior Alterations, Southern Pacific Hospital, San Francisco; Bids open January 21, Noon.
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).
Rademann-Giusto, 40 Ringold Street, San Francisco (MArket 8151).

Two Bridges, San Joaquin County; Bids close January 23, 2 P. M.
Carl N Swenson Co., 355 Stockton Ave., San Jose 4 (BAllard 2602).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Laboratory Bldg., Moffett Field; Bids close January 30, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
Carl N. Swenson Co., 355 Stockton Ave., San Jose (BAllard 2602).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054).

Alter Loft Bldg., 1244 Larkin St., San Francisco; Bids open Jan. 17, 1:30 PM
Henry Artan, 4142 Geary Blvd., San Francisco (BAyview 5797).

Warehouse, 8th and Ohio, Richmond; Bids open January 25, 10 A. M.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Erbentraut & Summers, 446 6th St., San Francisco (MArket 8310).

Nursery and Residence, Valencia St., S. F.; Bids open Jan. 24, 1 P. M.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).
Rademann-Giusto, 40 Ringold Street, San Francisco (MArket 8151).

Theater, Garfield Bldg., Market St., S. F.; Bids open January 15.
A. J. Hopper Co., 243 Langton St, San Francisco (MArket 7070).

Bldgs., Services, Reserve Fleet Berthing, Mare Island; NOy 13295; Spec. 17459; Bids open February 1, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
Peter Kiewit Sons Co., 441 Post St., San Francisco (EXbrook 5736).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).

Garage and Auto Sales Bldg., Burlingame; Bids open Jan. 18, 3 P. M.
Parker, Steffens & Pearce, 135 South Park, S. F. (EXbrook 6639).

CONTRACTORS—Save Money and Time
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HEAVY DUTY SWINGING SCAFFOLDS
STEELFORM CONTRACTING CO.
666 Harrison St. DO 5583 San Francisco

ADVANCE CONSTRUCTION REPORTS

16— BANKS, STORES AND OFFICES

January 15, 1946

LOW BIDDER
REMODEL STORE BLDG.
SAN FRANCISCO. Grant Avenue at Maiden Lane.
Remodel store building to provide modern three-story building (69x85 ft.) for women's apparel and containing 26,500 ft. of floor space divided into semi-enclosed shops; fluorescent and incandescent lighting.
Owner — Hale Bros., Marshal Hale, Jr., Pres., 5th and Market Sts.
Architect — William G. Merchant, 57 Post Street.
Low Bidder—G. P. W. Jensen & Sons Inc., 320 Market St., $90,770.
* * 16

January 15, 1946

PLANNED
STORE BUILDING
BURLINGAME, San Mateo Co., Calif. Broadway and Chula Vista Ave.
Construction of a building to contain six stores.
Owner—George W. Williams Co., 10 California Dr., Burlingame.
Architect—Not announced. 16

January 15, 1946

BIDS POSTPONED UNTIL JAN. 19
STORE BUILDING
Approximate Cost, $100,000
PITTSBURG, Contra Costa Co., Calif. Railroad Ave and E. 7th St.
Construction of new corner store building (100x101 ft.); alter exterior walls of adjacent building (25x100 ft.), and construction of new adjoining building (50x180 ft.), all construction to be steel frame and reinforced concrete.
Owner — Camillo Lamzafame, c/o architect.
Architect—Philip D. Tomasello, Room 305, 605 Washington St., San Francisco.

Bid opening date postponed from January 14. * 16

January 15, 1946

PLANNED
MEDICAL-DENTAL BUILDING
Cost, $500,000
SAN FRANCISCO. Northeast corner Geary Blvd. and Sixth Ave.
Construction of six-story and basemnet reinforced concrete medical-dental building, with basement to be used for a garage; fireproof materials, etc., to provide about 60 physicians and dentists.
Owner—Dr. Ellsworth R. Eldenmuller, 129 Clement St., San Francisco.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco. * 16

January 15, 1946

CONTRACT AWARDED

PASADENA, Los Angeles Co., Calif.—Clement Construction Co., 2222 S. Charlotte St., San Gabriel, has been awarded a contract and will start work soon on the construction of a 1-story reinforced concrete commerial building to contain drug store, 5- and 10-cent store, market, electric shop, restaurant and beauty parlor at the corner of E. Colorado and San Gabriel Blvds., Pasadena, for Garland Jack Biffle; 144x282 ft. in area. Plans were prepared by Russell L. Perrin, engineer, 232 W. Main St., Alhambra. 16

January 15, 1946

TO AWARD CONTRACT

COMPTON, Los Angeles Co., Calif. —L. E. Dixon Co., 609 S. Grand Ave., Los Angeles, will be awarded contract for the construction of a 1-story and basement reinforced concrete store building on an 8-acre site at the southeast corner of Long Beach Blvd. and Orchard St., Compton, for Sears, Roebuck & Co.; 300x375 feet in area. Plans also provide for a 3-story tower, a concrete and steel service station building and a nursery building. Plans were prepared by Stiles Clemments, associated architects and engineers, 1135 Van Nuys Bldg., Los Angeles. 16

January 15, 1946

WORK STARTED
EXCHANGE ADDITION
ALBANY, Alameda Co., Calif. 1612 Solano Drive.
Alterations and additions to Landscape telephone exchange bldg.
Owner—Pacific Telephone and Telegraph Co., 140 New Montgomery Street, San Francisco.
Plans by Engrg. Dept. of Owner.
Contractor—Elmer J. Freethy, 1432 Kearney St., El Cerrito. * * 16

January 15, 1946

CONTEMPLATED
STORE BUILDING
RICHMOND, Contra Costa Co., Cal. Andrade and 23rd Streets.
Construction of super market containing 8900 sq. ft. of floor space, to include drug store, liquor department, bakery dept. fruit and vegetable dept. and butcher shop and providing parking area for 34 automobiles.
Owner—Walter Kauffman 435 24th St., Richmond.
Architect—Not Announced.
Contractor—R. J. Stempel, 5430 Macdonald Ave., Richmond. 16

January 15, 1946

BIDS POSTPONED UNTIL JANUARY 15, 2 P. M.
MARKET AND STORE BUILDING
MILL VALLEY, Marin County, Calif. Blithedale and Sycamore Sts.
Construction of one and part two-story frame and stucco market and store building.
Owners—H. W. Johnson and H. T. Lenci, c/o architect.
Architect — Winfield H. Hyde, 706 Butler Bldg., Stockton and Geary Sts., San Francisco.

Bid opening date postponed from January 14, 4 P. M.

Bids will be opened on second floor, City Hall, Mill Valley.

The following contractors will be furnished plans:

De Luca & Son, 1745 Filbert St., San Francisco.

Litchfield Construction Co., 271 Francisco Blvd., San Rafael.

John Rocco, 415 4th St., San Rafael.

Younger Construction Co., 575 Mission St., San Francisco.

Parker, Steffens & Pearce, 135 South Park, San Francisco.

Howes & Whitaker, 626 Russ Bldg., San Francisco.

John Leibert & Son, 211 Albert St., San Rafael.

M. J. King, Inc., 231 Franklin St., San Francisco.

Stolte, Inc., 8451 San Leandro St., Oakland. * 16

18—WHARVES & DOCKS

January 15, 1946

PREPARING PLANS

ASTORIA, Ore.—The Bureau of Yards and Docks, Navy Department, Washington, D. C., is preparing plans for a mooring basin for about 500 ships and about 15 piers at Tongue Point, Astoria, Ore. A call for bids will probably be issued about the end of February by Capt. G. A. Duncan, 13th Naval District public works officer, Exchange Bldg., Seattle.

The work involves:
(1) construction of a solid fill and sheet piling breakwater which will cross the John Day entrance at a point about 6000 ft. downstream from the mouth of the John Day River. The breakwater will being at high water shoreline approximately 500 ft. north of the entrance to Mill Creek and will extend channelward about 3300 ft., from which point it will continue northwest for about 2400 ft., roughly paralleling the shoreline;
(2) about 15 piers will be constructed in the area within the breakwater and dredging will be done to 15 and 20 ft. below low water;
(3) dredging of new John Day channel in the existing channel some 2000 ft. south of proposed breakwater and extending northeasterly about 5000 ft. into Cathlamet Bay.
(4) all material dredged to be disposed in the area between the proposed channel and breakwater.

Estimated cost is between $6,000,000 and $7,000,000. 18

19—MISC. CONSTRUCTION

January 15, 1946

CONTRACT AWARDED
MAUSOLEUM ADDITION
Contract Price, $197,100
HAYWARD, Alameda County, Calif. 26320 Niles Rd., Holy Sepulchre Cemetery.
Construction of addition to mausoleum building.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architects—Henry A. Minton & Wilton Smith, 1045 Sansome St., San Francisco.
Contractor — Moore & Roberts, 693 Mission St., San Francisco. * 19

January 15, 1946

PLANNED
SUBSTATION
Approximate Total Cost, $3,368,000
MORAGA, Contra Costa Co., Calif.
Construction of main substation, warehouse and shop building and two operators' cottages, in addition to electrical equipment.
Owner—Pacific Gas & Electric Co., 245 Market St., San Francisco.
Plans by engineering department of owner.

The proposed station will receive 220,000 volts of hydroelectric power from the owner's Vaca-Dixon substation in Solano County over a $2,747,000 twin-circuit transmission line and is expected to be in operation late this year. * 19

January 15, 1946

PLANNED
SUBSTATION BUILDING $965,000
ALAMEDA COUNTY, Calif. Claremont District.
Construction of substation building.
Owenr—Pacific Gas & Electric Co., 245 Market St., San Francisco.
Plans prepared by engineering department of owner.

The new substation will provide new power supply for Emeryville industries. * 19

20— MISC. SUPPLIES AND MATERIALS

January 15, 1946

BIDS WANTED

SAN LUIS OBISPO, Calif.—Until January 18, 3 P. M., bids will be received by the Department of Public Works, Division of Highways, L. H. Gibson, district engineer, 50 Higuera St., San Luis Obispo, Calif., for furnishing one 165-gallon capacity asphalt kettle, portable, with pneumatic tires and equipped with kerosene burner.

Specifications obtainable from the above office. 20

January 15, 1946

BIDS WANTED

SAN FRANCISCO.—Bids will be received by the U. S. Department of Agriculture, Forest Service, 447 Sansome Street, San Francisco, for materials as follows:

January 21, 2 P. M.
BID No. 342: Manila covers for delivery at Forest Service Print Shop, 447 Sansome Street.
January 28, 2 P. M.:
BID No. 338: Radio repair parts (wire, cord, etc.,) fob San Francisco.
January 28, 2 P. M.:
BID No. 339: Radio repair parts (switches, name plates, plugs, sockets, clips, etc.), fob S. F.;
January 29, 2 P. M.:
BID No. 340: Radio repair parts (misc.), fob San Francisco.
January 30, 2 P. M.:
BID No. 341: Transmission line and fittings for radios, fob S. F.

Specifications obtainable from the above office. * * 20

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Sewers and Sewage Disposal Plants 32
Waterworks 33
Parks and Playgrounds 34
Tunnels 35

21— BRIDGES

January 15, 1946

BIDS WANTED

SAN DIEGO, Calif.—Until Feb. 14, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, State Highway Engr., State Bldg., Los Angeles, for construction of reinforced concrete overcrossing over Balboa Parkway at Richmond St., San Diego.

Work involves:
(1) 1,000 c.y. struc. excav.;
(2) 800 c.y. struct. backfill;
(3) 946 c.y. Class A portland cement concrete;
(4) 434 l.f. steel railing;
(5) 700 lbs. misc. iron and steel;
(6) 253,000 lbs. furnish bar reinf. steel
(7) 253,000 lbs. place do;
(8) lighting equipment;
(9) misc. items of work.

Specifications obtainable from the office of State Highway Engineer, Public Works Bldg., Sacramento.
* * 21

January 15, 1946

BIDS WANTED

LOS ANGELES, Cal.—Until Feb. 14 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, State Highway Engr., State Bldg., Los Angeles, for construction of two overhead crossings and retaining walls on Santa Ana Parkway over Ramona Parkway Ramp 4 in Los Angeles.

Work involves:
(1) 5,100 c.y. rdwy. excav.;
(2) 1,300 c.y. struc. excav.;
(3) 3,100 c.y. struc. backfill;
(4) 2,260 c.y. Class A portland cement concrete;
(5) 642 l.f. concrete railing;
(6) 300,000 lbs. furnish bar reinf. steel
(7) 300,000 lbs. place do;
(8) 1,300 lbs. misc. iron and steel;
(9) 315 l.f. rubber water stop;
(10) electrical equipment;
(11) misc. items of work.

Specifications obtainable from the office of State Highway Engineer, Public Works Bldg., Sacramento.
* * 21

January 15, 1946

BIDS WANTED

KERN COUNTY, Calif.—Until Feb. 13, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, State Highway Engineer, Public Works Bldg., Sacramento, for construction of a steel beam span bridge and about one mile of grading and applying bituminous surface treatment at Freeman Gulch, Kern County.

Work involves:
(1) remove existing bridge;
(2) 2 c.l. remove concrete;
(3) clear and grubb;
(4) 34,300 c.y. rdwy. excav.;
(5) 1,980 c.y. struc. excav.;
(6) 2,600 c.y. ditch and channel excavation.
(7) 5,000 sq. yds. compact original ground;
(8) 4,500 c.y. import borrow;
(9) 280,000 sta. yds. overhaul;
(10) develop water supply and furnish water equipment;
(11) 1,800 M. gals. apply water;
(12) 53 sta. finish rdwy.;
(13) 14,500 sq. yds. prepare, mix and shape surf., bit. surf. treat.;
(14) 136 tons liq. asph. SC-3 or -4. bit. surf. treat.;
(15) 14 M. fbm Douglas fir timber;
(16) 737 c.y. Class A portland cement concrete structs.;
(17) 71,000 lbs. furnish struc. steel:
(18) 71,000 lbs. erect do;
(19) 91,000 lbs. furnish bar reinf. steel
(20) 91,000 lbs. place do;
(21) 246 c.y. sacked conc. riprap;
(22) 292 l.f. tee rail bridge railing:
(23) 6 each monuments;
(24) 22 each culvert markers, project markers and guide posts;
(25) 74 l.f. 24-in. CMP, 14 gage:
(26) 82 l.f. 36-in. CMP, 12 gage;
(27) 1 each remove and reset headwalls;
(28) 103 l.f. salvage exist. pipe culverts;
(29) 10 c.y. surf. down drains;
(30) misc. items of work;

Specifications are obtainable from the above office. * * 21

January 15, 1946

CONTRACT AWARDED

LOS ANGELES, Calif.—Byerts & Dunn, 1131 N. Orange Grove Ave., Los Angeles, at $219,901, was awarded contract by State Director of Public Works C. H. Purcell, Public Works Bldg., Sacramento, for construction of a reinforced concrete overcrossing on Santa Ana Parkway at 7th St. in the City of Los Angeles, Los Angeles County. * 21

January 15, 1946

CONTRACT AWARDED

RIO VISTA, Sacramento Co., Calif. —Rio Vista Kiss Crane Co., Rio Vista, at $9450, awarded contract by State Director of Public Works C. H. Purcell, Public Works Bldg., Sacramento, for removing a portion of a bridge across the Sacramento River at Rio Vista (X-Sac-53-C) in Sacramento County. * 21

January 15, 1946

BIDS WANTED

LOS ANGELES, Calif.—Until Feb. 14, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, State Highway Engineer, State Bldg., Los Angeles, for construction of structural steel overhead crossing on Terminal Island Freeway over the tracks of Union Pacific, Southern Pacific and Pacific Electric at Anaheim Street, Los Angeles.

This is a National Defense contract.

Work involves:
(1) 9,000 c.y. struc. excav.;
(2) 8,300 c.y. Class A portland cement concrete;
(3) 4,094,000 lbs. furnish struc. steel;
(4) 4,094,000 lbs. erect do;
(5) 75,160 l.f. furnish timber piles;
(6) 1,668 each drive timber piles;
(7) 3,770 l.f. furnish steel piles;
(8) 58 each drive do;
(9) 40 each pile splices;
(10) 1,622,000 lbs. furnish bar reinf. steel;
(11) 1,622,000 lbs. place do;
(12) 3,566 l.f. steel railing;
(13) electrical equipment;
(14) misc. items of work.

Specifications are obtainable from the above office. * * 21

22— DREDGING, HARBOR WORKS, EXCAVATION

January 15, 1946

BIDS REJECTED

REDONDO BEACH, Los Angeles Co., Calif.—State Director of Public Works C. H. Purcell has rejected bids submitted to the California Department of Public Works, Division of Water Resources, 803 State Bldg., Los Angeles, for construction of a stone seawall in the City of Redondo Beach.

Guy F. Atkinson Co., 1103 Heartwell Bldg., Long Beach, at $179,600, submitted low bid. 22

25—MACHINERY AND EQUIPMENT

January 15, 1946

BIDS WANTED

BAKERSFIELD, Kern Co., Calif.—Until Jan. 21, 5 P. M., bids will be received by the City of Bakersfield, city clerk's office, City Hall, Bakersfield, for furnishing and delivering two refuse dump trucks, to the Street Department. Certified check for 10% to accompany bids. * 25

January 15, 1946

BIDS WANTED

INYO COUNTY, Calif.—Until Feb. 8, 8 P. M., bids will be received by the board of trustees of the Olancha Union Elementary School District, J. F. Saner, clerk, Inyo County, for the purchase (and/or lease) of one complete school coach.

Specifications obtainable from the above office. 25

January 15, 1946

COMPLETE BIDS

COLUMBIA BASIN PROJECT, Washington.—As previously reported, McKiernan-Terry Corp., Harrison, N. J., at $360,500, f.o.b. Harrison, submitted low bid to the U. S. Bureau of Reclamation, Denver, under Spec. 1124 for furnishing and delivering nine hydraulic hoists for the penstock coaster gates and one set of erection equipment for installation at Grand Coulee Dam, Columbia Basin Project, Washington, f.o.b. shipping point and/or cars at Odair, Wash.

Other bids were:

Koppers Co., Inc., Bartlett-Hayward Division, $614,640, f.o.b. Baltimore, Md.

American Bridge Co., Denver, Colo., $624,987, f.o.b. Gary, Ind.

Premier Gear & Machine Works, 1700 NW. Thurman, Portland, Ore., $396,000, f.o.b. Portland, Ore.

Joshua Hendy Iron Works, San Francisco, $401,053, f.o.b. Sunnyvale.

Isaacson Iron Works, 2917 E. Marginal Way, Seattle, $408,020, f.o.b. Odair, Wash.

Willamette Iron & Steel Co., 3050 NW. Front, Portland, Ore., $414,800, f.o.b. Portland, Ore.

Hardie-Tynes Manufacturing Co., Birmingham, Ala., $454,960, f.o.b. Birmingham, Ala.

Consolidated Steel Corp., Los Angeles, $449,450, f.o.b. Los Angeles.

Watervliet Arsenal, Watervliet, N. Y., $505,000.

Thomas Machine Manufacturing Co., Pittsburgh, Pa., $1,100,000, f.o.b. Glenshaw, Pa.

Watertown Arsenal, Watertown, Mass., $860,000, f.o.b. Watertown, Mass. * 25

29— STREETS AND HIGHWAYS

January 15, 1946

BIDS WANTED

FLAGSTAFF, Ariz.—Until January 30, 11 A. M., bids will be received by the Arizona State Highway Commission, 1739 W. Jackson St., Phoenix, Ariz., for the improvement of the Flagstaff-Winslow Highway, EI-81 (4) Sch. 2 AFE 6670. The work involves 7 miles of grading, draining and paving, beginning about 7½ miles east of Flagstaff and extending easterly. Plans and specifications available from the above office upon payment of $11.25; guarantee of 10% to accompany bids.

The work involves:
(1) 210,700 cu. yds. roadway excavation;
(2) 10,000 cu. yds. overbreakage;
(3) 10,000 cu. yds. slides;
(4) 1600 cu. yds. drainage excavation;
(5) 7100 lin. ft. grader ditches;
(6) 1200 cu. yds. structural excavation;
(7) 368,000 sta. yds. overhaul;
(8) 4500 cu. yds. mile haul;
(9) 7000 tons imported borrow;
(10) 66,700 tons aggregate base;
(11) 17,000 cu. yds. stripping pits;
(12) 7300 M gallons sprinkling;
(13) 2800 hours rolling;
(14) 99,500 sq. yds. concrete pavement;
(15) 1034 cu. yds. class A concrete;
(16) 179 cu. yds. class D concrete;
(17) 127,500 lbs. reinforcing steel;
(18) 195,400 lbs. structural steel;
(19) 427 lin. ft. structural steel handrail;
(20) 1620 lin. ft. steel pipe shells;
(21) 46 each driving pile shells;
(22) 1620 lin. ft. filling steel pile shells
(23) 1286 lin. ft. corrugated metal pipe;
(24) 5 each cattle guards;
(25) 72,200 lin. ft. standard line fence;
(26) 7300 lin. ft. road guard;
(27) 9400 tons mineral aggregate;
(28) 800 tons road oil, SC-4;
(29) 7.1 miles processing road mix;
(30) 1050 tons screenings;
(31) 142 tons emulsified asphalt, class A. 29

January 15, 1946

BIDS WANTED

MERCED, Calif.—Until January 22, 2 P. M., bids will be received by the U. S. Engineer Office, Wright Bldg., Sacramento, under Spec. 1207 for numbering and striping one runway at Merced Army Airfield. * 29

January 15, 1946

BIDS WANTED

EL DORADO COUNTY, Cal.—Until Feb. 13, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, State Highway Engineer, Public Works Bldg., Sacramento, for about 3.4 miles grading and surfacing with plant mix surfacing on crusher run base between Shingle Springs and 1¼ miles west of El Dorado, El Dorado County.

Work involves:
(1) 35 c.y. remove concrete;
(2) 36 acres clear and grubb;
(3) 183,000 c.y. rdwy. excav.;
(4) 2,050 c.y. struc. excav.;
(5) 2,450 c.y. ditch and channel excavation;
(6) 13,500 sq. yds. compact original ground;
(7) 790,000 sta. yds. overhaul;
(8) 27,000 c.y. imported borrow;
(9) develop water supply and furnish water equipment;
(10) 3800 M. gals. apply water;
(11) 182 sta. finish rdwy.;
(12) 150 c.y. salvage surfacing;
(13) 14,300 tons crusher run base;
(14) 125 tons liq. asph. SC-0 and -2 prime coat and pene. treatment;
(15) 300 tons sand prime coat and pene. treatment;
(16) 36 tons asph. emulsion seal coat
(17) 310 tons screenings, seal coat;
(18) 7,400 tons min. agg. plant mix surfacing;
(19) 410 tons pave. asph., plant mix surfacing;
(20) 370 c.y. Class A portland cement conc. struc.;
(21) 33,000 lbs. bar reinf. steel;
(22) 78 each monuments;
(23) 350 l.f. temporary guard rail;
(24) 500 l.f. metal plate guard rail;
(25) 44 each culvert markers;
(26) 100 each guide posts;
(27) 1.45 miles remove and reconstruct existing property fence;
(28) 810 l.f. 8-in. CMP, 16 gage;
(29) 150 l.f. 12-in. do;
(30) 1,060 l.f. 18-inch do;
(31) 120 l.f. 18-in. CMP siphon, 16 gage;
(32) 370 l.f. 24-in. CMP, 14 gage;
(33) 180 l.f. 24-in. do, 12 gage;
(34) 260 l.f. 36-inch do;
(35) 4 each field joints, siphons;
(36) 4 each cast steel frames and covers for drop inlets;
(37) 660 l.f. 8-in. perf. metal pipe underdrains;
(38) 125 c.y. filter material;
(39) 94 l.f. salvage pipe culverts;
(40) 94 l.f. re-lay salvaged CMP;
(41) 26 each spillway assemblies.

Specifications are obtainable from the above office. * * 29

30—RESERVOIRS & DAMS

January 15, 1946

PREPARING PLANS

SONOMA, Calif.—Engineer A. E. Cowell, Boyes Springs, Calif., is preparing plans for the City of Sonoma for the construction of a steel reservoir; estimated cost, $10,000. 30

January 15, 1946

BIDS OPENED

SEATTLE, Kings Co., Wash.—Paul Jarvis, Inc., 3951 6th NW., Seattle, Wash., at $164,016, submitted low bid to the Seattle Board of Public Works, 509 County-City Bldg., Seattle, Wash., for replacing a portion of the existing Cedar Falls wood stave penstock No. 5 with a 78-in. electrically welded steel penstock. The work includes 2541 ft. of 78-in. electrically welded steel penstock, 500 cu. yds. concrete and 11,500 lbs. of reinforcing steel, to be used between masonry dam and Cedar Falls.

Other bidders were:

Morrison-Knudsen Co., Inc., $194,436.

M. P. Munter, $198,879.

Beal & Roberts, $212,049.

Puget Sound Machinery Depot, $218,484.

Rumsey & Co., $231,328.

General Construction Co., $240,070. 30

31—PIPE LINES & WELLS

January 11, 1946

PREPARING PLANS

MORGAN HILL, Santa Clara Co., Calif.—Engineer W. J. Hanna, city engineer, Gilroy, Calif., is preparing plans for the Town of Morgan Hill for the construction of a sump pump and pipeline; estimated cost, $1500. 31

January 15, 1946

BIDS WANTED

YOLO COUNTY, Calif.—Until January 31, 2 P. M., bids will be received by the State Divilison of Highways, C. H. Whitmore, district engineer, 703 B St., Marysville, for drilling water well at the State Highway Nursery, about three miles east of Davis, Yolo County.

The work involves:
(1) 200 lin. ft. drilling and casing well
(2) 30 hours pumping well.

Specifications obtainable from the above office. 31

January 15, 1946

BIDS OPENED

COLUSA, Colusa Co., Calif.—L. C. Parkinson at $1612.50 submitted low bid to the U. S. Indian Irrigation Service, 647 Phelan Bldg., San Francisco, under Inv. No. 6-46 for drilling 16-inch water well on the Old Tuttle Ranch near Colusa.

Work involves:
(1) 100 ft. for constructing the first 100 ft. or less of well; contractor to supply all materials and do all work, including perforating and sand-pumping;
(2) 50 ft. for constructing well as described in Item 1 from 100 to 150 feet;
(3) lump sum for testing the well (actual running time 24 hours) with deep-well turbine pump driven by engine of satisfactory size and horsepower, all to be supplied, installed and operated by the contractor;
(4) 8 hours, work of driller and helpers and use of well rig, all appurtenant equip. and tools for doing such extra or unforeseen work as may be ordered by the engineer.

Complete bids were:

L. C. Parkinson, (1) $823; (2) $436.50; (3) $305; (4) $48; total, $1612.50.

O. J. Pearson, (1) $1400; (2) $750; (3) $450; (4) $56; total. $2656. * * 31

January 15, 1946

CONTRACT AWARDED

SAN FRANCISCO.—Hilfiker Concrete Pipe Co., 424 Brett St., Eureka, at $2377.20, awarded contract by the U. S. Indian Irrigation Service, 647 Phelan Bldg., San Francisco, under Bid No. 1-46 for standard concrete irrigation pipe and reinforced concrete sewer pipe, f.o.b. trench side, Hoopa Valley Indian Reservation, Humboldt County * 31

33—WATERWORKS

January 15, 1946

CONTRACT AWARDED

PITTSBURG, Contra Costa County, Calif.—Pacific Pipe Line Constr. Co., 2128 San Pablo Ave., El Cerrito, at $23,955 awarded contract by the City of Pittsburg, Frank R. Taormina, city clerk, City Hall, Pittsburg, for construction of addition to the filtration plant. * 33

January 15, 1946

CONTRACT AWARDED

SAN MATEO COUNTY, Calif.—Edwin J. Tobin, 1000 Carleton St., Berkeley, at $3331, awarded contract by the County of San Mateo, Frederick Peterson, county purchasing agent, Courthouse, Redwood City, for construction of a 4-in. class 150 cement-lined cast iron bell and spigot pipe water main with gate valves, etc., on Sevier Ave. between Newbridge Ave. and Hamilton Ave., in Newbridge Park. 33

(Continued on Page Four)

GOVERNMENT OWNED SURPLUS
CONSTRUCTION MATERIALS and EQUIPMENT
FOR SALE by RFC
for immediate delivery at substantial savings!
CONTRACTORS
BUILDERS
MINE OPERATORS

In addition to the classes of materials listed below, RFC has or will have a wider choice of surplus items from which you can make selections to meet your needs . . . If you are not already on RFC mailing lists . . . describe your needs in a letter addressed to the Surplus Property Division of your nearest agency. Future offering lists will then be mailed direct to you.

Check Your Needs

☐ STEEL LANDING MATS
Suitable for flat reinforcing . . . Metals Unit.
☐ SPAR VARNISHES
Clear in 1 and 5 gallon cans . . . Chemical Unit.
☐ WELDING MACHINES
300 and 400 amp. electric driven . . . Tool Unit.
☐ STANDARD WIRE ROPE
Varying lengths and sizes available, ⅜" to 2" . . . Metals Unit.
☐ ELECTRIC GENERATOR UNITS
Small and large for floodlighting, etc . . . Electrical Unit.
☐ ROPE
Variety of sizes, fibers, from ¼" to 3⅝" diameter . . . Miscellaneous Unit.
☐ LUMBER
Used—Reclaimed—Unused . . . Miscellaneous Unit.
☐ PILING
Treated and untreated . . . Miscellaneous Unit.
☐ COPPER WIRE
Single, double strand suitable for rural use . . . Electrical Unit.
☐ PIPE, FITTINGS AND VALVES
Various sizes, types and quality . . . Metals Unit.
☐ MACHINE TOOLS
Light and heavy duty and precision machine tools . . . Tool Unit.
☐ EXTERIOR PAINT
Lead base white . . . Chemical Unit.
☐ WOOD PRESERVATIVE
For open tank treatment . . . Chemical Unit.
☐ LAMINATED PHENOLIC SHEETS
Suitable for electric control panels . . . Chemical Unit.
☐ STEEL
Structurals, sheets, plates, bars . . . Metals Unit.
☐ BUILDING PAPER
Wire reinforced . . . Miscellaneous Unit.
☐ LACQUER DOPES
In a variety of colors . . . Chemical Unit.

Surplus property offerings are subject to prior sale. All sales are subject to tax regulations.
WRITE, WIRE OR TELEPHONE
RECONSTRUCTION FINANCE CORPORATION
A Disposal Agency Designated By The Surplus Property Administration
200 Bush Street • San Francisco 4 • California
SURPLUS PROPERTY DIVISION: 256 Montgomery Street, Telephone EXbrook 6206
or the Nearest RFC Office
WESTERN OFFICES: Boston Bldg., DENVER, Alpine 0415 . Power Block, HELENA, Phone 481 . Pacific Mutual Bldg., LOS ANGELES, Michigan 6321 . Pittock Block, PORTLAND, Atwater 6401 . Dooly Bldg., SALT LAKE CITY, 5-7503
Dexter Horton Bldg., SEATTLE, Main 1080 . Columbia Bldg., SPOKANE, Main 5111

ARE YOU GOING TO BUY AN AUTOMATIC CLOTHES WASHER?

Make sure your home has an ample-size water heater—at least 30 gallon capacity.

The next time you buy an automatic water heater for your home or for the new home you are planning, provide an adequate water supply for a new automatic washing machine or electric dishwasher. Hot water and plenty of it, activates soap into billions of energetic cleansing bubbles. Then steamy torrents of sterilizing rinse-water restore clothes to bright newness and dinner dishes to shining cleanliness. It costs very little more at the start to buy an ample family-size water heater to take care of washday, bathroom and kitchen hot water needs. And operating cost too, is very little more. Remember your family uses lots of hot water. Tests show that the average family of four uses more than 50 gallons a day. A small size water heater wears out from overwork in many a home. Buy wisely... buy a bigger water heater next time.

FLEXY
SPEEDY
STEAMY
CLEANY

SEE YOUR DEALER, OR
P·G·and·E·
PACIFIC GAS AND ELECTRIC COMPANY
204W-146

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS

Building Permits, $1,000 and Over, Applied For

SAN FRANCISCO COUNTY

CLASS C STEEL AUTO LAUNDRY
E. FILLMORE 60 FT. N LOMBARD.
Owner—Antone Zietich, 900 Edinburgh.
Builder—W. Fletcher Construction Co., 3200 Madelaine St., Oakland.
Architect—Not Given. $7,000
(Application No 85234)

1-STORY COMMERCIAL BUILDING
NW. 46TH AVE. AND TARAVAL.
Owner—Ralph P. Kattgee, 1835 38th Ave.
Builder—Not Let.
Architect—Not Given. $6,000
(Application No 85220)

1-STORY FRAME DWELLING
W. 43RD AVE. 100 FT. N. ORTEGA.
Owner and Builder—Superior Building Co., 1426 Noriega.
Architect—Not Given. $5,400
(Application No 85221)

1-STORY FRAME DWELLINGS (3)
W. 43RD AVE. 125, 150, 175 N. ORTEGA.
Owner and Builder—Superior Building Co., 1426 Noriega.
Architect—Not Given. $5,400 each
(Application Nos 85222-24)

1-STORY FRAME DWELLINGS (2)
E. 44TH AVE. 100 FT. N. MORAGA; W. 44TH AVE. 250 FT. N. MORAGA.
Owner and Builder—Superior Building Co, 1426 Noriega.
Architect—Not Given. $5,400 each
(Application Nos 85225-26)

1-STORY FRAME DWELLINGS (2)
N. SUREY ST. 96 FT. E. DIAMOND; N. SUREY ST. 94 FT. E. DIAMOND.
Owner and Builder—S. J. Olofsen, 2683 Diamond St.
Architect—Not Given. $4,000 each
(Application Nos 85218-19)

Building Permits, $1,000 and Under, Applied For

SAN FRANCISCO COUNTY

ALTER DWELLING, $200; 526 Pacheco St; owner, Dee Engineering Co, 526 Pacheco; builder, American Terrezza Co, 36 Wood St.

Building Permits, $1,000 and Over, Applied For

ALAMEDA COUNTY

STORE
1604 FOURTH, BERKELEY.
Owner and Builder—Pacific Paint & Varnish, 4th and Cedar Sts.
Engineers—Ellison & King, 500 Sansome St., San Francisco. $25,000

STORE
2009 ADDISON, BERKELEY.
Owner and Builder—Bradshaw & Williamson, 1632 University.
Plans by L. W. Howard, Albany. $10,000

ADDITION
1648 UNIVERSITY, BERKELEY.
Owner and Builder—H. B. Williamson, 1632 University.
Planc by L. W. Howard, Albany. $10,000

WELDING SHOP
642 VIRGINIA, BERKELEY.
Owner and Builder—Fluor Corp., Ltd., 3rd and Virginia.
Architect—Not Given. $1,500

ALTERATIONS
2231-33 DERBY, BERKELEY.
Owner and Builder—Bessie Pyron, 2231 Derby.
Architect—Not Given. $1,000

ALTERATIONS
1814 FRANKLIN ST., OAKLAND.
Owner—Leamington, Inc., premises.
Builder—Barrett & Hilp, 918 Harrison St., San Francisco.
Plans by Walter Ballard Corp., Hobart Bldg., San Francisco. $101,000

2-STORY CONCRETE ADDITION
325-27-29-31 19TH ST., OAKLAND.
Owner—Mrs. C. Somps, 889 Sunnyhills Rd.
Builder—D. W. Nicholson Corp., 1701 San Leandro Blvd., San Leandro.
Architect—Guy L. Rosebrook, 1701 San Leandro Blvd., San Leandro. $22,000

1-STORY BRICK WAREHOUSE
1954 ADELINE ST., OAKLAND.
Owner—Stella Diamond, 359 15th St.
Builder—F. H. White, 1615 Broadway.
Plans by C. S. Replogle, 510 Boulevard Way. $17,500

1-STORY 6-ROOM DWELLING
4429 OAK HILL RD., OAKLAND.
Owner—Frank H. Parker, 1672 Trestle Glen Rd.
Builder—George Warn, Builders' Exchange.
Plans by C. N. Burrel, 409 15th St. $12,500

2-STORY 8-ROOM DWELLING
2837 ALIDA ST., OAKLAND.
Owner and Builder—A. R. Lapham, 4144 Coolidge Ave.
Architect—Not Given. $10,500

1-STORY TRIPLEX
2960-62-64 GEORGIA ST., OAKLAND
Owner—M. V. Bragg, 3275 Dakota St.
Builder—Silvera & Bragg, 1823 Fremont Dr., Alameda.
Architect—Not Given. $10,000

1-STORY 6-ROOM DWELLING
1850 MELVIN RD., OAKLAND.
Owner and Builder—Kermit L. Lincoln, 1308 105th Ave.
Architect—Not Given. $10,000

1-STORY 4-ROOM VETERINARY HOSPITAL
9884 MacARTHUR BLVD., OAKLAND.
Owners—S. R. & D. M. Roberts.
Builder—A. L. Holm, 10601 Beverly Ave.
Architect—Michal Goodman, 2471 Cedar St., Berkeley. $9,000

1-STORY 6-ROOM DWELLING
5914 RINCON DR., OAKLAND.
Owner—E. H. Robertson Jr., 5978 Rincon Dr.
Builder—O. W. Johnson, 5506 Thornhill Dr.
Architect—Not Given. $8,400

2-STORY 6-ROOM DWELLING
707 CARLSTON AVE., OAKLAND.
Owner—A. E. Saslaw.
Builder—O. W. Johnson, 5506 Thornhill Dr.
Architect—Not Given. $8,350

1-STORY 5-ROOM DWELLING
6930 CHABOT RD., OAKLAND.
Owner—Wm. Morgensen, 5830 Virmar Ave.
Builder—Morgensen Bros., 5830 Virmar Ave.
Architect—Not Given. $7,500

1-STORY 5-ROOM DWELLING
7790 HILLMONT AVE., OAKLAND.
Owner and Builder—Finn & Farrell, 1231 66th Ave.
Architect—Not Given. $7,000

1-STORY 5-ROOM DWELLING
4423 HYACINTH AVE., OAKLAND.
Owner and Builder—R. J. Adams, 2883 Brookdale Ave.
Architect—Not Given. $6,500

1-STORY 5-ROOM DWELLING
9830 OLIVE ST., OAKLAND.
Owner—E. Lorenzen.
Builder—J. Floyd Perry, 271 Begier Ave.
Architect—Not Given. $6,000

1-STORY 5-RROM DWELLING
1042 60TH ST., OAKLAND.
Owner—H. C. Ledford, 1071 42nd St.
Builder—W. E. Bethel, 1338 67th St., Berkeley.
Architect—Not Given. $5,000

1-STORY 5-ROOM DWELLING
9193 KRAUSE AVE., OAKLAND.
Owner and Builder—W. H. Warren, 3490 Midvale Ave.
Architect—Not Given. $5,000

1-STORY 5-ROOM DWELLINGS (3)
955-961-967 107TH AVE., OAKLAND.
Owner—Alameda Homes Co., 5909 E. 14th St.
Builder—H. S. Pulliam, 5909 E. 14th.
Architect—Not Given. $4,000 each

2-STORY 5-ROOM DWELLINGS (2)
10702-10710 APRICOT, OAKLAND.
Owner—Alameda Homes Co., 5909 E. 14th St.
Builder—H. S. Pulliam, 5909 E. 14th.
Architect—Not Given. $4,000 each

ADDITION
901 HAWLEY ST., OAKLAND.
Owner—Kleer Kleen Manufacturing Corp., 901 Hawley St.
Builder—J. B. Peterson & Son, 511 29th Ave.
Architect—Ray Keefer, 770 Wesley Ave. $3,800

FIRE REPAIRS
1003-07 CAMPBELL ST., OAKLAND.
Owner—Frank Williams, 1003-07 Campbell St.
Builder—Von Bokkelen-Cole Co., 955 22nd St.
Architect—Not Given. $2,000

ADDITION
9801 E. 14TH ST., OAKLAND.
Owner—A. S. Gonsalves, 9801 E. 14th.
Builder—Chas. J. Heinemann & Son, 9626 Walnut St.
Architect—Not Given. $2,000

1-STORY OFFICE BUILDING
4200 PARK BLVD., OAKLAND.
Owner and Builder—Blanks Everett & Co., 824 Everett Ave.
Architect—Not Given. $1,500

ADDITION AND ALTERATIONS
4519 REDDING ST., OAKLAND.
Owner and Builder—Lauretta M. Kann, 4519 Redding St.
Architect—Not Given. $1,500

ALTER DWELLING
1616-18 92ND AVE., OAKLAND.
Owner and Builder—Abe Orr, 5535 E. 17th St.
Architect—Not Given. $1,000

PERMITS UNDER $1,000

ALAMEDA COUNTY

SHED, $900; 1707 Solano; owner, Harry Silver, 59 Richardson Rd; builder, Harry E Kane, 40 Kingston Rd.
ROOF, $779; 2845 Telegraph; owner, L Leonard, 2845 Telegraph; builder, Elliott & Elliott, 2109 San Pablo.
ALTERATIONS, $500; 136 Alvarado Rd; owner, Max Thelan, 136 Alvarado Rd; builder, Mason McDuffie, 2101 Shattuck.
GARAGE, $375; 963 Oxford; owner, Fred C Nelson, 963 Oxford; builder, Mason McDuffie, 2101 Shattuck.
REPAIRS, $355; 2017 Lincoln; owner, F H Campbell, 2017 Lincoln; builder, Park & Ashton, 2401 MacArthur Blvd, Oakland.
ROOF, $264; 1228 Oxford; owner, A Mazzucetti, 1228 Oxford; builder, Dillon Roofing Co, 5212 San Pablo.
ROOF, $260; 1233 Cornell; owner, R Kohonen, 1233 Cornell; builder, Evertite Roofing, 2309 Milvia.
ROOF, $250; 2937 King; owner, E McNeil, 2931 King; builder, Evertite Roofing Co, 2309 Milvia.
ROOF, $250; 1731 Grove; owner, W E Robey, 1731 Grove; builder, Evertite Roofing Co, 2309 Milvia.
ROOF, $250; 2021 Del Norte; owner, S Goff, 2021 Del Norte; builder, Dillon Roofing Co, 5212 San Pablo, Oakland.
ROOF, $208; 1927 Ashby; owner, A M Thurlan, 1927 Ashby; builder, Dillon Roofing Co, 5212 San Pablo, Oakland.
ROOF, $192; 1328 Blake; owner, J L Morris, 1328 Blake; builder, Dillon Roofing Co, 5212 San Pablo, Oakland.
ROOF, $192; 1701 Delaware; owner, J E Riley, 1701 Delaware; builder, Dillon Roofing Co, 5212 San Pablo, Oakland.
ROOF, $150; 2440 Edwards; owner, L Forshel, 2440 Edwards; builder, John T Morris, 2015 Blake.
ALTERATIONS, $80; 3337 California; owner, J Schnoor, 3337 California; builder, Sam Liphitz, 601 63rd.
ROOF, $66; 1120 Parker; owner, F C Kirkham, 1120 Parker; builder, Dillon Roofing Co, 5212 San Pablo, Oakland.

OAKLAND

BILLBOARD, $75; SW corner San Pablo and Ocean; owner and builder, Special Site Sign Co, 3225 Louise.
BILLBOARD, $75; SW cor San Pablo and Ocean; owner and builder, Special Site Sign Co, 3225 Louise St.
METAL SIGNS (2), $70; 400 15th St; owner, Johnie Bets, prem; builder, Coca-Cola Bottling Co, 1340 Cypress St.
METAL SIGN, $50; 3228 San Pablo; owner, John Roderigus, premises; builder, Coca-Cola Bottling Co, 1340 Cypress St.
BILLBOARD, $50; N MacArthur 300 W 94th Ave; owner and builder, Foster & Kleiser, 23rd and Market.
ROOF SIGN, $50; 3815 Telegraph Ave; owner, Pauline Johnson, prem; builder, Coca-Cola Bottling Co, 1340 Cypress St.
METAL SIGN, $50; 3314 Broadway; owner, K Carmeny, prem; builder, Coca-Cola Botting Co, 1340 Cypress St.
METAL SIGNS (7), $40 each; 2427 San Pablo Ave; owner and builder, Han Rosager, 2427 San Pablo Ave.
METAL SIGN, $40; 3815 Telegraph; owner, Pauline Johnson, premises; builder, Coca-Cola Bottling Co., 1340 Cypress St.
METAL SIGN, $40; 3717 39th Ave; owner, Thelma Reinhardt, prem; builder, Coca-Cola Bottling Co, 1340 Cypress St.
METAL SIGN, $40; 3807 Foothill Blvd; owner, John S George, prem; builder, Coca-Cola Bottling Co, 1340 Cypress St.
ROOF SIGN, $40; 1421 35th Ave; owner, Lay Gum, prem; builder, Coca-Cola Bottling Co, 1340 Cypress St.
METAL SIGN, $28; 1054 98th Ave; owner, Gordon Grocery, premises; builder, R L Gehlert Sign Co, 631 40th St.
METAL SIGN, $28; 3445 Foothill; owner Snafu Fountain Lunch, prem; builder, R L Gehlert Co, 631 40th St.
METAL SIGN, $26; 2660 E 16th St; owner, Serve Rite Grocery, prem; builder, R L Gehlert Sign Co, 631 40th St.
BILLBOARD, $25; NW corner 23rd Ave and E 22nd St; owner and builder, Special Site Sign Co, 3225 Louise St.
BILLBOARD, $25; SW cor 14th and Oak Sts; owner and builder, Special Site Sign Co, 3225 Louise St.
METAL SIGN, $20; 4174 35th Ave; owner, Avenue Terrace Market, prem; builder, R L Gehlert Sign Co, 631 40th St.

OAKLAND

GARAGE, 1-story, $500; 4614 Geranium Place; owner and builder, L H Lincoln, 4158 Mtn Blvd.
GARAGE, 1-story, $500; 4158 Mtn Blvd; owner and builder, L H Lincoln, 4158 Mtn Blvd.
ADDITION, $500; 3561 Custer St; owner and builder, Chas F Savage, premises.
ALTERATION, $500; 2000 Rosedale Ave; owner and contractor, Anne Messenger, premises.
GARAGE, 1-story, $500; 219 Sextus Road; owner and builder, R M Reynolds, 219 Sextus Road.
GARAGE, $400; 229 Wistar Rd; owner and builder, W T Catheart, prem.
SIGN, roof, $400; NE College Ave at Broadway; owner, D Gearardelli, prem; contractor, Elec Prod Corp, 950 30th St.
REPAIRS, $400; 3720 Lakeshore Blvd owner, Kong Pay, prem; contractor, A A MacDonald, 3229 Araley.
GARAGE, 1-story, $375; 207 Tunis Road; owner and builder, Eugene A Tella, premises
SIGNS, two electric, $350 each; SE 14th and Washington; owner, The Owl Drug Co, prem; contractor, Elec Prod Corp, 950 30th St.
SIGN, electric, $300; 2109 MacArthur Blvd; owner, H R Harris, prem; contractor, Neon Engrg Co, Minniville, Vallejo.
ALTER, $300; 446 Stow Ave; owner and contractor, E M Barham, 446 Stow Ave.
SIGN, electric, $270; 1526 San Pablo Ave; owner, Famous Coffee Shop, prem; contractor, Western Neon Corp, 3001 Chapman St.
SIGN, electric, $250; 575 12th Street; owner, Dodson Market, premises; contractor, Western Neon Corp, 3001 Chapman St.
SIGN, electric, $185; 1436 13th St; owner, Henry Vagson, premises; contractor, Neon Engrg Co, Minniville, Vallejo.

FRESNO

GARAGE, $400; 3408 Balch; owner and builder, J D Naffziger.
POSTER PANEL, $200; 249 Whites Bridge; owner, Bast & Nan; contractor, Isen Signs, 1254 Van Ness.
ADDN to garage, $150; 464 Echo; owner, Bertha Healey; contractor, W H Irwin, 274 N Fulton.
ADDN to store, $6000; 1038 F Street; owner, E Diel; contractor, H P Nelson, 322 S 5th St.
DWELLINGS and garages, two, $6,000 each; 2144 Weldon, 2826 Thorne St; owner and builder, Premier Home Bldrs.
DWELLING and garage, $3000; 2334 Cambridge; owner and builder, E Lee Johnson.

BUILDING CONTRACTS
ALAMEDA COUNTY

ADDITION TO MAUSOLEUM
HOLY SEPULCHRE Cemetery, Hayward.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St, San Francisco.
Architect—Henry A Minton and Wilton Smith, 1045 Sonsome St, San Francisco.
Contractor—Moore and Roberts 693 Mission St, San Francisco.
Filed, Jan. 12, 1946. Dated, ...
Monthly payments of..................75%
Usual 35 days after..................25%
TOTAL COST, $197,100
Bond, $197,100. Sureties, St. Paul Mercury Indemnity Co. Forfeit $50 per day. Limit, Sept. 15, 1946. Plans and specifications filed.

DWELLING, one-story frame and stucco and garage.
Owner—Richard R and Audrey B Jackson.
Architect—Not Given.
Contractor—Wm F Beckett.
Filed, Jan. 12, 1946. Dated, ...
Foundation completed $1540
Frame and roof completed........ 1540
Rough plastering completed.... 1540
Upon completion 1540
Usual 35 days after................ 1540
TOTAL COST, $7,700
Bond, $7700. Sureties, New York Casualty Co. Limit, 120 working days. Plans and specifications filed.

Building Permits, $500.00 and Over, Issued by the Board of Public Works
SAN FRANCISCO COUNTY

JANUARY 14, 1946

905 Greenwich; alter flats; cost, $500; owner, Mrs Genevieve Williar.

166 Turk St; alter hotel; cost, $1,000; owner, Mr. Amonelele.

44 Normandie Terr; alter dwelling; cost, $3500; owner, Mr and Mrs F G Belcher.

3338 Mission St; alter store; cost, $500; owner, A Cartman.

2099 Lombard St; alter store; cost $4500; owner, Herbert Sherbert Shop.

NE Cor 12th and Howard; alter offices; cost, $4000; owner, D E Sanford Co.

NW Cor Golden Gate Ave and Polk St; alter offices; cost, $100,000; owner, W E Joslin.

1167 Mission St; alter import company bldg; cost, $6000; owner, American Import Co.

4760 Mission St; alter store and flats; cost, $5000; owner, Thos Valerga.

600 Battery Street; alter printing plant; cost, $850; owner, Stecher-Traung Co.

SW Cor Madison and Athens; E Athens 64 S Madison; E Athens 90 116 S Madison; four one-story frame bldgs; cost, $6000; $4000 (3); owner, J Arvid Johnson.

NW oCr France and Moscow; one-story frame dwelling; cost, $4900; owner, Mr and Mrs Krovel.

N Alemany Blvd 115.2, 114, 169 W Benton Ave; three 1-story fr dwellings; cost, $5800 each; owner, H Barber & Sons.

W Valencia 100 N Duboce Avenue; one-story frame building; cost, $10,000; owner, Kunst Bros.

E DeHaro 75 N Berry St; one-story frame building; cost, $3000; owner, San Francisco Gravel Co.

E 19th Ave 100, 125, 150, 175, 200, 225, 250, 275, 300, 325 350 S Quintara St; twelve 2-story frame bldgs; cost, $5000 each (11); $7900 (1); owner, Atlas Realty Co.

E Victoria 175 N Stanley; one-story frame bldg; cost, $5000; owner, Chas T Burke and Angelo Lusting.

NW Cor 20th Ave and Rivera; W 20th Ave 36 N Rivera; two 1-story frame bldgs; cost, $5000 each; owner, N W Anderson.

NW Cor Foote and Alemany Blvd; 1-story frame bldg; cost, $6000; owner, James E and Ann M Hickey.

E Anderson St 125 S Jarboe; one-story frame bldg; cost, $5400; owner, B C Hoecker.

S Parker Drive 28, 53 W Carrizal St; N Parker Ave 28 W Carrizal; N Parker 53 W Carrizal; four dwellings; cost, $5400 each; owner, The Ruegg Co.

N Quesada Ave 100 E Rankin; N Quesada 125 E Rankin; SE Corner Thornton Ave and Venus St; East Venus St, 25, 50, 75, 100 S Thornton; E Thornton 75 E Venus; eight one-story frame buildings; cost, $5000 each; owner, G Carraro Sons.

E 38th Ave 125 S Moraga St; one-story frame bldg; cost, $6250; owner, T E Mohler, Jr.

W Anderson 125 S Jarboe; W Anderson 200 S Jarboe; two 1-story fr bldgs; cost, $5400 each; owner, B C Hoecker.

Plumbing Permits
BERKELEY

1599 Hopkins; owner, U R Welton; dealer, H P Murphy; sink; dish washer; 2 drains.

1700 Parker; owner, Amy Abe; dealer, Durant Plumbing; wash basin.

919 The Alameda; owner, Dr Sleeper; dealer, J H Jeoans; 3 water closets; 5 wash basins; 2 sinks; 3 dental chairs.

Furnace Permits
OAKLAND

636 E 18th St; owner, Saxon; dealer, C W Roland; ....

2678 Havencourt; owner, Scott; dealer, C W Roland; floor.

1350 60th Ave; owner, Sheputa; dealer, C W Roland; ....

2681 Rtchie; owner, Carr; dealer, C W Roland; floor.

2439 64th Ave; owner, A Gallagher; dealer, Bay Cities Heat & Vent Co; floor furnace.

5256 Locksley; owner, Yandell; dealer, A & C Heating; floor.

2147 E 28th St; owner, Roy Sweet; dealer, T E Marhood; floor.

3152 Texas; owner, Daniels; dealer, E M Maloney; floor.

5732 Elizabeth; owner, Loofea; dealer, C W Roland; floor.

Completion Notices
SAN FRANCISCO COUNTY

Recorded Accepted
Recorded Accepted
Jan 14, 1946—FERRY Bldg. S P Co to A M Hardy..........Jan 10, 1946

ALAMEDA COUNTY

Recorded Accepted
Jan. 12, 1946—PTN LOT 17, Blk B map Teachers Tract; Lot 23 Blk C, Amd map Lorin Heights Tr, Berkeley. J M Walker to whom it may concern..........January 9, 1946

Liens Filed

ALAMEDA COUNTY

Recorded Amount
Jan. 12, 1946—PTN LOTS 19 and 20 Collins Tract, Oakland. California Mill & Lumber Co vs Henry and Martha Weber, Bay Pacific Company $472.00
Jan 12, 1946—LOT 23, Loma Vista Tract, Oakland. California Mill & Lumber Co vs Harold and Mary Crott Bay Pacific Co........$405

Non-Responsibility

ALAMEDA COUNTY

Jan 12, 1946—839 PARAMOUNT Rd, Oakland. Veterans Welfare Board of the State of California as to improvements on property.
Jan 12, 1946—3306 E 14th STREET, Oakland. Chas Kushins and Arthur E Weston as to improvements on property.
Jan 14, 1946—2823-25-29 82nd AVE, Oakland. Chas W and Marie B Falk as to improvements on property.

SAN FRANCISCO COUNTY

Jan 9, 1946—E SCOTT ST 75 S Beach 25x 100.325, Ptn Marina Gardens. Veterans Welfare Bd, State of Calif as to improvements on property.

Release of Liens

SAN FRANCISCO COUNTY

Recorded Amount
Jan 14, 1946—SW HAIGHT ST and Masonic Ave. John E and Russell W Smale as Hill & Smale to Julius Feigenbaum $3400

Engineering Section

30—RESERVOIRS & DAMS

January 15, 1946

BIDS WANTED
BOISE, Idaho.—Until January 25, 10 A. M., bids will be received by the Bureau of Reclamation, Earl Harmon, engineer, Cascade, Idaho, for clearing reservoir site of the Cascade dam project. The work involves clearing timber and brush from 16 tracts varying in size from 40 to 480 acres, located one to eight miles west of Cascade. The Cascade project involves the construction of an earth fill dam, 90 ft. high and 860 ft. long at the outlet of Long Valley drainage and will provide a storage reservoir for approximately 700,000 acre feet of water. 30

32—SEWERS & SEWAGE DISPOSAL PLANTS

January 15, 1946

PLANNED
ROSEVILLE, Placer Co., Calif.—Civil Engineer Frank E. Packard, Box 1341, Sacramento, recommends construction of sewer system to cost $27,600 for the City of Roseville, City Hall, Roseville. 32

January 15, 1946

PLANS COMPLETED
JAMESTOWN, Tuolumne Co., Cal.—Engineer Robert Thom, 502 Bank of America Bldg., Sonora, has completed plans for construction of a sewer system estimated to cost $60,000 for the Jamestown Sanitary District, Jamestown. 32

January 15, 1946

PREPARING PLANS
DINUBA, Tulare Co., Calif.—Engineers Leeds, Hill, Barnard & Jewett, 1000 Edison Bldg., Los Angeles, are preparing plans for the City of Dinuba for alterations to a sewage disposal plant; estimated cost, $13,500. 32

Machinery & Material

RECLAMATION BUREAU

CENTRAL VALLEY PROJECT.—Until Feb. 18, 2 P. M., bids will be received by the office of the Bureau of Reclamation, Walker R. Young, Chief Engineer, Denver, under Spec. No. 1147 for furnishing and delivering fob cars at the shipping point or fob cars at Coram, Calif., at the option of the bidder, structural steel anchorages and gate seats for three durm gates at Shasta Dam, Kennett Division, Central Valley Project.

Specifications obtainable from the above office at no charge to prospective bidders; to others, $1.00, not returnable. 30

STATE PURCHASING AGENT

SACRAMENTO, Calif.—Bids will be received by the State Purchasing Agent, Sacramento, for the following equipment:

January 18

QUO. 38574, REQ. E47529:
100 tons emulsified asphalt, delivered storage tanks at San Jose, Gilroy, Pacheco Pass yard and Santa Cruz.
QUO. 30723, REQ. 170, Sheet 2:
One baled hay conveyor, 18 ft., portable, adjustable to any height, equipped with air-cooled gas engine.
QUO. 30724, REQ. 170, Sheet 3:
One Ford tractor, rubber tires, with starter.
One Ferguson plow.
One scraper and leveler, f.o.b. Imola. 19

Electrical Permits
SAN FRANCISCO COUNTY

7530 111 San Felipe Ave; owner, ...; contractor, Julius M Keller; 4 outlets; 5 switches; 6 plugs.

7531 N Staples St 325 E Detroit; owner, Hansen; contractor, M Schimetschek; 1 motor.

7532 1605 Buchanan; owner, Carl; contractor, M Schimetschek; alter.

7533 Head and aSrgent Sts; owner, Hansen; contractor, M Schimetschek; 1 motor.

7534 284 Golden Gate Ave; owner, Earle Hotel; contractor, Byington; alterations.

7535 545 Eddy St; owner, Associated Oil Co; contractor, Electrical Prod Corp;/ 2 transformers.

7536 625 Market St; owner, Capital Co; contractor, Pacific Electric & Mechl Co; 6 outlets.

7537 154 Sutter St; owner, Vogue Furs; contractor, Marelco, Inc; two outlets; 3 switches.

7538 70 Turk St; owner, 70 Turk Bar; contractor, Marelco, Inc; 9 outlets; 4 switches.

7539 601 Turk St; owner, A Lemite; contractor, Malm & Welter; 4 plugs; 1 motor.

7540 550 Montgomery St; owner, Bank of America; contractor, Pacific Elec & Mech Co; 5 outlets; 7 plugs.

7541 366 Guerrero St; owner, Golden State, Ltd; contractor, Pacific Elec & Mech Co; alterations.

7542 338 Brannan St; owner, Hales contractor, Pacific Elec & Mech Co; 110 outlets.

7543 1240 Post St; owner, Tucker; contractor, Pacific Elec & Mech Co; 43 outlets; 4 switches; 7 plugs; two motors.

7544 1446 Valencia St; owner, State Realty Co; contractor, Pacific Elec & Mech Co; 20 outlets; 9 switches; 12 plugs.

7545 1327 Polk St; owner, J Chester; contractor, Pacific Elec & Mech Co; 1 outlet; 5 motors.

7546 30 Leidesdorf St; owner, W Ballard; contractor, Pacific Elec & Mech Co; 19 outlets; 4 switches; 5 plugs.

7547 43 Stone St; owner, M Sang; contractor, Chas Yick; alterations.

7548 84 6th St; owner, Alex; contractor, Chas Yick; 1 plug.

7549 957 Grant Ave; owner, Chong Kee Jan; contractor, Chas Yick; 3 outlets; 2 switches; 3 plugs.

7550 N France St 250 W Moscow; owner, Burton; contractor, Richmond Elec Co; motors.

7551 195 Beverly St; owner, Church; contractor, Frank F Goodman; 35 outlets; 16 switches; 8 plugs.

7552 545 Eddy St; owner, Garage; contratcor, Frank F Goodman; alterations.

7553 2423 Polk St; owner, ...; contractor, Frank F Goodman; 6 outlets; 6 switches; 7 plugs.

7554 201 Sansome St; owner, ...; contractor, Frank F Goodman; 26 outlets.

7555 214 Front St; owner, ...; contractor, Frank F Goodman; alterations.

7556 SE cor 43rd Ave and Taravel St; owner, Pacific Coast Construction Co; contractor, B J Doherty; 1 motor.

7557 E 43rd Ave 200 S of Santiago St; owner, Pacific Coast Construction Co; contractor, B J Doherty; motors.

7558 3349 23rd St; owner, Hornet Lunch Room; contractor, Decker Electrical Construction; service.

7559 Corner Funston Ave and Lawton St; owner, ...; contractor, H C Wilson; service.

7560 S Kirkham 70 E of Funston; owner, ...; contractor, H C Wilson; service.

7561 220 Montgomery St; owner, Mills Estate, Inc; contractor, H E Tittle Co; alterations.

7562 400 Melrose Ave; owner, Meyer Construction; contractor, E A Koening; 10 outlets; 11 switches; 14 plugs.

7563 408 Melrose Ave; owner, Meyer Construction; contractor, E A Koening; 10 outlets; 11 switches; 14 plugs.

7564 416 Melrose Ave; owner, Meyer Construction; contractor, E A Koening; 10 outlets; 11 switches; 14 plugs.

7565 1145 Market St; owner, B N Watz; contractor, Chas A Langlais; 19 outlets; 17 switches.

7566 525 Jones St; owner, M Stone; contractor, Frank J Klimm; 2 outlet.

7567 1763 Lombard; owner, Morrel & De Lucchi; contractor, Grand Electric; 5 outlets; 5 switches; 4 plugs.

7568 1960 Folsom St; owner, Simmons Diesel Co; contractor, Lynch Electric; service.

7569 SW cor Arroya Way and Teresita; owner, ...; contractor, Lynch Electric; service.

7570 7 Jordan Ave; owner, Lynch; contractor, Lynch Electric; service.

7571 740 O'Farrell St; owner, Union Oil Co; contractor, Atlas Electric & Engineering; sign.

7572 4741 3rd St; owner, Union Oil Co; contractor, Atlas Electric & Engineering; sign.

7573 816 Folsom; owner, Simonds Machinery; contractor, Atlas Electric & Engineering; 2 outlets.

7574 517 Pacific Ave; owner, George's Place; contractor, Atlas Electric & Engineering; service.

BERKELEY

40 3043 Acton; owner, J M Walker; contractor, El Cerrito Electric; 9 fixtures.

41 1341 Haskill; owner, J M Walker; contractor, El Cerrito Electric; 9 fixtures.

42 1340 Haskill; owner, J M Walker; contractor, El Cerrito Electric; 9 fixtures.

43 2934 Ellis; owner, J M Walker; contractor, El Cerrito Electric; 9 outlets; 9 switches; 13 plugs; 3 circuits.

44 2741 Dohr; owner, J M Walker; contractor, El Cerrito Electric; 12 outlets; 10 switches; 13 plugs; 3 circuits.

45 2770 Mabel; owner, J M Walker; contractor, El Cerrito Electric; 11 outlets; 11 switches; 16 plugs; 3 circuits.

46 2009 Allston; owner, YWCA; contractor, Emerson-Newbery; 2 motors.

47 1700 Parker; owner, Amy Abe; contractor, Scott-Buttner; 5 outlets; new service.

48 930 Ashby; owner, ...; contractor, Johnston Electric; 2 outlets; 2 switches; 2 plugs; 2 circuits.

49 2779 Acton; owner, Eastshore Homes; contractor, Johnston Electric; 10 fixtures.

50 3200 Sacramento; owner, Dora Hoon; contractor, Johnston Electric; 22 outlets; 21 switches; 16 plugs; 9 circuits.

51 1708 Eala; owner, E M Rinta; contractor, Moore Electric; 5 fixtures.

OAKLAND

34708 2018 73rd Ave; owner, Lightlynr; contractor, Fox Electric Co; sign.

34709 7318 E 14th St; owner, Meggs; contractor, Fox Electric Co; 4 plugs.

34710 1624 Franklin St, Room 712; owner, Jeffersen; contractor, T Bushman; 5 fixtures.

34711 306 12th St, 3rd floor; owner, Lawton & Williams; contractor, T L Rosenberg Co; alterations.

34712 515 16th St; owner, Andrew Gross Hat Shop; contractor, T L Rosenberg Co; alterations.

34713 1691 7th St; owner, Robertson; contractor, J T Grosso; alterations.

34714 W Grove St 100 ft S of 30th St; owner and contractor, Foster & Kleiser Co; 3 outlets; 1 switch; 3 fixtures.

34715 6930 Chabot Rd; owner, Morgensen; contractor, Paramount Electric Co; outlets; switches; fixtures; plugs.

34716 NE 17th and San Pablo; owner, Downtown Merchants' Assn; contractor, T L Rosenberg; alterations.

34717 3217 Linden St; owner, College Laundry; contractor, T L Rosenberg; service; motors.

34718 E Magnolia St 250 ft N of 26th St; owner, Laher Spring & Tire Co; contractor, T L Rosenberg Co; 1 fixture.

34719 2032 19th Ave; owner, Perry; contractor, T L Rosenberg; alterations.

34720 SW 16th and Grove Sts; owner, English Lutheran Church; contractor, Scott-Buttner Electric Co; 12 fixtures.

34721 3205 E 14th St; owner, Pierotti; contractor, Scott-Buttner Electric Co; 1 switch.

34722 1700 Franklin St; owner, Elm Restaurant; contractor, Scott-Buttner Electric Co; sign.

34723 945 86th Ave; owner, Avilia; contractor, Broadmoor Electric Co; 6 outlets; 2 switches; 3 fixtures; 1 plug.

34724 2109 MacArthur; owner, Farris; contractor, James Anderson; signs.

34725 3811 E 14th St; owner, Dickson; contractor, C A Langlais; 12 outlets; 8 switches; 4 plugs.

34726 21st and Broadway; owner, Breuner's; contractor, Pacific Electric Motor Co; alterations; transformers.

34727 1022 77th Ave; owner, Christensen & Lyons; contractor, Fred Schmits; outlets; switches; fixtures; plugs.

34728 1500 Willow; owner, Ault & Wilborg; contractor, Pacific Electric Motor Co; switches; fixtures.

34729 1045 Mountain Blvd; owner, Fitzpatrick; contractor, Pacific Electric Motor Co; service.

34730 3200 13th Ave; owner, Franco; contractor, Clifford Electric Co; outlets; switches; fixtures; plugs.

34731 2029 E 22nd St; owner, Borge; contractor, Clifford Electric Co; outlets; switches; fixtures; plugs.

34732 3123 San Pablo Ave; owner, Leader Auto Parts; contractor, Clifford Electric Co; outlets; switches; fixtures; plugs.

34733 2731 13th Ave; owner, Lin; contractor, Clifford Electric; service.

34734 2309 Bywood; owner, Harwood; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

34735 2607 74th Ave; owner, Theselli; contractor, Clifford Electric Co; outlets; switches; fixtures; plugs.

34736 7923 Hillside; owner, Theselli; contractor, Clifford Electric Co; outlets; switches; fixtures; service.

34737 NW 30th and Summit; owner, Bruen Heating Co; contractor, Clifford Electric Co; transformer.

34738 2740 Broadway; owner, J E French Co; contractor, Electrical Pro Corp; sign.

24739 1724 Franklin St; owner, Warren Photos; contractor, Electric Prod Corp; sign.

34740 SE Cor 14th and Washington; owner, The Owl Drug Co; contractor, Elec Prod Corp; sign.

34741 N College at Broadway; owner, Ghiradelli; contractor, Elec Prod Corp; sign.

34742 2118 102nd Ave; owner, Barnett; contraetor, Flagler Electric Co; 1 outlet; 2 switches; 1 fixture; six plugs.

34743 336 15th St; owner, Thompson; contractor, Shea Elec; alter.

34744 353 15th St; owner, F & M Liquor; contractor, Shea Elec; alterations.

34745 690 14th St; owner, Stewart; contractor, Shea Elec; alterations.

34746 3000 MacArthur Blvd; owner, H & M Drug Co; contractor, Shea Elec; alterations.

34747 2829 Forest Hill; owner, Reinhart; contractor, Clifford Elec; outlets; switches; fixtures.

34748 556 31st St; owner, J Villa; contractor, Clifford Electric Co; fixtures; alterations.

34749 669 42nd St; owner, S K Boothby; contractor, Paramount Electric; fixtures; alterations.

34750 4100 Telegraph; owner, Edwards Service Station; contractor, Paramount Elec Co; 1 outlet; 1 switch.

34751 SE Cor 67th St and San Pablo Ave; owner and contractor, Foster & Kleiser Co; 1 outlet; 1 switch.

34752 8016 MacArthur Blvd; owner, Mrs Perry; contractor, Shea Elec; service.

34753 621 E 22nd St; owner, Mrs Stephens; contractor, Shea Elec; service.

34754 3342 Chestnut; owner, Will Guess; contractor, Shea Elec; signs.

34755 10222 E 14th St; owner, Doe; contractor, Western Neon Corporation; signs.

34756 Next door to 1101 Market; owner, Haas Constr Co; contractor, T L Rosenberg Co; 2 outlets; 1 plug; 1 motor.

34757 787 85th Ave; owner, American Pipe & Constr Co; contractor, T L Rosenberg Co; 7 motors.

34758 2074 Broadway; owner, Caldow Paint; contractor, T L Rosenberg; 6 fixtures.

34759 NW Cor 14th and Broadway; owner, American Trust Company; contractor, T L Rosenberg Co; outlets; switches; fixtures.

34760 1163 7th St; owner, Thomas Cafe; contractor, Pacific Elec and Mech Co; service.

34761 SW Cor 3rd and Franklin; owner, Levey Gentner Co; contractor, Pacific Elec & Mech Co; 64 fixtures.

WANTED—
FOR SALE—
FOR RENT—
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and MATERIALS
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350,000 Bm. Good Used Douglas Fir Lumber, 3x8, 3x10, 3x12, 4x12, 6x12, 8x8, 10x10, 10x12, 12x12, 12x16. Timbers 8 ft. to 60 ft. in length, all in very good condition. Address FRED J. MAURER & SON, 'phone 1585 or Box 121, Eureka, California.

SPRAY BOOTH, 8x7 ft., with 2 FANS and MOTORS. CHEAP. Phone EXbrook 1513. to 1/22/46

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Classified Advertising

WANTED

BLDG. CONSTR. SUPT., good future. State experience and references. Reply Box 16, c/o Daily Pacific Builder. tf

SENIOR DRAFTSMAN for permanent position in architectural office located on the Monterey Peninsula. Contact C. J. Ryland by phone at Carmel 404 or write P. O. Box 847, Monterey. 1/14-15-16-17-18-21, 46

ARCHITECTURAL DRAFTSMAN. General exper. Salary open. Irvin Wm. Goldstine, Room 850, Pacific Bldg. Phone EXbrook 8946. (1/9-10-11-14-15/46)

Experienced architectural DRAFTSMAN out of city. If interested, housing available. Mayo & Johnson, 307 Exchange Bldg., Stockton. Phone Stockton 9-9338.

BUILDING CONTRACTOR wants contact with young ARCHITECT. Reply Box 110, c/o Daily Pacific Builder. 1/9-10-11-14, '46

PAINTING ESTIMATOR who is familiar with Painting Contractors. Must be good. Reply Larry's, 815 Greenwich St., S. F. Phone GR 4942. (1/8-9-10-11-14/46)

Exper. FOREMAN for Const. of STORES and OFFICES in San Francisco. Reply Box 17, c/o Daily Pacific Builder.

ARCHITECTURAL DRAFTSMAN wanted. Experienced. Conrich, 593 Market St., Room 226. SU. 6315 or SK. 8875. to Jan. 15, 1946

POSITION WANTED

ENGINEER—steam—experienced—age 32, desires position as plant operator. Reply Box 115, c/o Daily Pacific Builder. to Jan. 18, '46

Young man desires SALES POSITION with organization handling line of BUILDING MATERIALS. College background, alert, aggressive, neat appearing. Contact Warren S. Michael, BA. 9469, or address reply 175 18th Ave., S. F. 18.

TRANSITMAN, capable, general experience, wants work in any capacity. Reply Box 111, c/o Daily Pacific Builder. to Jan. 15, '46

CAPABLE GRADUATE ENGINEER, 2 years of age, with lots of push, wishes connection with construction company. 10 years' engineering experience in engineering capacity. Small salary and bonus on production desired. Write your proposition to R. Baker, 203 N. 8th St., Wauwatosa, Wisconsin. Jan. 11-14-15, '46

ESTIMATOR - GENERAL MANAGEMENT. State and Federal taxes. Contract Negotiation, etc. Reply Box 19, c/o Daily Pacific Builder. (1/9-10-11-14-15-16/46)

HELP WANTED

EXPEDITER, general building construction; 5 yrs. bldg. exp. necessary. Reply, stating exp. and qualifications. Box 114, c/o Daily Pacific Builder. 1/14-15-16, '46

FOR RENT

DUMP TRUCKS for rent. Cleanup and General Hauling. Call ATwater 6700. to 1/21, '46

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Fifty-sixth Year—Vol. 56—No. 11 | SAN FRANCISCO, WEDNESDAY, JANUARY 16, 1946 | PRICE 15 CENTS PER COPY

PLANS and Speculations

In his annual report to the San Francisco Board of Supervisors **Mayor Lapham states that steps** are now being taken to transfer Laguna Honda Home property to the Juvenile Court and plans being drawn for a new juvenile court and home. The location consists of 12.6 acres, sufficiently large to provide for construction on a separate unit basis and to provide the space necessary for recreation and future growth. Mayor Lapham further stated that "if nine million dollars of state or federal matching funds can be obtained, the entire 25-million-dollar sewer and sewage treatment plant program will be carried out without requiring additional city funds."

oOo

SACRAMENTO School Department needs will be aired by Superintendent Overturf at the Board of Education's next meeting Jan. 21. Outstanding need is a dormitory building for Sacramento College, where prospective students are being turned away because they cannot find a place to live. In addition to the college dormitory, Overturf's report may contain recommendations for the following additions: Swimming pools for the college, Sacramento and McClatchy high schools; a boys' gymnasium and new cafeteria for Lincoln Elementary; an auditorium and four classrooms for the Riverside school; an auditorium and eight classrooms for Tahoe School; two classrooms for Theodore Judah School.

oOo

The CERES City Council, meeting in a special session, heard the explanation of a proposed sewer expansion program, total cost of which is estimated at $29,000. The city attorney has been requested to draw up the resolution of intention for the proposed work. . . Approval was given a 31-acre site north of the County Fairgrounds for the proposed establishment of an airfield by the TURLOCK City Planning Commission. Promoters of the project are Fred C. Richardson of Oakland, and Glenn Wentz of San Anselmo. . Co-operation of the OAKDALE City Council was promised Al Corrigan and Sidney Haidlen for their proposed airfield for that city.

oOo

The Third Avenue and Bayshore Blvd. interesection in SAN MATEO soon will be better lighted and have improved traffic signals, City Manager W. D. Soule of San Mateo, has announced. Soule said he was informed by District IV, Division of Highways, that plans for a $7500 improvement at the intersection had been approved.

Consumer Goods Manufacturers Warned By OPA

Manufacturers of consumer durable goods must file copies of all price announcements with OPA District offices within ten days after they have been issued to the trade, A. B. Mueller, Price Executive of the Northern California District OPA office announced.

Failure to file price announcements has seriously interfered with OPA efforts to fix fair and equitable prices on reconversion items, Mueller said.

Under the provisions of Maximum Price Regulation No. 188, as amended, manufacturers are required to file three copies of catalogs and price lists containing March 1942 prices that were issued to the trade. In addition, he is required to file three copies of every letter, flyer, announcement or other written notice that he may issue to the trade after July 15, 1945, concerning new prices, changes in terms, discounts or allowances and changes in model designation of any items that he manufacturers.

—V—

UC EXTENSION CONTINUES NEW 'TECH' COURSES

Classes in engineering and business administration will open next week in the San Francisco center of University of California Extension, 540 Powell Street.

On Monday, business administration courses in "Advanced Accounting", "Organization Planning and Management Research", and "Introduction to Radio Advertising" meet at 7 p. m.

Engineering courses meeting on on Tuesday are "Mechanics and Strength of Materials", 7:30 p. m., and "D C Machinery and Control Equipment," 7:15 p. m.

Other courses meeting during the week are: "Earthquake Resistant Design", Wednesday, 7:30 p. m.; "Real Estate Law", Thursday, 7 p. m., and "Cost Estimating for Construction", Friday at 7:30 p. m.

LEE W. DELHI AFFILIATES WITH HUNT, MIRK CO.

Lee W. Delri, nationally - known welding engineer and shipbuilder, has resigned as Vice President in charge of operations at Western Pipe & Steel Company to become a member of the pioneer engineering and contracting firm of Hunt, Mirk and Company, with headquarters at 141 Second Street, San Francisco.

Announcement of Delhi's affiliation with Hunt, Mirk and Co. was made by Thos. J. Benney, senior member of the firm, who said Delhi's entry into the company will strengthen its financial position as well as expedite its postwar expansion program.

Hunt, Mirk and Company was founded in 1903, and has been active continuously in the engineering and construction of steam power plants, marine engineering, and all phases of steam distribution systems, electrical construction and hydro-electric installations.

During the war, Hunt Mirk's activities were confined largely to the development of engine room design work for the U. S. Maritime Commission and other governmental agencies. The company is now preparing to resume its prewar activities on a more comprehensive basis. This will include design and construction of steam and power plants for lumber, food, cement, chemical and oil industries.

Hunt, Mirk and Company will expand its activities to cover general contracting as well as specialized welding in order to offer a complete and integrated engineering contract service.

Delhi is President of the California Metal Trades Association which represents more than 350 central and northern California metal trades firms employing 26,000 men. He is also National Director of the American Welding Society and previously served two terms as Pacific Coast Regional vice president of the organization.

With the purchase of Western Pipe & Steel by Consolidated Steel Corporation of Los Angeles, Delhi concluded 22 years service with the company. Under his direction the company designed and built more than 48 special all-welded C3-type vessels for the U. S. Maritime Commission, practically all of which were converted into specialized vessels for Army and Navy use.

Delhi also had charge of the fabrication of many thousands of tons of steel for other firms, as well as a comprehensive program of ship repair work for the Navy and War Shipping Administration. Delhi has been an outstanding advocate of automatic arc welding not only in the construction of ships but also in boiler drums, pen stocks, oil refinery equipment, and other quality plate work.

—V—

WINDOW DEFROSTER

If you are one of those fortunate folks with a big picture window, take a tip from the automobile accessory makers and use your fan for a defroster. Just set your electric fan so that it will carry warm air from your room onto the glass window surfaces and watch the cloudy frost pattern vanish.

COAST BUILDING PERMITS

Summary of permit valuations reported to DAILY PACIFIC BUILDER by principal city and county building inspection departments of seven Western states For detailed report turn to Page Four.

	1943		1944		1945	
	P'mts	Value	P'mts	Value	P'mts	Value
Jan. ..	6,825	$ 25,880,201	10,284	$ 18,669,081	11,693	$ 13,998,803
Feb. ..	5,871	6,515,550	10,152	23,046,435	10,206	13,775,233
Mar. ..	7,582	10,470,749	12,813	23,540,600	12,080	18,116,289
Apr. ..	8,713	19,372,519	11,960	21,768,898	13,289	21,103,984
May ..	8,099	19,651,670	12,980	19,228,506	13,712	26,713,453
June ..	8,969	13,055,786	11,395	16,973,078	14,639	29,851,429
July ..	9,759	18,264,309	13,543	19,957,114	13,409	30,421,510
Aug. ..	10,721	18,219,754	12,209	18,573,766	13,764	30,110,630
Sept. ..	10,252	15,902,600	10,587	12,120,661	14,301	37,662,525
Oct. ..	11,157	22,366,957	11,971	13,924,818	18,318	46,557,363
Nov. ..	10,149	24,853,782	11,090	11,727,604	17,719	54,908,961
Dec. ..	8,638	21,583,716	9,374	11,347,828	16,479	$65,775,859
Total...	106,735	$216,137,563	138,358	$210,878,389	169,609	$388,996,039

Broker Can Help The Builder, Says Realtor

Arthur R. Storm, president of the Eastern Bergen County Board of Realtors and the Teaneck Chamber of Commerce, today admonished fellow realtors that proper handling of real estate development business requires full and complete service.

"Salesmen must be trained so that houses can be sold at a saving in expense and time as far as the builder is concerned.

"The broker should get from the developer complete plans showing the number of polts and sizes, setbacks, and restrictions. The sales representative must know on which plots certain models are to be built. Plans and specifications for each model must be in the broker's hands at all times in all of his offices.

"Mortgage commitments issued for each model are important facts for selling agents because in knowing that th salesmen are informed as to the cash required to buy any particular model.

"Monthly taxes and fire insurance added to amortization with interest payments will acquaint the purchaser with the amount of his monthly carrying charge."

From the sales viewpoint the selling representative has seven distinct duties to do a thorough job for the developer. "He should prepare an agreement of sale which must set forth the sales price, amount of payments to be made by the purchaser, the dates of payments, cost of obtaining mortgage and an outline containing those items which are included in mortgage costs, such as mortgagee's search, mortgagee's title policy, survey, and recording fees.

"All extras in addition to the regular model should be stipulated for protection of the purchaser and the builder. The broker should have prepared the formal contracts and arrange for signing by purchasers and collect the payment for the builder as specified in the contract.

"The broker should obtain a financial statement of the purchaser and ascertain that the prospective purchaser has no judgments against him and so save a lot of trouble for all concerned. Many buyers do not know that this would preclude them from qualifying for a mortgage.

"After having a contract signed by the builder the contract and financial statement should be submitted to a mortgagee of the builder's selection for processing. It is the broker's obligation to follow through on the search to see that the closing time is set.

"It is the broker's obligation to see that the builder furnishes him with or takes to a closing a properly prepared deed and affidavit of title, any insurance policies in effect, and tax data.

"The broker should have at all closings a representative qualified to prepare or examine the closing statement.

"The experienced realtor offers a definite service which no builder can afford to pass up."

Denver Engineers Announce Opening Of New Firm

Paul W. Dexheimer and Frank V. Wedlick have announced their association as consulting engineers and the opening of offices at 322 C. A. Johnson Building, Denver, in the same suite with Richard O. Parry, architect.

Both Dexheimer and Wedlick are mechanical engineers and are well known in Denver and throughout the midwest, having been engaged in many large engineering projects in this area during the past twenty years. Parry is well known as the architect of many of Denver's larger buildings of all types, and has designed a large number of industrial and commercial plants and buildings in this vicinity. During the war all three men were engaged with some of the country's larger firms or architects and engineers in the supervision of design and construction of a number of war production plants. These included the Denver Ordnance Plant and Arsenal, Lowry Field, Sunflower Ordnance Plant, and similar plants in other western states.

Their practice will be devoted to the field of industrial and mechanical engineering, especially operational and management problems of production plants in connection with plant and equipment design and installation, and production methods. They have had wide experience in the design of heating and boiler work, power plants, air conditioning, refrigeration, special machinery, and materials handling equipment.

National Wage Stabilization Board Announces Members for Tenth Region

Members of the Tenth Region of the National Wage Stabilization Board, the tripartite agency set up by Presidential order to carry out until June 30, 1946, the provisions of the Wage Stabilization Act formerly administered by the National War Labor Board, were announced today by Chairman Thos. Fair Neblett.

The new Board, which consists of six regular members with two each representing the public, industry and labor, will concern itself with voluntary applications for approval of wage increases affecting price ceilings and wage decreases and with enforcement of the Wage Stabilization Act of October 2, 1942.

The Tenth Region comprises the States of California, Arizona and Nevada.

Besides Neblett, other public members of the Board are Dr. Clark Kerr, associate professor of industrial relations at the University of California in Berkeley; Arthur P. Allen of San Pedro, who was vice-chairman of the Tenth Regional War Labor Board and formerly chairman of the Board's West Coast Aircraft Committee, and Dr. Willard E. Hotchkiss of South Pasadena, former director of the Division of Humanistic and Social Studies at Carnegie Institute of Technology. They will serve part time.

Regular industry members are George Gahrs, president of the San Francisco Employers Council, and Paul Shoup, president of the Merchants and Manufacturers Association of Los Angeles, Pembroke Gochnauer, general counsel for the San Francisco Employers Council, and C. R. Leslie, general counsel for the Los Angeles M. & M., will serve as alternates.

Regular labor members are Wendell Phillips of San Francisco, secretary of the Bakery Wagon Drivers & Salesmen, Local 484 (AFL) and Herbert H. Wilson of Los Angeles, international representative of the United Rubber Workers (C I O). Alternates are Harry Lea of Los Angeles, International Brotherhood of Blacksmiths (AFL) and Ed Hall of Los Angeles, United Auto Workers (CIO).

All members of the Stabilization Board, except Leslie, were members of the Tenth Region of the National War Labor Board, which was terminated by Presidential order on Dec. 31, 1945.

All applications under the new wage and price regulations are to be filed with the new Board through the Wage and Hour and Public Contracts Division of the U. S. Department of Labor as was done under procedure of the War Labor Board.

Approximately 1,400 enforcement cases have been transferred from the Tenth Regional WLB to the new agency. Chairman Neblett stressed that all controls over wage adjustments in the building and construction industry are still in effect and that a vigorous program of enforcement is being carried out in this industry by an enlarged staff of Board attorneys and inspectors of the Wage and Hour Division. He pointed out that under existing executive orders all proposed wage or salary reductions require approval of the Stabilization Board.

Neblett announced that William Babcock, who was regional attorney of the Twelfth Regional WLB in Seattle, will be regional attorney of the new Board in San Francisco. Other division heads are Paul Kleinsorge, director of wage stabilization; Rose Morry, director of information, and Herbert Prodger, director of administrative management. Kleinsorge was assistant director of the Tenth Regional WLB's Wage Stabilization Division, Miss Morry was information director of the Twelfth Regional WLB, and Prodger was administrative management director of the Tenth Regional WLB.

—V—

Certain families should have hangers and hooks made into the shape of the backs of chairs because that is where they generally hang things.

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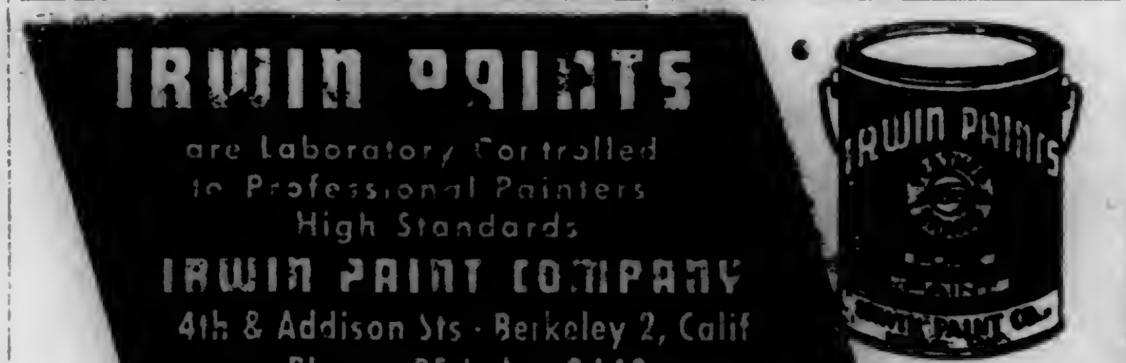

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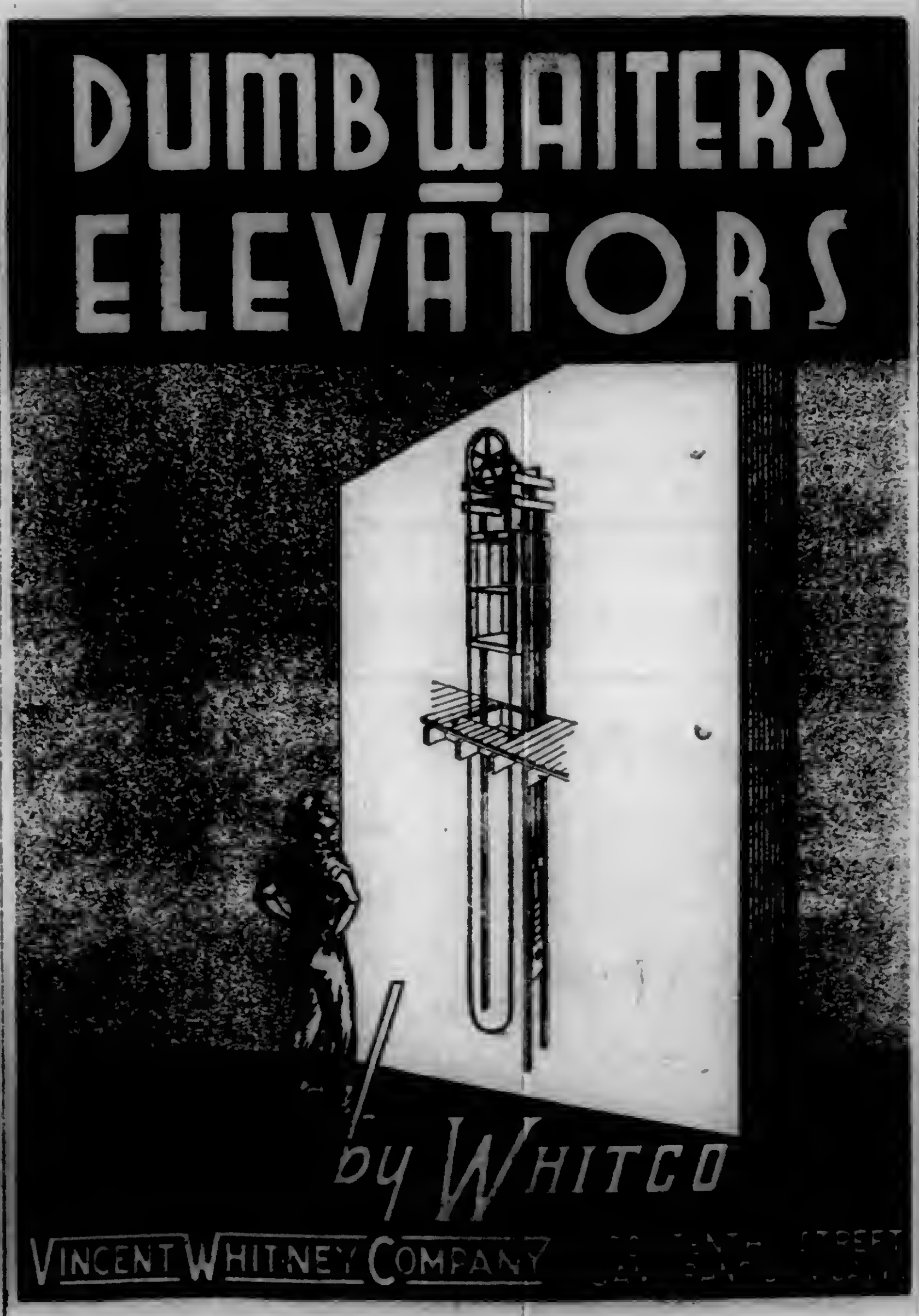

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DAILY PACIFIC BUILDER
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Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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3— CHURCHES

January 16, 1946

PREPARING PLANS
CHURCH Cost, $100,000
LODI, San Joaquin County, Calif. Central Ave. and Cherry Dr.
Construction of new church on site 135x300 feet, of brick or stucco.
Owner — Ebenezer Congregational Church, Rev. F. W. Gross, pastor, 515 S. Garfield St., Lodi.
Architect—Howard G. Bissell, 1225 W. Arcadia St., Stockton.

Upon completion of plans bids will be asked. 3

4— FACTORIES AND WAREHOUSES

January 16, 1946

SUB-CONTRACTS AWARDED
PAPER PLANT Cost, $35,000
SAN JOSE, Santa Clara Co., Calif. E Market Street between Julian and Bassett Streets.
Construction of one-story plant bldg.
Owner—Bayshore Paper Co., W. J. Warner and J. R. Patton, operators, 50 W St. John Street, San Jose.
Architect — Ralph Wyckoff, Anglo Bank Building, San Jose.
Contractor—Carl N Swenson Co. 355 Stockton Ave., San Jose.
Roofing—Fred Hayden Rfg Co, 755 Lenzen Avenue.
Plumbing and Sheet Metal—A. J. Peters & Son, 410 N 10th Street.
Roof Structure—Timber Structures, Inc., 220 Montgomery Street, San Francisco.
Glass—Le Delt Glass Co., P. O. Box 645, San Jose 4.
Steel Sash—Gettins Steel Co. 235 Bayshore Blvd. San Francisco.
Misc. tIron—Engfer Iron Works 535 W. San Carlos.
Mill Work—Pacific Mfg Co. Santa Clara.
Painting—Hunters Painting Service, 430 Jerome St.
Lathing and Plastering—Joe Piazza, 231 Lincoln Ave.
Steel Rolling Doors—Harold Hellwig 150 S Montgomery St.

All of San Jose unless otherwise noted. • 4

7—FEDERAL BUILDINGS

January 16, 1946

BIDS WANTED

CROWS LANDING, Stanislau Co., Calif.—Until January 29, 11 A. M., bids will be received by the public works department, 12th Naval District, 1182 Market St., San Francisco, Room 402, for painting the exteriors of 47 buildings and 22 enclosures all ready for use at the Auxiliary Air Station, Crows Landing, Calif.; Spec. No. 17508.

Plans and specifications may be obtained from the Public Works Department, Design Section, 8th floor, Whitcomb Hotel, San Francisco, upon deposit of check or postal money order for $50, payable to Chief of Bureau of Yards and Docks. • 7

January 46, 1946

CONTRACT AWARDED

LOS ANGELES, Calif. — Davies, Kuesder & Brown, 118½ N. Larchmont St., Los Angeles, at $24,600, was awarded contract by the Veterans' Administration, Washington, D. C., for the construction of a water treatment building at the Los Angeles Veterans' Facility. • 7

January 16, 1946

BIDS OPENED

CORONA, Riverside Co., Calif.—W. C. Smith, Inc., 411 W. 5th St., Los Angeles, at $198,976, submitted the low bid to the U. S. Navy, officer in charge of construction, Roosevelt Base, Terminal Island, December 20, for the construction of rehabilitation office and work shop building at the U. S. Naval Hospital, Corona, for the U. S. Navy; Spjecification 19303, NOy 13129.

The bids were submitted on the following items:

(1) price for the entire work, complete;
(2) deduct from (1) for the omission of cabinet work;
(3) deduct from (1) for the omission of all asphalt paving;
(4) deduct from (1) for the omission of the paint shop and utilities to same;
(5) deduct from (1) for the omission of acoustic tile on ceilings with an addition of fibre board;
(6) unit price for each cubic yard of rock excavation.

The complete bids were:

W. C. Smith, Inc., (1) $198,976, (2) $10,845, (3) $3185, (4) $3135, (5) $890, (6) $10.

Griffith Co., (1) $205,700, (2) $9500, (3) $2600, (4) $3300, (5) $900, (6) $10.

M. A. Imhoff & Associates, (1) $235,400, (2) $13,385, (3) $2748, (4) $4401, (5) $675, (6) $70.

Thomas & Beyer Construction Co., (1) $239,976, (2) $9330, (3) $2500, (4) $3229, (5) $1000. (6) $17.25 7

9— HOSPITALS

January 16, 1946

PLANS BEING FIGURED

SAN GABRIEL, Los Angeles Co., Calif.—Architects Quintin & Westberg, 712 N. Garfield Ave., Alhambra, have completed plans and until Jan. 19, 10 A. M., are taking bids for the construction of a 48-bed hospital on Broadway, east of Del Mar Ave., San Gabriel, for the San Gabriel Valley Hospital. The building will be a one-story structure with six wings, reinforced masonry construction. 9

12— POWER PLANTS

January 16, 1946

PREPARING PLANS

MODESTO, Stanislaus Co., Calif.—Architect Clifford E. Plummer, 823 11th St., Modesto, is preparing plans for the Modesto Irrigation Dist., 823 11th St., Modesto, for the designing and construction of an electric substation; estimated cost, $500,000. The work incoludes construction of a transmission line. 12

13— PUBLIC BLDGS. FIRE HOUSES, JAILS

January 16, 1946

BIDS WANTED—TO BE OPENED FEBRUARY 5, 2 P. M.
WAREHOUSE
SACRAMENTO, Sacramento County Calif. California National Guard.
Construction of a 1-story brick and reinforced concrete warehouse. The floor area will be 4400 sq. ft., approximately.
Owner—State of California, Division of Architecture, Public Works Bldg., 12th and N Sts., Sacramento.
Plans by State Architect Anson Boyd, Public Works Bldg., Sacramento.

Plans and specifications may be obtained from the office of the Division of Architecture, Public Works Bldg., Sacramento.

Each bid must be accompanied by a bidder's bond, cash, a cashier's or certified check made payable to the Director of Public Works in the sum of at least 10% of the amount of bid. • 13

January 16, 1946

PREPARING WORKING DRAWINGS
TOWN HALL ADDN. Cost, $20,000
HILLSBOROUGH, San Mateo Co., Calif.
Addition to town hall.
Owner—Town of Hillsborough, Town Hall.
Architect—William Henry Rowe, 214 Front St., San Francisco.

Upon completion of plans, immediate construction will depend upon building conditions. • 13

January 16, 1946

PREPARING PRELIMINARY PLANS
COUNTY HOSPITAL ADDN. Cost, $100,000
PLACERVILLE, El Dorado Co., Cal.
Construction of addition to county hospital building.
Owner—County of El Dorado, Courthouse, Placerville.
Architect—Harry J. Devine, Cronan Bldg., Sacramento.

The architect has been instructed to proceed with plans and construction is scheduled before July 1, 1946. • • 13

January 16, 1946

ONLY BIDDER
COMFORT STATION
SANTA MARIA, Santa Barbara Co., Calif. 87th Dist. Agric. Assn.
Construction of a concrete and frame building of approx. 1200 sq. ft., together with a sewer line.
Owner—State Division of Architecture, Public Works Bldg., Sacramento.
Plans by State Architect Anson Boyd Public Works Bldg., Sacramento.

Only Bidder—Arthur Pinner, Jr., 116 W 94th St., Los Angeles, $29,980. • • 13

15— SCHOOLS

January 16, 1946

PREPARING PLANS
SCHOOL BUILDINGS Cost, $208,000
CAMPBELL, Santa Clara Co., Calif.
Construction of two new school buildings and cafeteria and garage.
Owner—Campbell Union Elementary School District.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco. 15

January 16, 1946

PLANS COMPLETED
SCHOOL ADDITION Cost, $18,500
CAMPBELL, Santa Clara Co., Calif.
Additions to music room at high school.
Owner—Campbell Union High School District, Campbell.
Architect — Harold H. Weeks, 593 Market St., San Francisco. 15

January 16, 1946

PREPARING PLANS
CAFETERIA Cost, $17,500
CAMPBELL, Santa Clara Co., Calif.
Construction of cafeteria at high school.
Owner—Campbell Union High School District, Campbell.
Architect — Harold H. Weeks, 593 Market St., San Francisco. 15

January 16, 1946

BIDS WANTED

DOWNEY, Los Angeles Co., Calif.—Until Feb. 27, 7:45 P. M., bids will be received by the Downey Union Junior-Senior High School District at the superintendent's office, 319 E Firestone Blvd., Downey, for the construction of a second-floor addition to the junior high school classroom building, 3rd St., Downey, for the district. The addition will contain six classrooms and will be 60x135 feet in area, fireproof concrete construction.

Plans may be obtained from above office or from the office of the architect, Allison & Rible, 305 Quinby Bldg., Los Angeles, upon deposit of $10.00. 15

January 16, 1946

PLANS APPROVED
SCHOOL FACILITIES Cost, $58,600
ORLAND, Glenn County, Calif.
Construction of two wings to the present school, which will house a combination library and cafeteria, a kindergarten and two classrooms.
Owner—Orland Joint Union School District, Charles E. Price, superintendent, Box 695, Orland.
Architect—Otto A. Deichmann, 1026 Market St., San Francisco.

Plans have been completed and approved. • • 15

January 16, 1946

PLANNED
SCHOOL BLDG. Cost, $150,000
OAKLAND, Alameda County, Calif. 150th Avenue School.
Construction of new school in defense workers' community.
Owner—Oakland Board of Education, Dr. Wm. R. Odell, Supt. of Public Schools, 1025 Second Ave., Oakland.
Architect—Not Announced. 15

January 16, 1946

PLANNED
SCHOOL BLDG. Cost, $200,000
OAKLAND, Alameda County, Calif.
Construction of school building and several portable buildings to replace the inadequate Markham School building.
Owner—Oakland Board of Education, Dr. Wm. R. Odell, Supt. of Public Schools, 1025 Second Ave., Oakland.
Architect—Not Announced. 15

January 16, 1945

PLANNED
ADD TO SCHOOL Cost, $23,000
OAKLAND, Alameda County, Calif. Highland School, 8521 A St.
Construction of auditorium addition.
Owner—Oakland Board of Education, Dr. William R. Odell, superintendent of public schools, 1025 2nd Ave., Oakland.
Architect—Not announced. 15

January 16, 1945

PLANNED
SCHOOL BUILDING Cost, $100,000
OAKLAND, Alameda County, Calif.
Construction of school building to replace temporary shacks, Sherman School.
Owner—Oakland Board of Education, Dr. William R. Odell, superintendent of public schools, 1025 2nd Ave., Oakland.
Architect—Not announced. 15

January 16, 1945

COMPLETING PLANS
GYMNASIUM AND CAFETERIA Cost, $99,000
CARUTHERS, Fresno County, Calif. High School grounds.
Construction of gymnasium and cafeteria addition.
Owner—Cruthers Union High School, Caruthers, Calif.
Architect — E. W. Peterson, Mason Bldg., Fresno, Calif. 15

January 16, 1945

PLANNED
IMPROVE SCHOOL Cost, $28,000
OAKLAND, Alameda County, Calif. Hoover Junior High School, 3263 West St.
Improvements to school building.
Owner—Oakland Board of Education, Dr. William R. Odell, superintendent of public schools, 1025 2nd Ave., Oakland.
Architect—Not announced. 15

January 16, 1945

PLANNED
SCHOOL BUILDING Cost, $117,000
OAKLAND, Alameda County, Calif.
Replace present obsolete wooden building, Manzanita School, and reconstruct existing building.
Owner—Oakland Board of Education, Dr. William R. Odell, superintendent of public schools, 1025 2nd Ave., Oakland.
Architect—Not announced. 15

January 16, 1945

PLANNED
SCHOOL BUILDING Cost, $65,000
OAKLAND, Alameda County, Calif.
Construct addition to replace temporary housing.
Owner—Oakland Board of Education, Dr. William R. Odell, superintendent of public schools, 1025 2nd Ave., Oakland.
Architect—Not announced. 15

January 16, 1945

PLANNED
REMODEL SCHOOL Cost, $21,000
OAKLAND, Alameda County, Calif.
Remove brick veneer and tower from Edison School.
Owner—Oakland Board of Education, Dr. William R. Odell, superintendent of public schools, 1025 2nd Ave., Oakland.
Architect—Not announced. 15

January 16, 1945

PLANNED
SCHOOL ADDITION Cost, $50,000
OAKLAND, Alameda County, Calif. 250 Clifton St.
Construction of school addition to contain auditorium and cafeteria.
Owner—Oakanld Board of Education, Dr. William R. Odell, superintendent of public schools, 1025 2nd Ave., Oakland.
Architect—Not announced. 15

January 16, 1945

PLANNED
RECONSTRUCT SCHOOL Cost $92,000
OAKLAND, Alameda County, Calif.
Reconstruct existing 7-room school (Burbank School) and addition of classrooms and auditorium.
Owner—Oakland Board of Education, Dr. William R. Odell, superintendent of public schools, 1025 2nd Ave., Oakland.
Architect—Not announced. 15

16— BANKS, STORES AND OFFICES

January 16, 1946

PREPARING PLANS
OFFICE BUILDING Cost, $60,000
BERKELEY, Alameda County, Calif. Ellsworth and Dana Sts.
Construction of two-story brick and stucco office building.
Owner—Dr. S. H. Babington, 2301 Ward St., Berkeley.
Architects—Reynolds & Chamberlain, 3833 Piedmont Ave., Oakland 11.

Bids will be asked within three or four weeks. • 16

January 16, 1946

PLANS BEING FIGURED

BEVERLY HILLS, Los Angeles Co., Calif. — Architects Earl Heitschmidt and Charles O. Matcham, 417 S. Hill St., Los Angeles, have completed plans and are taking bids January 31, 12 Noon, from a selected list of contractors for a 4-story medical building with basement garage to be built at the corner of S. Beverly Dr. and Gregory Way, Beverly Hills, for Victor Orsatti. The building will cover an area 60x116 ft. and will be reinforced concrete. The building will also contain complete laboratory and pharmaceutical facilities. 16

January 16, 1946

PLANS BEING FIGURED—BIDS OPEN JANUARY 17, 4 P. M.
STORE BUILDING
SAN FRANCISCO. North side of Post St., 177.6 west of Larkin St.
Construction of new two-story reinforced concrete store building.
Owner—Loring Grimm, c/o engineer.
Engineers—Ellison & King, 500 Sansome St., San Francisco.

The following contractors have taken out plans:

Larsen & Larsen, 629 Bryant St., San Francisco.

R. A. Cullen, 478 Jackson St., San Francisco.

Fred W. Schell, 666 Mission St., San Francisco.

Harry P. Peterson, 666 Mission St., San Francisco.

Monson Bros., 475 Sixth St., San Francisco.

Empire Construction Co., Ltd., 344 Harriet St., San Francisco. • 16

January 16, 1946

SUB-CONTRACTS AWARDED
RESTAURANT Cost, $16,000
RENO, Washoe Co., Nev. 349 Sierra St., near 4th St. intersection.
Construction of drive-in restaurant to be known as Gabe's Drive-Inn, having booths and a counter seating 72 persons, and accommodations for 60 vehicles in parking lot. Building to be of horseshoe shape, with curved front completely glassed in. Material will be cement blocks.
Owner—A. W. "Gabe" Noah, Reno.
Architect—David Vhay, Reno.
Contractor—A. V. Linville, Reno.
Plumbing—Reno Plumbing & Heating Co., 301 Keystone, Reno.
Electric Wiring—Electric Service Co., Reno.
Heating — Stevens Heating & Air Conditioning, Reno.
Glass—Alpine Glass Co., 424 E. 4th St., Reno.
Brick and Stone Work—Ward & Co., Reno.
Grading—John Powers, Reno.
Lumber and Mill Work — Washoe Lumber Co., Reno.
Hardware—Commercial Hardware, 24 W. Commercial Row, Reno.
Lathing and Plastering—George Serpentino, Reno.
Concrete—Ready-Mix Concrete Co., S. Sutro, Reno.

January 16, 1946

LOW BIDDER

LOS ANGELES, Calif.—J. O. Oltmans & Son, 810 E. 18th St., Los Angeles, submitted the low bid and will probably be awarded the contract for the construction of a 1-story brick and steel sales and service building on Firestone Blvd., opposite the Firestone Tire & Rubber Co. factory, for the Firestone Tire & Rubber Co., 2525 Firestone Blvd., Los Angeles. The building will cover an area 100x150 feet. Plans were prepared by the Austin Co., 777 E. Washington Blvd., Los Angeles. 16

January 16, 1946

SUB-CONTRACTS AWARDED
SALESROOM, ETC.
Contract Price, $26,850
STOCKTON, San Joaquin Co., Calif.
Construction of salesroom and showroom.
Owner—W. P. Fuller & Co., 218 S. Auburn St., Stockton.
Architects—J. U. Clowdsley, 39 Exchange Bldg.; E. G. Ernst, 561 E. Harding Way, and Mayo & Johnson, 307 Exchange Bldg., Stockton.
Contractor—M.-M. & R. Construction Co., P. O. Box 8, Stockton, Calif.
Roofing—County Roofing Service, 612 E. Worth St., Stockton.
Electric Wiring — Collins Electrical Co., 739 E. Miner Ave., Stockton.
Heating and Sheet Metal — Fraser Furnace Co., 445 S. San Joaquin St., Stockton.
Glass—Fuller Glass Co., 218 S. Aurora St., Stockton.
Brick and Stone Work—Ray Stirm, 1680 W. Flora, Stockton.
Foundations—Frank Miller, 1877 Mt. Diablo St., Stockton.
Lumber, Millwork and Hardware—Alpine Mill Co., 3311 N. Sutter St., Stockton.
Painting—Herman Walters, 1231 N. Ophir St., Stockton.
Lathing and Plastering—W. Belveal & Son, 845 Sullivan, Stockton.
Concrete — Frank Miller, 1877 Mt. Diablo St., Stockton. 16

January 16, 1946

WORK STARTED
STORE AND OFFICE BLDG.
Cost, $36,000
SACRAMENTO, Sacramento Co.
Construction of store and office bldg.
Owner — American Trust Co., 1011 Tenth St., Sacramento.
Architect—Harry J. Devine, Cronan Bldg., Sacramento.
Contractor—Markwart Co., P. O. Box 2104, Sacramento. • • 16

January 16, 1946

BIDS WANTED—TO BE OPENED JANUARY 28, 4 P. M.

MEZZANINE OFFICES
OAKLAND, Alameda County, Calif. Grove St. Pier.
Construction of offices on mezzanine floor of building to involve 1458 sq. ft. area.
Owner — Oakland Port Commission, foot of Grove St., Oakland.

Plans and specifications may be obtained from the above office on January 22. • 16

January 16, 1946

PLANNED
STORE BUILDING
SAN LEANDRO, Alameda Co., Cal. Georgia Way and E 14th Street.
Construction of a 40-ft. corner store, with two 20-ft. stores adjoining. Building to be of brick construction with green vitrolite slab facing with glass brick and smooth sea foam green light.
Owner—L. J. Freeman, 41 Oakes Blvd., San Leandro.
Architect—Not Announced. 16

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Ward Buildings Stockton State Hospital	Stockton	1-29

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

- **Ward Bldgs., Stockton State Hosp., Stockton; Bids open Jan. 29, 2:00 P. M.**
  - Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
  - Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
  - M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
- **Peninsula Ave. Overcrossing, San Mateo; Bids close Jan. 16, 2 P. M.**
  - M. & K. Corp., 200 Financial Center Bldg., S. F. (Ebrook 7624).
  - Robt. McCarthy Co., 1050 Kirkham St., S. F. (OVerland 4050).
  - Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
  - Carl N Swenson Co., 355 Stockton Ave., San Jose 4 (BAllard 2602).
  - S. J. Amoroso Constr. Co., 2109 Oakdale Ave., S. F. (MIssion 1490).
  - Harry J. Oser and Joe Gerrick & Co., 1119 Hobart Bldg., S. F. (DO 5175)
  - Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
- **Danforth Building, Oakland; Bids open January 21.**
  - Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).
  - Shaul Constr. Co., 1630 Webster St., Oakland (GLencourt 7400).
- **Conversion Bldg., No. 401, S. F. Naval Shipyard, San Francisco; Bids open January 31, 11 A. M.**
  - M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
  - Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
  - M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
  - Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
  - Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
  - Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
  - A. Farnell Blair, 9 Main Street, San Francisco (YUkon 0390).
  - De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
- **Exterior Alterations, Southern Pacific Hospital, San Francisco; Bids open January 21, Noon.**
  - Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)
  - R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).
  - Rademann-Giusto, 40 Ringold Street, San Francisco (MArket 8151).
- **Two Bridges, San Joaquin County; Bids close January 23, 2 P. M.**
  - Carl N Swenson Co., 355 Stockton Ave., San Jose 4 (BAllard 2602).
  - M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
- **Laboratory Bldg., Moffett Field; Bids close January 30, 3 P. M.**
  - Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
  - Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
  - Carl N. Swenson Co., 355 Stockton Ave., San Jose (BAllard 2602).
  - Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054).
  - De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
- **Alter Loft Bldg., 1244 Larkin St., San Francisco; Bids open Jan. 17, 1:30 PM**
  - Henry Arian, 4142 Geary Blvd., San Francisco (BAyview 5797).
  - Robert L. Wilson, 1297 Bush St., San Francisco (GRaystone 6224).
  - Empire Constr. Co., Ltd., 344 Harriet St., S. F. (HEmlock 3400).
- **Warehouse, 8th and Ohio, Richmond; Bids open January 25, 10 A. M.**
  - MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
  - Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
  - Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
  - Erbentraut & Summers, 446 6th St., San Francisco (MArket 8310).
  - Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579)
  - M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
  - Biltwell Constr. Co., 4745 Geary Blvd., San Francisco (BAyview 5947)
- **Nursery and Residence, Valencia St., S. F.; Bids open Jan. 24, 1 P. M.**
  - A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).
  - Rademann-Giusto, 40 Ringold Street, San Francisco (MArket 8151).
  - Midstate Constr. Co., 1297 Bush St., San Francisco (ORdway 4638)
- **Bldgs., Services, Reserve Fleet Berthing, Mare Island; NOy 13295; Spec. 17459; Bids open February 1, 11:00 A. M.**
  - Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
  - Peter Kiewit Sons Co., 441 Post St., San Francisco (EXbrook 5736).
  - Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
- **Garage and Auto Sales Bldg., Burlingame; Bids open Jan. 18, 3 P. M.**
  - Parker, Steffens & Pearce, 135 South Park, S. F. (EXbrook 6639).
  - De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
  - MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
- **Store Bldf., Post and Larkin Sts., S. F.; Bids open January 17, 4 P. M.**
  - Empire Constr. Co., Ltd., 344 Harriet St., S. F. (HEmlock 3400).
  - Monson Brothers, 475 Sixth Street, San Francisco (DOuglas 5357).
- **Mortuary, Crosby-N. Gray Co., Burlingame; Bids open January 16, 10 A. M.**
  - Monson Brothers, 475 Sixth Street, San Francisco (DOuglas 5357).

CONTRACTORS . . .
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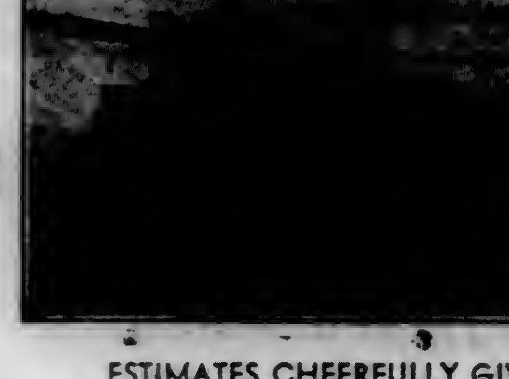

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ADVANCE CONSTRUCTION REPORTS

17— THEATERS

January 16, 1946

PLANNED
THEATER Cost, $200,000
HAYWARD, Alameda County, Calif.
Mountain and Park Blvds.
Construction of theater to seat 1200.
Owner—Golden State Theater Circuit, Inc., David J. Bolton, Div. Mgr., 1842 Park Blvd., Oakland.
Architect—Not Announced. 17

January 16, 1946

PLANNED
THEATER Cost, $300,000
HAYWARD, Alameda County, Calif.
Castro Street bet. Grove and Smalley Streets.
Construction of theater building to seat 1650 people.
Owner—Golden State Theater Circuit, Inc., David J. Bolton, Div. Mgr., 1842 Park Blvd., Oakland.
Architect—Not Announced. 17

19—MISC. CONSTRUCTION

January 16, 1946

BID RECEIVED

COQUILLE, Ore.—The Montgomery Electric Co., Portland, Ore., submitted the only bid (which was not opened) to the Coos Electric Cooperative, Inc., Coquille, Ore., January 8, for the construction of a 306-mile, 7200-12,450-volt transmission and distribution line to serve 1000 members in Coos and Curry counties, Oregon; a rural electrification project; estimated cost, $475,000. The cooperative is proceeding with the construction on force account. Plans were prepared by the Lowe Co., engineers, 315 Architects' Bldg., Los Angeles. 19

January 16, 1946

BIDS WANTED

OROVILLE TO SACRAMENTO, Calif.—Until February 11, 10 A. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1152, for the construction of a 230-kilovolt transmission line from Oroville to Sacramento, Calif.

The transmission line, approximately 56 miles in length, will be a 230,000-volt, 3-phase, 60-cycle, 3-wire, single-circuit of steel-tower construction. The towers will be from 60 feet to 110 feet in height. The conductors for the line will be either 795,000-circular mil aluminum, steel reinforced, or 500,000 - circular mil expanded type copper. Two transpositions will be constructed in the line. The tower footings will be of the reinforced concrete type. The principal items of work and the approximate quantities involved are as follows:

(a) For aluminum conductors (266 towers):
  3200 cu. yds. excavation for tower foundations;
  1600 cu. yds. concrete for tower foundations;
  furnishing and placing 22,000 lbs. of reinforcement bars for tower foundations;
  placing 67,000 lbs. of steel stubs for tower footings;
  erecting 4,000,000 lbs. of structural steel for towers.
(b) for copper conductors (298 towers):
  3600 cu. yds. excavation for tower foundations;
  1800 cu. yds. concrete for tower foundations;
  furnishing and placing 24,000 lbs. of reinforcement bars for tower foundations;
  Placing 75,000 lbs. of steel stubs for tower footings;
  erecting 4,500,000 lbs. of structural steel for towers.

In addition to the above items; the installation of insulators and the stringing of conductors will also be required.

This invitation for bids does not cover the purchase of materials which are to be furnished by the government. Materials to be furnished by the contractor and those furnished by the government are described in the specifications which will be a part of the contract.

The work shall be commenced within 15 calendar days after date of receipt of notice to proceed and shall be completed within 180 calendar days from the date of receipt of such notice.

No charge to prospective bidders for copies of the specifications and drawings; to others, $1.25 per copy, not returnable.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: R. L. Boke, regional director, Old Post Office Bldg., 7t hand K Sts., Sacramento 14, Calif.; I. C. Harris, acting construction engineer, Redding, Calif.; Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the acting construction engineer. • 19

January 16, 1945

PREPARING PLANS
AIRPORT Cost, $139,000
COALINGA, Fresno County, Calif.
Construction of an airport, class III.
Owner—City of Coalinga, Calif.
Architect—Not announced. 19

20— MISC. SUPPLIES AND MATERIALS

January 16, 1946

BIDS OPENED

SACRAMENTO, Calif.—The following submitted bids to the State Purchasing Agent, Sacramento:

QUO. 29300, REQ. 76022:

Griffith Co., $2.25 per ton at Olympic St., Los Angeles, and $2.75 per ton at Figueroa and C Sts. or Alameda St. in Wilmington.

Sully Miller Co., $2.15 vendor's plant, Orange.

Asphalt Paving Co., $2 vendor's plant in San Bernardino County, one mile east of Claremont.

Pacific Rock & Gravel Co., $1.88 vendor's plant; discount 20 cents per ton 20th.

Southwest Paving Co., $1.59 vendor's plant.

QUO. 29097, REQ. 21601:

Trogan Powder Co., San Francisco, $550.76 total.

Colley & Pollard Hardware Co., Yreka, total $556.80; awarded.

T. Jones & Co., Hornbrook, $557.

DuPont De Nemours, San Francisco, $90 on Item 1; $157.50 Item 2; $172.50 Item 3; $125 Item 4; no bid on Item 5.

No bids received on Quo. 28365, Req. 86953. • 20

January 16, 1946

SALES CATALOG CANCELLED

SAN FRANCISCO.—The Navy Material Redistribution and Disposal Office, 785 Market St., San Francisco, has cancelled Sales Catalog No. B-234-46 in its entirety, for which bids were scheduled to have been opened January 17, 10 A. M.

All bids and deposits will be promptly returned. • 20

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January 16, 1946

CONTRACT AWARDED

ANTIOCH, Contra Costa Co., Calif. Gamewell Co., 7 Front St., San Francisco, at $4323 (total bids), awarded contract January 14 by the Antioch City Council, C. W. Hornback, city clerk, City Hall, Antioch, for:

(1) furnishing and installation of a new 2-circuit class B automatic switchboard and accessories thereto in the City Hall. Accessories to include the batteries specified hereinafter;
(2) furnishing and installation of a new 5-shelf battery rack, approximately 8-in. wide by 96-in. long and provided with substantial earthquake guards;
(3) factory overhaul of existing register in the City Hall. The overhaul to constitute takedown, cleaning, replacement of worn or damaged parts, proper and oiling. Crating, shipping, reinstallation to be by contractor;
(4) furnishing and installation of a new recording set at the City Hall fire station;
(5) repairing of existing whistle-blowing machine of the weight actuated type now located in the fibre-board plant. Machine to be cleaned, oiled, adjusted and placed in proper operating condition.

Only other bidder was Electric Communications at $4250.

Gamewell Co. was awarded contract on basis of certain stipulations qualifying for award. • 20

January 15, 1946

BIDS WANTED

SAN FRANCISCO.—Until January 17, 2 P. M., bids will be received by the Treasury Department, Procurement Division, 30 Van Ness Ave., San Francisco 2, under Inv. No. SF-2741-46 for remodeling and installing fluorescent light fixtures and installing convenient outlets, f.o.b. San Francisco.

Specifications obtainable from the above office. 20

January 16, 1946

BIDS OPENED

DAVIS DAM PROJECT, Ariz.-Nevada.—Following submitted bids to the U. S. Bureau of Reclamation, Denver, under Spec. 1135 for furnishing and delivering fob cars at shipping point or fob cars at Sched. No. 1, Davis Government Camp at Kingman, Ariz., and Schedule No. 2, Louise, Ariz., at the option of the bidder, 34 two-bedroom, prefabricated, portable and demountable houses for Davis Government Camp, Davis Dam Project. The houses will be erected by the government:

Jackie and Ricard L. Perkins, Salt Lake City, item one, $78,161 fob dest.; item two, $65,430 fob Salt Lake City; terms net.

Green Lumber Co., Laurel, Miss., item two, $61,961.60 fob Laurel, Miss.; terms net.

Prefab. Constr. Co., Los Angeles, item two, $1362.50 per unit fob Los Angeles; terms net.

General Housing Co., Dallas, Tex., item one, $104,093.65 fob dest.; no terms given. • 20

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Bridges 21
Dredging, Harbor Works and Excavation 22
Canals 23
Street Lighting System 24
Machinery and Equipment 25
Railroads 26
Treasury Department 27
Fire Equipment 28
Streets and Highways 29
Reservoirs and Dams 30
Pipe Lines and Wells 31
Sewers and Sewage Disposal Plants 32
Waterworks 33
Parks and Playgrounds 34
Tunnels 35

21— BRIDGES

January 16, 1946

BIDS WANTED

HELENA, Mont.—Until Wednesday, January 23, bids will be received by the Montana State Highway Commission, Howard W. Holmes, state highway engineer, Helena, Mont., for the construction of the following highway and bridge projects at an estimated cost of $875,000:

(1) grading, draining and surfacing 7 miles of the Ulm-Gore Hill near Great Falls;
(2) construction of a 174-ft. steel and concrete overpass over the Great Northern Railroad tracks one mile southwest of Great Falls;
(3) grading, draining and surfacing approximately 6 miles of the Armington-Lewistown road on U. S. 87 in Fergus County;
(4) construction of 171 ft. of treated timber bridges on the Armington-Lewistown road;
(5) surfacing of approximately 19 miles of the Jordan-Circle road on Montana 18 in McCone Co.;
(6) construction of a 251-ft. steel and timber bridge over Little Powder River 4 miles northeast of Broadus;
(7) construction of a177-ft. steel and concrete bridge over the Judith River and construction of a 175-ft. treated timber bridge over Sage Creek on the Lewiston-Denton road in Fergus County;
(8) grading, draining and surfacing 3 miles of the Flathead Lake-East Shore road in Lake County;
(9) partial grading, draining and surfacing approximately 9 miles of the Billings-Broadview road in Yellowstone County. 21

January 16, 1946

CONTRACT AWARDED

SACRAMENTO, Calif. — Lord & Bishop, P. O. Box 812, Sacramento, Calif., at $600, awarded contract by the City of Sacramento, City Hall, Sacramento, Calif. 21

23— CANALS

January 16, 1946

PLANS COMPLETED

PARADISE, Butte Co., Calif.—District Engineer D. A. Blackburn, Paradise Irrigation District, Paradise, has completed plans for replacing wooden stave pipes with wrapped steel pipe in irrigation ditches; estimated cost, $201,230. 23

January 16, 1946

PREPARING PLANS

MILL VALLEY, Marin Co., Calif. —Engineers Punnett-Parez & Hutchison, 58 Sutter St., San Francisco, are preparing plans for enlarging, deepening and lining Corte Madera Creek at an estimated cost of $30,000 for the City of Mill Valley. 23

January 16, 1946

PLANS COMPLETED

FRESNO, Calif.—Anson J. Gerner, chief engineer, Fresno Irrigation District, Helm Bldg., Fresno, has completed plans for replacement of present canal system to estimated cost $540,000. 23

January 16, 1946

LOW BIDDER

ALTADENA, Los Angeles Co., Calif.—Haddock Engineers, Ltd., 129 W. 2nd St., Los Angeles, at $36,280, submitted the low bid to the Rubio Canyon Land & Water Association, 583 E. Sacramento St., Altadena, January 7, for the installation of water mains in Altadena. Plans and specifications were prepared by A. L. Sonderegger, consulting engineer, 925 Central Bldg., Los Angeles. 23

January 16, 1946

PLANS COMPLETED

OAKDALE, Stanislaus Co., Calif. —R. E. Hartley, Chief Engineer of the Oakdale Irrigation Dist., Oakdale, has completed plans for construction of concrete lining canals to cost $34,700.

Work involves installing concrete pipe and constructing pump plants. 23

January 16, 1946

COMPLETING PLANS

MODESTO, Stanislaus Co., Calif.—Engineer Clifford E. Plummer, 823 11th St., Modesto, is completing plans for the Modesto Irrigation District, 823 11th St., Modesto, for the construction of bridges, pumping plant and pipe lines, estimated cost $194,000. The work includes concrete canal lining. 23

January 16, 1945

PREPARING PLANS

SELMA, Fresno Co., Calif.—District Engineer I. H. Tellman, Consolidated Irrigation District, Selma, is preparing plans for construction of lining for drainage canal estimated to cost $700,000. 23

January 16, 1945

PREPARING PLANS

BRENTWOOD, Contra Costa Co., Calif.—Engineer Gerald H. Jones, 609 34th St., Sacramento, is preparing plans for concrete lining of canals and concrete piping of laterals estimated to cost $31,000 for the East Contra Costa Irrigation District, Brentwood. 23

25—MACHINERY AND EQUIPMENT

January 16, 1946

BIDS OPENED

MENDOCINO COUNTY, Calif.—The following submitted bids to G. F. Hellesoe, district engineer, District I, Department of Public Works, Division of Highways, 546 W. Wabash Ave., Eureka, Calif., for rental of one No. 12 diesel or gasoline-powered extra heavy duty grader for use as needed for not to exceed 160 hours' work in Mendocino County.

John Burman & Sons, Eureka, (1) $6.375 per hour, (2) no charge transportation.

Combs Bros., San Leandro, (1) $6.50, (2) $100, (3) $7.25 overtime. • 25

January 16, 1946

BIDS OPENED

MILK RIVER PROJECT, Montana. —The following submitted bids to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1126 for furnishing and delivering one motor-driven vertical shaft, single - stage, propeller type pumping unit with a capacity of 15 second feet under a pumping head of 20.5 feet, for installation in the Dodson pumping plant, Milk River Project, Montana, f.o.b. shipping point and/or Dodson, Mont.:

Fairbanks - Morse & Co., Kansas City, Item 1, $1856, terms f.o.b. bidder's shipping point.

Crne-Ofallon Co., Denver, Item 1, $2198, f.o.b. destination; terms net. • 25

January 16, 1946

BIDS OPENED

DENVER, Colo. — The following submitted bids to the office of the Bureau of Reclamation, Denver, Colo., under Spec. No. 1137 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Hay Springs, Neb., at the option of the bidder, one adjustable weir with 24-in. handwheel lift, frame and rubber belting; one 8-ft. by 5-ft. radial gate, with 5-in. diameter rollers, pin bearings and 10-in. wall plates without butt splices, and one 3000-lb. capacity, manually operated radial-gate hoist, complete with all parts and accessories for installation in the Sturgeon lateral at Peter's lateral turnout, station 116+24, Mirage Flats Project, Nebraska. The weir, gate and hoist will be installed by the government. The specifications contain a provision for liquidated damages for delay. Delays due to the national priorities system effective subsequent to the date of the bid will be considered to be delays due to unforeseeable causes and beyond the control of the contractor. No charge for copies of the specifications to prospective bona fide bidders; to others, $1.25, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colo.:

Milwaukee Welded Products, Milwaukee, Item 1, $2060.50; Item 2, $1577.50, f.o.b. Milwaukee; terms ½% net.

Gabriel Fabrication & Erection Co., Portland, Item 1, $756; Item 2, $640, f.o.b. Portland; terms 2% net.

Monarch Forge & Machine Works, Portland, Item 2, $1250, f.o.b. Portland; terms ½% net.

Western Gear Works, Seattle, Item 1, $919; Item 2, $944, f.o.b. Seattle; terms net.

John W. Beam, Denver, Item 1, $575; Item 2, $1500, f.o.b. Denver; terms net.

Omaha Steel Works, Omaha, Item 1, $1110, f.o.b. Omaha; terms net.

Dravo Corp., Pittsburgh, Item 1, $1325; Item 2, $1645, f.o.b. Pittsburgh; terms net. • 25

January 16, 1946

BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until January 29, 2 P. M., bids will be received by the Oakland City Council, City Hall, for police ambulance.

Specifications obtainable from the above office. 25

January 16, 1946

BID OPENED

SAN FRANCISCO.—St. Louis Car Co. at $25,240 each, net, for 10 cars, and at $24,900 each net for 20 additional cars, submitted only bid to the Purchaser of Supplies, 270 City Hall, under Bid No. 3434, for furnishing and delivering double - end street cars for the Municipal Railway. • • 25

January 16, 1945

BID OPENED

SONOMA COUNTY, ETC., Calif.—A. D. Siri, at bare rental $6 per hour, normal operation $6.50 per hour, time and one-half $8.20 per hour, double time $9.90 per hour and transportation $12.50, submitted only bid to the State Division of Highways, John H. Skeggs, district engineer, 2001 Van Ness Ave., San Francisco, for rental of one ½-cu. yd. capacity truck crane equipped with clamshell bucket for approximately 200 hours of work in Sonoma and other counties in District IV. • 25

January 16, 1946

NO BIDS RECEIVED

SAN MATEO COUNTY, Calif.—No bids were received January 15, 3 P. M., by the Department of Public Works, Division of Highways, John H. Skeggs, District Engineer, 2001 Van Ness Ave., San Francisco, for rental of one 1¼-c.y. shovel equipped with dipper sticks, for approx. 100 hours of work in San Mateo County. • • 25

January 16, 1946

BID OPENED

SAN FRANCISCO. — Rodoni, at bare rental of $3.00 per hour; normal maintenance operation, $3.50 per hr.; time and one-half $4.25 per hour; double time, $5.20 per hour, and transportation $6.50, submitted only bid to the office of John H. Skeggs, District Engineer, 2001 Van Ness Ave., San Francisco, for rental of one or two tractors of not less than 80-h.p. • • 25

January 16, 1946

BID OPENED

SAN MATEO COUNTY, Calif.—H. E Springer, at $3.25 per hour normal time, and $3.8125 per hour overtime, submitted only bid to the Department of Public Works, Division of Highways, John H. Skeggs, District Engineer, 2001 Van Ness Ave., San Francisco, for pneumatic-tired dump trucks of not less than 4-c.y. level capacity for approx. 200 hours of work each for use in San Mateo County. • • 25

January 16, 1946

BIDS OPENED

TUCUMCARI PROJECT, N. M.—The following submitted bids to the U. S. Bureu of Reclamation, Denver, Colo., under Spec. 1134 for furnishing and delivering one radial gate and one radial gate hoist for the Conchas Canal, Tucumcari Project, New Mexico, f.o.b. shipping point and/or Tucumcari, N. M.

Dravo, Pittsburgh, Item 1, $950; Item 2, $1645, f.o.b. Pittsburgh; terms net.

Western Gear Works, Seattle, Item 1, $638; Item 2, $949; terms net.

John W. Beam, Denver, Item 1, $600, f.o.b. Peotone; terms net.

Monarch Forge & Machine Works, Portland, Ore., Item 2, $1250; terms ½% net.

Gabriel Fabrication & Erection Co., Portland, Ore., Item 2, $647.50; Item 2, $640; terms 2% net.

George Gerhardt Co., San Francisco, Item 2, $4800; Item 2, $608.60, f.o.b. San Francisco; terms net.

Consolidated Steel Corp., Los Angeles, Item 2, $1170; Item 2, $1330, f.o.b. Los Angeles; terms net.

Pacific Coast Engineering Co., Alameda, Item 1, $750, f.o.b. Alameda; terms net.

Berkeley Steel Construction Co., Item 1, $814, f.o.b. Berkeley; terms net.

Omaha Steel Works, Omaha, Neb., Item 1, $837, f.o.b. Omaha; terms net.

Milwaukee Welded Products Co., Milwaukee, Wis., Item 1, $1436.50; Item 2, $1562, f.o.b. Milwaukee; terms ½% net. • 25

26— RAILROADS

January 16, 1946

BID OPENED

SAN FRANCISCO. — Bethlehem Steel Co., 20th and Illinois Streets, at $15,733.75 submitted only bid to the Purchaser of Supplies of the City and County of San Francisco, under Bid No. 3445, for furnishing and delivering to Elkton spur track, San Francisco, cast manganese steel track. • • 26

29— STREETS AND HIGHWAYS

January 16, 1946

CONTRACT AWARDED

LOS ANGELES, Calif.—Peter Kiewit Sons Co., 650 S. Grand Ave., Room 505, Los Angeles, at $1,333,066.30, awarded contract by C. H. Purcell, state director of public works, Public Works Bldg., Sacramento, for about 1.6 miles grading and paving with portland cement concrete and asphaltic concrete on Santa Ana Parkway between Kearney and Soto Sts., Los Angeles. • 29

January 16, 1946

BIDS WANTED

STOCKTON, San Joaquin Co., Calif. —Until January 29, 11 A. M., bids will be received at the office of the officer in charge of construction, U. S. Naval Supply Annex, Stockton, under Spec. No. 17555 for additional drainage systems and extension of motor parking area at the U. S. Naval Supply Annex, Stockton, Calif.

Specifications may be obtained from the above office upon deposit of check or postal money order for $10, payable to Chief of Bureau of Yards and Docks. • 29

January 16, 1946

BIDS OPENED

SISKIYOU COUNTY, Calif.—Fred J. Maurer & Son, 3031 E St., Eureka, Calif., at $50,162, submitted total low bid to the Public Roads Administration, Chas. C. Morris, division engineer, 720 Phelan Bldg., San Francisco, for the construction of 0.074 mile of Project Calif. FH-93-B, Salmon River, Klamath National Forest, Siskiyou County.

The work involves:

(1) extra and miscellaneous force account work, $250;
(2) lump sum, removal and disposal of existing timber;
(3) 175 cu. yds. unclassified excavation for structures;
(4) 217 cu. yds. concrete, class A;
(5) 11 cu. yds. concrete, class YY;
(6) 32,500 lbs. reinforcing steel;
(7) lump sum, government furnished structural steel erected;
(8) lump sum, concrete filled steel grid bridge floors;
(9) lump sum, clean and paint existing structural steel.

Complete bids were:

Fred J. Maurer & Son, (1) $250, (2) $3000, (3) $10, (4) $60, (5) $70, (6) $.10, (7) $10,300, (8) $16,735, (9) $2027; total, $50,162.

Mercer-Fraser Co., Eureka, (1) $250, (2) $3000, (3) $12, (4) $55, (5) $60, (6) $.10, (7) $12,000, (8) $18,000, (9) $2800; total, $51,070.

R. A. Westbrook, Sacramento, (1) $250, (2) $2750, (3) $6.50, (4) $70, (5) $113, (6) $.13, (7) $14,200, (8) $18,000, (9) $7500; total, $64,245.50. • 29

January 16, 1946

LOW BIDDER

LOS ANGELES, Calif. — Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles, at $36,849.97, submitted low bid to the Los Angeles Board of Public Works, 153 City Hall, Los Angeles, for the grading, paving and otherwise improving of Anaheim St. Plans and specifications were prepared by Lloyd C. Aldrich, city engineer. 29

January 16, 1946

CONTRACT AWARDED

SAN FRANCISCO.—Guerin Bros., 208 S. Linden Ave., South San Francisco, at $0.348, total $4698, awarded contract by the Public Utilities Commission, Room 287 City Hall, under Water Department Contract 407 for grading University Mound lots. • 29

January 16, 1946

CONTRACT AWARDED

OCEANSIDE, San Diego Co., Cal. —McClanahan & Mullenaux, Arlington, at $18,670.90, awarded contract by the U. S. Navy, Bureau of Yards and Docks, Washington, D. C., for armor coating access road at Camp Jos. H. Pendleton, Oceanside. Spec. No. 17455. 29

January 16, 1946

BIDS WANTED

FLAGSTAFF, Ariz.—Until January 30, 11 A. M., bids will be received by the Arizona State Highway Commission, 1739 W. Jackson St., Phoenix, Ariz., for the improvement of the Flagstaff - Winslow Highway FI 84 (4) Sch. 1, AFE 6670. The work involves four miles of grading, draining and paving, beginning about three miles east of Flagstaff and extending easterly. Plans and specifications available from the above office upon payment of $5.25; guarantee of 10% to accompany bids.

The work involves:

(1) 129,700 cu. yds. roadway excavation;
(2) 2400 cu. yds. drainage excavation;
(3) 150,300 sta. yds. overhaul;
(4) 6900 cu. yds. mile haul;
(5) 38,900 T aggregate base;
(6) 6600 cu. yds. stripping pits;
(7) 6600 M gallons sprinkling;
(8) 2300 hours rolling;
(9) 54,400 sq. yds. concrete pavement;
(10) 86 cu. yds class A concrete;
(11) 6400 lbs. reinforcing steel;
(12) 1384 lin. ft. corrugated metal pipe;
(13) 3 each cattle guards;
(14) 18,000 lin. ft. line fence;
(15) 3840 lin. ft. road guard;
(16) 5000 tons mineral aggregate;
(17) 525 tons road oil, SC-4;
(18) 3.9 miles processing road mix;
(19) 450 tons screenings;
(20) 60 tons emulsified asphalt, class A. 29

January 16, 1945

PLANS COMPLETED

MILL VALLEY, Marin Co., Calif.—Consulting Engineers, Thomas & Whipple, 310 University Ave., Palo Alto, have completed plans for widening and improving Miller Ave. at an estimated cost of $400,000 for the City of Mill Valley, City Hall, Mill Valley. 29

30—RESERVOIRS & DAMS

January 16, 1946

BIDS WANTED

RITZVILLE, Wash. — Until February 19, 8 P. M., bids will be received by the City of Ritzville, Jake Hoefel, city clerk, Municipal Bldg., Ritzville, for construction of reinforced concrete water tank, 1,000,000-gal. storage capacity, 22 ft. high, 90 ft. diameter. Alternate bids will be taken on prestressed concrete tank and standard reinforced concrete tank, cast iron and transite pipe.

Plans obtainable from Consulting Engineer DeWitt C. Griffin & Associates, Old National Bank Bldg., Spokane, upon deposit of $53,000. 30

January 16, 1946

PLANS COMPLETED

ST. HELENA, Napa Co., Calif.—Engineer John A. Mitchell, 1735 Spring St., St. Helena, has completed plans for raising reservoir, estimated to cost $43,000, for the City of St. Helena. 30

32— SEWERS & SEWAGE DISPOSAL PLANTS

January 16, 1946

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Calif. —A. J. Peters & Son, 410 N. 10th St., San Jose, at (a) storm sewers $1258.59, (b) sanitary sewers $3942.85, (c) water system $1690.61, awarded contract January 14 by the City of San Joee, John J. Lynch, city manager, City Hall, San Jose, for the installation of sanitary facilities for the equipment of trailer units situated upon city property located between Polhemus St. and Ashbury St.; Spring St. and Irene St., Victory Village, San Jose, and for furnishing electric lighting system for a connection.

Other bidders were:

Underground Construction, Oakland, (a) $1735.50, (b) $4422.21, (c) $3012.65.

Louis L. Fitinghoff, San Jose, (a) $1541.75, (b) $4374.38.

Robert Dacher, Berkeley, (a) $1769.75, (b) $4290.22, (c) $3236.80.

William F. Sepra, San Jose, (c) $2573.70. • 32

January 16, 1946

PREPARING PLANS

RED BLUFF, Tehama Co., Calif. —Engineer F. H. Reynolds, Forum Bldg., Sacramento, is preparing plans for construction of storm sewers and street improvements, estimated to cost $380,000 for the City of Red Bluff. 32

January 16, 1946

PREPARING PLANS

MENDOTA, Fresno Co., Calif.—Engineer J. A. Ross, Rowell Building, Fresno, is preparing plans for construction of sewer system for the City of Mendota, at estimated cost of $90,000. 32

January 16, 1945

PREPARING PLANS

ROCKLIN, Placer Co., Calif.—Engineer A. Gomez, 211 California Fruit Bldg., Sacramento, is preparing plans for construction of sewage collection system and disposal plant estimated to cost $125,000 for the City of Rocklin, Rocklin. 32

January 16, 1945

PLANS COMPLETED

CHOWCHILLA, Madera Co., Calif. —Engineer B. O. Webber, Box 1571, Bakersfield, is completing plans for sewer extension estimated to cost $41,000 for the City of Chowchilla, City Hall. 32

January 18, 1945

PREPARING PLANS

SONOMA COUNTY, Calif. — Consulting Engineer Charles H. Lee, 58 Sutter St., San Francisco, is preparing plans for construction of sewage collection system estimated to cost $335,385 for the County of Sonoma, Courthouse, Santa Rosa. 32

January 16, 1945

PREPARING PLANS

WATSONVILLE, Santa Cruz Co., Calif.—City Engineer H. B. Kitchen, 268 Main St., Watsonville, is preparing plans for construction of sewage system estimated to cost $86,000 for the City of Watsonville, City Hall, Watsonville. 32

33—WATERWORKS

January 16, 1946

CONTRACT AWARDED

SAN FRANCISCO.—F. T. Fairey, 1874 25th Ave., San Francisco, at $2534.96, awarded contract by the Public Utilities Commission, Room 287 City Hall, under Water Department Contract 412 for 6- and 8-in. water mains on 42nd Ave. between Quintara and Rivera. • 33

January 16, 1946

PREPARING PLANS

PLACERVILLE, El Dorado Co., Cal.—District Engineer Jos. E. Spink, El Dorado Irrigation Dist., Placerville, is preparing plans for irrigation facilities estimated to cost $1,030,000. Work involves construction of a dam. 33

January 16, 1946

COMPLETING PLANS

ORLAND, Glenn Co., Calif.—Engineer Frank S. Robinson, Chico, is completing plans for the City of Orland, for construction of a steel water tank and tower; estimated cost, $14,000. 33

January 16, 1945

PREPARING PLANS

YREKA, Siskiyou Co., Calif.—City Engineer Art O'Conner is preparing plans for addition to existing city water lines estimated to cost $45,000 for the City of Yreka, City Hall, Yreka. 33

January 16, 1945

PREPARING PLANS

ARCATA, Humboldt Co., Calif.—City Engineer H. C. Acheson is preparing plans for construction of Jacoby Creek water system estimated to cost $260,000 for the City of Arcata, City Hall, Arcata.

Work involves construction of small diversion dam and necessary pipeline, about seven miles southeast of the city. 33

34— PARKS AND PLAYGROUNDS

January 16, 1946

CONTRACT AWARDED

SACRAMENTO, Calif. — Fred W. Kolb, at $1189, awarded contract by the City of Sacramento, City Hall, for furnishing remote control equipment for water tanks No. 1 and 2. 34

Machinery & Material

SAN FRANCISCO CITY

SAN FRANCISCO.—Until January 28, 3 P. M., bids will be received by the Purchaser of supplies of the City and County of San Francisco, 270 City Hall, for furnishing and delivering 15 tons pig lead for the San Francisco Water Department.

Specifications and proposal blanks available from the above office. •

San FRANCISCO.—Until January 25, 3 P. M., bids will be received by the Purchaser of Supplies of the City and County of San Francisco, 270 City Hall, for furnishing and delivering linoleum for various city departments and institutions for the term March 1, 1946, to August 31, 1946.

Specifications and proposal blanks available from the above office. •

U. S. TREASURY

SAN FRANCISCO.—Until February 1, 2 P. M., bids will be received by the U. S. Treasury Department, Procurement Division, 30 Van Ness Ave., San Francisco, under Inv. SF-2735-46 for rulers and file folders delivered at 650 Fifth St., San Francisco.

Specifications obtainable from the above office. •

FOR SALE
ROSS LUMBER CARRIER
pneumatic tires, uses 66-in. blocks. Immediate delivery. Gamerston & Green Lumber Co., 1800 Army St., San Francisco 24. Phone AT. 1300.

WANTED
FOR SALE - FOR RENT
★
USED EQUIPMENT AND MATERIALS

FOR SALE

NEW & RECONDITIONED DIMENSION LUMBER
TIMBERS, wallboards, plumbing, pipe, millwork, and other building materials. SALE PRICES. Large stocks of "hard to get" items.
Wire, write, or 'phone
CLEVELAND WRECKING CO.
2900 Third St. - VAlencia 4977

70-ft. STEEL TOWER, 28 M gal. REDWOOD TANK and two 66-in x 24-ft. x ⅜-in. STEEL PRESSURE TANKS to be sold as one unit. Located in San Francisco. Must be removed at once. Sacrifice. Write, 'phone or wire for information.
CLEVELAND WRECKING CO.
2800 Third Street, San Francisco
VAlencia 4977 (tf)

350,000 Bm. Good Used Douglas Fir Lumber, 3x8, 3x10, 3x12, 4x12, 6x12, 8x8, 10x10, 10x12, 12x12, 12x16. Timbers 8 ft. to 60 ft. in length, all in very good condition. Address FRED J. MAURER & SON, 'phone 1585 or Box 121, Eureka, California.

SPRAY BOOTH, 8x7 ft., with 2 FANS and MOTORS. CHEAP. Phone EXbrook 1513. to 1/22/46

FOR RENT

CLEVELAND TRENCHER, fully operated. F. R. Archibald, LOckhaven 81792. •

5-yd. DUMP TRUCKS for hire. All late model, fully maintained. Call HEmlock 1669.
1/16-17-18-21-22/46

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS

Building Permits, $1,000 and Over, Applied For

SAN FRANCISCO COUNTY

ALTER HOTEL
340 STOCKTON STREET.
Owner—T W Cordes, Inc, Oakland.
Contractor—Not Let.
Architect—Not Given. $30,000
(App No 85284).

ALTER STORE
833 MISSION STREET.
Owner—S F Furniture Co, 1167 Market Street.
Contractor—A M Hardy, 736 Clementina Street.
Architect—Not Given. $25,000
(App No 85244).

1-STORY FRAME STORES
NW. OCEAN AVE. and LAGUNITAS
Owner—Harry Grossman, c/o contractor.
Builder—J. S. Malloch, 666 Mission.
Architect—Irwin Wm. Goldstine, 821 Market St., San Francisco. $16,000
(Application No 85191)

CLEANING PLANT
NE INNES AVE 125 NW Earl St
Owner—R W Nicholsar, 814 Innes
Architect—Not Given. $16,000
(App No 85289)

RESIDENCE, 1-story frame
S LOMBARD 114 E Pierce.
Owner—F and Evelyn Thatcher, 2085 Chestnut Street.
Contractor—Fred Fiske, 1363 Eighth Avenue
Architect—Not Given. $14,000
(App No 85261).

INDUSTRIAL BLDG, Class C
S BRYANT 216 W 2nd St.
Owner—R H Harmes, 1014 Howard.
Architect—Not Given. $9,000
(App No 85237).

RESIDENCE, 1-story frame
NW WAYLAND and Girard.
Owner—A Bin, 4408 3rd St.
Contractor—G Carraro & Sons, 700 Felton St.
Architect—Not Given. $8,500
(App No 85285).

DWELLINGS, eight 2-story frame
S LOS PALMOS DR, 46, 71, 96, 121, 146, 171, 196, 221 W Luber Alley.
Owner and Builder—Meyer Constr Co, 200 Quint St.
Architect—Not Given. $7,000 each
(App Nos 85296-85303).

DWELLINGS, two 2-story frame
S BURLWOOD DR 48, 73 W Luber.
Owner and Builder—Meyer Constr Co 200 Quint St.
Architect—Not Given. $7,000 each
(App Nos 85308-9).

DWELLING, 1-story frame
E JULES 225 S Holloway.
Owner—A Gellfuss, c/o cntr.
Contractor—A Nelson, 242 Ocean Ave
Architect—Not Given. $6,500
(App No 85262).

DWELLINGS, five 1-story frame
W VICTORIA 79, 104 S Randolph; N Sagamore 255, 305, 280 W Capitol.
Owner and Builder—A Nelson, 242 Ocean Avenue.
Architect—Not Given. $6,500 each
(App Nos 85263,-64-65-66-67)

DWELLING, 1-story frame
W BEVERLY 25 N aGrfield.
Owner and Builder—F H Thorinson, 1608 Ocean Ave.
Architect—Not Given. $6,000
(App No 85290).

ALTER HOTEL
450 POWELL STREET.
Owner—Sir Francis Drake Hotel Co, 450 Powell Street.
Contractor—Not Let.
Architect—Not Given. $5,500
(App No 85282).

DWELLINGS, four 1-story frame
SE 26th AVE and Quintara; S Quintara 95, 120 E 26th Ave; SW 25th Ave and Quintara.
Owner and Builder—Atlas Realty Co 1500 Judah Street.
Architect—Not Given. $5,300 each
(App Nos 852523--4-5)

ALTER STORE AND APT
53 BRENHAM PLACE.
Owner—Ong Tong Yuan, 718 Grant.
Contractor—Alf P Fisher, 300 Montgomery St.
Architect—Not Given. $5,000
(App No 85293).

DWELLING, 1-story frame
W PARQUE 275 N Geneva Ave.
Owner and Builder—Sbarboro & Jorgensen, 45 Raycliff Terrace.
Architect—Not Given. $4,700
(App No 85291).

ALTER BAKERY
512 CLEMENT STREET.
Owner—Ed Weltzel, premises.
Contractor—Chas O Jones, 49 Zoe St
Architect—Not Given. $4,000
(App No 85270)

STORE, 1-story frame
E SAN BRUNO 124 S Burrows.
Owner—P and V Ciolino, 130 Ledyard Street.
Contractor—Thos M Jones, 15 Guerrero Street.
Architect—Not Given. $3,400
(App No 85256).

ALTER BAR
201 JONES STREET.
Owner—Wm P Mountanos, et ai, 201 Jones Street.
Contractor—Undlin Store Fixture Co, 682 McAllister Street.
Architect—Not Given. $3,000
(App No 85247).

ALTER RESTAURANT
886 BROADWAY.
Owner—Louis Bacchini, premises.
Contractor—Pacific Fixture Co, 1218 18th Avenue.
Architect—Not Given. $2,500
(App No 85304)

ALTER PHOTO STUDIO
3036 FILLMORE STREET.
Owner—Wayne Peters, 3529 Scott St.
Contractor—Chas O Jones, 49 Zoe St.
Architect—Not Given. $2,500
(App No 85269).

REPAIR FIRE DAMAGE
SE COR HAIGHT and Fillmore.
Owner—Norman Elsner, Mills Bldg.
Contractor—G J Elkington, Jr, 33 Sutro Heights Ave.
Architect—Not Given. $2,000
(App No 85236).

ALTER THEATRE
1125 MARKET ST.
Owner—Embassy Theater Co, prem.
Contractor—Not Let.
Architect—Not Given. $1,800
(App No 85283).

SERVICE STATION, CLASS C steel
SW SAN BRUNO and Silver Ave.
Owner—Di Salvo and D Riera, 2410 San Bruno Ave.
Architect—Not Given. $1,500
(App No 85273).

ALTER TAVERN
1455 DIVISADERO ST.
Owner—W F Bertram, premises.
Architect—Not Given. $1,500
(App No 85260).

ALTER OFFICE
360 WEST PORTAL.
Owner—Allen F. Mori, premises.
Builder—El Rey Building & Cabinet Shop, 430 Holloway.
Architect—Not Given. $1,250
(Application No 85242)

ALTER APARTMENTS
1077 FILBERT STREET.
Owner—Mrs. E. Grabhorn, 1133 Greenwich St.
Builder—Geo. T. Robinson, 43 Milan Terrace.
Architect—Not Given. $1,000
(Application No 85245)

ALTER DWELLING
45 ORD COURT.
Owner—Walter J. Ireland, 775 Corbett Ave.
Builder—Day Work.
Architect—Not Given. $1,000
(Application No 85286)

Building Permits, $1,000 and Under, Applied For

SAN FRANCISCO COUNTY

ALTER FLATS, $498; 577 Valencia St; owner, Mrs Patterson, 1734 Broderick; builder, Leonard Solomon, 1734 Broderick.

ELECTRIC SIGN, $495; 311 West Portal; owner, W P Fuller Co, 311 West Portal; builder, Wonderlite Neon Products Co, 1095 Folsom.

ELECTRIC SIGN, $490; 1411 Polk; owner, Bings Cafe, prem; builder, Wonderlite Neon Products Co, 1095 Folsom.

ELECTRIC SIGN, $485; 673 Geary; owner, Ming House, prem; builder, Wonderlite Neon Products Co, 1095 Folsom.

ELECTRIC SIGN, $470; 3398 Mission; owner, Dennis Zabelle, prem; builder, Wonderlite Neon Products Co, 1095 Folsom.

ALTER RESIDENCE, $450; 240 Tingley St; owner, Ellen Belisley, prem; day work.

ELECTRIC SIGN, $425; 1936 Ocean Ave; owner, Ocean Ave Delicatessen, prem; builder, Wonderlite Neon Products, 1095 Folsom.

ALTER FLAT AND STORE, $400; 909 Minna St; owner, Friedman & Eiler, 10th and Minna Sts; builder, Hanson Bros, 5840 Mission.

ALTER SANDWICH SHOP, $400; 661 Clement St; owner, Harry H Bristow, prem; builder, Leslie K Lewis, 4511 19th Ave.

ALTER OFFICE, $400; 736 Jackson; owner, Kum Yee Association, prem; builder, Carl J Fung Co, 777 Broadway.

ELECTRIC SIGN, $375; 685 Sacramento St; owner, United China Trading Co;, prem; builder, Wonderlite Neon Products, 1095 Folsom.

ELECTRIC SIGN, $375; 133 7th St; owner, A M Johnston, 133 7th St; builder, Wonderlite Neon Products Co, 1095 Folsom.

ELECTRIC SIGN, $350; 1024 Webster St; owner, Harold Scott, 1024 Webster St; builder, Wonderlite Neon Products, 1095 Folsom.

ELECTRIC SIGN, $350; 3707 Sacramento St; owner, Spruce Cleaners, prem; builder, Wonderlite Neon Products, 1095 Folsom.

ELECTRIC SIGN, $350; 136 Eddy St; owner, Eddy Cafe, prem; builder, Wonderlite Neon Products Co, 1095 Folsom St.

ALTER HOME, $300; 45 Payson St; owner and builder, Don J Robertson, premises.

ALTER CLUB, $300; 722 Sacramento St; owner, Chinese Athletic Club, prem; builder, Carl J Fung Co, 777 Broadway.

ALTER MARKET, $300; 963 Fillmore St; owner, William Gong, prem; builder, L S Case Co, 7th and Daggett Sts.

ALTER DWELLING, $250; 249 Pierce St; owner, Joseph W Barnett, 251 Pierce St; day work.

ELECTRIC SIGN, $175; 875 California St; owner, Standard Oil, prem; builder, Electrical Products Corp, 910 Harrison St.

ELECTRIC SIGN, $175; 3460 Sacramento St; owner, Standard Oil Co, prem; builder, Electrical Products Corp, 910 Harrison St.

ELECTRIC SIGN, $150; 350 Ellis St; owner, Angelica Jacket Co, prem; builder, QRS Neon Co, 690 Potrero.

ALTER STORAGE SHED, $150; 179 West Portal; owner, Dick Marshall, prem; day work.

ALTER FLATS, $100; 7 Buena Vista Ave; owner Claude E Wilson, prem; day work.

ALTER BARBECUE PIT, $50; 532 2nd Ave; owner and builder, C G Biuett, premises.

ALTER DWELLING, $840; 2820-24 Octavia St; owner, G Solari, 1883 Greenwich St; builder, Irwin Co, 1040 Oak St.

BILLBOARD, $20; SE corner 3rd and Newcomb; owner and builder, West Coast Advertising Co, 123 S Van Ness Ave.

BILLBOARD, $20; SW San Bruno and Silver Ave; owner and builder, West Coast Advertising Co, 123 S Van Ness Ave.

BILLBOARDS, (7), E Valencia 65 S 24th St, 545; SW Tiffany and Valencia, $180; NE Judah St and 34th Ave, $45; SE Hyde and Hyde W Wall, $45; E Mission 295 S Oliver, $45; NW of E Wall and McAllister and Buchanan, $45; N West 141 W Kept, $45; owner and contractor, Foster & Kleiser, 1675 Eddy St.

Building Permits, $1,000 and Over, Applied For

ALAMEDA COUNTY

AUTO COURT, 1-story 28-room
10400-02 MacARTHUR BLVD, OAKLAND.
Owner—Ralph H Harris, premises.
Contractor—H K Jensen, 4024 MacArthur Blvd.
Architect—Conrad Kett, 75 Crescienta Drive, Sausalito. $55,000

ALTERATIONS
1715 BROADWAY, OAKLAND.
Owner—Jamieson Towle Willoughby, 1715 Broadway.
Contractor—F H White, 1615 Broadway.
Architect—Keith Ponsford, 1214 Webster Street. $40,000

STORE, 2-story concrete
5424 E 14th STREET, OAKLAND.
Owner and Builder—Kay Chesterfield Co, 5436 E 14th St.
Architects—Miller & Warnecke, Financial Center Bldg. $30,000

GARAGE, 1-story concrete
Owner—Jas H King, 2766 Grove St.
Contractor—C H Thrams, 1100 6th Avenue.
Architect—I M Johnson, 449 MacArthur Blvd West. $22,000

REPAIR FIRE DAMAGE
229-243 14th ST, OAKLAND.
Owner—Crowley Estate, c/o Central Bank, 14th and Broadway.
Contractor—Van Bokkelen-Cole Co, 955 22nd St.
Architects—Reynolds & Chamberlain, 3833 Piedmont Ave. $15,000

FACTORY, 2-STORY
10132 EDES AVE, OAKLAND.
Owner—Mels Venitian Blind Co, 1734 Webster Street.
Contractor—Wm Spivock, 1734 Webster Street.
Architect—Not Given. $14,000

DWELLING, 1-story 5-room
2030 103rd AVE, OAKLAND.
Owner—E E Nickels, 224 E 15th St.
Contractor—Beviiacqua Bros, Dutton Avenue, San Leandro.
Architect—A L Rosebrook, 1701 San Leandro Blvd, San Leandro. $5,330

WASH RACK, 1-story
2200 WOOD ST, OAKLAND.
Owner—A Pasteris Co, 2200 Wood St.
Contractor—Willis F Lynn, 1040 Folger Ave, Berkeley.
Architects—Miller & Warnecke, Financial Center Bldg. $5,000

ALTERATIONS
3320-24 E 14th ST, OAKLAND.
Owner—Samuel Hamburger, prem.
Contractor—E T Leiter Sons, 811 37th Street.
Architect—Not Given. $5,000

ADDITION TO Warehouse
2200 WOOD ST, OAKLAND.
Owner—A Pasteris Co, premises.
Contractor—Willis F Lynn, 1040 Folger Ave, Berkeley.
Architects—Miller & Warnecke, Financial Center Bldg. $5,000

STORE BLDG, 1-story
Owner—J R Baptista, premises.
Contractor—The Mastercraft Co, 842 Fourth Avenue.
Architect—Not Given. $2,400

ADDITION, 1-story concrete
5662 SHATTUCK AVE, OAKLAND.
Owner and Builder—T Douglas, 5674 Shattuck Ave.
Architect—Not Given. $2,350

ALTERATION AND ADDITION
3105 GROVE ST, OAKLAND.
Owner and Contractor—Freda F Allen, 309 Warwick Ave.
Architect—Not Given. $2,000

ALTERATIONS
1527-29 MacARTHUR BLVD, OAKLAND.
Owner—Dick Mucan, premises.
Contractor—California Roof & Cntr Co, 1630 Webster St.
Architect—Not Given. $1,500

ALTERATIONS
3420 MARGARITA Ave, OAKLAND.
Owner—Ray Elliotts, premises.
Contractor—O H Andersen Co, 9033 Thermal St.
Architect—Not Given. $1,500

1-STORY 5-ROOM DWELLING
1704 CHAPIN ST., ALAMEDA.
Owner—A. H. Rahlves, 1630 Webster St., Oakland.
Builder—A. H. & W. H. Rahlves, 1630 Webster St., Oakland.
Architect—Not Given. $7,000

1-STORY 5-ROOM DWELLING
1710 CHAPIN ST., ALAMEDA.
Owner—A. H. Rahlves, 1630 Webster St., Oakland.
Builder—A. H. & W. H. Rahlves, 1630 Webster St., Oakland.
Architect—Not Given. $7,000

1-STORY 6-ROOM DWELLING
3006 MARINA DR., ALAMEDA.
Owner—C. F. Legris, 5601 Shattuck Ave., Oakland.
Builder—Not Given.
Architect—Not Given. $6,600

1-STORY 3-ROOM DWELLING
1236 REGENT ST., ALAMEDA.
Owner and Builder—Ben Reimers, P. O. Box 371, Alameda.
Architect—Not Given. $3,560

ALTERATIONS
1518 PARK ST., ALAMEDA.
Owner—C. G. Tucker, 1518 Park St.
Builder—Freear-Lorentzen Co., 2207 Market St., Oakland.

ALTERATIONS
2169 SAN JOSE AVE., ALAMEDA.
Owner and Builder—A. S. Holmes, 2169 San Jose Ave.
Architect—Not Given. $1,000

PERMITS UNDER $1,000

ALAMEDA COUNTY

ALAMEDA

OFFICE BUILDING (12x20), $600; 2506 Santa Clara Ave; owner and builder, J Wagner, 4145 Gregory St.

%ARAGE, $440; 3006 Marina Dr; owner and builder, C F Legris, 5601 Shattuck Ave, Oakland.

ALTERATIONS, $400; 827 Portola Ave; owner and builder, Alex S Duncan, 827 Portola Ave.

ALTERATIONS, $800; 1704 7th St; owner, John Cabibi, 1702 7th St; contractor, Clifford Jacobsen, 4421 Virginia Ave.

ALTER, $600; 2973 San Pablo Ave; owner, Greg Cella, prem; contractor, Clarence R Leach, 2878 Glascock St.

ALTER, $500; 1512 Franklin Street; owner, Pacific Tel & Tel Co, 360 17th St; contractor, N H Sjoberg & Son, 5604 E 16th St.

GARAGE, $400; 1940 102nd Avenue; owner and builder, C C Davina, premises.

SHED, $400; 1647 8th St; owner and builder, Charlie Bell, premises

ALTERATIONS, $300; 4521 Congress Ave; owner and contractor, E O Austin, premises.

ALTER, $300; 607 Washington St; owner and contractor, Jas Augustine, 607 Washington St.

GARAGE, $300; 3827 Everett Ave; owner and builder, A C Hiliberg, premises.

SIGN, electric, $200; 2024 MacArthur Blvd; owner, Italian Swiss Colony Wines, prem; contractor, Electric Sign Repair Co, 699 Jean St.

REPAIRS, $100; 208 Santa Clara Ave; owner, A Gladding, premises; contractor, D W Mesplay Constr Co, 1338 Grand Ave, Piedmont.

OAKLAND

ELECTRIC SIGN, $150; 1724 Franklin St; owner, Warren Photo Co, prem; builder, Electrical Products Corp, 950 30th St.

ELECTRIC SIGN, $150; 4724 E 14th St; owner, 48th Ave Liquor Store, prem; builder, General Neon Lite Co, 911A 53rd Ave.

ELECTRIC SIGN, $150; 578 13th St; owner, H L Golden, prem; builder, Western Neon Corp, 3001 Chapman.

ELECTRIC SIGN, $135; 6697 Foothill Blvd; owner, Dee's Service Station, prem; builder, Western Neon Corp, 3001 Chapman St.

CHIMNEY, $60; 3446 Foothill Blvd; owner, R R Waters, 3446 Foothill Blvd; builder, Mauck Sheet Metal Works, 8417 Blanche St.

BILLBOARD, $50; N line MacArthur 197 W Midvale; owner and builder, Foster & Kleiser Co, 22nd and Market Sts.

ALTERATIONS, $50; 6085 Colton Blvd; owner and builder, A W Oakley Jr, 6085 Colton Blvd.

BILLBOARD, $25; S line Grand Ave 120 W State; owner and builder, Foster & Kleiser Co, 22nd and Market St.

ALTERATIONS, $25; 1940 100th Ave; owner and builder, C H Birkhimer, 1940 100th Ave.

PALO ALTO

YARD OFFICE, $6350; 55 Wells Ave; owner, Ronald Williams, Mt View; builder, E G Heinegger, Redwood City.

ALTER BUILDING, $2500; 382 University Ave; owner, Mary E Bacigalupi, 533 Ramona St; builder, Larsen-Ratto Construction, Fresno; plans by V E Ratto, Fresno.

ADD TO RESIDENCE, $800; 2277 Byron St; owner, D L Samuels, prem; builder, Schmaling & Stenbit, 924 Emerson St.

ALTER RESIDENCE, $500; 564 Hamilton Ave; owner, Wong Sin Lin, prem; builder, H E Stalder, 330 Ramona St.

BUILDING CONTRACTS SAN FRANCISCO COUNTY

BUILDING, 1-story frame, and fence
NE SAN BRUNO AVE 125 SE Burrows, SE 25 x NE 100.
Owners—Vincent and Paul Ciolino.
Architect—Not Given.
Contractor—Thomas M Jones.
Payments and Total Cost not given
Plans filed January 10, 1946.

BUILDING CONTRACTS ALAMEDA COUNTY

ALTERATIONS & REPAIRS
529 SOTO STREET, Hayward.
Owner—Trustees of Local No 1622 of United Brotherhood of Carpenters & Joiners of America.
Architect—Not Given.
Contractor—Arthur Holyoake, 2839 East Ave, Hayward.
Filed, Jan 14, 1946. Dated, ...

Frame completed	$2112.50
Plastering completed	2112.50
Upon completion	2112.50
Usual 35 days after	2112.50
TOTAL COST,	$8,450.00

Bond, $8450. Sureties, Hartford Accident & Indemnity Co. Limit, 90 working days.

BUILDER'S CONTRACT

SAN MATEO COUNTY

FRAME CONSTRUCTION
Owner—George A. Shepherd, etc.
Contractor—Hardiman Construction Co., Ltd.
Signed—January 7, 1946.
Recorded—Jan. 12, 1946.

Sub floor	20%
Frame	20%
Roughed in	20%
Completed	20%
Usual 35 days after	20%
TOTAL COST,	$8600

Building Permits, $500.00 and Over, Issued by the Board of Public Works SAN FRANCISCO COUNTY

JANUARY 15, 1946

NE Cor 9th and Howard Sts; alter office; cost, $3000; owner, Larry Barrett.

702 Market St; alter store and office; cost, $4500; owner, Parker Dental System Co.

303 Sutter; alter office and store; cost, $1500; owner, Coldwell Banker.

291 Geary St; alter office; cost, $2500; owner, J H Nussenfeld, MD.

221 1st St; alter supply sales bldg; cost, $2000; owner, Samuel Toung.

426-8 Powell St; alter shop; cost $10,000; owner, Belli & Belli Floral Shop.

731 Filbert St; alter sotre; cost, $900; owner, A C Calderoni.

1158 Sutter St; alter store and office; cost, $4500; owner, E Wilson.

1664 Washington St; alter apts; cost, $500; owner, G J Sipes.

833 Mission St; alter store; cost, $25,000; owner, S F Furniture Co

SE Cor 20th Ave and Pacheco; E 20th Ave 25, 50, 75 S Pacheco; four 1-story frame bldgs; cost, $............; owner, A J Herzig.

E Funston Ave 25, 50, 75 N Lawton St; N Lawton 70, 95 E Funston; S Kirkham 70, 95 E Funston; seven 2-story frame bldgs; cost, $11,000 ea; owner, Heyman-McClain.

SW Cor 3rd and Kirkham; one-story frame bldg; cost, $1500; owner, J and A Righetti & G Solan.

W Buena Vista Ave 125 S Frederick St; one-story frame bldg; cost, $4500; owners, Mr and Mrs John Wigington.

Completion Notices

SAN FRANCISCO COUNTY

Recorded Accepted

Jan. 14, 1946—Alterations 8oth floor 417 Montgomery. General Petroleum Corp of California to Joseph Barnes............Jan. 13, 1946

SAN MATEO COUNTY

Jan. 12, 1946—Lot 25, ptn Lot 24, Block 4, Felton Gables. Gladys H McKenna, etc, to John L Steiner ....Jan. 10, 1946

Jan. 12, 1946—Lots 14 and 15, Block 5, North Fair Oaks. Chester L Hamlet etc, to John L Steiner............Jan. 10, 1946

Jan. 12, 1946—Lot 5, Block 52, White Oaks; Lot 4, Block 14, Howard Park. Renato Alessandri, etc, to whom it may concern......Jan. 7, 1946

Jan .12, 1946—Lots 6 and 7, Block 3, Beresford Park. J C Eilers etc, to whom it may concern.........Jan. 7, 1946

Jan. 7, 1946—Painting Machine Shop, Bay Shore City. Southern Pacific Co. to J H Mohr, Lnc............Dec. 31, 1946

............—Ptn Lot 4, Block 14, Oak Knoll Manor. William L Laffin to E C Baker............Jan. 3, 1946

Dec. 8, 1945—Part of White Oaks Tract. James Kelso to Cecil Ball ....Nov. 26, 1945

Jan. 9, 1946—Lots 11 and 13, Block 17, Belle Haven City. Francis L Newton to D D Bohannon Organization............Dec. 3, 1945

Jan. 9, 1946—Ptn Lot 16, Alcorn Tract. Albert M Cox to whom it may concern............Jan. 8, 1946

Jan. 9, 1946—Lot 15, Block 30, San Carlos. W F Batton, etc, to whom it may concern............Jan. 9, 1946

Jan. 10, 1946—Lot 11, Block 12, Brittain Acres. William W Graham to Cecil L Smith....Dec. 30, 1945

Jan. 10, 1946—Lot 11, Block 5, University Park. Olive Sibley to Aro & Okerman............Jan. 5, 1946

Jan. 10, 1946—Lot 9, Block 2, San Carlos Park. P J Morahan to same............Jan. 4, 1946

Jan. 11, 1946—Lot 8, Block 8, University Park. Verna Newton, etc, to whom it may concern..Jan. 1, 1946

Jan. 1, 1946—Lots, 21, 22, 23, 24, 25 and 26, Pellanin Court. Willand Development Co to Mills Construction Co............Jan. 10, 1946

Jan. 11, 1946—Lot 2, Block 55, White Oaks. J G McLaughlin, etc, to Wm H Penaat............Jan. 9, 1946

Jan. 12, 1946—Lot 5, Block 2, Bay View Heights. Joseph Badrean, etc, to P O Lind............Jan. 11, 1946

Jan. 12, 1946—Lot 5, ptn Lot 6, Block 30, White Oaks Tract. Robert P Rezzonico, etc, to Arvil I Larson............Jan. 11, 1946

Jan. 12, 1946—Lots 27, and 28, Block 14, Huntington Park. John L Steiner to whom it may concern ....Jan. 10, 1946

MARIN COUNTY

Jan. 10, 1946—San Anselmo. A R Roumiguire to whom it may concern............Jan. 4, 1946

Jan. 8, 1946—Mill Valley. Joseph N Nathanson to Herbert A Crocker & Co............Dec. 27, 1945

Liens Filed

SAN MATEO COUNTY

Jan. 10, 1946—Lot 7, Block 7, Burlingame Village. Frank A Pairier vs Arthur R Callaghan............$1,832.62

Jan. 7, 1946—Lot 5, Block 6, Parrott Park. James W McCabe vs Elliott Mosbacher, etc $1,400.00

Non-Responsibility

SAN FRANCISCO COUNTY

Jan. 7, 1946—Whitney's at the Beach property on Great Highway in OL Block 332, approx 90 N of Balboa, known as Topsy's Roost, as to improvements on property.

Electrical Permits

SAN FRANCISCO COUNTY

7575 1212 Thomas Ave; owner, Bedina; contractor, Mercury Electric; service.

7576 2285 Sutter; owner, Nakashima; contractor, Chas H Yick; service; 1 motor.

7577 E Venus 50 S of Thornton; owner, ...; contractor, A J Ferrera; service.

7578 E 44th Ave 100 N of Moraga; owner, Superior Building Co; contractor, Adams Electric; service.

7579 4293 California St; owner, Wright; contractor, Grandi Electric; service.

7580 2525 Ocean Ave; owner, A F Mattock; contractor, Grandi Electric; service.

7581 S Post St 100 W of Fillmore; owner, Harry Damner; contractor, American Electric Const; service; alterations.

7582 2748 Mission; owner, Mode O' Day; contractor, Frank F Goodman; 29 outlets; 4 switches; 4 plugs.

7583 875 California St; owner, Standard Oil Co; contractor, Electrical Products Corp; 2 transformers.

7584 3460 Sacramento St; owner, Standard Oil Co; contractor, Electrical Products Corp; 2 transformers.

7585 1267 Bush St; owner, Union Oil Co; contractor, Electrical Products Corp; 1 transformer.

7586 9 Alto Mar Way; owner, Moeller; contractor, Richmond Electric; 8 outlets; 8 switches; 14 plugs.

7587 15 Alta Mar Way; owner, Moeller; contractor, Richmond Electric; 8 outlets; 8 switches; 14 plugs.

7588 21 Alto Mar Way; owner, Moeller; contractor, Richmond Electric; 8 outlets; 8 switches; 14 plugs.

7589 NE cor 29th Ave and Judah St; owner, Doeiger; contractor, Richmond Electric; service.

7590 S Taraval 100 W of 14th Ave; owner, Doelger; contractor, Richmond Electric; service.

7591 W 30th Ave 100 S Irving St; owner, Doelger; contractor, Richmond Electric; service.

7592 221 Staples St; owner, ...; contractor, Kennedy Electric; 1 motor; 1 transformer.

7593 1578 30th Ave; owner, ...; contractor, ...; 1 motor; 1 transformer.

7594 160 Main St; owner, Garage; contractor, Pacific Electrical & Mech; 2 outlets; 2 motors; alterations.

7595 3rd and Evans Sts; owner, Service Station; contractor, Pacific Electrical & Mech Co; alterations.

7596 154 Sutter St; owner, Barry Newberg; contractor, Assicated Electrical & Mech; 25 outlets; 6 plugs.

7597 154 Sutter St; owner, Fernbacker & Lobe; contractor, Associated Electrical & Mech Co; 26 outlets; 8 plugs.

7598 20 Annie St; owner, Dawn Club; contractor, Associated Electrical & Mech Co; 20 outlets.

OAKLAND

34762 1823 Franklin St; owner, Miller Music Co; contractor, T L Rosenberg Co; 35 outlets; 6 fixtures; 6 switches.

34763 731 E 10th St; owner, Kuichar; contractor, T L Rosenberg Co; motors.

34764 381 5th St; owner, Felix Cohen Co; contractor, T L Rosenberg Co; motors.

34765 830 Oak St; owner, Doe; contractor, Matson Elec Equip Co; repair fire damage.

34766 1113 Broadway; owner, Jewell; contractor, Paramount Electric Co; alterations.

34767 5330 E 14th Street; owner, Howard; contractor, Fox Electrical Co; service.

34768 328 14th St; owner ,Curley Henrickson; contractor, Fox Elec Co; 1 plug.

34769 6707 Heartwood; owner, McClurg & Chapin; contractor, Clifford Electric Co; outlets; switches; fixtures; plugs.

34770 711 Carlston; owner, Lapham; contractor, James Anderson; outlets; switches; fixtures; plugs.

34771 2331 73rd Avenue; owner, Holmes; contractor, Johnston Elec Co; outlets; switches; fixtures; pl.

34772 913 West St; owner, Stark; contractor, Johnston Elec Co; outlets; switches; fixtures; plugs; alterations.

34773 521 Chestnut Street; owner, Ruiz; contractor, T Bushman Elec Co; 6 outlets; 1 switch; 6 fixtures.

34774 6606 Colton Blvd; owner, Olsen; contractor, College Avenue Electric Shop; 3 outlets; 2 switches; 3 fixtures.

34775 98th Ave and San Leandro; owner, Austin Co; contractor, Pacific Electric Motor Co; outlets; pl.

34776 1340 Cypress; owner, Coca Cola Co; contractor, Pacific Electric Motor Co; motors.

34777 21st and Broadway; owner, Austin Co; contractor, Pacific Elec Motor Co; outlets; switches; fixtures plugs; alterations.

34778 4024 San Leandro St; owner, B Vander Haar; contractor, Special Owner; outlets; switches; fixtures; plugs; alterations.

34779 4724 E 14th St; owner, 48th Ave Liquor Store; contractor, General Neon Lite Co; signs; alterations.

34780 2109 MacArthur; owner, Farris; contractor, Neon Eng Co; signs.

34781 593 Sycamore St; owner, Buddeck; contractor, T Bushman El Co; 2outlets; 2 fixtures; 1 plug.

34782 1816 East 14th St; owner, Franks; contractor, Shea Elec Co; fixtures.

34783 1354 Barrows Road; owner, Blazich; contractor, Shea Elec Co; alterations.

34784 4610 E 14th St; owner, Melrose Restaurant; contractor, Spott Elec Co; outlets.

34785 1621 Wellington; owner, Winkler; contractor, Spott Elec Co; range.

Classified Advertising

WANTED

FIRST-CLASS ARCHITECTURAL DRAFTSMAN. Salary to suit. Call HIgate 6449. 1/16-17-18-21-22/46

CONSTRUCTION SUPERINTENDENT for permanent position with construction company on the Peninsula. Nichols White, Inc., 156 University Ave., Palo Alto. Phone Palo Alto 7876 or 6827. 1/16-17-18/46

BLDG. CONSTR. SUPT., good future. State experience and references. Reply Box 16, c/o Daily Pacific Builder. tf

SENIOR DRAFTSMAN for permanent position in architectural office located on the Monterey Peninsula. Contact C. J. Ryland by phone at Carmel 404 or write P. O. Box 847, Monterey. 1/14-15-16-17-18-21, 46

Experienced architectural DRAFTSMAN out of city. If interested, housing available. Mayo & Johnson, 307 Exchange Bldg., Stockton. Phone Stockton 8-9359.

Exper. FOREMAN for Const. of STORES and OFFICES in San Francisco. Reply Box 17, c/o Daily Pacific Builder.

FOR RENT

DUMP TRUCKS for rent. Cleanup and General Hauling. Call ATwater 6700. to 1/21, '46

POSITION WANTED

VET.—POWDERMAN—desires position with reliable company as ADVISER, ESTIMATOR or MECHANIC. 10 years' experience. Water, hard rock, excavation, operate jackhammer, wagon drill and cable tool rig. Write Bill De Maupassant, 8 Wildwood Ave., Oakland, Calif. 1/16-17-18/46

ENGINEER—steam—experienced—age 32, desires position as plant operator. Reply Box 115, c/o Daily Pacific Builder. to Jan. 18, '46

Young man desires SALES POSITION with organization handling line of BUILDING MATERIALS. College background, alert, aggressive, neat appearing. Contact Warren S. Michael, BA. 9469, or address reply 175 18th Ave., S. F. 18.

TRANSITMAN, capable, general experience, wants work in any capacity. Reply Box 111, c/o Daily Pacific Builder. to Jan. 15, '46

CAPABLE GRADUATE ENGINEER, 35 years of age, with lots of push, wishes connection with Construction Contractor; 10 years' engineering experience in supervisory capacity. Small salary and bonus on production desired. Write your proposition to R. Baker, 203 N. 86th St., Wauwatosa, Wisconsin. Jan. 11-14-15, '46

ESTIMATOR - GENERAL MANAGEMENT. State and Federal taxes, Contract Negotiation, etc. Reply Box 10, c/o Daily Pacific Builder. (1/9-10-11-14-15/46)

HELP WANTED

EXPEDITER, general building construction; 5 yrs. bldg. exp. necessary. Reply, stating exp. and qualifications. Box 114, c/o Daily Pacific Builder. 1/14-15-16, '46

DECEMBER BUILDING TOTALS

CITY	DEC., 1944 No.	DEC., 1944 Est. Cost	DEC., 1945 No.	DEC., 1945 Est. Cost
CALIFORNIA				
ALAMEDA	82	$ 31,817	53	$ 70,981
ALBANY	8	10,152	29	106,033
ALHAMBRA	87	36,669	118	938,678
ANAHEIM	25	16,213	45	336,916
ATHERTON	....	....	92	237,960
BAKERSFIELD	92	382,348	66	423,709
BERKELEY	87	114,426	119	359,713
BEVERLY HILLS	....	27,155	83	1,108,240
BURBANK	143	297,038	192	648,626
BURLINGAME	11	15,365	30	483,160
CHICO	28	6,675	41	3,455
COLTON	30	6,810	35	66,635
COMPTON	52	102,717	117	477,465
CORONADO	33	15,647	18	24,565
CULVER CITY	29	70,072	98	495,341
EMERYVILLE	7	17,800	11	154,400
EUREKA	18	14,325	31	68,240
FRESNO	111	47,278	130	356,111
FULLERTON	23	20,246	38	180,042
GLENDALE	80	72,117	141	518,296
HAYWARD	22	13,560	15	54,000
HUNTINGTON PARK	31	52,285	47	[illegible]
INGLEWOOD	58	39,477	132	989,640
LODI	15	33,550	42	115,150
LONG BEACH	1294	464,815	1293	1,844,635
LOS ANGELES (City)	1723	1,952,352	3564	13,790,391
LOS ANGELES (County)	1206	1,271,750	2402	7,357,477
LOS GATOS	3	2,600	13	77,450
MARTINEZ	13	3,155	4	11,600
MODESTO	27	16,008	50	166,570
MONROVIA	69	43,929	92	237,960
MONTEBELLO	18	9,135	47	184,435
MONTEREY	15	18,600	15	34,370
NAPA	9	9,575	22	20,525
OAKLAND	260	268,461	420	2,031,639
OCEANSIDE	19	20,595	37	93,200
ONTARIO	72	33,784	94	233,803
ORANGE	18	6,648	58	180,632
OROVILLE	8	2,102	13	75,630
PALO ALTO	22	24,075	83	611,875
PASADENA	225	99,698	291	878,854
PIEDMONT	8	4,635	8	26,714
PITTSBURG	4	4,300	9	88,700
POMONA	....	93,392	165	709,123
REDDING	31	60,430	31	39,800
REDLANDS	36	11,407	65	181,299
REDWOOD CITY	11	15,709	239	1,375,700
RICHMOND	45	66,100	71	278,250
RIVERSIDE	102	36,741	154	385,579
SACRAMENTO	136	70,318	200	1,585,322
SALINAS	14	6,353	22	177,190
SAN BERNARDINO	165	72,873	278	878,350
SAN CARLOS	3	6,900	76	760,700
SAN DIEGO	436	243,916	802	1,786,006
SAN FRANCISCO	319	532,967	549	2,505,709
SAN GABRIEL	21	8,880	49	531,079
SAN JOSE	50	133,050	89	481,130
SAN LEANDRO	10	7,840	48	232,185
SAN MARINO	13	2,638	56	327,935
SAN MATEO	28	14,237	89	716,280
SAN MATEO (County)	37	75,700	46	424,583
SAN RAFAEL	11	29,850	23	59,156
SANTA ANA	96	119,806	138	349,670
SANTA BARBARA	54	31,543	71	215,360
SANTA CRUZ	53	23,890	49	138,520
SANTA MONICA	61	89,606	125	791,169
SANTA ROSA	21	10,285	38	158,875
SOUTH GATE	58	65,700	103	469,065
SO. PASADENA	19	4,572	34	128,042
STOCKTON	67	70,094	77	435,112
TORRANCE	22	51,385	34	110,705
VENTURA	48	13,262	34	85,300
VALLEJO	17	10,597	21	69,335
VERNON	38	821,150	54	2,323,187
WATSONVILLE	11	16,000	13	19,000
TOTAL	8118	$ 8,517,151	14081	$55,105,257
ARIZONA				
PHOENIX	115	$ 284,405	115	$ 868,655
TUCSON	72	49,901	137	685,249
TOTAL	187	$ 334,306	252	$ 1,553,904
IDAHO				
BOISE	34	$ 17,520	31	$ 71,759
LEWISTON	13	4,486	26	45,087
NAMPA	....	....	....	....
TOTAL	47	$ 22,006	57	$ 116,846
NEVADA				
RENO	51	$ 68,751	216	$ 1,029,652
OREGON				
ASTORIA	16	$ 70,587	14	$ 18,200
EUGENE	56	51,087	88	151,065
KLAMATH FALLS	9	5,270	22	131,825
PORTLAND	239	563,255	490	2,305,750
SALEM	32	8,987	78	192,904
TOTAL	352	$ 699,206	692	$ 2,799,844
UTAH				
LOGAN	3	$ 6,312	18	$ 45,175
OGDEN	18	21,500	36	125,775
SALT LAKE CITY	91	300,687	98	1,615,530
TOTAL	112	$ 328,499	152	$ 1,786,480
WASHINGTON				
ABERDEEN	18	$ 3,510	.....	$........
BELLINGHAM	....	....	132	314,145
SEATTLE	262	697,495	425	1,380,700
SPOKANE	83	144,852	118	294,985
TACOMA	66	106,335	172	648,594
VANCOUVER	....	....	51	241,677
WALLA WALLA	41	21,908	39	153,410
WENATCHEE	4	31,450	19	24,400
YAKIMA	33	372,360	73	325,965
TOTAL	507	$1,377,910	1029	$ 3,383,876
GRAND TOTAL	9374	$11,347,828	16479	$65,775,859

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PLANS and Speculations

The Board of State Harbor Commissioners has announced ambitious plans for SAN FRANCISCO. Future construction plans include:

New $1,000,000 pier for the fishing industry to provide berthing facilities and refrigerating and packing plants, to be constructed at the foot of Hyde Street on the former Golden Gate auto ferry pier; modernization and enlargement of grain terminals at Piers 90 and 92 to cost $1,000,000. The grain operators to share construction costs jointly with the Harbor Board; rebuild Piers 25 and 27 at a cost of $3,500,000 for the purpose of handling cargo.

Work is already underway for the $5,000,000 Mission Rock pier, which will provide 7,000 feet of additional dock space and a repair program is proceeding for Piers 7, 9 and 21.

oOo

Col. Andres Soriano, a former aide to General MacArthur, has announced the formation of a new company to rebuild Philippine industries. Joining the enterprise are two American firms, Morrison-Knudsen of Boise, Idaho, dam builders, and S. D. Bechtel and Associates, west coast shipbuilders. During the war, Morrison-Knudsen took over the maintenance of S. P. tracks over the "Sierras".

oOo

The city planning commission of SACRAMENTO has authorized its secretary, Milton Faig, to send letters nationwide in an attempt to find the best available planning engineer to fill the vacancy caused by the death last October of Ed Welch.

oOo

The YUBA COUNTY board of supervisors has approved the road plan, as prepared by state engineers, covering improvement on the Brown's Valley to Clipper Mills road via Brownsville, Challenge and Woodleaf. The plan consists of the preliminary estimate and data necessary before it can be presented to state and federal authorities for final approval.

oOo

Plans for building an addition to Lo-Inyo Elementary School in LONE PINE have been announced by the school's board of trustees. . . Possibilities are that several counties will join in the construction of an adequate detention home in Sutter County. . It has been announced that the high school board of REDDING is seriously considering the construction of a swimming pool at the high school during the fiscal year starting in July.

oOo

Brick Ceiling Increased In Western States

An increase of $2 per thousand in manufacturers' f.o.b. plant ceiling prices for clay and shale building brick, both common and face, and an increase of 80 cents per ton for hollow and clay drain tile have been announced by the Office of Price Administration. These increases apply to these products produced in the ten Western states.

These increases, OPA said, will take the place of varying increases already given producers of brick and tile on an individual and local area basis, and this action will involve further increases primarily only for those plants which have not had any previous adjustments, including closed plants, the agency said.

Resellers are authorized to pass on the dollar-and-cent amount of the increases, OPA said.

This adjustment has been made, OPA said, to eliminate price impediments in the production of brick and tile, materials acutely needed in the home building industry.

Brick and tile production problems in the Western states apply equally to those East of the Rocky Mountains, which were given a similar increase in September 1945.

The ten states affected by this action are: California, Idaho, Nevada, Wyoming, Utah, New Mexico, Washington, Arizona, Oregon and Montana.

—V—

DATA READY

The new streamlined Rex 6S Mixer, the Rex 3½S end discharge tilter, and the Rex Skipper are pictured and described in Bulletin No. 480 just published by Chain Belt Company of Milwaukee. Many new machine innovations are emphasized by means of small sketches, and there are large illustrations which show the main mechanical features. Two pages are devoted to a composite set of specifications on the three mixers. You may obtain a copy by writing Chain Belt Company, 1600 West Bruce St., Milwaukee 4, Wis.

Direct-Mill Mark-Up For Lumber Again Denied

The Office of Price Administration has reaffirmed its recent denial of the establishment of a mark-up for direct-mill lumber shipments by wholesalers or commission men. The action was taken following an extended review of the lumber distribution problem and after careful consideration of the evidence and testimony presented by both lumber wholesalers and retailers in hearings before the Senate Small Business Committee and in meetings with OPA officials, the agency said.

The lumber wholesalers, who normally purchase from producing mills at a discount and resell at mill prices, recently requested the establishment of a mark-up for their services, on the ground that many producing mills no longer are extending pre-war discounts. Following OPA's denial of their request, the wholesalers asked for a reconsideration.

In affirming the denial, OPA said: "As the result of the present serious lumber shortage, all distributors and users of lumber are experiencing difficulty in obtaining adequate supplies. This has naturally put a strain upon all lumber distributors, including the office wholesalers. OPA price regulations now recognize fully, however, their historic and established ways of doing business, and a change at this time would inevitably result in added pressure on retail ceiling prices. Many retailers, who would be required to absorb such a mark-up, have vigorously opposed the proposed mark-up through their OPA advisory committee and through their national trade association.

"To permit retailers to increase retail prices by the amount of such a mark-up, however, would increase construction costs further at a time when stabilization of these costs is of vital importance for the housing program.

"The establishment of priorities on scarce building materials, including lumber—recently announced by the Civilian Production Administration—will contribute to the better distribution of available supplies, particularly through small retail yards, who have recently been unable to obtain needed stocks. Moreover, the settlement of the recent strike in the Northwest lumber producing areas will undoubtedly help the supply situation within the next few months.

"The same considlerations apply to the alternative proposal of wholesalers and commission men to permit their customers to pay them 'finder's fees' for locating lumber. Therefore, this request was also denied."

This decision has no bearing on pending formal protest proceedings, OPA said.

—V—

STEEL LEADERS NOT KNOWN, SAYS GALLUP

Of all the persons polled in a survey conducted for Iron Age by associated of the Gallup Poll organization, 62 per cent could not name a single prominent individual in the steel industry.

Of those who could think of any one in the industry, 13 per cent mentioned Andrew Carnegie and 5 per cent recalled Charles Schwab. A newcomer to the industry, Henry Kaiser, was named by 4 per cent.

Honeywell Expands Branch Offices In Five Cities

In a series of branch organization changes, Minneapolis-Honeywell Regulator Company has announced the opening of new offices in Denver and Salt Lake City and expansion of existing offices in Washington, D. C., Los Angeles, and Spokane, C. B. Sweatt, executive vice president stated.

The present Washington office will henceforth assume responsibility of sales of all company products in the District of Columbia, Sweatt said. Wm. E. Kingswell, formerly a distributor for Honeywell products, will continue to handle company sales as a wholesaler.

F. M. Thuney, who has been Executive Engineer in the company's engineering department for the past four years will become branch manager at Washington, Sweatt said. Before coming to Minneapolis in 1941, Thuney spent 7 years with the Kingswell organganization in Washington and 3 years in the Engineering Department of the Potomic Electric Power Company which he joined after leaving the United States Military Academy at West Point. P. C. Sharp, who has been acting as both branch manager and export manager in Washington since 1941 will henceforth devote all of his time to export activities and will transfer his office to Minneapolis.

A new branch has been opened in the Wilda Building in Denver under the direction of George D. Maves, Sweatt continued. Maves has been located in Denver for the past three years as a company representative for the territories formerly handled by distributors. Prior to his Denver assignment, he spent seven years in Honeywell's Houston branch. The Denver Fire Clay Company will continue to handle the sales of Honeywell's subsidiary, the Brown Instrument Company, in the Denver territory while the Wm. A. Flatt Company, which has represented Honeywell in the territory for the past 12 years will continue to handle company products as a wholesaler.

Eldon I. Richardson has been appointed District Representative in Salt Lake City and will operate under the supervision of the Denver branch, Sweatt said. During the war years, Richardson served as a field engineer on the West Coast for the Company's Aeronautical Division. Sales of Brown Instrument Company equipment in Salt Lake City will continue under the supervision of the Denver Fire Clay Company, while Williams and Richardson will handle company products as a wholesaler. The latter firm has been a Honeywell distributor in Salt Lake City for the past 18 years.

The present Los Angeles office has been expanded to handle the complete line of all company equipment and Gavin Younkin has been made branch manager, the Honeywell official said. The office will be under the supervision of C. I. Peterson in San Francisco who is regional manager for California. The firm of English and Bauer, who has handled the sales of Honeywell products in Los Angeles for the past 15 years, will continue as a wholesaler.

H. S. Jennings, as District Representative in Spokane, will handle an expanded territory in the states of Washington, Idaho and Montana, while the Sullivan Valve and Engineering Company, which has represented Honeywell in Montana for the past 10 years, will henceforth purchase Honeywell products as a manufacturer.

BUREAU PLANS OREGON WATER PROJECT SURVEY

Plans for an investigation to determine the possibility of supplying irrigation wate for about 5,000 acres of orchard land in the immediate vicinity of The Dalles, Oregon, are being pushed by the Northwest Regional Office of the Bureau of Reclamation, Regional Director R. J. Newell reported today.

With recent approval by Congress of a supplemental appropriation of $300,000 for project investigations in the Northwest, part of which will be used for The Dalles Project, the Regional Office plans to send investigation parties into this area as soon as conditions permit, probably before the end of February. The survey parties will take the topography of the irigable land, determine the location of the distribution system, and select possible sites for pumping from the Columbia River, Other investigation parties will make land classification and economic studies.

These studies and surveys are necessary to establish the engineering and economic feasibility of supplying irrigation water to the area. Reclamation laws, under which the Bureau operates, require that before construction of a project is undertaken it be determined to be feasible from an engineering standpoint, and that water users be able to repay, over a period of years, that part of the cost allocated to irrigation.

The survey is being undertaken at the request of farmers and orchard owners of The Dalles who have petitioned the Bureau for early action to save fruit trees in the area. Most of the acreage, chiefly in cherries, peaches, and apricots, is dry-farmed, but the farmers have reported that the natural supply of moisture, subnormal for a number of years, has proved insufficient to support mature trees. Approximately 500 acres are irrigated from wells, but the ground water supply is entirely inadequate for the larger acreages.

In the petition requesting the Bureau to investigate the project, the orchard owners reported:

"The majority of the orchardists and gardeners that would be supplied with water from The Dalles Project are looking forward to the Bureau of Reclamation to investigate the feasibility of the irrigation of at least the present five thousand acres of producing orchards and also the development of adjacent acreage suitable for orchards to the extent of from two to three thousand acres more.

"The present well irrigation projects have demonstrated that it is possible to increase production in the orchards, especially cherries, to the extent of 100 per cent and in the apricot and peach orchards from 200 to 500 per cent."

If the survey shows the project to be feasible, both from an engineering and an economic standpoint, a report will be submitted to the President and Congress and authorization sought for the construction.

CARPENTERS GET RAISE

According to word received from Charles L. Harney, President of Northern California Chapter of the Associated General Contractors, the case between Bay Area District Council of Carpenters and local contractors has been settled in Washington, D. C., by Wage Adjustment Board.

Carpenters in Alameda, Marin, San Francisco and San Mateo counties were awarded $1.75 per hour on all new work.

The order becomes effective Monday, January 21.

ASRE Will Discuss Condensers At January Meet

Friday, January 18, is the date scheduled for the meeting of the San Francisco Section of American Society of Refrigerating Engineers.

The meeting will be held at the Engineers' Club, 206 Sansome St., at 6:00 p. m.

The January meeting will consider the subject of "Evaporative Condensers" and will be divided into three parts: namely, Part 1, "The Theory of Evanorative Condensers", by E. G. Thomsen, Assistant Professor, Division of Mechanical Engineering, University of California; Part II, "Industrial Applications of Evaporative Condensers", by R. Holland, of General Equipment Co.; Part III, Discussion led by William Holladay, Chairman of the Technical Committee.

Alfred Chadburn, National Assistant Secretary of the Society, will visit us from Cincinnati and will take part in the January meeting.

Reservations can be made by calling the Secretary's Office—EXbrook 4404.

GOVT. SURPLUS, HOUSING ON CC MEET AGENDA

Newest means of expediting disposal of surplus government property; industrial legislation at the special session of the legislature; the San Francisco Bay area's housing problem; relaxation of federal controls—these are among the subjects to be discussed at a meeting Tuesday, January 22, of the industrial committee of the California State Chamber of Commerce's Central Coast Council. The meeting, to start at noon in the Hotel Leamington, Oakland, will be attended by committee members from Contra Costa, Alameda, San Francisco, San Mateo, Santa Clara, Santa Cruz, San Benito, Monterey and San Luis Obispo counties.

Weller Noble, Berkeley, chairman of the industrial committee, has arranged a program including the following:

Disposal of surplus property—release of tools and equipment, O. A. Hall, sales supervisor, RFC; release of government owned consumer goods, Pierce Davis, regional advertising manager, RFC.

Housing—special session outlook, David Livingstone, State Chamber of Commerce; What can be done to solve the BayArea's housing problem, Milton Morris, executive secretary, Associated Home Builders of San Francisco.

Relaxation of federal controls, Will Evans, vice president California Container Corp., Oakland; Social Security Problems, Chas. A. Brown, State Chamber of Commerce; Proposed Safety Orders, Robert E. Donovan, safety engineer, Standard Oil Company of California.

—V—

Purchase of the 200-room Broadmoor Hotel at Sutter and Gough Streets in SAN FRANCISCO for more than $500,000 was announced by David Sheldon, wholesale furrier. Sheldon is already owner of several apartment - hotels in the downtown area.

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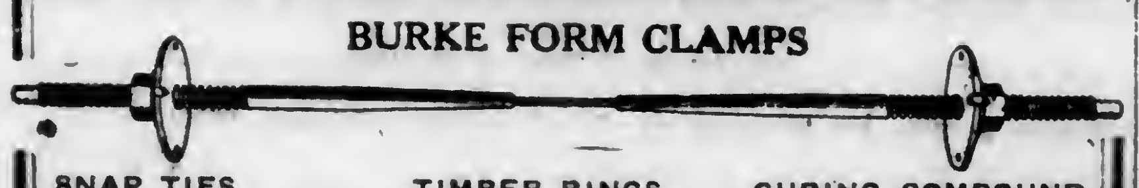

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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7—FEDERAL BUILDINGS

January 17, 1946
BIDS WANTED
INYOKERN, Calif.—Until Feb. 5, 2 P. M., bids will be received by the U. S. Navy, officer in charge of construction, U. S. Naval Ordnance Test Station, Inyokern, for the construction of miscellaneous buildings, paving and utilities in area "K," hangar No. 2 (Yakutat), paving and utilities, and a supersonic building and appurtenances thereto at the U. S. Naval Ordnance Test Station, Inyokern; Specification 17379, NOy 13211. The project involves the following buildings: firing barricade, observation building, magazine, spotting tower and spotters' shelters, garage, roads, water tank, pump house and sewage disposal, temperature control building and Yakutat type hangar, complete with underground steam conduit, paved apron, roads, ramp, etc. The supersonic building will be of reinforced concrete construction with all services.

Plans and specifications may be obtained from the above office upon deposit of $130, payable to the Chief of the Bureau of Yards and Docks. * 7

9— HOSPITALS

January 17, 1946
PREPARING PLANS
TEACHING HOSPITAL
Cost, $2,800,000
SAN FRANCISCO. San Francisco Campus of U. C., Parnassus and 2nd Ave.
Construction of teaching hospital.
Owner—Regents of the University of California, Administration Bldg., Berkeley.
Architect—Timothy L. Pflueger, 580 Market St., San Francisco. 9

January 17, 1946
PREPARING PLANS
NURSES' HOME Cost, $65,400
MADERA, Calif. Madera County Hospital.
Construction of nurses' home.
Owner—County of Madera, Madera.
Architect—David H. Horn, Rowell Bldg., Fresno. 9

13— PUBLIC BLDGS. FIRE HOUSES, JAILS

January 17, 1946
BID OPENED
SAN FRANCISCO—Robt. F. Smith Co., 61 Clementina Street, at $329 submitted only bid January 16 to the Department of Public Works, Room 228 City Hall, for repairing tar and gravel roof at the Civic Auditorium. * * 13

January 17, 1946
PREPARING PLANS
ADDN. to City Hall Cost, $12,000
MT. SHASTA, Siskiyou Co., Calif. Corner W Lake and Walnut Sts.
Addition to city hall for fire dept.
Owner—City of Mt. Shasta.
Architect—F C. Clark, Medford, Ore. 13

January 17, 1946
BID OPENED
SAN FRANCISCO—Robt. F. Smith Co., 61 Clementina Street, at $239 submitted only bid January 16 to the Department of Public Works, Room 282, City Hall, for removing present roof over kitchen and replacing with tar and gravel at No. 28 Engine, 380 Division St. * * 13

January 17, 1946
BIDS WANTED
SAN FRANCISCO.—Until Jan. 30, 2:30 P. M., bids will be received by the Department of Public Works, Room 282, City Hall, for new duct work and lint catcher at the S. F. Hospital, Potrero Ave. bet. 22nd and 23rd Streets.
Plans and specifications obtainable from the office of City Engineer Ralph Wadsworth, City Hall. * * 13

14— RESIDENCES

January 17, 1946
CONTRACT AWARDED
SEATTLE, Wash.—Strand & Sons, 3939 University Way, Seattle, at $322,240, submitted low bid and was awarded contract by the University of Washington, Seattle, for moving demountable or portable houses to new site. Plans by Architect Earl Morrison, 2nd Ave. Bldg., Seattle. 14

January 17, 1946
PLANNED
RESIDENCES Cost, $100,000
GILROY, Santa Clara Co., Calif. Albert Gurries Subdiv., Hecker Pass Highway.
Construction of 50 5- and 6-room dwellings.
Owners—Albert Gurries (44 N. Forest, Gilroy), Harlow Bennett, Alf. Bettancourt, Sydney Johnson and Wm. G. Werner.
Architect—Not Announced. 14

15— SCHOOLS

January 17, 1946
BONDS VOTED
SCHOOL EXPANSION Cost, $600,000
HAYWARD, Alameda County, Calif. Hayward Union High School.
Construction of high school additions including 2-story classroom bldg. $140,000; new boys' gymnasium and physical education department, $168,000; open - air swimming pool. $40,000; agriculture building, $96,000; vocational bldg. $136,000, and purchase of land, $20,000.
Owner—Hayward Union High School District, O. B. Paulsen, district superintendent, Foothill Blvd., Hayward.
Architect—Dragon & Schmidts, 2068 Allston Way, Berkeley.
The school district voted bonds January 15 in the amount of $600,000 to finance above construction. * * 15

January 17, 1946
BONDS VOTED
SCHOOL BUILDING Cost, $97,000
HAYWARD, Alameda County, Calif. Castro Valley Elementary School.
Construction of elementary school building.
Owner — Castro Valley Elementary School District.
Architect—Not Selected.
The school district voted bonds January 15 in the amount of $97,000 to finance above construction. * * 15

January 17, 1946
BONDS VOTED
SCHOOL BUILDING Cost, $335,000
HAYWARD, Alameda County, Calif. Hayward Elementary School.
Construction of new school buildings and additions to existing school buildings.
Owner—Hayward School District of Alameda County.
Architect—Not Selected.
The school district voted bonds January 15 in the amount of $335,000 to finance above construction. * * 15

January 17, 1946
ARCHITECT SELECTED
SCHOOL EXPANSION
MANTECA, San Joaquin Co., Calif.
Construction of gymnasium, swimming pool, additional classrooms and music department.
Owner—Manteca Union High School District, Board of Education.
Architect—Harry J. Devine, Cronan Bldg., Sacramento.
The architect has been instructed to proceed with preliminary plans. * 15

January 17, 1946
BOND ELECTION POSTPONED
SCHOOL FACILITIES
Estimated Cost, $604,980
OAKDALE, Stanislaus County, Cal.
Enlargement of high school campus to include land for play areas, remodel and modernize classrooms, gymnasium and shops to provide new academic building, boys' gymnasium, swimming pool additional shops, cafeteria building, tennis courts, basketball courts, bleachers and track-house with public lavatories in stadium and the necessary extension of services, sewers, landscaping, etc. The total floor area of the buildings will cover approximately 74,000 square feet
Owner — Oakdale Joint Union High School Dist. of Stanislaus County, R. F. Carpenter, Clerk.
Architect—Johnson & Mayo, 307 Exchange Bldg., Stockton.
The school district will vote Jan. 22 (postponed from Jan. 15) on a proposal to issue bonds in amount of $600,000 to finance the construction. * * 15

January 17, 1946
ELECTION DEFEATED
CONTRA COSTA CO., Calif.—All Contra Costa County residents except those living in Richmond and San Ramon voted January 15 not to establish a junior college district in central Contra Costa County. * * 15

January 17, 1945
PREPARING PLANS
RECTORY AND HALL
SACRAMENTO, Calif. All Hallows Church.
Construction of rectory and parish hall as the first unit of an eventual $65,000 school plant.
Owner—Roman Catholic Bishop of Sacramento.
Architect—Harry J. Devine, Cronan Bldg., Sacramento. * * 15

January 17, 1946
BONDS VOTED
SAN LEANDRO, Alameda County, Calif.—The San Leandro Elementary School District voted bonds January 15 in the amount of $850,000 to finance construction as follows:
(1) Woodrow Wilson School (West Ave 129), including 20 classrooms kindergarten, all - purpose room and cafeteria and $65,000 auditorium;
(2) Mulford Gardens School, including 8 to 10 classrooms and all-purpose rooms;
(3) "South-East" School, vicinity of Bancroft Ave. and 143rd Ave., including 12 to 14 classrooms, auditorium, all-purpose room, and kindergarten;
(4) Roosevelt School improvements, including 6 classrooms and auditorium to seat 750;
(5) Washington School, modernizations, $2500;
(6) McKinley School, six additional classrooms;
(7) Lincoln School auditorium .
Plans were prepared by Architects Dragon & Schmidts, 2069 Allston Way Berkeley. * * 15

January 17, 1946
BONDS VOTED
SCHOOL ADDITIONS Cost, $350,000
SAN LORENZO, Alameda Co., Calif.
Construction of 11-room building to house 6th, 7th and 8th grades; new 6-room school building at -50th Ave. and Foothill Blvd.; 8-room addition to Village Sch.; 4-room addition to Ashland Sch.; 1-room addition to San Lorenzo School.
Owner—San Lorenzo School Dist., C. E. Lawson, Supt., San Lorenzo.
Architect—Not Announced.
The school district voted bonds January 15 in the amount of $350,000 to finance construction. * * 15

January 17, 1946
PLANS COMPLETED
RECONSTRUCT SCHOOL
Cost, $80,000
ALAMEDA, Alameda County, Calif. Santa Clara Ave. near Chestnut St.
Reconstruct Haight School.
Owner—Alameda Unified School District, Wm. E. Baden, secretary, Administration Bldg., Oak St. and Alameda Ave., Alameda.
Architects—Kent & Hass, 525 Market St., San Francisco.
Structural Engineers—L. H. Nishkian, 1045 Sansome St., and Harold B. Hammill, 381 Bush St., San Francisco. 15

January 17, 1946
PLANS COMPLETED
RECONSTRUCT SCHOOL
Cost, $75,000
ALAMEDA, Alameda County, Calif. Alameda Ave. between Walnut and Oak Sts.
Reconstruction of Porter School.
Owner—Alameda Unified School District, Wm. E. Baden, secretary, Administration Bldg., Oak St. and Alameda Ave., Alameda.
Architects—Kent & Hass, 525 Market St., San Francisco.
Structural Engineers—L. H. Nishkian, 1045 Sansome St., and Harold B. Hammill, 381 Bush St., San Francisco. 15

January 17, 1946
PLANS COMPLETED
RECONSTRUCT SCHOOL
Cost, $146,600
ALAMEDA, Alameda County, Calif. Central Ave. between Walnut and Oak Sts.
Reconstruct Alameda High School.
Owner—Alameda Unified School District, Wm. E. Baden, secretary, Administration Bldg., Oak St. and Alameda Ave., Alameda.
Architects—Kent & Hass, 525 Market St., San Francisco.
Structural Engineers—L. H. Nishkian, 1045 Sansome St., and Harold B. Hammill, 381 Bush St., San Francisco. 15

January 17, 1946
PLANNED
GYMNASIUM BLDG. Cost, $150,000
OAKLAND, Alameda County, Calif. Hamilton Junior High School, 2101 35th Ave.
Construction of two-story reinforced concrete gymnasium building.
Owner—Oakland Board of Education, Dr. William R. Odell, superintendent of public schools, 1025 2nd Ave., Oakland.
Architect—Not announced. 15

January 17, 1946
PLANS COMPLETED
RECONSTRUCT SCHOOL
Cost, $90,000
ALAMEDA, Alameda County, Calif. Central Ave. between Mound and Court Sts.
Reconstruction of Lincoln School.
Owner—Alameda Unified School District, Wm. E. Baden, secretary, Administration Bldg., Oak St. and Alameda Ave., Alameda.
Architects—Kent & Hass, 525 Market St., San Francisco.
Structural Engineers—L. H. Nishkian, 1045 Sansome St., and Harold B. Hammill, 381 Bush St., San Francisco. 15

January 17, 1946
PREPARING PLANS
CAFETERIA BLDG. Cost, $56,800
PORTERVILLE, Tulare Co., Calif.
Construction of cafeteria building.
Owner—Porterville Union High School District, Porterville.
Architect—W. D. Coates, Helm Bldg., Fresno. 15

January 17, 1946
PREPARING PLANS
SCHOOL ADDITION Cost, $21,700
PORTERVILLE, Tulare Co., Calif.
Construction of Doyle Colony school addition.
Owner—Porterville Union High School District, Porterville.
Architect—W. D. Coates, Helm Bldg., Fresno. 15

January 17, 1946
PREPARING PLANS
SCHOOL ADDITION Cost, $39,300
PORTERVILLE, Tulare Co., Calif.
Construction of Olive St. school addition.
Owner—Porterville Union High School District, Porterville.
Architect—W. D. Coates, Helm Bldg., Fresno. 15

January 17, 1946
PLANNED
SCHOOL BUILDING Cost, $310,000
OAKLAND, Alameda County, Calif. Parker School, 7921 Ney Ave.
Construction of school building to contain 15 classrooms.
Owner—Oakland Board of Education, Dr. William R. Odell, superintendent of public schools, 1025 2nd Ave., Oakland.
Architect—Not announced. 15

January 17, 1946
PLANNED
SCHOOL BUILDING Cost, $240,000
OAKLAND, Alameda County, Calif. Bella Vista School.
Construction of school building.
Owner—Oakland Board of Education, Dr. William R. Odell, superintendent of public schools, 1025 2nd Ave., Oakland.
Architect—Not announced. 15

January 17, 1946
PLANNED
SCHOOL BUILDING Cost, $160,000
OAKLAND, Alameda County, Calif. Burckhalter School, 3956 Burckhalter Ave.
Construction of school building to contain nine classrooms.
Owner—Oakland Board of Education, Dr. William R. Odell, superintendent of public schools, 1025 2nd Ave., Oakland.
Architect—Not announced. 15

January 17, 1946
PLANNED
SCHOOL ADDITION Cost, $375,000
OAKLAND, Alameda County, Calif. Lafayette School, 1707 West St.
Construction of school addition.
Owner—Oakland Board of Education, Dr. William R. Odell, superintendent of public schools, 1025 2nd Ave., Oakland.
Architect—Not announced. 15

January 17, 1946
PLANNED
RECONSTRUCT SCHOOL
Cost, $430,000
OAKLAND, Alameda County, Calif. Castlemont High School, 8601 MacArthur Blvd.
Reconstruction of Castlemont High School.
Owner—Oakland Board of Education, Dr. William R. Odell, superintendent of public schools, 1025 2nd Ave., Oakland.
Architect—Not announced. 15

January 17, 1946
PLANNED
GYMNASIUM, ETC. Cost, $208,000
OAKLAND, Alameda County, Calif. Elmhurst Junior High School, 1800 98th Ave.
Construction of gymnasium and academic building.
Owner—Oakland Board of Education, Dr. William R. Odell, superintendent of public schools, 1025 2nd Ave., Oakland.
Architect—Not announced. 15

January 17, 1946
PLANNED
SCHOOL ADDITION Cost, $350,000
OAKLAND, Alameda County, Calif. Lockwood Junior High School.
Construction of junior high school addition.
Owner—Oakland Board of Education, Dr. William R. Odell, superintendent of public schools, 1025 2nd Ave., Oakland.
Architect—Not announced. 15

January 17, 1946
PLANNED
SCHOOL BUILDING Cost, $192,000
OAKLAND, Alameda County, Calif.
Construction of new reinforced concrete school building to replace obsolete wooden Horace Mann School.
Owner—Oakland Board of Education, Dr. William R. Odell, superintendent of public schools, 1025 2nd Ave., Oakland.
Architect—Not announced. 15

January 17, 1946
PREPARING PLANS
REMODEL SCHOOL Cost, $8,000
PORTERVILLE, Tulare Co., Calif. Remodel cafeteria bldg. into classrooms.
Owner—Porterville Un. High School District, Porterville.
Architect—W. D. Coates, Helm Bldg. Fresno. 15

January 17, 1946
PREPARING PLANS
CLASSROOM BLDG. Cost, $240,000
SANTA BARBARA, Santa Barbara Co., Santa Barbara Campus of U. C.
Construction of classroom building.
Owner—Regents of the University of California, Administration Bldg., Berkeley.
Architect—Sylvanus B. Marston, 385 E. Green St., Pasadena. 15

January 17, 1946
PREPARING PLANS
SCIENCE BLDG. Cost, $330,000
SANTA BARBARA, Santa Barbara Co., Santa Barbara Campus of U. C.
Construction of science building.
Owner—Regents of the University of California, Administration Bldg., Berkeley.
Architects—Soule & Murphy, 116 E. Sola St., Santa Barbara. 15

January 17, 1946
PREPARING PLANS
GYMNASIUM BLDG. Cost $240,000
SANTA BARBARA, Santa Barbara Co., Santa Barbara Campus of U. C.
Construction of gymnasium building.
Owner—Regents of the University of California, Administration Bldg., Berkeley.
Architect — E. Keith Lockard, 369 Pine St., San Francisco. 15

January 17, 1946
PREPARING PLANS
LIBRARY ADMINISTRATION BUILDING Cost, $200,000
SANTA BARBARA, Santa Barbara Co., Santa Barbara Campus of U. C.
Construction of library administration building.
Owner—Regents of the University of California, Administration Bldg., Berkeley.
Architects—Soule & Murphy, 116 E. Sola St., Santa Barbara. 15

January 17, 1946
PLANS COMPLETED
COMPLETE SCHOOL Cost, $105,000
ALAMEDA, Alameda County, Calif. 5th and Pacific Sts.
Complete Longfellow School.
Owner—Alameda Unified School District, Wm. E. Baden, secretary, Administration Bldg., Oak St. and Alameda Ave., Alameda.
Architects—Kent & Hass, 525 Market St., San Francisco.
Structural Engineers—L. H. Nishkian, 1045 Sansome St., and Harold B. Hammill, 381 Bush St., San Francisco. 15

January 17, 1946
PLANS COMPLETED
RECONSTRUCT SCHOOL
Cost, $86,100
ALAMEDA, Alameda County, Calif. Corner 8th and Santa Clara Ave.
Reconstruct Washington School.
Owner—Alameda Unified School District, Wm. E. Baden, secretary, Administration Bldg., Oak St. and Alameda Ave., Alameda.
Architects—Kent & Hass, 525 Market St., San Francisco.
Structural Engineers—L. H. Nishkian, 1045 Sansome St., and Harold B. Hammill, 381 Bush St., San Francisco. 15

January 17, 1946
PLANNED
SCHOOL BUILDING Cost, $249,000
OAKLAND, Alameda County, Calif.
Construction of two-story reinforced concrete school building to replace an old wooden school building, Allandale School.
Owner—Oakland Board of Education, Dr. William R. Odell, superintendent of public schools, 1025 2nd Ave., Oakland.
Architect—Not announced. 15

January 17, 1946
PLANNED
SCHOOL Cost, $300,000
OAKLAND, Alameda County, Calif.
Construction of new school building to replace a collection of some 25 portables in a defense housing area.
Owner—Oakland Board of Education, Dr. William R. Odell, superintendent of public schools, 1025 2nd Ave., Oakland.
Architect—Not announced. 15

January 17, 1946
PREPARING PLANS
CAFETERIA BUILDING Cost, $9,400
NEWARK, Alameda County, Calif.
Construction of cafeteria building.
Owner — Alviso Elementary School, Newark R.F.D. Box 191.
Architect—Higgins & Root, Security Bldg., San Jose. 15

16— BANKS, STORES AND OFFICES

January 17, 1946
BIDS OPENED
STORE AND OFFICE BLDG.
ANTIOCH, Contra Costa Co., Calif.
Construction of store and office bldg.
Owner—A. Baldocchi, Antioch.
Architect—Elizabeth H. Witkin, 2712 Shasta Road, Berkeley.
Low Bidder—Miles Leavens, Walnut Creek, $48,644.
Other bidders were:
Minton and Kubon, San Francisco, $59,596.
Empire Constr. Co., San Francisco, $66,500. * * 16

January 17, 1946
SUB-CONTRACTS AWARDED
STORE BLDG. Cost, $21,000
SAN CARLOS, San Mateo Co, Cal. Laurel Street.
Construction of one-story reinforced concrete store bldg. (50x80-ft.)
Owner—C. S. Anderson.
Architect—Mario Ciampi, 333 Kearny Street, San Francisco.
Contractor—Daley Bros., 426 Bryant Street, San Francisco.
Roofing—J. W. Bender Roofing and Paving Co., 1999 Bryant Street, San Francisco.
Plumbing—Harry Lee, 216 California Drive, Burlingame.
Electric Wiring—Central Electric Co. 610 3rd St., San Francisco.
Sheet Metal—J. A. Gaffigan Sheet Metal Works, 315 8th Ave., San Mateo.
Tile Work and Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Mill Work—Brannan Street Planing Mill, 560 Brannan St., San Francisco.
Hardware—Marshall - Newell Supply Co., Spear and Mission Streets, San Francisco.
Lathing and Plastering—C. B. Henderson, 239 Ramona Street, San Mateo 16

January 17, 1946
BIDS OPENED
STORE BUILDING
SAN JOSE, Santa Clara Co., Calif. S. First St.
Construction of one-story and part mezzanine concrete store building (90-ft. front, 160-ft. deep), concrete walls and floors, steel trusses, built-up roof, etc.
Owner—Richard Hartman.
Architect—Higgins & Root, Security Bldg., San Jose.
Low Bidder—Earl W. Heple, 494 Delmas Ave., San Jose, $57,800.
Other bidders were:
Ernest A. Hathaway, San Jose, $59,200.
Carl N. Swenson Co., San Jose, $61,000. * 16

January 17, 1945
BIDS IN
ALTER BUILDING
SAN FRANCISCO. York and Alameda Streets
Alterations and additions to building.
Owner—Continental Baking Co., 1501 Bryant Street.
Architects—Bliss & Fairweather, 582 Market Street.
Bids received January 15 have been forwarded to the New York office of the owner for consideration. Announcement shortly. * * 16

January 17, 1945
CONTRACT AWARDED
COMMERCIAL BLDG. Cost, $125,000
OAKLAND, Alameda County, Calif. Broadway bet. Hobart and 21st.
Construction of two-story commercial bldg. (50x56 ft.) glass front, etc.
Owner—Lewis & Lewis, 2093 Broadway, Oakland.
Architect—William E. Schirmer, 1419 Broadway, Oakland.
Contractor—C. M. Thrams, 1100 6th Avenue, Oakland. * * 16

18—WHARVES & DOCKS

January 17, 1946
PREPARING PLANS
REPLACE PIERS Cost, $3,500,000
SAN FRANCISCO. Embarcadero
Replacement of Piers 25 and 27 to facilitate handling of cargo.
Owner—Board of State Harbor Commissioners, Ferry Building, San Francisco.
Plans by Engr. Dept. of Owner, F. G. White, Chief Engineer, Ferry Bldg., San Francisco. * * 18

January 17, 1946
PREPARING PLANS
NEW PIER Cost, $1,000,000
SAN FRANCISCO. Site of old Golden Gate auto ferries piers at the foot of Hyde Street.
Construction of new pier for fishing industry to provide berthing facilities, refrigeration and packing plants.
Owner—Board of State Harbor Commissioners, Ferry Building, San Francisco.
Plans by Engr. Dept. of Owner, F. G. White, Chief Engineer, Ferry Bldg., San Francisco. * * 18

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Ward Buildings Stockton State Hospital	Stockton	1-29

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Ward Bldgs., Stockton State Hosp., Stockton; Bids open Jan. 29, 2:00 P. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Danforth Building, Oakland; Bids open January 21.
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).
Shaul Constr. Co., 1630 Webster St., Oakland (GLencourt 7400).
G. W. Williams Co., 10 California Drive, Burlingame (Burl 4-1796).

Conversion Bldg., No. 401, S. F. Naval Shipyard, San Francisco; Bids open January 31, 11 A. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
A. Farnell Blair, 9 Main Street, San Francisco (YUkon 0390).
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).

Exterior Alterations, Southern Pacific Hospital, San Francisco; Bids open January 21, Noon.
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).
Rademann-Glusto, 40 Ringold Street, San Francisco (MArket 8151).

Two Bridges, San Joaquin County; Bids close January 23, 2 P. M.
Carl N Swenson Co., 355 Stockton Ave., San Jose 4 (BAllard 2602).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Laboratory Bldg., Moffett Field; Bids close January 30, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
Carl N. Swenson Co., 355 Stockton Ave., San Jose (BAllard 2602).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054).
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).

Alter Loft Bldg., 1244 Larkin St., San Francisco; Bids open Jan. 17, 1:30 PM
Henry Arian, 4142 Geary Blvd., San Francisco (BAyview 5797).
Robert L. Wilson, 1297 Bush St., San Francisco (GRaystone 6224).
Empire Constr. Co., Ltd., 344 Harriet St., S. F. (HEmlock 3400).

Warehouse, 8th and Ohio, Richmond; Bids open January 25, 10 A. M.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Erbentraut & Summers, 446 6th St., San Francisco (MArket 8310).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Biltwell Constr. Co., 4745 Geary Blvd., San Francisco (BAyview 5947)

Nursery and Residence, Valencia St., S. F.; Bids open Jan. 24, 1 P. M.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).
Rademann-Glusto, 40 Ringold Street, San Francisco (MArket 8151).
Midstate Constr. Co., 1297 Bush St., San Francisco (ORdway 4638)

Bldgs., Services, Reserve Fleet Berthing, Mare Island; NOy 13295; Spec. 17459; Bids open February 1, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Peter Kiewit Sons Co., 441 Post St., San Francisco (EXbrook 5736).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).

Garage and Auto Sales Bldg., Burlingame; Bids open Jan. 18, 3 P. M.
Parker, Steffens & Pearce, 135 South Park, S. F. (EXbrook 6639).
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
California Bldrs. Co., Inc., 350 Hobart St., Oakland (TEmplebar 6780)

Store Bldg., Post and Larkin Sts., S. F.; Bids open January 17, 4 P. M.
Empire Constr. Co., Ltd., 344 Harriet St., S. F. (HEmlock 3400).
Monson Brothers, 475 Sixth Street, San Francisco (DOuglas 5357).
Russell A. Cullen, 478 Jackson St, San Francisco (SUtter 1951).

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COASTWIDE SERVICE
PORTLAND SEATTLE

ADVANCE CONSTRUCTION REPORTS

January 17, 1946
PREPARING PLANS
EXPAND PIERS Cost, $1,000,000
SAN FRANCISCO. Embarcadero Modernization and enlargement of grain terminals at Piers 90 and 92; to be financed jointly by the Harbor Board and grain operators using terminals.
Owner—Board of State Harbor Commissioners, Ferry Building, San Francisco.
Plans by Engr. Dept. of Owner, F. G. White, Chief Engineer, Ferry Bldg., San Francisco. • • 18

19—MISC. CONSTRUCTION

January 17, 1946
BIDS OPENED
MORTUARY
BURLINGAME, San Mateo County, Calif.
Construction of one- and part two-story mortuary with reinforced concrete exterior walls and interior wood studding partitions.
Owner—Crosby-N. Gray & Co., 23 California Dr., Burlingame.
Architect—Richard M. Bates Jr., 950 Balleyane Rd., Hillsborough.
Low Bidder—G. W. Williams Co., 10 California Dr., Burlingame, $119,817.
Other bidders were:
Monson Bros., San Francisco, $125,629.
Haas Construction Co., San Francisco, $130,000.
Bids are being held under advisement. • 19

20— MISC. SUPPLIES AND MATERIALS

January 17, 1946
NOTICE OF SALE
SAN FRANCISCO.—Until Jan. 24, 10 A. M., bids will be received by the Navy Department, Material Redistribution and Disposal Office, 785 Market St., San Francisco 3, under Sales Catalog No. B-250-46, for the sale of 72 5-gallon galvanized milk cans, located at the Navy Material Redistribution Center, 2144 Clement Ave., Alameda. • 20

January 17, 1946
NOTICE OF SALE
SAN FRANCISCO.—Until Jan. 29, 10 A. M., bids will be received by the Navy Department, Material Redistribution and Disposal Office, 785 Market St., San Francisco 3, under Sales Catalog No. B-251-46 for the sale of 100 net tons salvable lumber and beams, weathered, in various dimensions and lengths, located at the National Cemetery Property adjacent to the U. S. Naval Advance Base Personnel Depot, San Bruno. • 20

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Fire Equipment 28
Streets and Highways 29
Reservoirs and Dams 30
Pipe Lines and Wells 31
Sewers and Sewage Disposal Plants 32
Waterworks 33
Parks and Playgrounds 34
Tunnels 35

21— BRIDGES

January 15, 1946
CONTRACT AWARDED
SAN FRANCISCO.—Chas. L. Harey, 625 Market St., at (1) $0.35, (2) $1, (3) $2, total $4824, awarded contract by the Department of Public Works, Room 282 City Hall, under Spec. No. 20033 for improvement of 36th Ave. (west one-half), between Noriega nad Ortega Sts. 29

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DUMP TRUCKS for rent. Cleanup and General Hauling. Call ATwater 6700. to 1/21, '46

January 15, 1946
PREPARING PLANS
SUISUN, Solano Co., Calif.—Engineer Ed Long, Suisun, is preparing plans for the City of Suisun for street improvements; estimated cost, $3500. 29

January 17, 1946
BIDS OPENED
TEHAMA COUNTY, Calif.—J. D. Proctor and B. W. Kuhn, Monadnock Bldg., San Francisco, at $378,409.17, submitted low bid January 16 to the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for construction of five reinforced concrete slab bridges and widening of two existing concrete bridges at various locations between Los Molinos and Red Bluff in Tehama County.
Work involves:
(1) remove bridge No. 8-17 and concrete abutment;
(2) 220 c.y. remove concrete;
(3) 230 c.y. rdwy. excav.;
(4) 1,050 c.y. struct. excav.;
(5) 500 c.y. imported borrow;
(6) 4,115 tons liq. asph. MC-2 pene. treatment;
(7) 856 l.f. timber bridge rail;
(8) 4,965 c.y. Class A portland cement concrete;
(9) 41,459 l.f. furnish steel piling;
(10) 685 each drive steel piles;
(11) 60 c.y. light riprap;
(12) 40 l.f. 24-in. CMP, 14 gauge;
(13) 963,000 lbs. furnish bar reinf. steel;
(14) 963,000 lbs. place do;
(15) 20 c.y. broken conc. masonry;
(16) 105,500 lbs. misc. iron and steel;
(17) 4,744 l.f. steel railing;
(18) 254 l.f. temp. timber guard rail;
(19) 24 each portable timber barricades;
(20) misc. items of work.
Total bids were:
(A) J. D. Proctor and B. W. Kuhn, San Francisco, $378,409.17.
(B) Fred J. Maurer & Son, Eureka, $379,827.50.
(C) Guy F. Atkinson Co., San Francisco, $406,926.50.
(D) J. P. Brennan and E. B. Bishop, Orland, $412,260.75.
(E) R. A. Westbrook, Sacramento, $418,333.30.
(F) Fredricksen & Watson Construction Co., Oakland, $432,578.
Unit prices will be published shortly. • 21

January 17, 1946
BIDS OPENED
SAN MATEO COUNTY, Calif.—Macco Construction Co., Freight and Ferry Sts., Oakland, at $281,956, submitted low bid January 16 to the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for a structural steel overcrossing to be constructed over Bay Shore Freeway at Peninsular Ave. in the City of San Mateo.
Work involves:
(1) 800 c.y. struc. excav.;
(2) 1,600 c.y. Class A portland cement concrete;
(3) 1,632,000 lbs. furnish struc. steel;
(4) 1,632,000 lbs. erect do;
(5) 11,500 lbs. cast steel;
(6) 20,000 lbs. cast iron stairway treads;
(7) 12,864 l.f. furnish conc. piles;
(8) 268 each drive concrete piles;
(9) 280,000 lbs. furnish bar reinf. steel
(10) 280,000 lbs. place do;
(11) 352 l.f. pipe handrail;
(12) 1,920 l.f. steel railing;
(13) lighting equipment;
(14) misc. items of work.
Total bids were:
(A) Macco Construction Co., Clearwater, $281,956.
(B) Clinton Construction Co., San Francisco, $283,177.
(C) A. Soda & Son, Oakland, $286,530.84.
(D) Peter Kiewit & Sons, San Francisco, $286,718.
(E) Guy F. Atkinson Co., San Francisco, $289,513.80.
(F) Carl N. Swenson Co., San Jose, $296,434.20.
(G) Robert McCarthy Co., San Francisco, $297,554.96.
(H) M. & K. Corp., San Francisco, $397,776.20.
(I) Chas. L. Harney, San Francisco, $297,965.
(J) George Pollock Co., Sacramento, $304,975.
(K) S. J. Amoroso & Son Construction, San Francisco, $306,875.
(L) Fredricksen & Watson Construction Co., $31,440.60.
(M) J. H. Pomeroy, Inc., San Francisco, $320,450.
(N) Harry J. Oser and Joe Gerrick, San Francisco, $322,350.
(O) Earl W. Hepie, San Jose, $323,766.20.
(P) E. W. Elliott Construction Co., San Francisco, $332,973.76.
(Q) Pittsburg-Des Moines Steel Co., Mountain View, $334,436.20.
Unit prices will be published shortly. • 21

22— DREDGING, HARBOR WORKS, EXCAVATION

January 17, 1946
BIDS OPENED
SAN FRANCISCO.—The following bids were received January 9 by the Board of Park Commissioners, Paul N. Moore, Secretary, McLaren Lodge, Golden Gate Park, for replacement of piles at Yacht Harbor, San Francisco:
M. B. McGowan, Inc., 625 Market St., (a) $2.76 l.f.; (b) $2.76 l.f.; (c) $2.76 l.f.
Ocean Constructors, (a) $6.30; (b) $6.60; (c) $.90. • • 22

25—MACHINERY AND EQUIPMENT

January 17, 1946
BIDS REJECTED
MODESTO, Calif.—Modesto City Board of Education, E. D. Abbott, secretary, Capitol School Bldg., 14th St., between H and I Sts., Modesto, Calif., rejected bids submitted January 7 for the purchase of two 55-passenger school busses. 25

January 17, 1946
BID OPENED
SAN MATEO COUNTY, Calif.—L. C. Smith at $10.795 per hour (combined rental and maintenance) $12.89 overtime and transportation at cost, submitted only bid January 15 to the Department of Public Works, Division of Highways, J. H. Skeggs, District Engineer, 2001 Van Ness Ave., San Francisco, for rental of one 1¼-c.y. shovel equipped with dipper sticks, for approx. 100 hours of work in San Mateo County.
It was previously reported no bids had been received. • • 25

29— STREETS AND HIGHWAYS

January 17, 1946
BIDS WANTED
NEW MEXICO.—Until January 26, 10 A. M., bids will be received at the office of F. G. Healy, state highway engineer, Capitol Bldg., Santa Fe, N. M., for highway improvements in various counties as follows:
New Mexico Project No. FI-3 (5), located in Santa Fe County on U. S. Highway Route No. 85, between Santa Fe and Canoncito, approximately 7.687 miles. The proposed work consists of grading, minor drainage structures, four multiple concrete box culverts each over 20-ft. clear span, base surfacing, bituminous top course surfacing and miscellaneous construction. Certified check for $25,000 to accompany bids.
New Mexico Project No. S-58 (3), located in Union County on N. M. Highway Route No. 58, between Springer and Clayton, approximately 10.298 miles. The proposed work will consist of grading and shaping present roadbed, watering and rolling, placing ballast and levelling course and bituminous top course surfacing and miscellaneous construction. Certified check for $5700 to accompany bids.
New Mexico Project No. S-87 (1), located in Santa Fe County on N. M. Highway Route No. 4, between Otowi and Popoaque, approximately 7.297 miles. The proposed work will consist of grading, minor drainage structures, four multiple concrete box culverts each of 20-ft. clear span, ballast, levelling course and miscellaneous construction. Certified check for $16,500 to accompany bids.
New Mexico Projects No. F-110 (2) and F-139 (4), located in Luna County on N. M. Highway Route No. 11, between Deming and Columbus, approximately 7.4 miles. The proposed work will consist of grading, minor drainage structures, two multiple concrete box culverts each of over 20-ft. clear span, watering and rolling, levelling course, ballast, bituminous top course, surfacing and miscellaneous construction Certified check for $7500 to accompany bids.
New Mexico Project No. F-186 (4), located in San Juan County on N. M. Highway Route No. 44, between Aztec and Bloomfield, approximately 7.571 miles. The proposed work will consist of grading, minor drainage structures, two multiple concrete box culverts each over 20-ft. clear span, watering and rolling, levelling course, ballast and miscellaneous construction. Certified check for $12,500 to accompany bids.
New Mexico Project No. S-214 (14), located in Santa Fe County on N. M. Highway Route No. 10, between Santa Fe and Madrid, approximately 0.5 mile. The proposed work will consist of grading, minor drainage structures, one 290-span concrete and steel bridge, watering and rolling, levelling course, ballast, bituminous top course surfacing and miscellaneous construction. Certified check for $6500 to accompany bids.
Special specifications, including schedules, proposal forms and contract forms, accompanied by general layout and typical cross-sections for these contracts are available from the above office upon payment of $2. Additional plan sheets, cross-section sheets of mass diagrams available for $.25 each. • 29

January 17, 1946
BIDS WANTED
PORTLAND, Ore.—Until January 28, 1:30 P. M., the Bonneville Power Administration, P. O. Box 3537, Portland, for the clearing of approximately 30 miles of right-of-way for the Chehalis-Olympia 230-kv. transmission line in Lewis and Thurston counties. The work involves clearing of right-of-way, removing trees, remove all obstructions, build access roads, road structure and gates and dispose of all cleared material; Invitation No. 3536. Plans may be obtained upon deposit of $5 with the agency. • 29

January 17, 1946
BIDS OPENED
TEHAMA COUNTY, Calif.—Oilfields Trucking Co. and Phoenix Constr. Co., Box 751, Bakersfield, at $508,837.32 submitted low bid January 16 to State Division of Highways, G. T. McCoy, State Highway Engineer, Public Works Bldg., Sacramento, for about 7.1 miles in length to be graded and surfaced with plant mix surfacing on cement treated base, between six miles north of Red Bluff and Shasta County line in Tehama County.
Work involves:
(1) 340 c.y. remove concrete;
(2) 54 acres clear and grubb;
(3) 35,000 sq. yds. compact original ground;
(4) 436,000 c.y. rdwy. excav.;
(5) 204,000 tons imported borrow,
(6) 4,900 c.y. struct. excav.;
(7) 2,300 c.y. ditch and channel excavation;
(8) 2,100,000 sta. yds. overhaul;
(9) develop water supply and furnish water equip.;
(10) 15,000 M. gals. apply water;
(11) 395 sta. finish rdwy.;
(12) 34,000 tons min. agg. cement treated base;
(13) 12,600 bbls. of portland cement treated base;
(14) 95 tons asph. emulsion curing seal;
(15) 30 tons liq. asph. MC-2 prime coat;
(16) 1,100 tons pave. asph. plant mix surfacing;
(17) 17,000 tons min. agg. plant mix surf. base course;
(18) 6,200 tons min. agg. plant mix surf., surface course;
(19) 125 tons liq. asph. RORC-5, seal coat;
(20) 825 tons screenings, seal coat;
(21) 650 c.y. Class A portland cement concrete structures;
(22) 140 c.y. Class B portland cement conc. curbs and gutters;
(23) 50 each monuments;
(24) 393 each culvert markers and guide posts;
(25) 7.2 miles new property fence;
(26) 8 each drive gates;
(27) 1 mile remove and salvage existing fence;
(28) 0.864 mile remove and reconstruct existing property fences;
(29) 192 l.f. 12-in. reinf. conc. pipe;
(30) 2,634 l.f. 18-inch do;
(31) 789 l.f. 24-inch do;
(32) 516 l.f. 36-inch do;
(33) 56 l.f. 48-inch do;
(34) 444 l.f. 36-in. reinf. conc. pipe siphon;
(35) 808 l.f. 18-in. CMP, 16 gauge;
(36) 28 each spillway assemblies;
(37) 84 l.f. salvage existing pipe culverts;
(38) 66,000 lbs. bar reinf. steel;
(39) 27 each precast concrete ditch gates;
(40) 3 each 36-in. concrete manhole units;
(41) 3 each manhole frames and covers;
(42) 12 each ruby reflectors.
Total bids were:
(A) Oilfields Trucking Co. and Phoenix Constr. Co., Bakersfield, $508,837.32.
(B) Larsen Bros., Sacramento, $536,138.50.
(C) E. B. Bishop, Orland, $543,993.80.
(D) A. Teichert & Son, $546,306.
(E) R. A. Westbrook, Sacramento, $555,277.30.
(F) Parish Bros., Benicia, $558,692.55.
(G) E. W. Elliott Constr. Co., S. F., $587,691.75.
(H) Guy F. Atkinson Co., San Francisco, $590,996.05.
(I) Fredericksen & Watson Constr. Co., Oakland, $629,007.75.
(J) Roades Bros. and Shofner, Los Angeles, $688,369.20.
(K) Utah Constr. Co., San Francisco, $710,244.
(L) Guerin Bros., South San Francisco, $710,962.
Unit prices will be given shortly. • • 29

January 17, 1946
BIDS WANTED
NAPA, Napa Co., Calif.—Until Jan. 21, 7:30 P. M., bids will be received by the Napa City Council, Charles E. Martin, City Clerk, City Hall, for resurfacing three tennis courts at the Intermediate School Grounds, Napa.
Specifications available from the office of the City Clerk. • • 29

January 17, 1946
BIDS WANTED
SAN FRANCISCO.—Until Feb. 6, 2:30 P. M., bids will be received by the Department of Public Works, Room 282, City Hall, for improvement of 43rd Ave., east half, between Ortega and Pacheco Sts.
Plans and specifications obtainable from the office of City Engineer Ralph Wadsworth, City Hall. • • 29

January 17, 1946
BIDS OPENED
KINGS COUNTY, Calif.—W. C. Railing, 27 Lowell St., Redwood City, at $70,408.25, submitted low bid Jan. 16 to the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about one and five-tenths miles in length to be graded and surfaced with road mix surfacing between fifth standard parallel south and 1.5 miles north in Kings County.
The work involves:
(1) clearing and grubbing;
(2) 10,100 cu. yds. roadway excavation;
(3) 8000 sq. yds. compact original ground;
(4) 700 cu. yds. structural excavation;
(5) 40 cu. yds. ditch excavation;
(6) 31,000 cu. yds. imported borrow;
(7) 5100 cu. yds. imported subgrade material;
(8) develop water supply and furnish water equipment;
(9) 1200 M gallons apply water;
(10) 78 sta. finish roadway;
(11) 3650 tons minimum aggregate road mix surfacing;
(12) 26,500 sq. yds. mix and compact road mix surfacing;
(13) 205 tons liquid asphalt SC-3 road mix surfacing;
(14) 25 tons liqui dasphalt SC-2 prime coat;
(15) 18 cu. yds. class A portland cement concrete structures;
(16) 650 lbs. bar reinforcing steel;
(17) 15 each monuments;
(18) 16 each culvert markers;
(19) 411 lin. ft. 24-in. reinforced concrete pipe, standard strength;
(20) 134 lin. ft. salvage existing pipe culverts.
Total bids were:
(A) W. C. Railing, Redwood City, $70,408.25.
(B) George E. French, Visalia, $75,989.50.
(C) Phoenix Construction Co., Bakersfield, $77,090.50.
(D) Milo A. Brown, Palo Alto, $82,128.
(E) J. Henry Harris, Berkeley, $82,152.95.
(F) Louis Biasotti & Son, Stockton, $84,490.25.
(G) Combs Bros., Bakersfield, $94,528.25.
(H) Volpa Bros., Fresno, $95,373.
(I) Brown, Doko & Baun, Pismo Beach, $96,996.
(J) J. E. Haddock, Ltd., Pasadena, $104,716.50.
(K) Guerin Bros., $118,145.50.
Unit prices will be published shortly. • 29

January 17, 1946
BIDS OPENED
SAN JOAQUIN COUNTY, Calif.—M. J. B. Construction Co., 322 Elks' Bldg., Stockton, at $372,835.75, submitted low bid Jan. 16 to State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about three and eight-tenths miles in length to be graded and paved with portland cement concrete, between Grant Line Rd. and Mossdale, in San Joaquin County.
The work involves:
(1) 30 cu. yds. remove concrete;
(2) 203 sta. clearing and grubbing;
(3) 14,500 cu. yds. roadway excavation;
(4) 1000 cu. yds. ditch and channel excavation;
(5) 1100 cu. yds. structural excavation;
(6) 54,700 cu. yds. imported borrow, type A;
(7) 278,300 cu. yds. imported borrow, type B;
(8) 10,000 sq. yds. compact original ground;
(9) develop water supply and furnish water equipment;
(10) 16,200 M gallons apply water;
(11) 203 sta. finish roadway:
(12) 30,500 tons untreated rock base;
(13) 65 tons liquid asphalt SC-2 prime coat and penetration treatment;
(14) 10 cu. yds. sand prime coat;
(15) 55 tons asphaltic emulsion armor coat, paint binder and seal coat;
(16) 750 tons screenings armor coat and seal coat;
(17) 2300 tons minimum aggregate plant mix surfacing;
(18) 115 tons paving asphalt plant mix surfacing;
(19) 560 lin. ft. raised bars;
(20) 9675 cu. yds. portland cement concrete pavement;
(21) 7000 each tie bolt assemblies;
(22) 35 cu. yds. class A portland cement concrete structures;
(23) 21 cu. yds. portland cement concrete curbs;
(24) 9 cu. yds. portland cement concrete sidewalks;
(25) 30 each monuments;
(26) 200 lin. ft. guard railing;
(27) 160 lin .ft. move and reconstruct existing guard railing;
(28) 110 each culvert markers and guide posts;
(29) 0.6 mile new property fence, type A;
(30) 0.7 mile new property fence, type B;
(31) 2 each drive gates;
(32) 0.6 mile remove and reconstruct existing property fences;
(33) 130 lin. ft. 8-in. CMP, 16-gage;
(34) 398 lin. ft. 12-in. CMP downdrains, 16-gage;
(35) 900 lin. ft. 18-in. CMP, 16-gage;
(36) 24 lin. ft. 24-in. CMP, 14-gage;
(37) 176 lin. ft. 48-in. CMP, 12-gage;
(38) 142 lin. ft. 24-in. CMP siphon, 14-gage;
(39) 6 each field joints for siphons;
(40) 6 each spillway assemblies;
(41) 1 each drainage gate;
(42) 1 each slide headgate;
(43) 90 lin. ft. salvage existing pipe culverts;
(44) 90 lin. ft. relay salvage CMP;
(45) 6300 lbs. bar reinforcing steel;
(46) 12 each ruby reflectors;
(47) engineer's office and appurtenances.
Total bids were:
(A) M. J. B. Construction Co., Stockton, $372,835.75.
(B) Fredrickson & Watson Construction Co., Oakland, $410,297.79.
(C) Louis Biasotti & Son, Stockton, $416,225.80.
(D) A. Teichert & Son, Sacramento, $421,050.
(E) Marshall & Hanrahan, Redwood City, $433,202.40.
(F) Charles L. Harney, San Francisco, $446,813.43.
(G) Gunnar Corporation, Pasadena, $480,386.80.
Unit prices will be published shortly. • 29

January 17, 1946
BIDS OPENED
COLUSA COUNTY, Calif.—Harms Bros., Route 4, Box 2220, Sacramento, at $219,031 submitted low bid January 16 to the State Division of Highways, G. T. McCoy, State Highway Engineer, Public Works Bldg., Sacramento, for about 3.3 miles in length to be graded and surfaced with plant mix surfacing on cement treated base and a reinf. concrete bridge to be constructed across Cortina Creek, between 3 miles north of Arbuckle and 4 miles south of Williams, in Colusa County.
Total bids were:
(A) Harms Bros., Sacramento, $219,031.
(B) E. B. Bishop, Orland, $236,681.50.
(C) A. R. McEwen and C. M. Syar, Sacramento, $248,657.50.
(D) J. R. Reeves, Sacramento, $281,555.75.
(E) Parish Bros., Benicia, $311,069.
(F) Guerin Bros., South San Francisco, $370,261.
Unit prices will be published shortly. • 29

30—RESERVOIRS & DAMS

January 17, 1946
BIDS WANTED
FORT PECK, Mont.—Until Feb. 5, 10 A. M., bids will be received by the U. S. District Engineer Office, Fort Peck, Mont., for the installation of the structures, machinery and equipment which will provide the facilities required for placing in operation at the power house a second generating unit (capacity 16,667 kva.) and the construction work required to complete the existing power house superstructure to elevation 2128.0 to permit the future installation of the surge tanks for the Fort Peck power development; Serial 14. The site of the work is on the Missouri River at the Fort Peck damsite, approximately 19 miles southeast of Glasgow, Mont. ,in T. 26 N., R. 41 E., McCone County.
The work consists of the removal, salvage, disposal or replacement of certain specified existing temporary covers or bulkheads; the reconstruction of and placing in satisfactory operation an existing government-owned concrete mixing plant of approximately 80 cu. yds. per hour capacity; placing all specified reinforced concrete work; grouting and pressure grouting in the Fort Peck power house penstock area and main control shafts Nos. 1 and 2; installation of two butterfly valves in Nos. 1 and 2 penstocks, respectively; furnishing and installing the specified portion of the structural steel and reinforced concrete deck over the penstock area; installation of a 20,000 h.p. waterwheel turbine and its associated hydraulic governor; installation of reinforced concrete foundations for a 16,667 kva. (15,000 kw.) AC generator and furnishing only the services of an overhead type crane operator during the erection of the generator by the generator manufacturer; installation of two 13.8 kv. switchgear cubicle units and installing miscellaneous steel structures, tanks, valves and piping, and construction of certain specified equipment and structures. All work to be completed by January 1, 1947. Bid bond for 20% to accompany bid. • 30

January 17, 1946
PREPARING PLANS
PORTERVILLE, Tulare Co., Calif.—Engineer Irvin H. Althouse, Porterville, Calif., is preparing plans for the Vandalia Irrigation District, Porterville, for diverting dam extensions; estimated cost $6000. 30

January 17, 1946
PREPARING PLANS
NEVADA CITY, Nevada Co., Calif.—Engineer E. W. Wren, Nevada City, is preparing plans for the City of Nevada City for a reservoir; estimated cost, $10,000. 30

31—PIPE LINES & WELLS

January 17, 1946
CONTRACT AWARDED
TERRA BELLA, Tulare Co., Calif.—Roscoe Moss & Co., 127 E. Ingo St., Tulare, Calif., at $10,739, submitted low bid and was awarded contract by the Terra Bella Irrigation District, E. H. Robinson, secretary, Terra Bella, for drilling of a well not to exceed 1500 feet in depth and furnishing casing therefor. 31

January 17, 1946
PREPARTING PLANS
MT. SHASTA, Siskiyou Co., Calif.—Engineer Albert Parrott, Yreka, is preparing plans for the City of Mt. Shasta for the construction of 10-in. spiral welded pipeline; estimated cost, $14,250. 31

32— SEWERS & SEWAGE DISPOSAL PLANTS

January 17, 1946
BIDS WANTED
SAN FRANCISCO.—Until February 8, 11:30 A. M., bids will be received by the Department of Public Works, Room 282 City Hall, for the construction of Scott St. sewer system, Sections BC and AD, on 17th, Church, 14th, Sanchez and Steiner Sts., between Treat Ave. and Waller St.
Plans and specifications may be obtained from the office of City Engineer Ralph Wadsworth, City Hall, upon deposit of $10. • 32

January 17, 1946
BIDS WANTED
ALAMEDA, Alameda Co., Calif.—Until February 5, 8:05 P. M., bids will be received by the Alameda City Council, City Clerk's Office, City Hall, for the construction of a storm sewer on west side of Everett St. from Blanding Avenue to the estuary.
Plans and specifications available from the office of the City Engineer, City Hall, Alameda.
Work involves:
(1) 324 l.f. 21-in. RCP storm sewer, standard strength;
(2) 52 l.f. 21-in. do, extra strength;
(3) 160 l.f. 6-in. VCP sanitary sewer pipe;
(4) 92 l.f. 12-in. RCP storm drain, extra strength;
(5) 1 reinf. concrete catchbasin, according to sketch 1;
(6) 2 do, according to sketches 2, 3;
(7) 1 reinf. concrete headwall and spillway;
(8) 600 sq. ft., portland cement concrete sidewalks, 3-in. thick;
(9) 100 sq. ft., do, 6-in. thick;
(10) 50 l.f., portland cement concrete curbing;
(11) 120 sq. ft. portland cement concrete gutters;
(12) 10 c.y. plain concrete street base
(13) 12 tons type B asphaltic conc. gutter and street resurfacing;
(14) 42 l.f. removal of cast iron arch culverts. • • 32

January 17, 1946
LOW BIDDER
SANTA BARBARA, Calif.—A. C. Dinsmore and J. L. McCoy, 909 Carpenteria, Santa Barbara, at $33,940, submitted low bid January 14 to the Board of Supervisors of Santa Barbara County, Courthouse, Santa Barbara, for the construction of a sewage disposal plant at Santa Barbara County General Hospital, located on San Antonio Rd., about eight miles north of Santa Barbara. • 32

January 17, 1946
PREPARING PLANS
MT. SHASTA, Siskiyou Co., Calif.—Engineer Albert Parrott, Yreka, is preparing plans for the City of Mt. Shasta for the construction of sewer and drainage facilities; estimated cost, $3200. 32

January 17, 1946
PREPARING PLANS
YREKA, Siskiyou Co., Calif.—Engineer Arthur O'Connor, Yreka, is preparing plans for the City of Yreka for the construction of a storm sewer, 2400 feet in length; estimated cost, $7650. 32

33—WATERWORKS

January 17, 1946
PREPARING PLANS
POTTER VALLEY, Mendocino Co., Calif.—Engineer Edwin Wipf, Potter Valley, is preparing plans for the Potter Valley Irrigation District, Potter Valley, for repairing and enlarging head gate and control system; estimated cost $12,000. The work involves cleaning and enlarging present ditches. 33

34— PARKS AND PLAYGROUNDS

January 17, 1946
COMPLETING PLANS
WELLS, Elko Co., Nev.—Plans are being completed for the City of Wells for the construction of steel water mains; estimated cost, $9500. 33

Bid Opening Schedule

BUILDING CONSTRUCTION

Bid Opening Date	Project	Location of Project	Noted in Issue
1-17	Store Building (Grimm)	San Francisco	1-16
1-17	Install Partitions (Govt.)	San Francisco	1-14
1-17	Alter and Add to Building (Monogram)	San Francisco	1-10
1-17	Temporary Alterations (Govt.)	San Francisco	1-14
1-18	Garage and Auto Sales Bldg. (McAllister)	Burlingame	1-14
1-18	Painting (FWA)	Las Vegas, Nev.	1- 4
1-19	Interior Painting (FWA)	San Francisco	12-28
1-20	Stoker (FWA)	Ellensburg, Wash.	12-28
1-21	Painting (FWA)	Marysville	12-28
1-21	Painting (FWA)	Claremont	1- 4
1-21	Alter Hospital (City)	San Francisco	1- 9
1-21	Apartment Building (Danforth)	Oakland	1-11
1-22	Install Electric Feeders, Etc. (City)	San Francisco	1-11
1-22	Repair Warehouse (City)	San Francisco	1- 9
1-22	Fire Station (Co.)	Altadena	12-26
1-22	Painting (FWA)	Pasadena	1- 4
1-22	Airport Building (County)	Napa	1-15
1-23	Elevator Repairs (Govt.)	San Francisco	1- 9
1-23	Painting, Etc. (Govt.)	San Francisco	1-11
1-24	Alter Hospital (Navy)	Corona	1- 9
1-24	Nursery and Residence (Sharpe-Knight)	San Francisco	1-10
1-25	Add and Alter Facilities (Navy)	San Diego	1- 9
1-25	Warehouse (Dist.)	Richmond	1- 4
2-26	Hospital Bldg. (Vets' Admin.)	Grand Junction, Colo.	1- 4
1-28	School Building (Dist.)	Dos Palos	1- 8
1-28	Sell Mill (Govt.)	Salinas	1- 8
2-28	Construct Buildings, Etc. (Govt.)	Boise Project, Idaho	1- 9
1-28	Mezzanine Offices (Oakland Port Commission)	Oakland	1-16
1-29	Painting, Etc. (Navy)	Crows Landing	1-16
1-29	Ward Buildings (State)	Stockton	1- 8
1-29	Wire Mesh Partitions (Govt.)	Honolulu, T. H.	12-26
1-30	Laboratory Bldg. (NACA)	Moffett Field	1- 8
1-30	School Addition (Dist.)	Salinas	1-15
1-30	Alter Hospital (City)	San Francisco	1-14
1-31	Grain Elevator (Tulana Farms)	Worden, Ore.	12-27
1-31	Building Conversion (Navy)	San Francisco	1- 7
2- 1	School Addition (Dist.)	Fair Oaks	1- 7
2- 4	Add to School (Dist.)	Coachella	1-10
2- 5	Warehouse (State)	Sacramento	1-16
2-18	Steel Partitions (Govt.)	Denver, Colo.	1- 8
2-19	Bond Election (Dist.)	San Jose	1- 7
2-27	Addition to School (Dist.)	Downey	1-16

MISCELLANEOUS SUPPLIES AND MATERIALS

Bid Opening Date	Project	Location of Project	Noted in Issue
1-17	Flashlights, Etc. (Govt.)	San Francisco	1- 3
1-17	Brass, Ets., Sale (Navy)	San Francisco	1- 8
1-17	Canvas Radio Covers (Navy)	San Francisco	1- 8
1-17	Install Fluorescent Fixtures, Etc. (Govt.)	San Francisco	1-16
1-18	Radio Repair Parts (Govt.)	San Francisco	1- 8
1-18	Sale Elec. Switches (Navy)	San Francisco	1- 8
1-18	Asphalt Kettle (Govt.)	San Luis Obispo	1-15
1-18	Asphalt, Etc. (State)	Sacramento	1-15
1-21	Manila Covers (Govt.)	San Francisco	1-15
1-21	Window Shades, Etc. (Govt.)	San Francisco	1- 8
1-21	Gasoline, Etc. (City)	Burlingame	1- 7
1-21	Grass Seed (City)	San Francisco	1-11
1-22	Transformers, Etc. (Dist.)	El Centro	1- 4
1-23	Transformers, Etc. (Govt.)	Shoshone Project	12-18
1-23	Grate Valves, Etc. (Dist.)	Oakland	1-11
1-24	Transformers (Dist.)	Oakland	1-11
1-25	Venturi, Etc. (City)	San Francisco	1-11
1-25	Manila Rope (Govt.)	San Francisco	1-14
1-25	Linoleum (City)	San Francisco	1-16
1-28	Pig Lead (City)	San Francisco	1-16
1-28	Radio Repair Parts (Govt.)	San Francisco	1-15
1-28	Radio Repair Parts (Govt.)	San Francisco	1-15
1-28	Metal Shoe, Etc. (Govt.)	San Francisco	1-10
1-29	Radio Repair Parts (Govt.)	San Francisco	1-15
1-29	Storage Cases (Govt.)	San Francisco	1-11
1-30	Transmission Line, Etc. (Govt.)	San Francisco	1-15
2- 1	Oil Circuit Breakers, Etc. (Govt.)	Redding, Etc.	1- 3
2- 1	Rulers, Folders (Govt.)	San Francisco	1-16

STREETS, ROADS AND HIGHWAYS

Bid Opening Date	Project	Location of Project	Noted in Issue
1-18	Improve 58th St. (City)	Sacramento	1- 3
1-22	Improve Park (Co.)	Bell Gardens	12-26
1-22	Improve Park (Co.)	Los Angeles County	12-26
1-22	Striping Runway, Etc. (Govt.)	Flagstaff, Ariz.	1-15
1-23	Repair Road (State)	Solano County	12-26
1-23	Repair Sidewalks, Etc. (Govt.)	Santa Cruz	1-11
1-23	Improve Ave. (City)	Los Angeles	1- 8
1-23	Highway and Bridge (State)	Helena, Mont.	1-16
1-17	Construct Streets, Etc. (Govt.)	Davis Dam Project	12-19
1-30	Grading, Etc. (State)	Merced	1-15
1-30	Improve Road (State)	Flagstaff, Ariz.	1-16
2- 7	Overhead Crossing (State)	Los Angeles County	1- 8
2- 8	Addl. Paving (Navy)	San Francisco	1- 8
2-13	Grading, Etc. (State)	El Dorado County	1-15
2-14	Overhead Crossing (State)	Los Angeles	1-15
2-14	Overcrossing (State)	San Diego	1-15
2-14	Overcrossing (State)	Los Angeles	1-15

BRIDGES — TUNNELS — HARBOR WORKS EXCAVATIONS

Bid Opening Date	Project	Location of Project	Noted in Issue
1-18	Bridges (State)	Oregon State.	1- 8
1-23	Steel Beam Span Bridge (State)	San Joaquin County	12-26
2- 2	Friant-Kern Canal (Reclamation Bureau)	Friant	1- 4

MACHINERY AND EQUIPMENT

Bid Opening Date	Project	Location of Project	Noted in Issue
1-17	Crane (Govt.)	Keswick	12-28
1-18	Compression Connectors, Etc. (Govt.)	Central Valley Project	1-10
1-18	Sale Pump, Etc. (City)	San Francisco	1- 9
1-18	Generator Set (Navy)	San Francisco	1- 8
1-18	Vibrator Roller (Dist.)	Daly City	1-14
1-18	Compression Connectors, Etc. (Govt.)	Central Valley Project	1-14
1-18	Steel Partitions (Reclamation Bureau)	Earp	1- 4
2-18	Bulkhead Gate (Reclamation Bureau)	Odair, Wash.	1- 4
1-21	Transformers, Etc. (Govt.)	Denver, Colo.	12-18
1-21	Dump Trucks (City)	Bakersfield	1-15
1-22	Circuit Breakers, Etc. (Govt.)	Davis Dam	12-18
1-22	Dump Truck, Etc. (County)	Colusa County	1-14
1-23	Oil Circuit Breaker (Dist.)	Oakland	1-11
1-23	Sedans (Dist.)	Oakland	1-11
1-23	Gate Valves, Etc. (Dist.)	Oakland	1-14
1-23	Power Operator Oil Circuit Breakers (City)	Los Angeles	1-14
1-24	Refrigeration Equipment (Navy)	El Toro	1-14
1-25	Ventilating Equipment, Etc. (Govt.)	Boulder Canyon	12-18
1-25	Motor Coaches (City)	San Francisco	12-27
1-28	Steam Turbine (City)	Pasadena	12- 5
1-29	Police Ambulance (City)	Oakland	1-16
1-31	Cooling System (Smith)	Bakersfield	1-14
2- 5	Furnish Pumps (Govt.)	Columbia Basin Project, Wash.	12-20
3- 7	Pumps, Etc. (Govt.)	Columbia Basin Project.	1-11
2- 8	School Coach (Dist.)	Inyo County	1-15
2-13	Span Bridge (State)	Kern County	1-15
2-18	Structural Steel Anchorages, Etc. (Govt.)	Central Valley Proj.	1-15

WATERWORKS — PIPELINES — DAMS — TANKS

Bid Opening Date	Project	Location of Project	Noted in Issue
1-21	Foundation Work (Govt.)	Priest Rapids, Wash.	1- 4
1-24	Reservoir (City)	Glendale	1- 2
1-24	Reservoir (City)	Glendale	1- 2
1-24	Water System (Dist.)	Lake Stevens, Wash.	1- 3
1-31	Drilling Water Well (State)	Yolo County	1-15
2- 5	Earthwork, Etc. (Govt.)	Central Valley Project	1- 8
2- 7	Spillway (Govt.)	Canton Dam, Oklahoma	1- 4
2- 7	Spillway, Etc. (Dist.)	Canton, Okla.	1-10
2-19	Concrete Water Tank (City)	Ritzville, Wash.	1-16

SEWERS—DISPOSAL PLANTS—STORM DRAINS FENCING—PARKS AND PLAYGROUNDS

Bid Opening Date	Project	Location of Project	Noted in Issue
1-24	Install Sewers (City)	Fresno	1-10
1-29	Drainage System (Navy)	Stockton.	
1-30	Army Street Sewer (City)	San Francisco	1- 7
1-30	Sewer System (City)	San Francisco	1- 9

STREET LIGHTING SYSTEMS

Bid Opening Date	Project	Location of Project	Noted in Issue
1-22	Street Lighting System (City)	San Francisco	1- 9
1-22	Power Line (N.I.R.E.R.A.)	Sandpoint, Idaho	1-14
2-11	Transmission Line (Govt.)	Oroville to Sacramento	1-16

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS

Building Permits, $1,000 and Over, Applied For

SAN FRANCISCO COUNTY

CLASS C STORE
N. JESSIE 297 W. 6TH ST.
Owner—Sterling Furniture Co., 1049 Market St.
Builder—Wagner & Martinez, 181 South Park.
Architect—Not Given. $30,000
(Application No 85314)

ALTER STORES
130-40 WEST PORTAL.
Owner—Owl Drug Co., 657 Mission.
Builder—Louis C. Dunn Co., Monadnock Bldg., Room 799.
Architect—Not Given. $10,000
(Application No 85346)

S. SACRAMENTO ST. 150 W. OF GOUGH.
Owner—Carl Warden, Army and Kansas Sts.
Builder—Nils E. Johnson, 2080 Silver Ave.
Architect—Not Given. $10,000
(Application No 85313)

ALTER OFFICES AND PLANT
1563 MISSION STREET.
Owner—Charles Block, premises.
Builders—Jacks & Irvine, 620 Mission St; Hyman, Appleton & Wolford, 68 Post St.
Architect—Not Given. $8,000
(Application No 85334)

2-STORY FRAME FLATS (4)
N. LAWTON W. 45TH AVE; N. LAWTON 31.8 W 45TH AVE.; N. LAWTON 63.4 W. 45TH AVE.; N. 45TH AVE. 25 W. LAWTON.
Owner—F. E. Norton, 1470 45th Ave.
Builder—E. D. Risu, 25-35 16th Ave.
Architect—Not Given. $7,000 each
(Application Nos 85328-31)

2-STORY FRAME RESIDENCES (2)
S. BURLWOOD 98, 123 W LULU ALLEY.
Owner and Builder—Meyer Construction Co., 200 Quint St.
Architect—Not Given. $7,000 each
(Application No 85310-11)

1-STORY FRAME DWELLINGS (2)
W. 44TH AVE. 100, 125 S. TARAVAL.
Owner and Builder — MacArthur Building Co., 3224 Judah St.
Architect—Not Given. $5,500 each
(Application Nos 85318-19)

2-STORY FRAME DWELLINGS (2)
NW. 35TH AVE. AND SANTIAGO; NW. 50 N. OF SANTIAGO.
Owner — Stephen M. Kovacik, 730 Mission St.
Builder—Peter Gavazza, 2104 Market.
Architect—Not Given. $5,000 each
(Application Nos 85335-36)

1-STORY FRAME DWELLING
E. 22ND AVE. 150 S. LAWTON.
Owner and Builder—United Housing Corp., 2701 Judah St.
Architect—Not Given. $5,000
(Application No 85327)

1-STORY FRAME DWELLING
N. ORTEGA 70 E. 31ST AVE.
Owner and Builder—United Housing Corp., 2701 Judah St.
Architect—Not Given. $5,000
(Application No 85325)

1-STORY FRAME DWELLINGS (3)
E. 31ST AVE. 25, 50, 75 N. ORTEGA.
Owner and Builder—United Housing Corp., 2701 Judah St.
Architect—Not Given. $5,000 each
(Application No 85322)

1-STORY FRAME DWELLING
W. 44TH AVE. 125 N. TARAVAL.
Owner and Builder — MacArthur Building Co., 3224 Judah St.
Architect—Not Given. $5,000
(Application No 85317)

1-STORY FRAME DWELLING
N. ORTEGA 95 E. 31ST AVE.
Owner and Builder—United Housing Corp., 2701 Judah St.
Architect—Not Given. $4,000
(Application No 85326)

1-STORY FRAME DWELLING
NE. 31ST AVE. AND ORTEGA.
Owner and Builder—United Housing Corp., 2701 Judah St.
Architect—Not Given. $4,000
(Application No 85321)

ALTER RESTAURANT
2430 27TH AVENUE.
Owner—Talton R. Craig, premises.
Builder—Tom Cuthberton, 430 Noriega.
Architect—Not Given. $3,000
(Application No 85316)

ALTER INDUSTRIAL BLDG.
986 HOWARD STREET.
Owner—Goodwill Industries, premises.
Builder—Tom Cuthbertson, 430 Noriega.
Architect—Not Given. $3,000
(Application No 85320)

ALTER STORE
NW. 25TH AVE. AND GEARY.
Owner—N. L. Waxman, 2101 Fillmore.
Builder—R. B. Hamill, 4124 Geary.
Architect—Not Given. $1,950
(Application No 85315)

ALTER DWELLING
3532 23RD STREET.
Owner—David A. Lagomarsino, 3540 23rd St.
Builder—Day Work.
Architect—Not Given. $1,500

ALTER BUILDING
1155-1175 HOWARD STREET.
Owner—California Building & Maintenance Co., 32 9th St.
Builder—Day Work.
Architect—Not Given. $1,000
(Application No 85344)

Building Permits, $1,000 and Under, Applied For

SAN FRANCISCO COUNTY

ALTER store, $500; 683 Mission St; owner, F Smith, premises; contractor, Wm Martin & Son, 666 Mission St.

ALTER dwelling and store, $750; 4162 24th St; owner, B A Heywood, 773 Pine St.

SIGN, electric, $700; 3901 Mission St; owner, Mission Pride Market, 3901 Mission St; contractor, Wonderlite Neon Prod Co, 1095 Folsom St.

ALTER residence, $500; 5 Wawona; owner, H C Hankel, premises.

ALTER DWELLING, $950; 1820 Clement; owner, Sadie Davis, 1818 Clement; builder, Jack Callaghan, 900 Clayton.

ALTER FLATS, $750; 791 24th Ave; owner, Mr O'Connor, 547 29th Ave; builder, Jack Callaghan, 900 Clayton.

ELECTRIC SIGN, $485; 1548 California; owner, Mr Montgomery, prem; builder, Brumfield Electric Sign Co, 965 Folsom St.

ELECTRIC SIGN, $465; 1500 Haight St; owner, Mr Holcombe, prem; builder, Brumfield Electric Sign Co, 965 Folsom St.

ALTER FLATS, $400; 1851-53 Mason St; owner and builder, Rose Criscl, 467 Chenery St.

ELECTRIC SIGN, $300; 199 O'Farrell St; owner, Gus Casereto, 199 O'Farrell St; builder, Brumfield Electric Sign Co, 965 Folsom St.

ALTER RESIDENCE, $140; 430 29th St; owner and builder, G A Faulk, premises.

BILLBOARDS (6), Buchanan W 50 N North Point, $45; N Irving bet 48th Ave and La Playa, $90; SE Irving and 44th Ave, $90; SW Lawton and 27th Ave, $135; SE 10th and Stevenson Sts, $45; NE 18th and Douglass Sts, $45; owner and builder, Foster & Kleiser Co, 1675 Eddy St.

Building Permits, $1,000 and Over, Applied For

ALAMEDA COUNTY

GARAGE
1995 UNIVERSITY AVE, BERKELEY.
Owner—W Lameroux, premises.
Contractor — B Reininghaus, 2144 Center Street.
Plans by H J Degenkolb. $15,000

DWELLING
400 KENTUCKY ST, BERKELEY.
Owner—J Gerlach.
Contractor—Henry Arian Constr Co, 4142 Geary Blvd, San Francisco.
Architect—C A Steiner, 2143 Eunice Street, Berkeley. $14,000

REPAIRS
3101 SHATTUCK AVE, BERKELEY.
Owner—Marin Branch, premises.
Contractor—Greg Studios, 441 High St, Oakland.
Architect—Not Given. $10,000

DWELLING
1540 ADA ST, BERKELEY.
Owner—M Curtin, 1738 Chestnut St.
Contractor — Howard MacLeod, 173 25th St, Richmond.
Architect—Not Given. $7,500

DWELLING
400 VERMONT ST, BERKELEY.
Owner—E De Long, 2101 Shattuck.
Contractor—H L Paige, 5651 Oak Grove Ave, Oakland.
Architect—Paul Hammarberg, No 2 Norwood Ave, Berkeley. $7,400

DWELLING, 5-room
1444 ALCATRAZ AVE, BERKELEY.
Owner and Builder—Wm F Dunmore, 1426 Alcatraz.
Architect—Not Given. $5,000

ALTERATIONS
1995 UNIVERSITY Ave, BERKELEY.
Owner—W Lameroux, 1995 University Avenue.
Contractor — B Reininghaus, 2144 Center Street.
Architect—Not Given. $5,000

REPAIRS
2503 SHATTUCK AVE, BERKELEY
Owner and Contractor—L N Miller, 2503 Shattuck Ave.
Architect—Not Given. $1,500

GARAGE
400 VERMONT ST, BERKELEY.
Owner— E R Long, 2101 Shattuck.
Contractor—H L Paige, 5651 Oak Grove Ave, Oakland.
Architect—Paul Hammarberg, No 2 Norwod Ave, Berkeley. $1,100

ALTERATIONS
2901 CLAREMONT, BERKELEY.
Owner—W F Morrish, 1759 Spruce.
Contractor—W F Fletcher Constr Co 1255 East Shore Highway.
Architect—Not Given. $1,000

ALTERATIONS
2290 TELEGRAPH Ave, BERKELEY
Lessee—Vaughn, 2290 Telegraph Ave.
Contractor—B S MacIntyre, 589 Jean St, Oakland.
Architect—Not Given. $1,000

ALTERATIONS
2436 DURANT, BERKELEY.
Owner—H T Austin, 2421 Durant.
Contractor—Wendt Constr Co, 810 Page St.
Architect—John Funk, 21 Columbus Ave, San Francisco. $1,000

ALTERATIONS
1611 PRINCE ST, BERKELEY.
Owner and Contractor—Wm Winchester, 1611 Prince.
Architect—Not Given. $1,000

STORE, 2-story brick
2077 BROADWAY, OAKLAND
Owner—Lewis & Lewis, premises.
Contractor—C M Thrams, 1100 Sixth Avenue.
Architect—Wm E Schirmer, Broadway Bldg. $90,000

STORAGE BLDG, 1-story
3270 LAKESHORE AVE, OAKLAND
Owner—J O Edy, premises.
Contractor—Willis F Lynn, 1040 Folger Bldg, Berkeley.
Architects—Miller & Warnecke, Financial Center Bldg. $15,000

GARAGE, 1-story brick
1207 44th AVENUE, OAKLAND.
Owner—Roy E Daughters, premises.
Contractor—H L Risdon & Sons, 5977 Majestic Ave.
Architect—I M Johnson, 449 MacArthur Blvd West. $8,000

ADDITION, 1-story concrete
5101 TELEGRAPH Ave, OAKLAND.
Owner and Builder—Frank W Cross, premises.
Architect—Not Given. $5,750
Service station, 1-story steel, $3500

PERMITS UNDER $1,000

ALAMEDA COUNTY

BERKELEY

ALTER, $600; 3044 Sacramento; owner and contractor, E A Britton, 1343 Carrison.

ALTER, $500; 1227 Peralta; owner and contractor, Geo Y Evans, 1227 Peralta.

ADDN, $425; 1705 Bevena; owner and builder, John Jugenheimer, 1705 Bevena.

ROOFING, $400; 2015 Channing Way owner, N E Gerom, prem; contractor, Evertite Rfg, 2309 Milvia.

ROOFING, $352; 2007 Parker; owner, L A Steel, prem; contractor, J S Morris, 2015 Blake St.

ALTER, $350; 1600 La Loma; owner, Rennell, premises; contractor, Herbert Hawkins, 2429 Hillegass.

ALTER, $300; 1315 1315 2nd St; owner and contractor, R W Van Deusen, 1315 Second St.

ROOFING, $325; 1614 Tyler; owner, C Yano, prem; contractor, Sears-Roebuck, 2633 Telegraph.

ROOFING, $260; 7 San Mateo Road; owner, C M Kreiger, prem; contractor, Sun Rfg Co, 4016 East 14th St, Oakland.

ROOFING, $220; 2016 Delaware St; owner, L H Walker, prem; contractor, Sears, Roebuck, 2633 Telegraph Ave.

ROOFING, $180; 2630 Haste; owner. Finley, prem; contractor, E Rosenquist, 1361 Santa Fe Ave.

ROOFING, $180; 1635 10th St; owner, Ralph Casta, prem; contractor, New Art Rfg Co, 1307 Fruitvale Ave, Oakland.

ROOFING, $176; 1196 Carrison; owner, Fall, prem.; contractor, United Roofers & Bldrs, 5922 Telegraph.

ROOFING (4), 939 Shattuck, $40, owner, S H Kirkland, prem; 2630 Dana, $282, owner, J B Waldraw, prem; 1526 Blake St, $216, owner, D P McDonald, prem; 2817 Stanton, $134, owner, Earl E Hunt, 2817 Stanton; contractor on all Dillon Rfg Co, 5212 San Pablo Avenue.

OAKLAND

ALTERATIONS, $900; 5433 Grove St; owner, Ed Brazil, prem; contractor, John Militello, 5825 Fremont Street.

GARAGE, 1-story, $650; 3025 62nd Ave; wner, Harry Davis, premises; contractor, James A Ganley, 855 Midway Ave, San Leandro.

ADDITION, $600; 5471 Cole Street; owner and builder, D O Flagg, 5471 Cole St.

WRECK two-story bldg, $500; 2027 Webster St; owner and contractor S I Garbatenko, 3655 Broderick St, San Francisco.

ADDN, $492; 1410 9th St; owner and builder, Essie Lomax, 2028 Linden Street.

SHED, 1-story, $450; 1639 83rd Ave; owner and builder, Hazel Penner, 1639 83rd Ave.

OFFICE, 1-story, $250; 7520 E 14th St; owner and contractor, Hunter & Ramdell, 7508 E 14th St.

SIGN, electric, $150; 7326 E 14th St; owner, T & W Cleaners, premises; contractor, C L Cole, 1610 E 14th St.

SIGN, electric, $125; 3523 38th Ave; owner, C C Cunningham, premises; contractor, C L Cole, 1610 E 14th.

REPAIR sidewalk, $125; 3060 Broadway; owner, Tire Supply Co, prem; contractor, Phoenix-Simpton Co, 520 6th St, San Francisco.

ADDITION, $100; 8533 Olive Street; owner and builder, Herman Stovell, premises.

WRECK 1-story bldg, $100; 509 Union St; owner and wrecker, Carroll Wrecking Co, 1344 San Pablo Ave, El Cerrito.

WRECK 1-story duplex, $100; 503-05 Union St; owner and wrecker, Carroll Wrecking Co, 1344 San Pablo Ave, El Cerrito.

ALTER and repair, $50; 4206 Aqua Vista St; owner and contractor, S Pires, 5300 Holland St.

PALO ALTO

ALTER RESIDENCE, $400; 777 Seale Ave; owner, J E Abraham, prem; builder, Aro & Okerman, Box 433, Palo Alto.

GARAGE, $250; 214 Addison Ave; owner and builder, C & P Lunbard, premises.

RESIDENCE AND GARAGE, $10,750; 1350 Greenwood Ave; owner and builder, Schmaling & Stenbit, 924 Emerson Ave.

RESIDENCE AND GARAGE, $10,700; 1330 Greenwood Ave; owner and builder, Schmaling & Stenbit, 924 Emerson St.

RESIDENCE AND GARAGE, $10,500; 1340 Greenwood Ave; owner and builder, Schmaling & Stenbit, 924 Emerson St.

RESIDENGE AND GARAGE, $10,500; 1320 Greenwood Ave; owner and builder, Schmaling & Stenbit, 924 Emerson St.

RESIDENGE AND GARAGE, $10,450; 1310 Greenwood Ave; owner, G C Atkins, Berkeley; builder, C O Harris, 395 Bailey Ave, Mt. View.

RESIDENCE AND GARAGE, $7950; 2645 Waverley St; owner, George Robinson, 628 Waverley St; builder, Louis Anderson, 156 University Dr, Menlo Park.

REPAIR RESIDENCE, $2000; 619 Fulton St; owner, Chris Christiansen, prem; builder, W P Goodenough, 49 Wells Ave.

ADD TO BUILDING, $500; 3409 El Camino Real; owners, John and Helen Lundt.

FRESNO

STORE, $25,000; 1437 Fulton; owner, Aran Saroyan; builder, L H Hansen & Sons.

GARAGE, $13,000; 916 N St; owner, Medaris & Lehman; builder, Ericson & House.

ADD TO STORE, $12,000; 824 Divisadero; owner, John Bros; builder, J T Cowan.

DWELLINGS AND GARAGES, $5000 each; 734 W Lamona, 733 W Floradora; owner, Roy J Gustafson.

DWELLING, $2000; 323 Stanislaus; owner, Chester Le Blanc.

ADD TO DWELLING, $1500; 1915 Harrison; owner, Harry Learn.

DWELLING, $1000; 2729 Church; owner, J D Burris.

ALTER OUTBUILDING, $1000; 2635 Harvey; owner, Mrs E D Robinson.

ALTER DWELLING, $1000; 128 Yosemite; owner, Ben Drenth.

ALTER SCHOOL, $600; 2400 Kern; owner, Fresno City School.

REPAIR DWELLING, $500; 2144 Kirk; owner, Dick Rudolph.

ALTER APARTMENT AND GARAGE, $400; 615 N Fresno; owner, Gussie Jones.

REPAIR DWELLING, $300; 1142 Princeton; owner, F L Holley.

ALTER DWELLING, $125; 732 Dennett; owner, Lee Tipton.

ALTER STORE, $100; 817 Broadway; owner, Nick's Furniture; builder, J W Jolly.

ALTER DWELLING, $50; 2320 Webster; owner, Leo Morro.

BURLINGAME

APARTMENT BUILDING, $25,000; Lot 11, Block 2, Chula Vista; owner and builder, E W Latimer, 1220 Bernal Ave.

APARTMENT BUILDING, $25,000; Lot 10, Block 2, Chula Vista; owner and builder, E W Latimer, 1220 Bernal Ave.

STORE BUILDING, $20,000; Lot 17, Block 14, Broadway; owner, E Podesta; builder, G W Williams Co, 10 California Dr.

RESIDENCE, $16,000; California Dr; owner and builder, Than Gessu.

RESIDENCE, $13,000; Lot 1, Block 14, Clarendon and Dwight; owner, P Venerdi; builder, Custom Bilt Homes.

RESIDENCE, $7000; Lot 31, Block 50; owner, Alexander Danart; builder, George Bendon.

RESIDENCE, $8000; Lot 2, Block 43, Drake Ave; owner, Geo M Angles; builder, Dean H Pratt, 433 W Ellsworth Court, San Mateo.

RESIDENCE, $8000; Lot 18, Block 1, Elm Ave; owner, Alexander Damarn; builder, Geo Benden, 2195 32nd Ave, San Francisco.

RESIDENCE, $7000; Lot 20, Block 21, Channing; owner and builder, Dean H Pratt, 433 W Ellsworth Court, San Mateo.

RESIDENCE, $6000; Lot 17, Block 2, Albunarh; owner and builder, Dean H Pratt, 433 W Ellsworth Court, San Mateo.

RESIDENCE, $6000; Lot 40, Block 19, Lexington; owner and builder, Dean HPratt, 433 Ellsworth Court, San Mateo.

RESIDENCE, $6000; Lot 39, Block 19, Lexington; owner and builder, Dean H Pratt, 433 W Ellsworth Court, San Mateo.

ALTER STORE BUILDING, $5000; 1348 Burlingame Ave; owner, Edison Bros Store, Inc; builder, Mullen Manufacturing Co.

ALTERATIONS AND ADDITION, $2000; 1115 Burlingame Ave; owner, D Hoag; builder, Wellnitz & Denarde, 2207 San Bruno Ave, San Francisco.

ALTERATIONS, $1500; Oxford; owners, Mr and Mrs Gilbert Cheney; builder, Chas J Pedersen, 333 Occidental Ave.

ALTER AND REPAIR, $1000; 1224 Vancouver; owner, V W Davis; builder, Geo A Cole, 1300 Edgehill Dr.

GARAGE, $500; 734 Linden; owner and builder, Geo Angus.

ALTER RESIDENCE, $200; 1444 El Camino Real; owner and builder, F Ray Shuter.

SAN MATEO

APARTMENT BUILDING, $30,000; Lots 6 and 7, Block 2, 6th Ave; owner, Geo Benoit; builder, Ward Tucker, 816 4th Ave.

SHOP BUILDING AND WAREHOUSE, $30,000; 2301 Palm Ave; owner and builder, Macnsons, 151 Tehama St, San Francisco.

DWELLING AND GARAGE, $20,000; 491 Parrott Dr; owner and builder, Herman Christensen, 1399 21st Ave, San Francisco.

STORE AND DWELLING, $18,000; 2287-91 S El Camino Real; owners, Mr and Mrs. Ferreira; builder, Cattarl Bros & Stevenson.

DWELLING, $16,000; 336 Aragon Blvd; owners Mr and Mrs Richard Bagley; builder, Cecil May-Merrill Construction Co.

DWELLING, $15,000; 333 Georgetown; owner, Richmond Lowell Co; builder, Geo H Dunlop.

DWELLING, $13,000; 614 Nevada; owner and builder, H Shapiro.

DWELLING, $13,000; 624 Nevada; owner and builder, H Shapiro.

DWELLING, $11,000; 291 Crystal Springs; owner, L H Berk; builder, B Wicklander.

DUPLEX, $11,000; 37-39 Grand Blvd; owner, M H Chapman; builder, E R Chenier, 119 S Claremont.

DWELLING, $10,000; 125 29th Ave; owner and builder, M F Connell.

DWELLING, $10,000; 129 29th Ave; owner and builder, M F Connell.

STORE, $10,000; 18-20 Berl St; owner, O C Rochlage; builder, Earl W Hartnig, 128 Aragon Blvd.

DWELLING, $9000; 531 Carmel; owner, E D Knochell; builder, J B Oswald Building Co, 527 Carmel Circle.

DWELLING, $9000; 315 29th Ave; owner, Ester Haggstad; builder, Wilklander.

DWELLING, $8500; 3005 Delmonte; owners, A G and Lois R Wade; builder, Peninsula Home Builders.

DWELLING, $8000; 605 30th Ave; owner and builder, Donald McLeod.

DWELLING, $8000; 3908 Donner St; owner and builder, Bert Williams.

DWELLING, $8000; 3902 Donner St; owner and builder, Bert Williams.

DWELLING, $7500; 602 30th Ave; owners, Mr and Mrs G A Puppert; builder, Sjoberg & Sjoberg.

DWELLING, $7000; 670 30th Ave; owners, Chester B and Jean Freeman; builder, Peninsula Home Builders.

DWELLING, $7000; 3815 Edison; owner and builder, H H MacDonald, 2521 S El Camino Real.

DWELLING, $7000; 3809 Edison; owner and builder, H H MacDonald.

DWELLING, $7000; 165 38th; owner and builder, H H MacDonald.

DWELLING, $7000; 159 38th Ave; owner and builder, H H MacDonald.

DWELLING, $7000; 163 38th Ave; owner and builder, H H MacDonald.

DWELLING, $7000; Lot 6, Block 29, Del Ray; owner and builder, Hardican Construction Co, Inc.

DWELLING, $7000; 908 27th Ave; owners, Mr and Mrs L D Myles; builder, Sjoberg & Sjoberg.

DWELLING, $7000; 712 30th Ave; owner and builder, Edwin Swanson, Inc.

DWELLING, $6500; 854 22nd Ave; owner, Charles E Smith; builder, Robert Smith.

DWELLING, $6000; 720 30th Ave; owner and builder, Edwin Swanson, Inc.

ALTER DWELLING, $2000; 617 Dorchester; owners Mr and Mrs. Erickson; builder, J Harris, 315 Ranelagh Rd.

OFFICE, $1000; 859 San Mateo Dr; owner and builder, D D Bohannon, 859 San Mateo Dr.

ACCESSORY, $675; 500 Warren Rd; owner, H F Davis; builder, L E Reighley, 936 S Fremont St.

ALTER DWELLING, $500; 803 S Grant; owner and builder, Thomas Mayron.

TOOL HOUSE, $350; 933 E Grant Place; owner and builder, Anthony J Asspulg.

CHICKEN HOUSE, $75; 2087 Isabelle; owner and builder, J B Swan.

Building Permits, $500.00 and Over, Issued by the Board of Public Works
SAN FRANCISCO COUNTY

JANUARY 16, 1946

3768-78 24th St. Alter store. Cost, $1000. Owner, Mrs F M Cassou.

Army and Potrero N line Andrews St 30 E of Potrero. Alter advertising signs. Cost, $3000. Owner, Foster & Kleiser Co.

1021 Harrison St. Alter store. Cost, $3000. Owner, E E Jost.

3349 23rd St. Alter fountain lunch. Cost, $950. Owner, Gladys Weber and Belle Coates.

153 Kearny St. (2nd floor). Alter offices. Cost, $10,000. Owner, Sherman, Clay & Co.

88 West Clay Park. Alterations. Cost, $12,500. Owners, Mr and Mrs Roret.

NW Ocean Ave and Lagunitas. 1-story frame building. Cost, $16,000. Owner, Harry Grossman.

N line Fitzgerald Ave 250 Bayshore Blvd. 2-story frame building. Cost, $7500. Owner, Nello Georgi.

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

CHURCH BLDG, wood and frame stucco.
S MARKET 105 W Church St.
Owner—Open Bible Church Corp.
Architect—Not Given.
Contractor—Erbentraut & Summers, 446 Sixth Street.
TOTAL COST, $43,344
Plans filed January 7, 1946.

Furnace Permits

OAKLAND

2851 Modesto; owner, Johnston; dealer, Holland Co; floor furnace.

4509 Moraga Rd; owner, Nicols; dealer, Durant; floor furnace.

1251 75th Ave; owner, Santos; dealer, Scott Co; floor.

2042 High Street; owner, Kahlen; dealer, Lawless; floor.

4057 Mera St; owner, Bos; dealer, Holland Co; floor.

3015 Eastman; owner, Scott; dealer, Holland Co; floor.

2126 High St; owner, Shepperd; dealer, Holland Co; floor furnace.

1305 54th Ave; owner, Denton; dealer, Holland Co; floor.

117 Marlow Dr; owner, Bevelaqua; dealer, L F Witharm; floor.

111 Marlow Dr; owner, Bevelaqua; dealer, L F Witharm; floor.

119 Marlow Dr; owner, Bevelaqua; dealer, L F Witharm; floor.

1829 MacArthur; owner, Grace; dealer, Gernhardt-Strohmaier; floor.

2500 64th Ave; owner, Souza; dealer, Wm Souza; floor.

Completion Notices

SAN FRANCISCO COUNTY

Recorded Accepted
Jan. 14, 1946—Alterations 8oth floor 417 Montgomery. General Petroleum Corp of California to Joseph Barnes.......Jan. 18, 1946

MARIN COUNTY

Jan. 10, 1946—San Anselmo. A R Roumiguire to whom it may concern.......Jan. 4, 1946

Jan. 8, 1946—Mill Valley. Joseph N Nathanson to Herbert A Crocker & Co.......Dec. 27, 1945

SANTA CLARA COUNTY

Recorded Accepted
Jan 10, 1946—Cen line PARR Ave SW 106.38 ft E of lot 7, being ptn Lot 7 of W J Parr Subdiv. Walter C Garrison, Campbell, to whom it may concern.......January 2, 1946

Jan 10, 1946—LOT 1 Blk 3, American City Sub. Arthur L and Mary E Trafford, 1261 San Fernando St, to whom it may concern.......January 10, 1946

Jan 11, 1946—PTN LOTS 10 and 11 Blk 140, Tract No 37, Embarcadero Oaks No 2. Ida M Svihra, 1861 Guinda St, Palo Alto, to Nelson M Welbanks.......January 4, 1946

Jan 11, 1946—LOT 4 Blk 47 and ptn Universiay Ave, Map of University Grounds. Nelson D and Ethlyne E Bruce, 490 University Ave, San Jose to whom it may concern.......January 11, 1946

Jan 12, 1946—1182 CLARK WAY, San Jose. Ilse Kelso, Campbell to B H Painter.......January 11, 1946

Jan 12, 1946—LOT 3 BLK 140, Tr No 37, Embarcadero Oaks No 2. James Blackman, c/o Merritts Beauty Shop, Palo Alto, to H W Welner.......January 3, 1946

Jan 12, 1946—PTN LOTS 10 and 11, Curtner Tract. John L Norton, San Jose, to whom it may concern.......January 10, 1946

Jan 12, 1946—LOT 18 Blk 2, John R Chaces Garden Villa Lots. Alva T Friend to H J Wiens.......January 2, 1946

CONTRA COSTA COUNTY

Recorded Accepted
Dec 28, 1945—PTN LOT 82, map of Sectionization Rancho Laguna de los Palos Colorados, Orinda. Seaver A Ballard to The Strang Co.......December 20, 1945

Dec 29, 1945—LOTS 16 and 17 Blk 8 Walls Harbor Center Tract Richmond. Jack L Butler to Anton Dybdahl.......December 21, 1945

Dec 31, 1945—PTN LOT 6, Blk 7, Boulevard Gardens, El Cerrito. Stuart D Loe to H L Crocker, Jr & Co.......December 22, 1945

Jan 3, 1946—LOTS 102 and 103, Lafayette Oaks, near Lafayette. Clair C Gaines to W E Boyd.......January 2, 1946

Jan 3, 1946—PPTY on RAILROAD Ave (metes and bounds descrip) Pittsburg. Raymond C Stanton to whom it may concern.......December 28, 1945

Jan 5, '46—LOT 108, Moraga Woodlands, Unit No 2, Orinda. Curley A Wright to Peter Sleber.......January 5, 1946

Jan 7, 1946—PARCEL of land nr Concord (metes and bounds desc) T H Nicklaus, et al to whom it may concern.......January 2, 1946

Jan 9, 1946—LOT 18 and ptn Lot 19, Glenside Estates, Lafayette; ptn Lots 37, 38, 39 and 40 Blk 4, Lafayette Homesites, Lafayette. Henry H Andrews to Self.......January 2, 1946

Jan 10, 1946—LOT 2 Blk 2, Lafayette Homesites, Lafayette. H H Andrews to Self.......January 2, 1946

Jan 11, 1946—PTN LOT 1 Blk 19, ptn Lot 2 Blk 5, Boulevard Gardens, El Cerrito. Earl W Smith to whom it may concern.......January 10, 1946

Jan 12, 1946—LOT 289, Rodeo Vista, Unit No 3, Rodeo. Stephen Bonovich to E F Gomez.......January 9, 1946

Jan 14, 1946—E 23rd ST 125 N of Broadway, San Pablo. Frank A Gatto to The John J Moore Co.......January 12, 1946

MARIN COUNTY

Recorded Accepted
Jan 12, 1945—MILL VALLEY. Marin Capital Co to Goheen Constr Company.......January 10, 1946

Jan 15, 1946—SAN ANSELMO. Roman Catholic Archbishop of San Francisco to A Von Rotz.......December 19, 1945

Release of Liens

CONTRA COSTA COUNTY

Recorded Amount
Jan 7, 1946—LOT 15 Blk 21, Condon Addn, Martinez. F R Bazlnette to Charles Lipari.......$1,280.70

Liens Filed

CONTRA COSTA COUNTY

Recorded Amount
Jan 10, 1946—PTN RANCHO Acalanes, cntg 3.07 acres, near Lafayette. Lewis Constr Co vs Ogden Kiesel, et al.......$5,873.86

Non-Responsibility

SAN FRANCISCO COUNTY

Jan 15, 1946—NE GOLDEN GATE Ave and Taylor Sts, known as 986 Market St. Market & Taylor Bldg Co as to improvements on property.

CONTRA COSTA COUNTY

Jan 11, 1946—BEG INTER SAN Pablo Ave and 23rd St, 90 ft S of 23rd St and beg at 23rd and San Pablo, th 60 ft south on San Pablo Ave, San Pablo. Gladys Figueiredo and Mary Thelma Regello as to improvements on property.

Electrical Permits

SAN FRANCISCO COUNTY

7599 136 7th St; owner, ...; contractor, Ethel Gobey; service.

7600 937 Geary; owner, Presidents Room (Bar); contractor, W H Kirsten; 1 plug.

7601 220 9th St; owner, Wells Mfg Co; contractor, W H Kirsten; 2 outlets; 1 switch; 2 plugs; 4 motors.

7602 499 29th St; owner, M Sheehan; contractor, oPrter Electric Co; 3 plugs.

7603 9th Ave and Geary; owner, P T & T Co; contractor, L R Moser; 64 outlets

7604 445 Bush St; owner, P T & T Co; contractor, L Ray Moser; 48 outlets.

7605 NW 37th Ave and Noriega; owner, Baptist Church; contractor, Strom & Smith; 25 outlets; 7 plugs; 4 switches.

7606 NW 37th Ave and Noriega; owner, Baptist Church; contractor, Strom & Smith; 25 outlets; 7 plugs; 4 switches.

7607 E Arguello Blvd 53 S Clay; owner, Rousseau; contractor Strom & Smith; service.

7608 Fitzgerald Ave; owner, N E Johnson; contractor, Strom & Smith; service.

7609 E 35th Ave 225 N Kirkham; owner, G E Carlson; contractor, Strom & Smith; service.

7610 2310 17th St; owner, ...; contractor, Hampton Elec Co; 1 motor.

7611 529 Commercial St; owner, Ted Curle; contractor, Hampton El Co; 2 motors.

7612 180 12th St; owner, California Body Works; contractor, Hampton Elec Co; 2 motors.

7613 Valencia and McCoppin Sts; owner, Salvation Army; contractor, ...; 32 outlets; 5 switches; 10 pl.

7614 70 Berry Street; owner, J A Raisin Corp; contractor, Stone-Ryals Elec & Mfg Co; 10 motors; 6 pl.

7615 3165 Steiner Street; owner, Mauna Low Tavern; contractor, Central Elec Co; plugs.

7616 5163 Mission Street; owner, Tony's Tavern; contractor, Central Elec Co; 2 plugs.

7617 N Randolph 180 W Vernon; owner, A Nelson; contractor, T B Tattenham; 1 motor.

7618 3036 16th St; owner, Henry's Lunch; contractor, J K Herzog El Co; 1 motor

7619 986 Market St; owner, ...; contractor, Eureka Elec Co; 10 outlets; 4 switches.

7620 2258 Market St; owner, Porta; contractor, Chas A Langlais Co; 7 outlets; 3 switches; 6 plugs.

7621 1497 Valencia St; owner, Peterson; contractor, Star Electric Co; service.

7622 912 Shotwell St; owner, Ricci & Kruse; contractor, Star Elec Co; 4 outlets; 3 switches; 3 plugs.

7623 2548 San Bruno Ave; owner, Seating; contractor, Star Elec Co; 2 outlets; 2 switches; 8 plugs; serv.

7624 4215 26th St; owner, Shield; contractor, Star Elec Co; service; 1 switch.

7625 24th and Utah Streets; owner, C & C of S F; contractor, Dept of Public Works; 3 outlets; 1 switch.

7626 2750 Balboa St; owner, Tip Top Lunch; contractor, W B Baker; service; 1 motor.

7627 310 Jessie St; owner, Susikorof; contractor, Victor Lemoge; 4 outlets; 1 switch; service; 4 motors.

7628 315 California Street; owner, Globe Wireless; contractor, California Elec Constr Co; 12 outlets; 8 pl.

7629 1574 15th St; owner, Jos Bloomfield; contractor, Dowd-Seid Elec Co; alterations.

7630 420 Gurrero St; owner, Dan McCarthy; contractor, Dowd-Seid Elec Co; 4 outlets; 2 switches.

7631 30 Mason St; owner, McCann; contractor, Dowd-Seid Elec; alterations.

7632 1228 Sutter St; owner, Fern Club; contractor, Eureka Elec Co; 1 plug; service; alterations.

7633 E 31st Ave and Ortega St; owner, United; contractor, Richmond Elec Co; service.

7634 E 22nd Ave 150 S Lawton; owner, United; contractor, Richmond Elec Co; service.

OAKLAND

34786 823 5th Ave; owner, Mulcahay; contractor, Spott Electrical; 1 outlet; 2 switches; 1 plug.

34787 2942 Mountain Blvd; owner, Lundberg; contractor, Spott Electrical; outlets; switches; fixtures; plugs

34788 1430 8th Ave; owner, Berkeley; contractor, R J Peterson; service.

34789 1300 E 14th St; owner, Andy; contractor, R J Peterson; 7 fixtures.

34790 1076 5th St; owner, Bay City Cabinet Co; contractor, Scott-Buttner Electric; motors.

34791 3250 Lakeshore Ave (Bldg A); owner, Willis F Lynn; contractor, Scott-Buttner Electric; outlets; switches; fixtures; plugs.

34792 805 Broadway; owner, Coney Island Restaurant; contractor, Scott-Buttner Electric; sign.

34793 3250 Lakeshore (Bldg B); owner, Willis F Lynn; contractor, Scott-Buttner Electric Co; outlets; switches; fixtures; plugs.

34794 336 15th St; owner, Tompson Realty Co; contractor, C A Langlais; 2 fixtures.

34795 330 15th St (upstairs); owner, Tompson Realty Co; contratcor, C A Langlais; 6 fixtures.

34796 1532 San Pablo; owner, Blue Bird Beauty Shop; contractor, C A Langlais; 4 fixtures.

34797 301 E 12th St; owner, Spot Liquor Store; contractor, C A Langlais; 2 fixtures.

34798 717 Market St; owner, Star Theater; contractor, Matson Electrical; motors.

34799 414 MacArthur Blvd West; owner, Becker; contractor, Goss Electric; 3 outlets; 3 fixtures; 1 plug.

34800 2822 Grove St; owner, Brownell; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs; alterations.

34801 3734 E 14th St; owner, Fruitvale Photo Studio; contractor, James Anderson; plugs.

34802 4233 Coolidge; owner, Maxwell; contractor, Clifford Electric Co; outlets; switches; fixtures; plugs.

34803 9427 MacArthur Blvd; owner, Drinkward; contractor, T L Rosenberg Co; outlets; switches; fixtures; plugs.

34804 3057 35th Ave; owner, Capers; contractor, Shea Electric Co; alterations.

34805 5921 Johnston Dr; owner, Sorensen; contractor, P A Jones; 18 outlets; 20 switches; 18 fixtures; 23 plugs.

34806 1504 Adeline St; owner, Terrell; contractor, T C Moody; 4 outlets; 1 switch; 4 fixtures.

34807 1007 16th St; owner, Wilkerson; contractor, T C Moody; 4 outlets; 2 switches; 4 fixtures; 1 plug.

34808 3330 Telegraph Ave; owner, Stolte, Inc; contractor, Del Monte Electric Co; outlets; switches; fixtures; plugs.

34809 Fleming and Birdsall; owner, Stolte, Inc; contractor, Del Monte Electric Co; outlets; switches; fixtures; plugs.

34810 4100 39th Ave; owner, Dambecher; contratcor, Del Monte Electric Co; alterations.

34811 4709 Davenport; owner, Wiggins & Marsh; contractor, Baylis Lighting Fixture Co; 13 fixtures.

34812 4715 Davenport Ave; owner, Wiggins & Marsh; contractor, Baylis Lighting Fixture Co; 13 fixtures.

34813 4244 E 12th St; owner, Production Pattern Shop; contractor, Cooper Electric Co; 30 outlets; 30 plugs.

34814 6394 Brookside; owner, W Chandler; contractor, special owner; 5 outlets; 5 fixtures.

34815 2810 Harrison; owner, Payne; contractor, Paramount Electric Co; fixtures; alterations.

34816 4700 Grove St; owner, Diamond Dairy; contractor, Paramount Electric Co; alterations.

34817 NE Broadway and 38th St; owner and contractor, Foster & Kleiser; 6 outlets; 1 switch; 6 fixtures.

34818 4366 Broadway; owner, Chris' Hot Dogs; contractor, Getz Sign Co; sign.

34819 9414 E 14th St; owner, Peacock Club; contractor, Getz Sign Co; sign.

34820 3104 School St; owner, Hewitt Radio; contractor, Getz Sign Co; strvice.

34821 2924 MacArthur Blvd; owner, Van Spraken; contractor, James Anderson; 6 fixtures; 4 plugs.

34822 396 49th St; owner, Simmons; contractor, Flagler Electric; service.

34823 142 E 12th St; owner, Olympic Hotel; contractor, Matson Electric Co; motors.

34824 Seminary and MacArthur Blvd; owner, Service Station; contractor, Matson Electrical; motors.

34825 543 Athol; owner, Doe; contractor, Matson Electrical; alterations.

34826 322 Lewis; owner, Machine Shop; contractor, Matson Electrical; alterations.

34827 1730 Broadway; owner, West Coast Theater; contractor, Matson Electrical; alterations.

34828 1061 Broadway; owner, Snow White Hamburger; contractor, Matson Electrical; alterations.

34829 4020 Piedmont Ave; owner, Hagstrom; contractor, Matson Electrical; alterations.

34830 103rd Ave and E 14th St; owner, Nicholson; contractor, Del Monte Electric Co; 60 outlets; 30 switches; 60 fixtures; 50 plugs.

34831 680 14th St; owner, Scott; contractor, Collins Electric; fixtures.

34832 1963 E 38th St; owner, Duncan; contractor, Collins Electric Co; outlets; switches; fixtures; plugs.

34833 6318 E 14th St; owner Thorne; contractor, Collins Electric Co; outlets; switches; fixtures; plugs.

34834 6256 Harmon; owner, Pietna; contractor, Collins Electric; service.

BERKELEY

52 2237 Byron; owner, ...; contractor, Roberts Lighting; 2 plugs.

53 3202 College; owner, Marga's Dress Shop; contractor, Havens and Wade; 5 outlets; 1 switch; 1 plug; 1 circuit.

54 2705 College; owner, R L Teld Kirchner; contractor, Pacific Elec & Mech Co; 4 switches; 1 plug.

55 2701 College; owner, Derby Food Center; contractor, Pacific Elec & Mech; 1 outlet; 10 fixtures; 2 pl.

EMPLOYMENT SERVICE

For further information regarding positions listed under this classification address Newton D. Cook, Manager, Engineering Societies' Personnel Service, 57 Post St., San Francisco.

DRAFTSMAN, exper. detailer on structl. steel and plate work, machinery. Salary $350 mo., 48-hour week. San Francisco. S-499. Newton D. Cook, 57 Post St., San Francisco.

SALES ENGINEER, exper. in food and beverage processing and packaging, for established agency. Salary open. San Francisco. S-494. Newton D. Cook, 57 Post St., San Francisco.

MECHL. DRAFTSMAN, exper. on conveyor layout and details. Salary $300-$350 mo. San Francisco. S-487. Newton D. Cook, 57 Post St., San Francisco.

MECHL. ENGINEER, with good power plant exper. for estimating, laying out and supervising installations. Perm. Salary $350 mo. plus bonus. San Francisco. S-498. Newton D. Cook, 57 Post St., San Francisco.

Classified Advertising

WANTED

FIRST-CLASS ARCHITECTURAL DRAFTSMAN. Salary to suit. Call HIgate 6449.
1/16-17-18-21-22/46

CONSTRUCTION SUPERINTENDENT for permanent position with construction company on the Peninsula. Nichols White, Inc., 156 University Ave., Palo Alto. Phone Palo Alto 7876 or 6827. 1/16-17-18/46

BLDG. CONSTr. SUPT., good future. State experience and references. Reply Box 16, c/o Daily Pacific Builder. tf

SENIOR DRAFTSMAN for permanent position in architectural office located on the Monterey Peninsula. Contact C. J. Ryland by phone at Carmel 404 or write P. O. Box 847, Monterey. 1/14-15-16-17-18-21, 46

Experienced architectural DRAFTSMAN out of city. If interested, housing available. Mayo & Johnson, 307 Exchange Bldg., Stockton. Phone Stockton 9-9359.

POSITION WANTED

VET.—POWDERMAN—desires position with reliable company as ADVISER, ESTIMATOR or MECHANIC. 10 years' experience. Water, hard rock, excavation, operate jackhammer, wagon drill and cable tool rig. Write Bill De Maupassant, 8 Wildwood Ave., Oakland, Calif.
1/16-17-18/46

ENGINEER—steam—experienced—age 32, desires position as plant operator. Reply Box 115, c/o Daily Pacific Builder. to Jan. 18, '46

Young man desires SALES POSITION with organization handling line of BUILDING MATERIALS. College background, alert, aggressive, neat appearing. Contact Warren S. Michael, BA. 9469, or address reply 175 18th Ave., S. F. 18.

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Engineering

Fifty-sixth Year—Vol. 56— No. 13 SAN FRANCISCO, FRIDAY, JANUARY 18, 1946 PRICE 15 CENTS PER COPY

CALIFORNIA
LIBRARY

PLANS and Speculations

School improvements bonds totaling $1,382,00 were authorized by overwhelming vote in special elections in the Hayward High School, Hayward Elementary, San Lorenzo Elementary and Castro Valley Elementary school districts; a proposal for the establishment of a junior college was defeated in a special election in six CONTRA COSTA High School districts.

oOo

Shirley Olympus, former business manager of the Merced Sun-Star, has resigned his newspaper post to take over public relations activities of the Halton Tractor Company of MERCED. . . Wm. H. Decker and Nunzio Volanti of Fresno have entered partnership agreement for the formation of their Contractors' Equipment and Supply Company in FRESNO.

oOo

Western headquarters for the La Plante - Choate Manufacturing Co., Inc., national road building equipment concern, will be established by February 1, at 344 Davis St., SAN LEANDRO, where the company has leased 20,000 feet of industrial property from the Par Soap Company. . . Stanley Capuder and Erwin Peterson of Grass Valley have opened the Nevada County Brick and Tile Company, at 532 Butler St., GRASS VALLEY.

oOo

Purchase of the six-story and basement building on Battery St., SAN FRANCISCO, adjoining the Dollar Building, was announced by the Robert Dollar Company. The building will be returned to service as a public garage as soon as the Marine Corps releases it. . . The old Jim Rolph homestead on Guerrero Street, SAN FRANCISCO, is being leveled to make way for six residential flats. The land is now owned by Robt. Scharetg.

oOo

OAKLAND City Manager Chas. R. Schwanenberg is seeking to enlist the services of the "best available engineering firm possible" to make a survey and outline a long-range program of highways, freeways and traffic flow. One of the proposed developments which the engineering firm would report on is the suggested freeway from College Avenue and Broadway to connect with the extension of the Eastshore Freeway at Webster and Sixth Street.

oOo

The SAN JOSE Water Works has announced intentions of spending $463,000 for repair and construction of mains. $338,500 will go for work in San Jose, and $124,500 for work in Los Gatos. . The proposal of Peters and Peters, law firm, to construct a professional office building on the southwest corner of Second and Normal Sts. in CHICO, within a residential district, will be submitted at a public hearing February 5.

Agency Report Claims Lumber Export Less Than 1.4 Per Cent of U. S. Production

John W. Snyder, Director of War Mobilization and Reconversion, has made public an inter-agency report which showed that exports of lumber in 1945 amounted to less than 1.4 percent of total United States lumber production.

Lumber production for the first nine months of 1945 was 22.0 billion feet. Lumber exports by the United States are subject to export licenses, and were 268.6 million board feet, representing 1.22 per cent of total U. S. lumber production for the first nine months of 1945.

For the entire year 1945, lumber production is expected to reach 27.5 billion board feet and actual export shipments will not exceed 375 million board feet or 1.36 per cent of the total U. S. lumber production for 1945.

It is apparent from the above figures that the amount of lumber shipped abroad is an exceedingly small percentage of total production.

Of the approximately 375 million board feet shipped in 1945, about 30 per cent or approximately 113 million board feet is hardwood. This type of lumber goes into railroad transportation, shipbuilding, furniture, tool handles and other manufacturing. Little goes into home construction.

An additional 35 per cent of the lumber shipped in 1945 (approximately 131 million board feet) is in timber size which normally does not go into home building but rather into heavy construction such as docks, railroads, shipbuilding, factory construction, inland waterways—barges and canal locks—mining, petroleum and repair of war damage. Some of this lumber if retained in the United States might funnel into home construction but the cost of cutting it into required sizes is extremely high.

Some of the U. S. lumber mills, especially in the Douglas fir region, are only equipped to produce lumber sizes usually demanded for export. Should such exports be frozen, these mills might be forced to curtail or even cease operations entirely since they could not easily produce the domestic grades of lumber.

The remaining 35 per cent of the lumber shipped in 1945 (approximately 131 million bd. ft.) is lumber which can be used in home construction... Overseas it is used for housing, factory construction, commercial building and millwork.

The exportation of this lumber is not only in the interest of our national policy to aid in the restoration of war-devastated countries but much of the lumber exported has been for purposes which redound directly to the benefit of our own economy.

Sugar and tin are scarce commodities very urgently required by the United States. Some of our lumber exports are used for sugar production in Cuba and tin mines in Bolivia.

Lumber shipped to the liberated areas of Europe is used for the rehabilitation of docks and wharves railroads, bridges, canals and inland waterways. The rehabilitation of the transportation system of these countries is essential to their economy and permits them to reestablish their exports so as to restore their trade with this country. It contributes to faciliating the redeployment of our troops and supplies from Europe.

A portion of the lumber exported to the Netherlands went into the construction of bins which the Dutch used for growing early spring vegetables. A large portion of these vegetables goes to our men in the Army of Occupation in Europe. Another portion of the lumber shipjped to Holland was for the repairs of dikes to permit early deflooding of agricultural land so that food could once more be grown in those areas.

Lumber for the repair of war-damaged buildings in Europe largely came from the forest sources within the country or from Sweden. However, these supplies were inadequate to meet the most immediate needs and some small quantities of construction lumber were shipped for emergency housing, particularly to the United Kingdom.

If we assume that approximately 8,000 to 10,000 board feet of lumber are used per dwelling unit, the construction lumber shipped overseas would be sufficient for approximately 13,000 to 16,500 homes.

It is interesting to note that since the war began lumber imports to the United States have been consistently twice as large as our exports. For the first nine months of 1945 our imports amounted to 742 million board feet as against an export figure of 269 million board feet. Considerably more than half of these imports were of types of lumber normally used for home construction.

For 1946, U. S. lumber production is expected to be approximately 30 billion board feet. Of this amount, construction lumber may represent as much as 19 billion board feet.

If 500,000 housing units are constructed in 1946, this will require 5 billion board feet of construction lumber (assuming 10,000 bd. ft. per unit) leaving about 14 billion board feet of domestic construction lumber for all other purposes.

The total amount of all lumber requested by foreign countries for export during 1946 is over 4 billion board feet.

YOUR TAX TIMETABLE DATES EMPLOYERS SHOULD REMEMBER

January — 1946

31—OLD-AGE BENEFIT TAX: Return for last quarter of 1945 due and tax payable.

31—UNEMPLAYMENT TAX: Return for 1945 due and tax payable, but employer may elect to pay in quarterly installments. First installment payable if election is exercised.

31—WITHHOLDING TAX: Return of tax withheld from wages during last quarter of 1945 due and tax payable; reconciliation return for 1945 due. Last day to give employee receipt for 1945 tax.

31—EXCISE TAXES: Return for Dec, 1945 due and tax payable.

31—INFORMATION RETURNS Returns of tax withheld at source from interest on corporate bonds during last quarter of 1945 due. Tax payable June 15.

February — 1946

11—WITHHOLDING TAX: Tax withheld from wages during Jan. 1946, if more than 100, payable to an authorized depositary.

15—CORPORATE INCOME and EXCESS PROFITS TAX: Return due and one-fourth of tax payable for fiscal year ended Nov. 30, 1945. One-fourth of tax payable for fiscal year ended Feb. 28, May 31 and August 31, 1945.

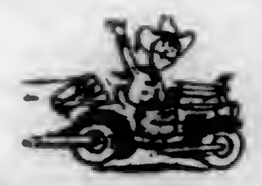
15—INDIVIDUAL INCOME TAX: Return due and tax payable for fiscal year ended November 30, 1945.

GROOVER AND I

"Groover" is still down with the "flu".

It is evident that his column will not grace our pages for several days.

We join with his many readers and friends in wishing him a speedy recovery.—The Editor.



V

CONTRACTORS COMPLIMENTED

Richard Wilson of the State Division of Highways office at Sacramento, this week announced that since November 9, 1945, the State had let contracts for over $20,000,000 worth of work. Wilson complimented the contractors, estimators, etc., on the excellent manner in which their bids had been prepared, that they had been clean cut, easy to read, and with very few mistakes.

V

KRAFTILE CO. REPORTS CALL FOR QUONSETS

Evidence of an eager demand in the industrial and agricultural fields for "packaged" steel buildings was reported this week by C. W. Kraft, president of Kraftile Company, who stated that his organization had sold Stran - Steel "Quonset" type structures totalling more than 91,000 sq. ft. of floor space during the first five weeks since announcing distributorship for that line. Customers are located in widespread parts of Northern California. Their preferences are predominatly for the "Quonset 40", 40 ft. wide by 100 ft. long, while orders have also been fiilled for "Quonset 20's, 24's, and 60's".

According to the Kraftile executive, the first "Quonset" building to be erected and put to use was that of the Liqua Zone Co., Ltd., in San Jose. Another San Jose firm purchased four "Quonset 40's".

The "packaged" steel buildings are adaptable to numerous uses and are easily erected due to the "nailing groove" feature which permits nailing inside or outside building materials directly to the steel frame.

It was made known by President Kraft that his company, for many years a manufacturer of clay products, bricks, ceramics, and allied products, had added the distributorship in line with its postwar plan to become identified more widely with the building materials field. The company also distributes other line of specialty building materials from its headquarters at Niles, Calif.

Summary of Industrial Development Shows 364 Expansions, 480 New Plants

Peacetime records for industrial development were made in northern California during 1945 when projects representing investments of $137,499,368 were launched, according to tabulations released by the San Francisco Chamber of Commerce Industrial Department.

Projects were as follows: 480 new factories; 364 plant expansions.

With outlays aggregating $118,580,268, industrial developments in the San Francisco Bay Region (12 counties) summarize like this: 379 new plants; 321 expansions.

The 1945 record for San Francisco proper shows: 119 new plants, 133 expansions; $17,381,650 in outlays; and 5,000 additional jobs.

Adding the $137,499,368 for industrial development announced by the San Francisco Chamber for northern California to $83,647,000 reported for Los Angeles County by the Los Angeles Chamber gives a state total of $221,146,000 — a husky indication of new job opportunities in the Golden State.

December reports for northern California accounted for 50 expansions of existing firms and 82 new industries with a total of $11,042,448 in investments. The Bay Area accounted for $10,752,448 of this figure with 63 new plants spending $7,575,948 and 47 expansions costing $2,996,500.

Corresponding figures for San Francisco were 15 new factories for $634,000 and 18 expansions costing $644,500 or total outlays of $1,278,000 for the month.

Record month for the Bay Area was August which topped $34,000,000 in new plants and expansions.

Summarized industrial development data follow:

Northern California: 364 expansions, $69,418,120; and 480 new plants, $69,081,345.

San Francisco Bay Region: 321 expansions, $66,687,620; and 379 new plants, $51,892,648.

San Francisco: 133 expansions, $5,463,350; and 119 new plants, $11,918,300.

With the exception of San Francisco, average cost of new factories in northern California is less than the average cost of expanding existing plants which indicates a trend toward the smaller decentralized type of industry.

Some of the outstanding announcements of national concerns for the Bay Area for 1945 were:

Campbell Soup Co. of Camden, N. J., $4,000,000 plant on 125-acre site near Sacramento.

Chyrsler Motors Corp. purchased 40-acre site in San Leandro.

United States Envelope Co., with headquarters in Springfield, Mass., purchased 105,000 sq. ft. for a half-million dollar plant in Emeryville.

H. J. Heinz Co. of Pittsburgh, Pa., built large plant on 75-acre site near Tracy.

Columbia Steel Co., subsidiary of U. S. Steel, announced 25-million dollar expansion at Pittsburg, Contra Costa County.

International Minerals & Chemicals Corp. of Chicago announced a million dollar plant on a 26-acre site in San Jose.

Beech-Nut Packing Company of Canajoharie, N. Y., purchased 23-acre site in San Jose for $800,000 plant.

Gar Wood Industries, Detroit, Mich., will locate manufacturing plant on the San Francisco peninsula to employ 500.

Pacific Can Company of San Francisco announced new 150,000 sq. ft. plant in the Bay Area.

The Paraffine Companies, Inc., announced $4,000,000 expansion of East Bay plant.

Standard Oil of California with headquarters in San Francisco is executing multi-million dollar expansion of Bay Area facilities.

Bethlehem Pacific Coast Steel Corp., newly organized subsidiary of Bethlehem Steel, announced extensive expansion of San Francisco and South San Francisco plants.

Among the important developments reported in the Bay Area for December are:

Victor Equipment Co. will add 10,000 sq. ft. to San Francisco plant.

American Can Co. leased 137,000 sq. ft. plant with spur track at 255 12th St., San Francisco.

Listo Pencil Corp. will erect 2-story addition to plant in Alameda.

Kushings of California, Inc., San Francisco, purchased shoe factories in Santa Rosa and will install equipment to manufacture outdoor shoes.

Langendorf Bakeries will erect 1-story addition to Oakland plant.

Butler Packing Co. of Seattle purchased 10 acres on San Leandro Blvd., Oakland, for a new $1,000,000 plant.

E. Lorenz & Sons will build new $50,000 plant in San Jose to manufacture wine and water storage tanks.

True-Sheen Company purchased property in Richmond and will construct plant to manufacture cleaning solvents to employ about 30.

V

Renewed efforts to have a west portion of NILES included in the sanitary district either of Niles or Decoto will be made by committees meeting with the respective sanitary commissions. The Decoto meet is scheduled for early in February.

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FOR BETTER BUILDING
NEWS OF MATERIALS, EQUIPMENT AND METHODS

PREFAB HOUSE

National distribution through lumber dealers is planned for a two-story prefabricated house called **HomeOla**, built of plywood with a steel "chassis." All wall and floor panels are of plywood stressed-skin construction with the panels glued to both side of light wood framing members. Floor sections are in 4-foot squares and have special wearing surfaces of vertical grain fir. Wall panels are 4 by 8 ft. Blanket insulation in both wall and floor units is placed during fabrication.

Built-up plywood roof rafters, completely fabricated at the factory, have been developed, over which longitudinally braced plywood roof decking is placed; finished roofing is conventionally applied. Roof insulation, in blanket form, is attached to the back of second-story wall and ceiling panels.

The house, exclusive of lot, is intended to sell complete for less than $3,000. Shipment of the house parts will be to building material dealers who will provide the crews for erection. Willisway System, 9 S. Clinton St., Chicago 6, Ill.

#

TEMPERATURE REGULATOR

A self-contained, spring loaded, internal pilot, piston operated **Temperature Regulator** for steam service features Duo-Matic Control—both accurate temperature regulation and pressure control obtained simultaneously with a single regulator. The unit has a thermostatic element with 100 deg. F. adjustable temperature range, equipped with metal diaphragms. All wearing parts are renewable. Leslie Co., 57 Delafield Ave., Lyndhurst, N. J.

#

HEAT PANELS

Immediate production of the **Base-Ray Heat Panel** has been announced by Burnham Boiler Corporation, Irvington, N. Y. Developed by research engineers at the University of Illinois, the panel is a hollow, cast iron baseboard unit (see AR, June, 1945, p. 124).

#

UNIT LOCK

A new lock, the **Corbin Unit Lock**, is said to offer home owners complete freedom from the annoyance of sticking and binding knobs and latches because it is assembled at the factory in one complete unit. Installation is simple, with no mortising necessary—the unit slips into a slot in the edge of the door and is made fast by two bolts without touching or adjusting the working parts in any way. P. & F. Corbin, New Britain, Connecticut.

#

DOORSTOP

An easily installed **Door Stop-Nut** slips over the top knuckle of a door hinge and is held secure by the hinge pin. Eliminating the need for baseboard or floor type door stops, the unit prevents the banging of doors against walls or furniture. Door Stop-Nut, Inc., 810 W. 76th St., Chicago 20, Ill.

#

DRAFTING AIDS
SLIDE RULE

The **Deci.Point**, a slide rule which places the decimal point in involved expressions with results up to 19 places, is now being manufactured of lightweight Dowmetal (magnesium metal alloy), surfaced with a flat white plastic said to be impervious to water or chemicals and virtually immune to abrasion from regular use. The rule first was introduced in a wartime "Demonstrator" model. Pickett & Eckel, 53 W. Jackson Blvd., Chicago, Ill.

ALL-PURPOSE DEVICE

An all-purpose drawing and measuring device, the **parva-graph** is accurately designed and mathematically calibrated to serve as a square, dividers, protractor, triangle, ruler, compass, French curve and miter.

The Parva-graph consists of a combination square and a removable miter arm which can be mounted on the square through either of two mounting holes. A wing nut locks the arm at any desired position. Made of tought, transparent plastic. Parva Products Co., West Haven, Conn.

#

METAL WINDOWS
STORM SASH STORAGE

Manufacture of the **Rusco All-Metal Combination Window** has been resumed, it has been announced, with an important change in design incorporated. Storage of the lower storm sash is now provided within the window unit itself.

The compact unit provides screen storm sash and weatherstripping, plus a patented spring-steel clip arrangement that permits the lower storm sash to be raised and held in storage space behind the upper sash. The F. C. Russell Co., Cleveland, Ohio.

ALUMINUM UNIT

Expected soon to be in production is a new aluminum extruded window unit, the **Winco**, which has no pulleys, weights, cords or springs, and requires no regular weatherstripping. Can be left open in rain or snow, as lower sash swings in. Also made for glass block installations. Watco Engineering, Inc., 2200 Scranton Road, Cleveland 13, Ohio.

#

LIGHTING NEWS
COLD-CATHODE LAMP

Addition of a cold-cathode K lamp to a regular line of fluorescent products has been announced. The new lamps will be instant-starting, will have a rated lif eof 10,000 hours. They will be made in both 72- and 96-in. lengths, 1-in. in diameter, will operate on a standard 120 milliampere multiple ballast. Sylvania Electric Products, Inc., Danvers, Mass.

SERVICE STATION

Commissioned by Allegheny Ludlum Steel Corp. to design an automotive service station looking toward expected competitive development in that field, George Cooper Rudolphs, New York industrial designer, has come up with the **Moto-Serv. Features**: eligibility for mass prefabrication; ease of installation; high flexibility and ready expansion; easy upkeep.

The basic design of the Moto-Serv consists of an office and storeroom cubicle and a single island-and-canopy unit with two stainless steel tubular supports footed in stainless castings.

#

FIBERGLAS SOUNDPROOFING HELPS POLICE RADIO

Improved radio transmission from the radio operations room at the Newark, Ohio, police headquarters has resulted from the installation of inch-thick Fiberglas acoustical board on the walls and ceiling of the room and in other parts of the building. The room is used to maintain two-way radio communication between headquarters and the radio-equipped patrol cars.

#

AIR CONDITIONED PRINTING PLANT

Air conditioning which controls temperatures to within one degree and humidity to within one per cent of desired levels is being installed in a new **$1,900,000** printing plant now under construction for the Newman-Rudolph Lithographing Company in Chicago. It is expected to result in faster and less costly printing on paper that is more thoroughly seasoned and thus of better quality.

The building, designed by R. N. Friedman, of Alschular and Friedman, Architects, will have a brick exterior with granite and Indiana limestone trim. Construction will be steel and concrete, with a floor load of 250 lbs. per sq. ft. Four stories in height, the plant will cover 53,500 sq. ft., will be ready for occupancy about the first of next May.

#

HOUSE "CORE"

A new home-building unit engineered for assembly-line production is an enclosed central core containing household heating, hot water, plumbing, electricity and meters. Attached to three sides are a complete kitchen, laundry and bathroom, with floor areas, walls, windows and doors placed according to individual house plans. The unit is said to be adaptable to both conventionally-built and prefabricated houses ranging in price from $3,000 to $10,000.

The enclosed core has service access through panels, is equipped with forced warm air furnace—gas or oil; hot water heater—gas or electric; all plumbing, vents and stacks; chimney connections; electrical connections. Kitchen equipment includes refrigerator, cabinets, gas or electric range and sink; an electric washer is provided in the laundry. Ingersoll Division, Borg-Warner Corporation, Kalamazoo, Mich.

#

NAILABLE STEEL

Nailable steel for framing in residential and light industrial construction is now available, it has been announced. Consisting of grooved framing sections, this is the framing which is a basic part of Quonset huts. The groove permits the driving of nails into the metal framework. Stran-Steel Division, Great Lakes Steel Corp., Penobscot Bldg., Detroit 26, Mich.

#

THEATER CONSTRUCTION EQUIPMENT

Anticipating a widespread development in drive-in theater construction following the lifting of wartime restrictions on building materials, equipment and gasoline, the Theater Equipment Section of RCA Victor has announced plans to supply a complete line of sound and projection equipment designed to meet the special requirements of this type of theater.

The line will include new types of in-car speakers, combined terminal-box and speaker-receptacle units, and self-adjusting amplifier systems. The in-car speakers are said to be 100 per cent weatherproof, so that they can be permanently located at parking spaces on the ramps, within reach of patrons from their car windows. They are specially designed to be acoustically correct for in-car operation; a volume control on the front of the speaker permits the patron to adjust the sound level to his own satisfaction. Radio Corp. of Amferica, RCA Victor Division, Camden, N. J.

#

REFLECTIVE INSULATION

A low-cost insulation material just announced, **Sisalation**, is composed of specially-treated asphalt, fiber reinforcement, and aluminum-coated Kraft paper. It is said to reflect heat and cold very much as a mirror reflects light, keeping the heat in and the cold out in winter, and reversing the process in summer. It also prevents moisture-vapor within the home passing into the sidewalls and condensing, it is claimed, and prevents infiltration of dust and dirt through walls, around windows and doors. The Sisalkraft Co., 205 W. Wacker Drive, Chicago.

#

PORTABLE WASHER

Especially designed for apartment use, the **1900 Whirlpool Portable Washer** will hold 2 lbs. of clothing, has a 2½ gal. water capacity, rinses as well as washes. Its small size—13-in. in diameter and 20-in. in height—permits easy storage when not in use. Nineteen Hundred Corp., St. Joseph Michigan.

#

BATHROOM SPOT HEATER

A new infrared lamp producing radiant heat is built of special ruby red glass which is highly resistant to temperature extremes. It has withstood a temperature shock test of more than 500 deg. F., the manufacturer reports, and has continued to burn even after being dipped in ice cold water.

Its ability to withstand temperature shocks, it is suggested, will make it particularly suitable as a spot comfort heater for the bathroom, where it is apt to come in contact with water drops. Westinghouse Electric & Mfg. Co., 306 Fourth Ave., P. O. Box 1017, Pittsburg 30, Pa.

DOWNLIGHTING

To provide downlighting which is particularly useful in store illumination, two new silvered bowl lamps have a circular inside frosted "window" at each bulb's end. The lamps are rated 300 and 500 watts. In the former, the downlight filters through a 2¾-inch diameter inside frosted window; the latter has a circular window with a diameter of 3-in. General Electric Lamp Dept., Nela Park, Cleveland, Ohio.

LUMINOUS SHIELD

Now available is a patented luminous plastic switch plate shield which will fit over any standard toggle or push button plate and, when exposed to any normal light during the day, will glow all night. Originators, Inc., National Outlet Co., 612 N. Michigan, Chicago 11.

CONVENIENCE OUTLET

To make it easier to find and plug into convenience outlets, the new **LumiNite Duplex Convenience Outlet Plate** features a small shielded electric bulb which burns continuously. The plate is molded in a single piece of ivory plastic, will fit any standard duplex convenience outlet. Associated Projects Co., 80 E. Long St., Columbus 15, Ohio.

STARTER

A new split-second starter for fluorescent lamps, the **Jack Rabbit**, is designed to fit in conventional starter sockets for use with instant-starting lamps. The split-second starting action, it is claimed, is accomplished with unusually high operating efficiency. With it, manufacturers can provide split-second starting in fixtures equipped with conventional low-cost ballasts. It is said to provide approximately 13 per cent greater operating efficiency than high-voltage instant-starting ballast systems. General Electric Co., 1285 Boston Ave., Bridgeport 2, Conn.

BALLASTS

Two new special ballasts have been announced by one company. One is a single-lamp type, designed for the operation of a new line of 13-watt lamps used primarily in show cases and similar installations; the other is for the instant-starting operation of "Slimline" lamps designed for decorative and special lighting purposes. General Electric Co., Schenectady, New York.

#

HOME FREEZERS

Expected to be available to the general public shortly after the first of January, a 4 cu. ft. cabinet or horizontal model home freezer is 36-in. high, 34½-in. long, and 24-in. wide, weighs 250 lbs. Finish is white baked enamel. Slightly less than 1½ kw of electricity are necessary to run the freezer in a normal room temperature, the manufacturers report, or a period of 24 hours. Frigidaire Division, General Motors Corp., Dayton, O.

#

Labor Shortage Hampers Output Of Plumbing Matl.

Manufacturers of plumbing and heating equipment are hopeful that the labor shortage, which is now hampering production, will be alleviated in 1946 so that they may attain normal output and meet the huge demand for plumbing fixtures, brass goods, boilers, radiators, pipe, valves, fittings, water heaters, shower cabinets, and other plumbing and heating materials.

Manufacturers have ample productive capacity to produce large quantities of plumbing and heating materials. The chief limitation on production says the Plumbing and Heating Industries Bureau, is the inability of the manufacturers to get an adequate number of experienced workmen. The shortage of help is particularly acute in the foundry departments and the brass polishing departments.

In view of the present heavy demand, manufacturers of plumbing and heating equipment are endeavoring to devise methods of speeding up production methods. They are also trying to find ways to lower cost. At the same time, manufacturers are concerned with the necessity of maintaining the quality of their products.

The plumbing and heating industries frankly recognize the fact that at the present time there is a demand for goods far in excess of the present ability of the industry, with its handicap of inadequate manpower, to supply. They believe that this demand will continue for from 5 to 10 years.

—V—

STATE TAXES

State Taxes! $300,979.53! Even a State Agency is a large taxpayer. According to Paul Scharrenberg, Chairman of the Board of iDrectors, the State Compensation Insurance Fund has sent a check to the State Treasurer for $300,979.53 in payment of its taxes on 1944 business. Since 1917, the State Compensation Insurance Fund has paid taxes amounting to $3,838,824.66 which has been credited to the General Fund of the State.

Manufacturers' Literature

AIR CONDITIONING

Air Filtration in Central Systems. Full information on Fiberglas Dust-Stop Air Filters: dimensions, ratings and manufacturing tolerances table; data on efficiencies; installation details; specifications; maintenance; applications. 24 pp., illus. Owens-Corning Fiberglas Corp., Toledo, Ohio.*

Water-Chilling Units. General information and specification summary. 4 pp., illus. Westinghouse Electric Corp., Air Conditioning Division, 150 Paciqc Ave., Jersey City 4, N. J.*

Westinghouse Precipitron. Description of the Precipitron electronic air cleaning system for commercial and industrial uses. Capacity and dimension table. Explanation of how the system works. 6 pp., illus. Westinghouse Electric Corp., Air Conditioning Division, 150 Pacific Ave., Jersey City 4, New Jersey.*

Worthington Evaporative Coolers (Bulletin C-1100-B27). Description, specifications, selection tables, typical piping arrangements. 8 pp., illus. Worthington Pump and Machinery Corp., Air Conditioning & Refrigeration Division, Harrison, N. J.*

BAR SCREENS

Mechanically Cleaned Bar Screens (Bulletin 479). Description of the machine and how it operates, specifications, data tables, applications. 8 pp., illus. Chain Belt Co., 1600 W Bruce Ct., Milwaukee, Wis.

BATHROOM FIXTURES

Sanitary Toilet Seats. A catalog of self-raising and other seats. 8 pp., illus. Sperzel Co., Minneapolis 3, Minn.

CONVEYORS

LAMSON Lightweight Portable Gravity Conveyor. Description including parts specifications, with typical uses. 4 pp., illus. Lamson Corp., Syracuse 1, N. Y.*

DUMBWAITERS

Dumbwaiters and Doors. A catalog of electric and automatic brake dumbwaiters, counterbalanced dumbwaiter doors, passenger freight and sidewalk elevators, freight and passenger cars. Includes specifications, tables of standard sizes, and full information on scope of use. 24 pp., illus. John W. Kiesling & Son, Inc., 2409-33 Pacific St., Brooklyn, N. Y.

FACTORY PLANNING

Industrial Logistics. How a planned system of materials transportation reduces costs in procurement, production and distribution of goods. 12 pp., illus. The Elwell-Parker Electric Co., 4205 St. Clair Ave., Cleveland 14, Ohio.

GLASS

Planning Ahead With Glass for More Enjoyable Living. Over a hundred ideas for the use of glass in residential buildling—in living room, hallways, dining room, kitchen, bathroom, bedroom, basement and attic. Includes basic information on solar heating and "window conditioning." 30 pp., illus. Libbey-Owens-Ford Glass Co., Toledo 3, Ohio.* 10 cents.

HEATING

Byers Radiant Heating in a Garage (Case Study No. 5). Application of radiant heating in an industrial garage and service station. Describes the installation, design of the heating coils, operation. 6 pp., illus. A. M. Byers Co., Pittsburgh, Pa.*

Certified Counterflow Air Conditioner Heating System; Certified Gravity Steel Furnace and Air Conditioning Units; Mammoth Certified Vertical Steel Tubular Heaters. Descriptive circulars including complete specifications for each type of furnace. 4 pp. each, illus. Stainless & Steel Products Co., 1000 Berry Ave., St. Paul 4, Minn.

Convector Radiation (Bulletin 245). Describes method of operation, advantages claimed. 4 pp., illus. Modine Mfg. Co., Racine, Wis.*

Econostat Temperature Control System. Heat regulation system controlled by outdor temperature. Description of system and how it works, features, applications. 8 pp., illus. Barber-Coleman Co., Rockford, Ill.*

S.B.I. Rating Code (A.I.A. File No. 30-C). The Steel Boiler Institute Rating Code covering commercial and residential steel boilers. Includes standardized sizes for mechanically-fired boilers, a new grate area formula and furnace volume requirements for hand-fired boilers and a code for testing oil-fired boilers. 24 pp. Steel Boiler Institute Inc., 366 Madison Ave., New York 17, N. Y. 50 cents.

JALOUSIES

Jalousies. Description of and for jalousies; specifications; stock sizes; diagrams. 4 pp., illus. Pro-Tect-U Jalousie Co., 2762 S. W. 10th St., Miami 35, Fla.

PARTITIONS

Certain-Teed 2-in. Solid Plaster Partition. Description of a non-load bearing partition for new construction or remodeling. Includes specifications and methods of construction. 6 pp., illus. Certain-Teed Products Corp., 120 S. La Salle St., Chicago, Ill.*

PIPING

Volumetric Capacities of Tube-Turn Welding Fittings. Formulae used to compute the volumetric capacities, and tables giving the volumetric capacity in cu. in. of the most commonly used Tube-Turn welding fittings. 10 pp., illus. Tube Turns, Inc., Louisville 1, Ky.

PLASTICS

Plastic Primer. Factual information on the phenolic plastics, with a table showing the characteristics and uses of various phenolic compounds. 8 pp., illus. Durez Plastics & Chemicals, Inc., North Tonawanda, N. Y.*

Velon and Foamex. Description of the two materials, their qualities and uses, plus two pages of general information on molded and extruded plastics. 20 pp., illus. Firestone Industrial Products Co., Akron, Ohio.*

The Watertown Book of Plastics. General information on thermosetting and thermoplastic materials, saran, lucite, cerex, nylon and polyethylene, and specific information (including properties chart) on Neillite. Also a discussion of molding methods and engineering details. 44 pp., illus. The Watertown Mfg. Co., Watertown, Conn.

RECONVERSION PLANNING

Production Planning Data. A set of production planning cards and data sheets intended for use in reconversion, provision for expanded facilities, and new building plans. Provide scale machine models to be placed on factory floor plan and arranged to meet specific requirements. Plan-O-Mill Corp., 1811 E Eight Mile Road, Hazel Park, Mich.

RUBBER

Cellular Rubber. Describes various forms in which sponge rubber, bonded fiber and other subdensity materials are manufactured. 4 pp., illus. Sponge Rubber Products Co., Shelton, Conn.

STEEL

Jessop Stainless Steels. The various types produced by Jessop, their physical properties and mechanical characteristics, plus a page of information on the company's stainless-clad steels. 8 pp., illus. Jessop Steel Co., Washington, Pa.*

SURFACE COATING

Aquella. Question and answer brochure describing a mineral surface coating that waterproofs and dampproofs interior and exterior porous masonry surfaces such as concrete, masonry blocks, common brick, rough plaster and stucco. 4 pp. Prima Products, Inc., 230 Fifth Ave., New York 1, N. Y.*

VENTILATION

Put the Wind to Work. Bulletin on the "Agitair" air exhauster. Typical applications, engineering data selecting the proper size, location principles. 10 pp., illus. Air Devices, Inc., 17 E. 42nd St., New York 17, N. Y.

WINDOWS

The Ultimate in Modern Ventilation and Vision. Descriptive folder on an aluminum package window unit. Gives specifications and installation details. 4 pp., illus. Watco Engineering, Inc., 2200 Scranton Road, Cleveland 13, Ohio.

*Other product information in Sweet's File, 1945.

—V—

TIPS OFFERED ON BATHROOM PLANNING

Suggestions for planning economical and efficient bathrooms and powder rooms for new homes are offered by the Plumbing and Heating Industries Bureau.

While there are many plans for bathrooms and powder rooms, the most economical are those which back up fixtures in two rooms or compartments, thus permitting the same piping to serve both sets of fixtures, the Bureau points out.

Also economical, because they require less piping and therefore less labzor, are bathrooms or powder rooms arranged one above the other. It is also practical in many cases to have the piping for all fixtures on the same wall. It is desirable from the standpoint of operating efficiency to have the water closet located as near the soil stack as possible.

Piping should not be run in outside walls unless the piping or the house is well insulated. Similarly the bath should not be placed under a window because of the disadvantage of drafts and possible marring of the fixture when work is being done on the window or drapes.

A growing trend toward recessing of fixtures or placing them in separate compartments is noted by the Bureau. Also significant is the trend toward providing plenty of storage space in bathrooms and powder rooms.

—V—

AIR FRESHENER

• Perhaps, you are one of those people who dislike the musty, fusty atmosphere of storage spaces and closets. Try placing an electric fan for an hour or two each week so that it gives vigorous circulation to the air in the spaces where you have stored summer clothing and draperies, or wraps, or clothing in use. It will freshen things up and discourage moths.

—V—

HEATING AID

Try placing an electric fan so that it keeps the heated air around your radiator in motion. You will find that the warm air in circulation will heat up the "cold corners" and will liven and freshen the air in the whole room. You may have to experiment a little to find the right position for the fan, but the result will be worth while.

—V—

Can You Explain It?

A Chinese visitor to the U. S. A. once remarked:

"Funny people, you Americans. You take a glass . . . you put sugar into it to make it sweet and lemon to make it sour; you put in gin to warm you up and ice to keep you cool . . . . you say, 'here's to you' and then you drink it yourself."

Official Proposals

FIRST PUBLISHED TODAY

Warehouse—California National Guard, Sacramento, Calif.

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF ARCHITECTURE

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the Division of Architecture, Public Works Building, 1120 "N" Street, Sacramento, California, up to 2:00 P. M., **Tuesday, February 5, 1946**, said bids thereafter on said day to be publicly opened and read for Warehouse, **California** National Guard, Sacramento, California, in accordance with plans and specifications therefor.

The work includes the construction of a 1-story brick and reinforced concrete Warehouse. The floor area will be 4400 square feet, approximately.

Prevailing Wage Scale: In accordance wtih the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

	Hourly Rate
Bricklayers	$1.87½
Bricklayers' Hod Carriers	1.15
Carpenters	1.50
Cement Finishers	1.50
Electric Workers	1.70
Engineers, Portable Hoist or Otherwise	1.50
Glass Workers	1.26
Iron Workers, Architectural	1.60
Iron Workers, Reinforcing Steel	1.50
Laborers, Building	1.06¼
Painters	1.43
Roofers	1.50
Sheet Metal Workers	1.50
Any classification omitted herein not less than	1.06¼
Overtime—One and one-half times the above rates.	

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal Officer or agency, in so far as the same may be applicabel to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal Order, whether higher or lower, shall control.

Apprentices may be employed provided they are properly indentured to the Contractor in full compliance with the provisions of Section 1777.5 of the Labor Code.

Plans and specifications for examination are on file in the Office of the Division of Architecture, Public Works Building, Sacramento, and Room 803 State Office Building, Los Angeles, and at the principal California Cities Builders' Exchange Offices.

Contractors who are prequalified and who are desirous of securing plans, specifications and proposal forms for the purposes of preparing and submitting a proposal for this work may do so by requesting same in writing from the Division of Architecture, Public Works Building, Sacramento.

Prequalification: Plans, specifications and proposal forms will only be issued to those contractors who are prequalified with the Department of Public Works by having filed a statement of experience and financial condition on a standard questionnaire form in accordance with the provisions of the State Contract Act. Such statement must have been filed and approved not more than one (1) year and not less than five (5) days previous to the date set for receiving and opening bids. Contractors may obtain standard questionnaire forms from the Division of Architecture.

No bid will be accepted from a contractor who has not been licensed in accordance with the provisions of the Contractor's License Act or to whom a proposal has not been issued by the Department of Public Works.

No bid will be considered unless it is presented on a proposal form furnished by the Division of Architecture and accompanied by a bidder's bond, cash, a cashier's or certified check made payable to the Director of Public Works in the sum of at least ten per centum (10%) of the amount of the bid.

The Department of Public Works reserves the right to reject any or all bids and to waive any informality in any bid received.

No bidder may withdraw his bid for a period of thirty (30) days after the time set for opening thereof.

DEPARTMENT of PUBLIC WORKS
DIVISION OF ARCHITECTURE
ANSON BOYD,
State Architect.
(Daily Pacific Builder)
(Jan. 18-25, Feb. 1, 1946)

LS-345—Gate Valves, Sluice Gates and Rate Controllers

NOTICE TO CONTRACTORS

Sealed proposals will be received at Room 205 of the office of the East Bay Municipal Utility District, 512 Sixteenth Street, Oakland, California, until 5:30 P. M., Wednesday, January 23, 1946, and will at that hour be opened, for furnishing, f.o.b. Corporation Yard, 22nd and Adeline Streets, Oakland, California, sixty hydraulically operated gate valves in sizes 8-, 16-, and 20-inch; twenty-four hydraulically operated sluice gates 24-in. x 24-in. size; and twelve filter rate controllers, for the Orinda Filter Plant.

Specifications (No. LS 345) may be obtained upon application at Room 406 of the office of the District.

DANIEL READ,
Secretary.

Oakland, California.
January 10, 1946.

(Daily Pacific Builder)
(January 14, 1946)

Pro. No. 1704—Oil Circuit Breaker

NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512—16th Street, Oakland, California, until 5:30 P. M., Wednesday, Jan. 23, 1946, and will at that hour be opened for furnishing one (1) OIL CIRCUIT BREAKER COMPLETE WITH CONTROL SWITCH FOR REMOTE CONTROL, as per specifications.

Proposal No. 1704 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL READ,
Secretary

Oakland, California.
January 11, 1946.

(Daily Pacific Builder)
(January 14, 1946)

FIRST PUBLISHED TODAY

Highway Improvements—El Dorado County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **February 13, 1946**, at which time they will be publicly opened and read in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, of a portion of State Highway as follows:

El Dorado County, between Shingle Springs and 1¼ miles west of El Dorado (III-E.D-11-B) about three and four-tenths (3.4) miles in length, to be graded and surfaced with plant-mixed surfacing on crusher run base.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per Hour
Skilled Labor	
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.375
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity)	1.70
Motor grader operator	1.85
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Renforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.4375
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.3125
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.25
Intermediate Grade Labor	
Concrete vibrator operator	1.25
Jackhammer operator	1.25
Oil dstributor bootman	1.00
Oiler, power shovels or cranes	1.25
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.0625
Truck driver (less than 4 cubic yards water level capacity)	0.90
Unskilled Labor	
Flagman	1.00
Laborer	1.00

Positions not listed above will be allocated in accordance with the definitions which appear in the special provisions, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.25 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.00 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.00 per hour.

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or ageney, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposed to be done will be financed in whole or in part with Federal funds and that therefore all of the applicable Federal statutes, rules, and regulations will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifications regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications, regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, nad forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the wor kis situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (see said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated January 18, 1946.
(Daily Pacific Builder)
(Jan. 18-25, Feb. 1, 1946)

Pro. No. 1705—Transformers

NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512—16th Street, Oakland, California, until 5:30 P. M., Wednesday, Jan. 23, 1946, and will at that hour be opened for furnishing three (3) 500-KVA OUTDOOR TRANSFORMERS, as per specifications.

Proposal No. 1705 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL READ,
Secretary.

Oakland, California.

—V—

(Continued on Page Seven)

W. C. Dillon and Co., Inc. - Remarkable Instance of Dad and Lads in Same Force

How many concerns in the United States, large or small, are executively managed by the father and six sons?

W. C. Dillon & Co., Inc., of 5440 W. Harrison St., Chicago, are an outstanding instance. The company, manufacturing precision instruments for weighing, measuring and testing for a world market, combines about 180 years of engineering and business experience in this one family in the same line.

The father and founder and president is W. C. Dillon, Sr. He is the original and chief inventor. Although 67 years of age, he is busy every workday, and often much overtime, supervising all the activities of the plant ,and working on new ideas with unflagging interest. He considers it a poor week when he does not lay before "the boys" some improvement or entirely new device. Not all these are accepted by the sons, in council. They have inherited and developed vigorous resourcefulness of their own. Paternal authority does not influence their professional and critical judgment. In the main, however, important achievements are directly traceable to the head.

W. C. Dillon, Sr., is an old-time telephone man. He helped string the first telephone wires in and across the famous Cherokee Strip in 1895.

He is the inventor of the Dillon Dynamometer in general use in industry, and in the government's services. This invention has won for him the sobriquet "The Dynamometer King".

Thousands of these dynamometers were acquired by the United States Navy for use on mine-sweepers. In this work a paravane (a torpedo - shaped waterplane with projecting fins) trails from a cable out into the ocean. Hooked into series with the cable is the dynamometer. When a mine is caught, the sudden pull registers on the dial of the dynamometer and indicates the danger. The mine is then cut loose, and exploded by gunfire.

Several of these dynamometers were used by E. I. DePont de Nemours & Company at their Hanford engineering works, Pasco, Wash.. where much of the atomic bomb research was carried on. Many hundreds have gone to the aircraft manufacturers for static load testing.

Other products are the Dillon Universal Tensile Tester and Stewart Cable Tester and Locator.

Each of the Dillon sons has his own special part in the company's operations; but they work closely together in considering the product from all angles. The Dillon Team cooperates with all the enthusiasm of good teamwork in any field.

Roy Dillon, the oldest son, is an electrical engineer. George Dillon, next in age, handles the company's mechanical and electrical research. William C. Dillon, Jr., the next, supervises construction of the Dillon metal thermometer. Edwin Dillon, vice - president, handles the company's financial and patent business. Robert E. Dillon is sales and advertising manager. Ralph Dillon, the youngest, is chief engineer—a position for which he is fitted by a broad knowledge of mechanics and allied sciences.

The company is primarily a ressearch and development center for new ideas and patents. Interviews with inventors from all parts of the country are part of almost every day's routine. Important devices and improvements have been brought to the light of a market in this way. Others have been found impracticable—but interesting and sometimes dramatic in their ideas. A record of all the propositions presented would make an interesting study of inventive psychology.

REQUIRED READING

TOMORROW'S HOUSE

By Geo. Nelson and Henry Wright. New York (1230 Sixth Avenue), Simon and Schuster, 1945. 8 by 11 in. 214 pp. illus. $3.00.

Of all the many books on home planning which have mushroomed into existence within the past few months, this is certainly one of the most stimulating. Not because it offers vast amounts of useful information; not because it abounds with clever hints and adroit planning tips. It doesn't. There is almost none of the usual "Do-and-Don't" type of textbook information within its 200 pages. There is not a single floorplan. Messrs. Nelson and Wright did not set out to write a manual; they set out to pry the prospective homeowner loose from his traditional complacency. They set out to make him THINK.

The trouble is that those prospective readers with the strongest traditional leanings will probably not be actual readers. It would take the merest riffling of pages to provoke a reaction like this: "It's all about modern houses. That's not what I want." Those already converted probably will buy it enthusiastically, and read it the same way.

Such an enthusiastic reader might, if he also read thoughtfully, arrive at a vague feeling of disappointment. Disappointment not with the clean philosophy of the authors, but with the prospect for getting the house that would grow in his mind. The authors write frankly and honestly about "tomorrow's house", and they do not make any effort to make it sound easy to achieve or acquire. Some of the chapters deal almost wholly with future possibilities, with trends instead of present-day facts. They speak frankly about the bugs yet to be taken out of some of the newer ideas. The reader is left with the feeling that relatively few architects could handle the house proposed, and is told pretty definitely that it would cost like sin.

And yet — Messrs. Nelson and Wright have spoken well for the "modern" house. Once you have forgiven them for their very crude satire in the second chapter (a choice bit entitled "Home is Where You Hang Your Architect", which would have the architect a hidebound clod), you are pretty sure that the lay reader would start looking around his present abode with a slightly jaundiced eye. With superb accuracy this book puts its finger on any number of sore spots in the traditional house: the bad lighting, the generally poor acoustics, the kitchen that has been efficientized down to a glorified closet, the eternal struggle with temperature and fresh air. No soothing ointment is proffered for these sore spots, but a nice, sharp sterile knife has been laid out ready for use. Here, the authors say in effect, you don't have to put up with these things, you know. You can have your home light conditioned, sound conditioned, air conditioned, planned just the way you like it.

The sum total is a book which will make its every reader, architect and client alike, probe more deeply into the underlying reasons for a house before he starts to plan.

STANDARDS FOR SCHOOLHOUSE CONSTRUCTION

West Virginia Council on Schoolhouse Construction. Charleston, W. Va., Division of Schoolhouse Planning, State Dept. of Education, 1945. 6 by 9 in. 84 pp. $1.00.

Here is a small book crammed full of practical information for both the school board and its architect. As the introduction says, it offers them "the accumulated, recent, screened experience of their myriad brethren."

Starting with a chapter on "Planning a School Building Program", which discusses such school board problems as determining building needs, planning the building and choosing the architect, it continues with matters of more direct concern to the architect—site selection, building characteristics and construction details, and service systems.

As its title makes clear, this is a book of standards. As such it presents only the minimum requirements, and allows for the maximum flexibility in actual planning. It is exceptionally thorough, giving even such details as the proper distance from floor to top of chalk trough for chalkboards for the various grades.

FIRE PROTECTION

Through Modern Building Codes. By B. L. Wood. New York 1 (350 Fifth Ave.), American Iron & Steel Institute, 1945. 6 by 9 in. 246 pp.

Mr. Wood has divided this book quite sensibly into two sections, the first dealing with recent developments in fire protection, fire hazards, classification of buildings by occupancy, fire safety objectives and criteria, etc. The second section consists of regulations which were prepared as a part of the program of the Committee on Building Codes of the American Iron & Steel Institute to illustrate a practical application of the principles of fire protection. The regulations reflect careful study of the provisions and recommendations of the National Bureau of Standards and other regulatory bodies, and represent the Committee's recommendtions relative to fire protection regulation through building ordinances.

PERIODICAL LITERATURE

GARDEN CITIES

Garden Cities and the Metropolis. By Lloyd Rodwin. The Journal of Land and Public Utility Economics (Sterling Hall, Univ. of Wisconsin, Madison 6, Wis.), August, 1945, pp. 268-281.

Largely a critique on Ebenezer Howard's turn-of-the-century book, Garden Cities of Tomorrow (1902) this article makes a number of highly pertinent points. "Well integrated cities, planned land use and controlled size and growth are recognized desiderata. . Though bigness is not a curse, amorphous sprawl certainly is," Mr. Rodwin says. He explodes the argument that decentralization is necessary as a safeguard against bombings, maintaining that even with the atomic bomb a city is by its very nature a strong point in a nation's defense. "The weak points of the Garden City idea stem from its failure to comprehend many of the essential chores of the city," he declares. "Goals must always prove impracticable unless related to vital needs and interests. . He who would help build the city of tomorrow must reckon with the lives and living habits of human beings: with jobs and security, homes and population trends, aesthetics and economics, politics and social drift."

UBIQUITOS PREFABS?

The Truth About Prefabricated Houses. By Gordon H. Cole. Science Digest (200 E. Ontario St., Chicago 11, Ill.), Nov., 1945, pp. 7-01. Condensed from PM.

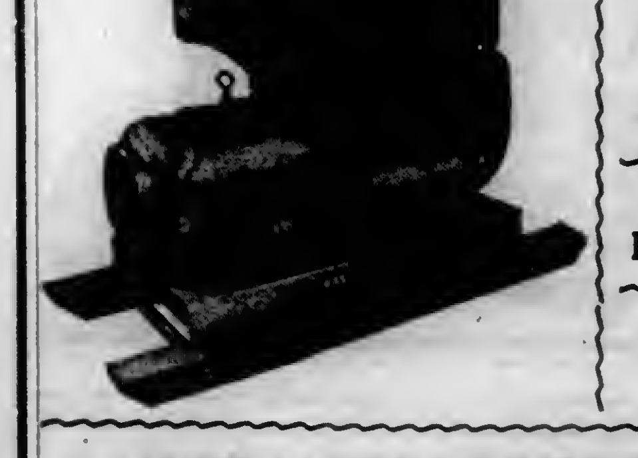
The prefabricated house is not going to take its place as an integral part of our landscape for many years to come, Mr. Cole predicts. Factory-built houses, he says "still are in their horseless carriage tage, still are looking for a Henry Ford, still are fighting for permission to be built inside city limits."

SPECIALIZED LIGHTING

Art Gallery Lighting. Report of the Committee on Art Gallery Lighting of the Illuminating Engineering Society. New York. Journal, Royal Architectural Institute of Canada (57 Queen St. W., Toronto 1, Can.), Oct., 1945, pp. 197-207, illus.

An excellent report offering general guidance in the difficult problem of art gallery lighting. Especially helpful are the tables of display specifications and the numerous diagrams.

MASTER GASOLINE GENERATORS



Portable Lighting Plants
From 650 Watts to 15 KW
Generate Your Own Electricity Right on Job
AVAILABLE STOCK FOR RENT OR SALE
KERR EQUIPMENT COMPANY
160 Tenth St. Corner of Natoma SAN FRANCISCO Ph. MArket 1651

--Material Prices--

Following prices are obtained from responsible sources and are believed to be correct, but cannot be guaranteed. In each case quotations are for delivery on the job in San Francisco, except as otherwise noted.

PAPERS AND FELTS

SHEATHING PAPERS

Asphalt sheathing, 15-lb. roll	$2.35
Asphalt sheathing, 30-lb. roll	2.60
Dampcourse, 216-ft. roll	2.35
Blue plaster board, 250-ft. roll, 500-ft. roll, 60-lb.	4.40

FELT PAPERS

Deadening felt, ¾-lb., 5-ft. roll	$2.80
Deadening felt, 1-lb.	3.50
Deadening felt, 1½-lb.	4.20
Asphalt roofing, 15 lbs.	1.75
Asphalt roofing, 30 lbs.	2.60
Rosin, sized, 20 lbs.	1.30
Rosin, sized, 25 lbs.	1.70
Rosin, sized, 30 lbs.	1.95
Rosin, sized, 40 lbs.	2.70

ROOFING PAPER

Standard Grade, 108-foot roll:	
Light	$1.80
Medium	2.15
Heavy	2.40
Competitive Grade, 108-ft. roll:	
Light	1.15
Medium	1.40
Heavy	1.65
Extra Heavy	1.90

MILLWORK

INTERIOR FINISH Up to 20' 0"	B&B o.p.	cl. rwd.
1x4, 6 and 8	$120.00	$120.00
1x5, 10 and 12	120.00	120.00
1x14, and 16	160.00	160.00
1x8 & up, glued up	170.00	170.00
Plain S4S stock & Pulley Stiles		116.00
¼x1½		140.00
For straight "A" Grade O. P., add		12.00
For vertical grain, add		12.00
2-inch B and better finish		140.00
Over 12 inches wide, add (for each additional 2 inches)		10.00
For rough, deduct		5.00
Battens, 5/16x3 or 4		110.00
Drawer bottom, 5/16 T&G		60.00
Mouldings, O. P. and Redwood		1.20
Grounds, O. P. or Redwood		.80
Set up charges (min.) per ea.		2.25
Stock window frames		4.50
Stock fir doors (Colonial)		4.75

LUMBER

DOUGLAS FIR	No. 1	No. 2	No. 3
Common, 2-in. thick	$55	$53	$45
" 1-in. x 6- & 8-in.	64	62	54
" 1-in. x 10-in.	62	60	53
" 1-in. x 12-in.	65	63	55

REDWOOD

No. 1 Heart Common, 2-in.	$75.00
1-in. x 6-in.	86.00
No. 2 Heart Common, 2x6-in.	65.00
1-in. x 6-in.	59.00

Due to excessive demand by Armed Forces for 1-inch boards, the mills have been given increases temporarily.

FIR FLOORING	No. 2	No. 3
Cl, V. G., 1x4	$105.00	$98.00
1x6	115.00	105.00
Cl, S. G., 1x4	93.00	80.00
1x6	91.00	88.00
FIR CEILING		
Cl, S. G., 1x4	82.00	79.00
1x6	90.00	87.00
REDWOOD RUSTIC	(A)	(B)
1x 8	105.00	100.00
1x10	125.00	110.00

SHINGLES	Rdw. No. 1	Cedar No. 1
barrels per sq.	$6.75	$6.75
LATH, No. 1	$10.00 per M	

BRICK

Common	$19.00
Face	$45.00 to 60.00
Firebrick	70.00
Paving (Sta.)	45.00

(plus cartage on small job carlots f.o.b. job)

GLASS

	per sq. ft.
Window glass (double strength)	$ .28
Window glass (single strength)	.28
Wire polished plate	1.40
⅛-inch moss or rough	.22
⅛-inch maze or Florentine	.27
¼-inch wire ribbed	.36
¼-inch wire rough	.34

HOLLOW TILE

12x12x2 inches	$ 94.75 per M.
12x12x3 inches	96.00 per M.
12x12x4 inches	108.00 per M.
12x12x6 inches	144.00 per M.

(In lots of 15 tons or over)

REINFORCING STEEL

Less than 2,000 lbs., per cwt. (plus $2.00 per order)	$3.30
2,000 to 9,999 lbs., per cwt.	3.25
10,000 to 12,499 lbs., per cwt.	3.15
12,500 to 39,999 lbs., per cwt. (+ $12.50 switching charges)	3.05
40,000 to 49,999 lbs., per cwt. (+ $12.50 switching charges)	2.80
50,000 lbs. and over, per cwt.	2.82½

Prices f.o.b. warehouse or cars. Add 10c per cwt. for delivery.

WALLBOARD & PLYWOOD

DOUGLAS FIR PLYWOOD

Standard Panels—Sound Two Sides Up to 36 inches long (Prices are per 1,000 sq. ft.)

¼-inch up to 48 inches wide	$59.40
⅜-inch up to 48 inches wide	78.50
½-inch up to 48 inches wide	105.30
⅝-inch up to 48 inches wide	124.10
¾-inch up to 48 inches wide	140.65

WATERPROOF PANELS

Sound Two Sides—Up to 96-in. long

¼-inch up to 48 inches wide	$80.90
⅜-inch up to 48 inches wide	102.35
½-inch up to 48 inches wide	147.20
⅝-inch up to 48 inches wide	173.30
¾-inch up to 48 inches wide	203.00
⅞-inch up to 48 inches wide	254.10
1-inch up to 48 inches wide	285.35
1⅛-inch up to 48 inches wide	318.85

SHEATHING ROUGH

5/16-inch	$47.35
⅜-inch	56.10
½-inch	74.00
⅝-inch	91.50

CONCRETE FORM PANELS

(Made with highly water-resistant glue, and oil treated)

⅝x48x96-inch	$146.00

(NOTE: Under present controls, D. F. plywood may be sold to the trade under AA-1, AA-2 and AA-2X priorities.)

CEMENT

(In paper sacks)	$0.90 per sack
White cement	2.35 per sack
Keene cement	1.95 per sack
Lime	2.80 per bbl.

CONCRETE AGGREGATES

(Delivered to job)

River sand	$2.15 per ton
Sand, gravel and rock	2.10 per ton
Roofing gravel	2.25 per ton

(At bunkers)

River sand	$1.70 per ton
Sand, gravel and rock	1.65 per ton
Roofing gravel	1.80 per ton

READY-MIXED CONCRETE

1.6 mix to 10 yards	$8.55
10 to 100 cubic yards	7.55
Over 100 cubic yards	7.05

Plus Sales Tax; 2% cash discount.

HARDWARE

Nails, per keg, base	$3.95
Nails, 25 to 50 lb. lots	.07
Nails, less than 25 lbs.	.08
Spikes, 8-inch and over, base	4.65
Heavy bevel steel lock sets	1.00
Butts, dull brass plated on steel, 3½x3½	.35
Sash cord, good common grade, per 100 feet, No. 7	1.35
Sash weights, 1-ton lots	75.00
Less than 1-ton lots	95.00

OAK FLOORING

1x3-inch T. & G., fin. 25/32 x 2¼-inch	White Per M. ft.	Red
Clear quartered	$188.75	$164.25
Select quartered	156.25	157.75
Clear plain	159.50	159.50
Select plain	153.00	153.00
No. 1 Common plain	144.55	144.75
½x2½-inch T. & G., fin. 2-inch face		
Clear quartered	157.50	152.50
Select quartered	135.00	136.50
Clear plain	138.25	138.25
Select plain	131.75	130.00
No. 1 Common plain	123.75	123.75
⅜x2½-inch T. & G., fin. 2-inch face		
Clear quartered	139.50	131.50
Select quartered	108.75	112.00
Clean plain	117.00	117.00
Select plain	100.75	102.25
No. 1 Common plain	94.25	94.25
5/16x2-inch Square Edge		
Clear quartered	158.00	140.25
No. 1 Common plain	114.50	114.50
Select quartered	127.25	127.25
Clear plain	133.75	132.25
Select plain	125.75	125.75

MAPLE FLOORING

1x3-inch T. & G., fin. 25/32 x 2¼-inch	
Selected white	$174.50 per M. ft.
First grade	160.00 per M. ft.
Second grade	153.00 per M. ft.
Third grade	130.75 per M. ft.
1x4-inch T. & G., fin. 25/32 x 3¼-inch	
First grade	156.00 per M. ft.
Second grade	151.50 per M. ft.
1¼-in. x 3-in. T. & G., fin. [illegible]	
First grade	168.50 per M. ft.
Second grade	161.25 per M. ft.
⅜x2½-inch T. & G., fin., 2-inch face	
First grade	125.00 per M. ft.
Second grade	109.75 per M. ft.
1x4-in. Square Edge, fin., 25/32x3½"	
Second grade & better	169.25 per M. ft.
Third grade	134.75 per M. ft.

BUILDING TILE

8x5½x12 inches	$108.00 per M.
6x5½x12 inches	84.00 per M.
4x5½x12 inches	60.00 per M.

PAINTS AND OILS

LINSEED OIL, Strictly Pure (basis 7¾ lbs. per gallon).

	Raw	Boiled
Light Iron Drums, per gallon	$1.38	$1.41
5-gallon Cans, per gallon	1.48	1.51
1-gallon Cans, each	1.58	1.61
Quart Cans, each	.45	.46
Pint Cans, each	.25	.26
Half-Pint Cans, each	.15	.16

NOTE: Drums invoiced at $6.00; returnable. Five-gallon steel containers $1.00, returnable.

TURPENTINE (basis 7 lbs. per gal.)	Pure Gum Spirits	Steam Distilled
Light Iron Drums, per gallon	$1.15	$1.05
5-gallon Cans, per gallon	1.28	1.18
1-gallon Cans, each	1.38	1.28
Quart Cans, each	.40	.37
Pint Cans, each	.22	.21
Half-Pint Cans, each	.13	---

NOTE: Drums invoiced at $6.00; returnable.

WHITE LEAD IN OIL (heavy, soft paste and all-purpose)

500-lb. lot at one purchase, in 100-lb. kegs	$0.12¾ per lb.
PAINTERS and INDUSTRIALS	
Less than 500 lbs. in 100-lb. kegs	0.12¾ per lb.
List price	0.13¾ per lb.

RED LEAD IN OIL, 1c per lb. higher.

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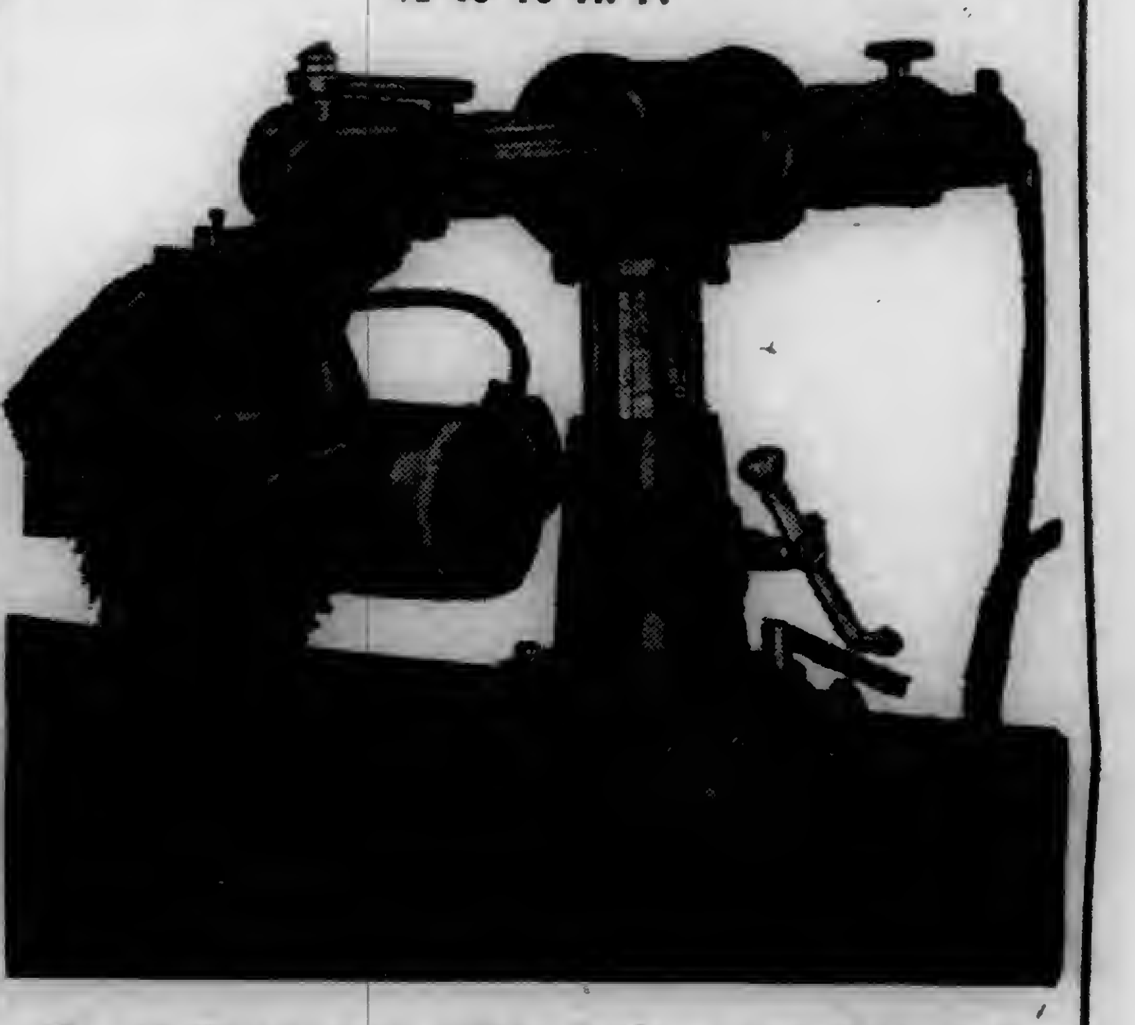
½ to 10 H. P.



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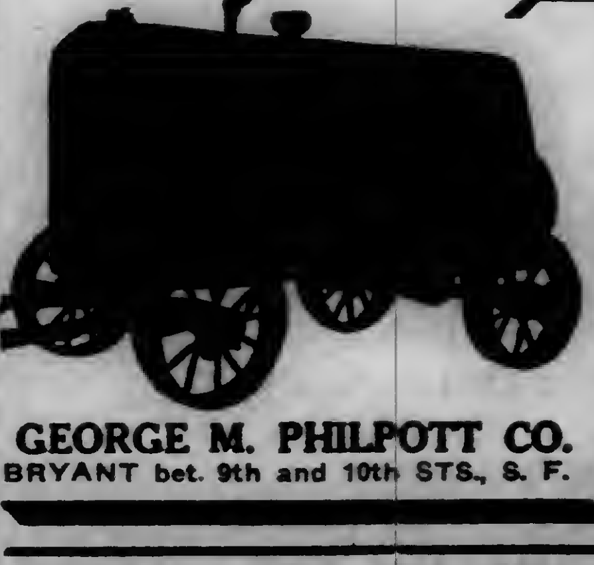

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ADVANCE CONSTRUCTION REPORTS

DAILY PACIFIC BUILDER

(Established 1890)

Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Misc. Supplies and Materials — 20

4— FACTORIES AND WAREHOUSES

January 18, 1946

BIDS OPENED
CANNERY
SAN JOSE, Santa Clara Co., Calif. Cor. Phelan Ave. and Senter Rd.
General construction of a reinforced concrete fruit and vegetable cannery on 23-acre site, consisting of main manufacturing building, boiler house, finished stock warehouse and cold storage unit.
Owner—Beechnut Packing Co., Canajohara, N. Y.
Architect—Binder & Curtis, 35 West San Carlos St., San Jose.

Complete bids follow:

Carl N. Swenson Co., 355 Stockton Ave, San Jose, $552,935.

Earl W. Heple, San Jose, $600,132.

Erbentraut & Summers, San Francisco, $640,400.

Jas. I. Barnes Constr. Co., S. F., $670,000.

Bechtel Bros. & McCone, San Francisco, $690,000.

Parker, Steffens & Pearce, S. F., $690,800.

Peter Kiewit Sons Co., San Francisco, $692,790

Empire Constr. Co., San Francisco, $694,496.

Moore & Roberts, San Francisco, $714,340.

M. & K. Corp., San Francisco, $932,000 (bid includes all mechanical work except electrical).

MacDonald, Young & Nelson, San Francisco, $936,000.

Barrett Hilp, San Francisco, $30,000 fee basis only.

A. Farnell Blair, San Francisco, 6% fee basis only.

Bids under advisement. Announcement within a few days. * * 4

January 18, 1946

SUB-CONTRACTS AWARDED
CREAMERY ADDN. Cost, $80,000
SAN JOSE, Santa Clara Co., Calif.
Addition to Golden State Creamery.
Owner—Golden State Creamery, 400 N. First St., San Jose, and Golden State Co., 425 Battery St, San Francisco.
Architect—W. C. F. Gilliam, 1401 Palm Dr., Burlingame.
Contractor—Bridges Construction Co., 1071 Pine Ave., San Jose.
Plumbing and Sheet Metal—A. J. Peters & Sons, 410 N. Tenth St., San Jose.
Electric Wiring—Roy M. Butcher, 510 W. San Fernando, San Jose.
Heating—Owner.
Foundations — Bridges Construction Co., 1071 Pine Ave., San Jose.
Mill Work—Pacific Manufacturing Co., Santa Clara. 4

January 18, 1946

BIDS OPENED
MECHANICAL WORK
SAN JOSE, Santa Clara Co., Calif. Cor. Phelan Ave. and Senter Rd.
All mechanical work for the construction of a reinforced concrete fruit and vegetable cannery, consisting of a main manufacturing building, a boiler house, finished stock warehouse and cold storage unit. The mechanical work will include heating, plumbing, wiring, fire protection and powerhouse equipment.
Owner—Beechnut Packing Co., Canajohare, N. Y.
Architects—Binder & Curtis, 35 W. San Carlos St., San Jose.

Complete mechanical bids follow:

Fire Protection

Viking Automatic Sprinkler Co., 216 Pine St., San Francisco, $49,900

Barnard Engineering Co., San Francisco, $65,174.

Grinnell Co. of the Pacific, San Francisco, $73,346.

Refrigeration

Eckert-Etienne Engineering Corp., 1263 Folsom St., San Francisco, $70,372.

General Air Conditioning & Heating Co., $71,186.

Electrical

Roy M. Butcher, 510 W. San Fernando, San Jose, $102,651.

Scott-Buttner Electric Co., Oakland, $104,987.

H. S. Tittle Co., San Francisco, $110,674.

Severin Electric Co., San Francisco, $112,776.

Emerson-Newbery Co., Inc., San Francisco, $113,671.

Charles A. Langlais, San Francisco, $119,235.

Plumbing

A J. Peters & Son, 410 N. Tenth St., San Jose, $63,668.

Anderson & Rowe, San Francisco, $77,708.

O'Mara & Stewart, Ltd., San Francisco, $81,554

Scott Co., San Francisco, $109,986.

Heating and Ventilating

A. J. Peters & Son, 410 N. Tenth St., San Jose, $41,332.

Scott Co., San Francisco, $45,697.

O'Mara & Stewart, Ltd., San Francisco, $48,490.

Pacific Electrical & Mechanical Co., San Francisco, $48,950.

Western Piping & Engineering Co., $53,957.

Anderson & Rowe, San Francisco, $55,712.

Associated Piping & Engineering Co., $91,958.

Bids under advisement. Announcement within a few days. * 4

7—FEDERAL BUILDINGS

January 18, 1946

BIDS WANTED

SAN FRANCISCO NAVAL SHIPYARD.—Until February 7, 11 A. M., bids will be received by the Public Works Office, Room 2110 Administration Bldg., San Francisco, under Spec. 17230 for expansion of sheet metal shop and addition to pipefitters' shop at the San Francisco Naval Shipyard.

The work involves construction of a two-story timber frame addition to building No. 217 and two-story additions, together with certain alterations, to building No. 256 in timber construction, which shall be used for industrial shop purposes and which includes the demolition of some existing work, the relocation of partitions and walls, concrete, masonry, floor coverings, asbestos siding, magnesite flooring, ventilation and utilities, all within the Naval Shipyard, San Francisco.

Plans and specifications may be obtained from the officer in charge of construction, Room 2110 Administration Bldg., San Francisco Naval Shipyard, upon deposit of check or postal money order for $30, payable to Chief of Bureau of Yards and Docks. * 7

January 18, 1946

BIDS WANTED

REDONDO BEACH, Los Angeles Co., Calif.—Until February 21, 2 P. M., bids will be received by the Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting and miscellaneous repairs at the U. S. Post Office at Redondo Beach.

Plans and specifications may be obtained from the above office of the district engineer. * 7

January 18, 1946

BIDS WANTED

SAN FRANCISCO.—Until January 30, 2 P. M., bids will be received by the Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for relocating refrigerating compressor and condensing unit in the Rincon Annex Post Office at San Francisco.

Plas and specifications may be obtaied from the above office of the district engineer. * 7

January 18, 1946

BIDS WANTED

SANDPOINT, Idaho.—Until January 30, 2 P. M., bids will be received by the Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for new lighting fixtures and exhaust fans to be installed in the basement office of the U. S. Post Office, Sandpoint, Idaho.

Plans and specifications may be obtained from the above office of the district engineer. * 7

13— PUBLIC BLDGS. FIRE HOUSES, JAILS

January 18, 1946

CONTRACT AWARDED

SAN FRANCISCO. — Western Asbestos Co., 675 Townsend St., at $363, awarded contract by the Department of Public Works, Room 282 City Hall, for installation of acoustical tile in the controller's office, City Hall. * 13

January 18, 1946

PREPARING PLANS
FIRE HOUSE Cost, $20,000
WEAVERVLLE, Trinity Co., Calif.
Construction of fire house with dormitory for 4 pieces of equipment.
Owner — Weaverville Fire District, Weaverville.
Architect—Jas. H. Mitchell, 407 Sansome St., San Francisco. 13

15— SCHOOLS

January 18, 1946

PREPARING PLANS
SCHOOL BLDG. Cost, $50,000
WEAVERVLLE, Trinity Co., Calif.
Construction of a 4-classroom school building with auditorium, kitchen and misc. facilities.
Owner—Weaverville Elementary Sch. District, Weaverville.
Architect—Jas. H. Mitchell, 407 Sansome St., San Francisco. 15

January 18, 1946

PREPARING PLANS
ADDN. TO SCHOOL BLDG. Cost, $45,000
WEAVERVLLE, Trinity Co., Calif.
Construction of addition to existing high school building, including music room, wood shop, 4 school busses, garage and repair unit.
Owner—Trinity County High School District, Weaverville.
Architect—Jas. H. Mitchell, 407 Sansome St., San Francisco. 15

January 18, 1946

COMPLETING PLANS
SCHOOL ADDITION Cost, $46,000
REEDLEY, Fresno County, Calif.
Construction of an art building.
Owner—Reedley Joint Union High School, Reedley.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco. 15

January 18, 1946

COMPLETING PLANS
SWIMMING POOL Cost, $57,000
WASCO, Kern County, Calif.
Construction of a swimming pool.
Owner—Wasco Union High School, Wasco.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco. 15

January 18, 1946

PREPARING PLANS
ADDN. TO SCHOOL Cost, $90,000
ST. HELENA, Napa County, Calif.
Construction of cafeteria, etc., and domestic science building.
Owner—St. Helena Unified School District, St. Helena.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco. 15

January 18, 1946

PREPARING PLANS
SCHOOL BLDG. Cost, $22,000
TAHOE VALLEY, El Dorado Co., Calif. At "V".
Construction of new two-classroom elementary school.
Owner—Lake Valley School District, Tahoe Valley, El Dorado County.
Architect—Gordon Stafford, 809 "K" St., Sacramento. 15

January 18, 1946

PREPARING PLANS
SWIMMING POOL, ETC. Cost, $35,000
LOS BANOS, Merced Co., Cal. Packers Highway and 7th St.
Construction of swimming pool and dressing rooms.
Owner—West Side Union High School District, Los Banos.
Architect—Not Selected. 15

January 18, 1946

PREPARING PLANS
SCHOOL BLDG. Cost, $72,500
MOUNT SHASTA, Siskiyou Co., Cal. Corner Cedar and Alma Streets.
Construction of school building to contain kindergarten two classrooms, cafeteria, gymnasium-auditorium and shop.
Owner—Mt. Shasta Union Elementary School Dist., Mt. Shasta.
Architect—Howard R. Perrin, 1121 Main St., Klamath Falls, Ore. 15

January 18, 1946

PREPARING PLANS
SCHOOL ADDNS. Cost, $60,000
REDDING, Shasta Co., Calif.
Construction of Magnolia Elm School addition of four classrooms, Cypress Elementary School addition of four classrooms, cafeteria and auditorium.
Owner—Redding Elementary School District, Redding.
Architect—J. Clarence Felciano, 4010 Montecito Ave., Santa Rosa. 15

January 18, 1946

PREPARING PLANS
CITY HALL Cost $60000
CRESCENT CITY Del Norte Co. Cal. Block 41 4th and 5th Sts. and G and H Sts.
Construction of new city hall to contain fire and police facilities, public library, etc.
Owner—City of Crescent City, 751 2nd St., Crescent City.
Architect—Frank T. Georgeson, 537 G St., Eureka. 13

January 18, 1946

PLANS COMPLETED
SCHOOL ADDN. Cost, $58,000
SAUSALITO Marin County Calif.
Construction of addition to Central School.
Owner—Sausalito School Dist. Sausalito.
Architect—Walter T. Steilberg No. 1 Orchard Lane Berkeley. 15

January 18, 1946

PLANS COMPLETED
COUNTY HOSPITAL ADDN. Cost $100,000
RED BLUFF, Tehama Co., Calif.
Construction of addition to county hospital.
Owner—County of Tehama, County Clerk, Red Bluff.
Architect—A. W. Story, Chico. 9

January 18, 1946

PREPARING PLANS
SWIMMING POOL Cost, $48,500
DINUBA, Tulare County, Calif.
Costruction of a swimming pool.
Owner—Dinuba Joint Un. High Sch. District, Dinuba.
Architect—Fred L. Swartz, Rowell Bldg., Fresno. 15

January 18, 1946

COMPLETING PLANS
SWIMMING POOL Cost, $18,000
KINGSBURG, Fresno County, Calif.
Costruction of a swimming pool.
Owner—Kingsburg Joint Union High School District, Kingsburg.
Architect—W. D. Coates, Helm Bldg. Fresno. 15

January 18, 1946

PREPARING PLANS
GYMNASIUM Cost, $80,000
DINUBA, Tulare County, Calif.
Construction of gymnasium.
Owner — Dinuba Joint Union High School District, Dinuba.
Architect—Fred L. Swartz, Rowell Bldg., Fresno. 15

January 18, 1946

PREPARING PLANS
SHOP BUILDING Cost, $37,000
DINUBA, Tulare County, Calif.
Construction of shop building.
Owner — Dinuba Joint Union High School District, Dinuba.
Architect—Fred L. Swartz, Rowell Bldg., Fresno. 15

January 18, 1946

COMPLETING PLANS
SCHOOL BUILDING Cost, $83,000
SELMA, Fresno Co., Calif. Young, Sylvania and Washington Sts.
Construction of school building.
Owner — Selma Elementary School District, P. O. Box 330, Selma.
Architect—W. D. Coates, Helm Bldg. Fresno. 15

January 18, 1946

PREPARING PLANS
SCHOOL ADDN. Cost, $25,000
MANTECA, San Joaquin Co., Calif.
Construction of 3-classroom addition to Lindbergh School.
Owner — Manteca Grammar School District, Box 72, Manteca.
Architects—Mayo & Johnson, 307 Exchange Bldg., Stockton. 15

January 18, 1946

PREPARING PLANS
SCHOOL BLDG. Cost, $60,000
ANDERSON, Shasta County, Calif.
Construction of school building to contain 8 classrooms, assembly hall.
Owner—Anderson Elementary School District, Anderson.
Architects—Masten & Hurd, 407 Sansome St., San Francisco. 15

January 18, 1946

PREPARING PLANS
SCHOOL ADDITION Cost, $38,000
REEDLEY, Fresno County, Calif.
Construction of auto mechanical and auto transport bldg.
Owner—Reedley Joint Union High School, Reedley.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco. 15

16— BANKS, STORES AND OFFICES

January 18, 1946

CONTRACT AWARDED

LOS ANGELES, Calif.—C. L. Peck, 354 S. Spring St., Los Angeles, will build a one-story, reinforced concrete store building with mezzanine and basement at Santa Barbara Ave. and Crenshaw Blvd. for Lerner Shops Inc., 356 S. Western Ave., Los Angeles; 75x150 ft. in area, composition roofing, steel sash, concrete floors, tile, plate glass, air conditioning, toilets, painting, plumbing, plastering, electrical work; estimated cost, $150,000.

Plans were prepared by Architect Albert B. Gardner, 408 S Spring St., Los Angeles. 16

19—MISC. CONSTRUCTION

January 18, 1946

BIDS REJECTED

OAKLAND, Alameda Co., Calif.—East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Proposal 1689 rejected all bids for furnishing, driving and testing two 12-inch steel piles in an area north of San Francisco Bay bridge approach. * 19

20— MISC. SUPPLIES AND MATERIALS

January 18, 1946

CONTRACT AWARDED

DENVER, Colo.—Santa Cruz Portland Cement Co., Crocker Bldg., San Francisco, at $97,541, awarded contract by the Bureau of Reclamation, Washington, D. C., for furnishing 50,000 bbls. cement for Friant-Kern Canal. * 20

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Ward Buildings Stockton State Hospital	Stockton	1-29

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Ward Bldgs., Stockton State Hosp., Stockton; Bids open Jan. 29, 2:00 P. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Danforth Building, Oakland; Bids open January 21.
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).
Shaul Constr. Co., 1630 Webster St., Oakland (GLencourt 7400).
California Bldrs. Co., Inc., 350 Hobart St., Oakland (TEmplebar 6780)
Elvin C. Stendell, 105 Gonzalez Drive, San Francisco (JUniper 4-6328).

Conversion Bldg., No. 401, S. F. Naval Shipyard, San Francisco; Bids open January 31, 11 A. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
A. Farnell Blair, 9 Main Street, San Francisco (YUkon 0390).
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).

Exterior Alterations, Southern Pacific Hospital, San Francisco; Bids open January 21, Noon.
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).
Rademann-Giusto, 40 Ringold Street, San Francisco (MArket 8151).

Two Bridges, San Joaquin County; Bids close January 23, 2 P. M.
Carl N Swenson Co., 355 Stockton Ave., San Jose 4 (BAllard 2602).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Laboratory Bldg., Moffett Field; Bids close January 30, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
Carl N. Swenson Co., 355 Stockton Ave., San Jose (BAllard 2602).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054).
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).

Warehouse, 8th and Ohio, Richmond; Bids open January 25, 10 A. M.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Erbentraut & Summers, 446 6th St., San Francisco (MArket 8310).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Biltwell Constr. Co., 4745 Geary Blvd., San Francisco (BAyview 5947)
C. L. Wold Constr. Co., Ltd., 4412-16 Fulton St., S. F. (SKyline 4362).

Nursery and Residence, Valencia St., S. F.; Bids open Jan. 24, 1 P. M.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).
Rademann-Giusto, 40 Ringold Street, San Francisco (MArket 8151).
Midstate Constr. Co., 1297 Bush St., San Francisco (ORdway 4638)
C. L. Wold Constr. Co., Ltd., 4412-16 Fulton St., S. F. (SKyline 4362).

Bldgs., Services, Reserve Fleet Berthing, Mare Island; NOy 13295; Spec. 17459; Bids open February 1, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Peter Kiewit Sons Co., 441 Post St., San Francisco (EXbrook 5736).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).

Garage and Auto Sales Bldg., Burlingame; Bids open Jan. 18, 3 P. M.
Parker, Steffens & Pearce, 135 South Park, S. F. (EXbrook 6639).
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
G. W. Williams Co., 10 California Drive, Burlingame (Burl 4-1796).

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Stainless Steel Tubing

Quantity	Item	Price
7500 ft.	1.9 O.D. x .065 wall brass pipe	.25c per ft.
2200 ft.	1.66 O.D. x .065 wall brass pipe	.20c " "
447 ft.	½-in. copper nickel tubing	.06c " "
5404 ft.	0.5 O.D. x .039 copper nickel tubing	.06c " "
840 ft.	0.5 O.D. x .054 copper nickel tubing	.06c " "
330 ft.	¾-in. brass tubing 1.05 x .065	.08c " "
440 ft.	1-in. brass tubing 1.315 x .065	.10c " "
1370 ft.	1-in. stainless steel tubing 1.310 x .061	.30c " "
48 ft.	1-in. stainless steel tubing 1.315 x .120	.30c " "
744 ft.	3/8-in. red brass tubing .675 x .065	.05c " "
116 ft.	3/8-in. yellow brass tubing .675 x .065	.05c " "
180 ft.	¼-in. 1 PS standard brass pipe	.05c " "
504 ft.	⅛-in. 1 PS standard copper pipe	.05c " "
2220 ft.	.840 x .065 brass tubing	.09c " "
85 ft.	.840 x .065 soft copper tubing	.09c " "
3065 ft.	½-in. brass tubing .540 x .065	.06c " "
5505 ft.	.500 x .039 copper tubing (hard)	.06c " "
3060 ft.	.500 x .039 copper tubing (soft)	.06c " "
1960 ft.	.540 x .065 seamless copper tubing	.06c " "

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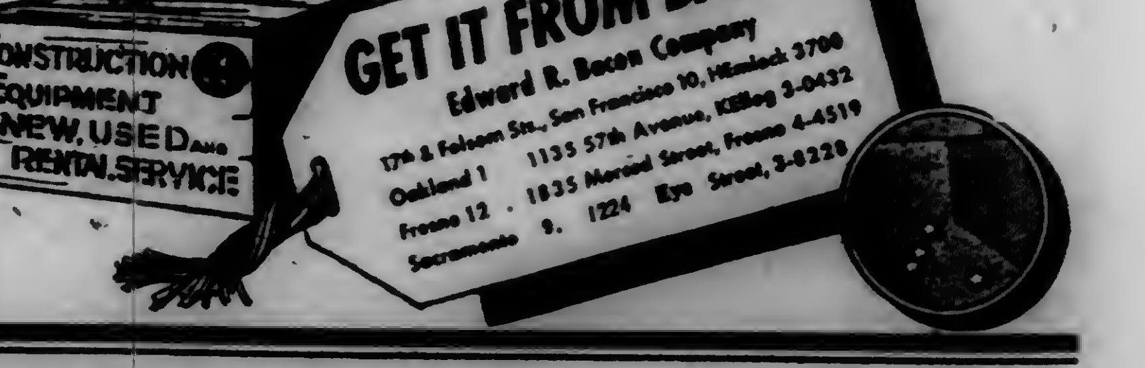
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ADVANCE CONSTRUCTION REPORTS

Engineering Section

NEWS INDEX

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Sewers and Sewage Disposal Plants 32
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Parks and Playgrounds 34
Tunnels 35

21— BRIDGES

January 18, 1946

CONTRACT AWARDED

PORTLAND, Ore. — Marine Contractors, Inc., 8444 NW St. Helens, Portland, Ore., at $269,209.70, awarded contract by the Oregon Highway Commission, Salem, Ore., for construction of the Arthur St. grade separation on SW. Front St., Portland, a concrete viaduct. 21

22— DREDGING, HARBOR WORKS, EXCAVATION

January 18, 1946

FUNDS APPROPRIATED

WASHINGTON, D. C.—Funds have been appropriated for the following War Department, U. S. Engineer Office, river and harbor development projects:

(1) Flood control work, Big Dry Creek reservoir and diversion, California, $435,000; U. S. Engineer Office, Sacramento.
(2) River and harbor improvements, San Joaquin, California, $150,000; U. S. District Engineer Office, Sacramento.
(3) River and harbor improvements, Sacramento River, California, $390,000; U. S. District Engineer, Sacramento.
(4) River and harbor improvements, Suisun Channel, California, $160,000; U. S. District Engineer, Sacramento.
(5) Flood control work, Whittier Narrows reservoir, California, $2,000,000; U. S. District Engineer, Los Angeles.
(6) Flood control work, Santa Fe reservoir, California, $900,500; U. S. District Engineer, Los Angeles.
(7) Flood control work, Los Angeles River, California, $2,000,000; U. S. Engineer, Los Angeles.
(8) River and harbor improvements, Los Angeles and Long Beach harbors, California, $7,100,000; U. S. District Engineer, Los Angeles.
(9) Flood control work, Hot Springs, S. D., $154,000; U. S. District Engineer, Fort Peck, Mont.
(10) Flood control work, Cottonwood Springs reservoir, S. D., $510,000; U. S. District Engineer, Fort Peck, Mont
(11) River and harbor improvements, Columbia River and tributaries, Celilo Falls and Snake River, $100,000; U. S. District Engineer, Portland, Ore.
(12) Flood control work, McKenzie River, Oregon, $62,000; U. S. District Engineer, Portland, Ore.
(13) Flood control work, Cottage Grove reservoir, Oregon, $11,500; U. S. District Engineer, Portland, Ore.
(14) Flood control work, Detroit reservoir, Oregon, $2,000,000; U. S. District Engineer, Portland, Ore.
(15) Flood control work, Dorena reservoir, Oregon, $1,000,000; U. S. District Engineer, Portland, Ore.
(16) Flood control work, Mill Creek, Washington, $125,500; U. S. District Engineer, Portland, Ore.
(17) Flood control work, Mud Mountain reservoir, Washington, $257,000; U. S. District Engineer, Seattle, Wash.
(18) Flood control work, Tacoma, Wash., $700,000; U. S. District Engineer, Seattle, Wash.
(19) Flood control work, Yakima, Wash., $134,000; U. S. District Engineer, Seattle, Wash.

25—MACHINERY AND EQUIPMENT

January 18, 1946

BIDS OPENED

CENTRAL VALLEY PROJECT.—Cyclops Iron Works, 837 Folsom St., San Francisco, at $100,318 and $25.00 per day for engineer services, fob destination, terms net, submitted the low bid January 17 to the U. S. Bureau of Reclamation, Denver, under Spec. 1143 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. bars at Keswick, Calif., one 230-ton, double-trolley, motor-operated overhead traveling crane and one lifting beam for the Keswick power plant, Kennett Division, Central Valley Project, Calif. The apparatus will be installed by the government.

Other bidders were:

Morgan Engrg. Co., Alliance, Ohio, $111,575 and $25 per day for engineers services, fob Alliance, Ohio; terms net.

Lakeside Bridge & Steel Co., Milwaukee, Wis., at $144,000 fob dest., terms net. * * 25

January 18, 1946

BIDS OPENED

OAKLAND, Alameda Co., Calif.—Following bids were received Jan. 16 by the East Bay Municipal Utility District, Daniel Read, Secretary, 512 16th St., Oakland, under Pro. 1703 for two magnetic starters, 500-h.p.:

Allis Chalmers Co., $1,021.50 each.
General Electric Co., $1,604.70 each.
General Electric Supply Corp., $1,604.70 each.
Electric Machinery Mfg. Co., $1,605 each.
Westinghouse Electric Co., $1,604.70 each.
Byron Jackson Co., $1,449 each.

* * 25

January 18, 1946

BIDS OPENED

OAKLAND, Alameda Co., Calif.—Following bids were received Jan. 16 by the East Bay Municipal Utility District, Daniel Read, Secretary, 512 16th St., Oakland, under Pro. 1702 for 1000 ft. of cement-lined seamless steel pipe, 6-inch diameter:

Crane Co., $1,438.60.
Pacific Pipe Line (Alt.) $1.36.
Thaler Pipe & Supply Co. (irregular bid), $105.59 per 100 ft.
Tay-Holbrook Co, $1,438.60.

* * 25

January 18, 1946

BIDS WANTED

WASHINGTON, D. C.—Until Feb. 11, 12 M., bids will be received by the U. S. Maritime Commission, Room 4821, Dept. of Commerce Building, Washington, D. C., for construction of four 560-ft., single screw, turbine-driven cargo vessels for the Ore Steamship Corp., 25 Broadway, New York City. The vessels will have a deadweight tonnage of 240,000 and are powered with an 11,000-h.p. steam turbine.

Specifications available from Room 4852, Department of Commerce Bldg., Washington, D. C. 25

29— STREETS AND HIGHWAYS

January 18, 1946

COMPLETE BIDS

SAN DIEGO, Calif.—As previously reported, Mittry Bros. Construction Co., 4801 San Fernando Rd., West Los Angeles, at $1,338,002.20, submitted low bid to the State Division of Highways, G. T. McCoy, state highway engineer, State Bldg., Los Angeles, for about 2.9 miles of grading and surfacing with portland cement concrete pavement between "A" St. and 0.4 mile south of Mission Valley Rd. in the City of San Diego.

Work involves:

(1) 2,100 c.y. remove concrete;
(2) remove portions of exist. trestle
(3) clear and grubb;
(4) 660 c.y. rdwy. excav.;
(5) 44,000 c.y. struc. excav.;
(6) 20,500 c.y. ditch and channel excavation;
(7) 59,000 c.y. imported borrow;
(8) 5,530,000 sta. yds. overhaul;
(9) 13,000 sq. yds. compact original ground;
(10) 79,000 sq. yds. prepare slopes, slope erosion protection;
(11) 100 tons straw, slope erosion protection;
(12) 5,200 lbs. seed, slope erosion protection;
(13) 11 tons fertilizer, slope erosion protection;
(14) develop water supply and furnish water equipment;
(15) 18,800 M. gals. apply water;
(16) finish roadway;
(17) 15,600 c.y. min. agg. cement treated base;
(18) 6,300 bbls. portland cement, cement treated base;
(19) 180 tons asph. emulsion, paint binder, curing seal and seal coat
(20) 290 tons screenings seal coat;
(21) 6,500 tons bit. surf.;
(22) 74 tons liq. asph. SC-1 or -2, prime coat;
(23) 3,700 tons plant mix surf.;
(24) 2,800 tons asph. concrete base and leveling course;
(25) 1,000 tons asph. conc., type A surf. course;
(26) 30 l.f. raised bars;
(27) 23,200 c.y. portland cement conc. pavement;
(28) 16,500 tie bolt assemblies;
(29) 6 M FBM Douglas fir timber;
(30) 920 c.y. class A Portland cement conc. structs.;
(31) 155 c.y. Class A portland cement conc. ditch lining;
(32) 87,600 lbs. bar reinf. steel;
(33) 1,300 sq. yds. mesh reinf.;
(34) 1,850 c.y. portland cement conc. curbs, gutters and sidewalks;
(35) 170 each monuments;
(36) 600 l.f. laminated guard railing;
(37) 100 each guide posts;
(38) 125 each culvert markers and project markers;
(39) 32,500 l.f. wire mesh fence;
(40) 6 each drive gates;
(41) 68 l.f. 18-in. reinf. concrete pipe, standard strength;
(42) 9,936 l.f. 24-inch do;
(43) 400 l.f. 30-inch do;
(44) 3,340 l.f. 36-inch do;
(45) 2,408 l.f. 39-inch do;
(46) 492 l.f. 42-inch do;
(47) 372 l.f. 48-inch do;
(48) 2,476 l.f. 54-inch do;
(49) 550 l.f. 60-inch do;
(50) 72 l.f. 24-in. do, extra strength;
(51) 352 l.f. 30-inch do;
(52) 296 l.f. 39-inch do;
(53) 360 l.f. 30-in. reinf. concrete pipe 4000-D;
(54) 208 l.f. 36-inch do;
(55) 336 l.f. 39-inch do;
(56) 30 l.f. 18-in. CMP, 16 gage;
(57) 586 l.f. 8-in. perf. metal pipe underdrains, 16 gage;
(58) 230 c.y. filter mtl., underdrains;
(59) 17 each spillway assemblies;
(60) 540 l.f. 8-in. CMP down drains, 16 gage;
(61) 80 each red reflectors;
(62) 340 l.f. salvage existing pipe culverts;
(63) 35 each remove and stockpile existing frames and grates;
(64) construct debris rack;
(65) 37,000 each ice plant cuttings;
(66) 20 each remove and replant oak tree;
(67) engineers office;
(68) 9,800 l.f. metal plate guard railing;

Cribbing

(69) 290 each 8x5-in. x 6-ft. headers concrete cribbing;
(70) 590 each 10x5-in. x 6-ft. do;
(71) 50 each 10x5-in. x 8-ft. do;
(72) 1,040 each 6x6-in. x 6-ft. stretchers, concrete cribbing;
(73) 480 each 8x6-in. x 6-ft. do;
(74) 255 each 10x6-ft. x 6-ft. do;
(75) 60 each filler blocks, conc. cribbing;
(76) 65 each metal header caps, metal cribbing;
(77) construct metal cribbing;

Sanitary Sewers

(78) 1,200 l.f. 6-in. cast iron pipe;
(79) 690 l.f. 8-in. CI pipe;
(80) 1,040 l.f. 10-inch CI pipe;
(81) 1,220 l.f 4-in. vit. clay pipe;
(82) 710 l.f. 6-inch do;
(83) 460 l.f. 8-inch do;
(84) 100 l.f. 10-inch do;
(85) 600 l.f. 12-inch do;
(86) 18 each new sewer manholes;
(87) 200 l.f. 24-in. reinf. conc. manhole rings:
(88) 10 ea adjust manholes to grade;

Sprinkler System

(89) 2,000 l.f. 1½-in. galv. steel pipe;
(90) 6,600 l.f. 2-inch do;
(91) 1,750 l.f. 2½-inch do;
(92) 3,750 l.f. 3-inch do;
(93) 1,200 l.f. 3½-inch do;
(94) 4,350 l.f. 4-inch do;
(95) 4,500 l.f. 5-inch do;
(96) 270 each sprinkler connections;
(97) 3 each bronze 5-in. swing check valves;
(98) 24 each sprinklers;
(99) 3,700 l.f. 6-in. CMP conduit;

Signal System

(100) traffic signal system.

The State will furnish railroad rails for the debris rack and all necessary metal parts for the metal cribbing except header caps.

The total bids submitted were:

(A) Mittry Bros. Construction Co., $1,338,002.20.
(B) E. W. Elliott Construction Co., $1,471,484.05.
(C) H. Earl Parker and N. M. Ball Sons, $1,471,672.50.
(D) V. R. Dennis Construction Co., $1,485,651.75.
(E) Basich Bros. Construction Co. and Basich Bros., $1,485,859.40.
(F) Griffith Co., $1,488,864.75.
(G) Daley Corp., $1,552,130.50.
(H) Bressi & Bevanda Constructors, Inc., $1,586,328.90.
(I) R. E. Hazard, $1,759,391.

Unit prices will be published shortly. * 29

(Continued on Page Eight)

3.8 MILES GRADING, PAVING, SAN JOAQUIN COUNTY

SAN JOAQUIN COUNTY, Calif.—M. J. B. Construction Co., 322 Elks' Bldg., Stockton, at $372,835.75, submitted low bid Jan. 16 to State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about three and eight-tenths miles in length to be graded and paved with portland cement concrete, between Grant Line Rd. and Mossdale, in San Joaquin County.

The work involves:

(1) 30 cu. yds. remove concrete;
(2) 203 sta. clearing and grubbing;
(3) 14,500 cu. yds. roadway excavation;
(4) 1000 cu. yds. ditch and channel excavation;
(5) 1100 cu. yds. structural excavation;
(6) 54,700 cu. yds. imported borrow, type A;
(7) 278,300 cu. yds. imported borrow, type B;
(8) 10,000 sq. yds. compact original ground;
(9) develop water supply and furnish water equipment;
(10) 16,200 M gallons apply water;
(11) 203 sta. finish roadway;
(12) 30,500 tons untreated rock base;
(13) 65 tons liquid asphalt SC-2 prime coat and penetration treatment;
(14) 10 cu. yds. sand prime coat;
(15) 55 tons asphaltic emulsion armor coat, paint binder and seal coat;
(16) 750 tons screenings armor coat and seal coat;
(17) 2300 tons minimum aggregate plant mix surfacing;
(18) 115 tons paving asphalt plant mix surfacing;
(19) 560 lin. ft. raised bars;
(20) 9675 cu. yds. portland cement concrete pavement;
(21) 7000 each tie bolt assemblies;
(22) 35 cu. yds. class A portland cement concrete structures;
(23) 21 cu. yds. portland cement concrete curbs;
(24) 9 cu. yds. portland cement concrete sidewalks;
(25) 30 each monuments;
(26) 200 lin. ft. guard railing;
(27) 160 lin. ft. move and reconstruct existing guard railing;
(28) 110 each culvert markers and guide posts;
(29) 0.6 mile new property fence, type A;
(30) 0.7 mile new property fence, type B;
(31) 2 each drive gates;
(32) 0.6 mile remove and reconstruct existing property fences;
(33) 130 lin. ft. 8-in. CMP, 16-gage;
(34) 398 lin. ft. 12-in. CMP downdrains, 16-gage;
(35) 900 lin. ft. 18-in. CMP, 16-gage;
(36) 24 lin. ft. 24-in. CMP, 14-gage;
(37) 176 lin. ft. 48-in. CMP, 12-gage;
(38) 142 lin. ft. 24-in. CMP siphon, 14-gage;
(39) 6 each field joints for siphons;
(40) 6 each spillway assemblies;
(41) 1 each drainage gate;
(42) 1 each slide headgate;
(43) 90 lin. ft. salvage existing pipe culverts;
(44) 90 lin. ft. relay salvage CMP;
(45) 6300 lbs. bar reinforcing steel;
(46) 12 each ruby reflectors;
(47) engineer's office and appurtenances.

Total bids were:

(A) M. J. B. Construction Co., Stockton, $372,813.25.
(B) Fredrickson & Watson Construction Co., Oakland, $410,297.79.
(C) Louis Biasotti & Son, Stockton, $416,225.80.
(D) A. Teichert & Son, Sacramento, $421,050.
(E) Marshall & Hanrahan, Redwood City, $433,202.40.
(F) Charles L. Harney, San Francisco, $447,067.75.
(G) Gunnar Corporation, Pasadena, $480,386.80.

Unit prices were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 6.00	$ 3.50	$ 4.00	$ 3.00	$ 5.00	$ 7.60	$ 5.00
(2)	10.00	8.25	25.00	18.00	25.00	7.50	15.00
(3)	.40	.33	.40	.44	.75	.28	.80
(4)	.80	1.15	.80	.70	.70	.76	2.00
(5)	1.50	2.25	1.25	2.00	3.00	3.00	2.00
(6)	.80	.95	.77	.91	.90	.86	.90
(7)	.40	.47	.53	.55	.53	.61	.60
(8)	.07	.05	.12	.03	.10	.10	.10
(9)	1000.00	5800.00	2000.00	1700.00	5000.00	1800.00	6000.00
(10)	1.30	1.47	1.25	1.40	1.50	1.66	1.50
(11)	6.00	9.40	12.00	10.00	10.00	12.70	10.00
(12)	1.65	1.52	1.53	1.37	1.50	1.65	2.60
(13)	20.00	23.50	22.50	21.00	16.00	20.00	20.00
(14)	5.00	5.40	5.00	5.00	1.50	6.00	5.00
(15)	30.00	30.00	30.00	41.00	22.00	26.00	30.00
(16)	4.00	4.00	4.70	4.50	3.50	5.35	4.00
(17)	4.00	3.90	4.25	3.65	4.50	4.25	4.00
(18)	17.00	17.00	12.55	17.80	17.00	17.50	17.00
(19)	1.00	1.15	1.00	1.00	1.00	1.05	1.00
(20)	10.15	10.60	10.75	10.40	10.00	10.35	10.00
(21)	.60	.58	.55	.60	.75	.57	.60
(22)	40.00	58.00	40.00	55.00	45.00	40.00	50.00
(23)	30.00	35.00	35.00	32.00	45.00	33.00	40.00
(24)	30.00	35.00	30.00	27.00	45.00	30.00	40.00
(25)	4.00	4.00	4.00	4.50	5.00	4.00	5.00
(26)	3.00	2.00	2.00	2.70	3.50	2.10	2.50
(27)	2.50	1.50	1.75	1.50	3.50	1.66	1.50
(28)	3.50	4.35	4.00	4.50	2.50	2.50	4.00
(29)	800.00	880.00	800.00	1140.00	500.00	1215.00	900.00
(30)	950.00	1000.00	1100.00	1350.00	800.00	1525.00	800.00
(31)	35.00	44.00	50.00	60.00	40.00	40.00	35.00
(32)	700.00	600.00	500.00	960.00	500.00	1760.00	500.00
(33)	1.20	1.10	1.50	1.20	1.25	1.20	1.30
(34)	1.50	1.48	1.60	1.60	1.60	1.65	1.70
(35)	2.10	2.18	2.25	2.30	2.50	2.45	2.30
(36)	3.50	3.15	3.25	3.40	3.40	3.50	3.20
(37)	8.00	8.00	9.00	9.00	10.00	9.00	9.00
(38)	4.50	4.35	4.50	4.80	4.50	5.10	3.20
(39)	15.00	12.25	15.00	15.00	25.00	24.00	10.00
(40)	30.00	20.00	22.50	15.00	20.00	22.00	20.00
(41)	45.00	40.00	50.00	50.00	40.00	52.00	75.00
(42)	48.00	45.00	60.00	55.00	75.00	68.00	80.00
(43)	1.00	1.00	1.00	.45	1.50	1.10	1.00
(44)	1.00	1.00	1.00	.45	1.50	.84	1.00
(45)	.09	.08	.09	.07	.10	.083	.09
(46)	2.50	3.50	2.50	2.50	3.00	3.20	2.00
(47)	1500.00	2750.00	3000.00	1200.00	1000.00	1575.00	2000.00

3.3 MILES GRADING, SURFACING, ETC., COLUSA CO.

COLUSA COUNTY, Calif.—Harms Bros., Route 4, Box 2220, Sacramento, at $219,031 submitted low bid January 16 to the State Division of Highways, G. T. McCoy, State Highway Engineer, Public Works Bldg., Sacramento, for about 3.3 miles in length to be graded and surfaced with plant mix surfacing on cement treated base and a reinf. concrete bridge to be constructed across Cortina Creek, between 3 miles north of Arbuckle and 4 miles south of Williams, in Colusa County.

The work involves:

(1) 76 c.y. remove conc. structs.;
(2) 1360 c.y. remove conc. pave.;
(3) 176 sta. clear and grubb;
(4) 20,000 c.y. roadway excav.;
(5) 2750 c.y. struct. excav.;
(6) 750 c.y. ditch and channel excav.;
(7) 76,000 c.y. imported borrow, type A;
(8) 27,500 c.y. do, type B;
(9) develop water supply and furnish water equipment;
(10) 2975 M gals. apply water;
(11) 176 sta. finish roadway;
(12) 1900 tons gravel base;
(13) 15,000 tons min. agg., CEE;
(14) 15,000 tons min. agg. cement-treated base;
(15) 46 tons asphaltic emulsion curing seal;
(16) 335 tons screenings, seal coat;
(17) 40 tons asph. emulsion seal coat;
(18) 8200 tons min. agg. plant mix surfacing;
(19) 375 tons paving asphalt plant mix surfacing;
(20) 57 tons sand prime coat and penetration treatment;
(21) 23 tons liquid asphalt SC-1 or 2 prime coat and pene. treatment;
(22) 895 c.y. class A portland cement concrete structures;
(23) 127,000 lbs. bar reinf. steel;
(24) 670 l.f. timber bridge railing;
(25) 1650 l.f. furnish concrete piles;
(26) 30 each drive do;
(27) 26 each monuments;
(28) 60 l.f. lam. guard rail;
(29) 26 each culvert markers;
(30) 55 each guide posts;
(31) 216 l.f. 12-in. CMP, 16 gage;
(32) 48 l.f. 18-inch do;
(33) 951 l.f. 24-in. CMP, 14 gage;
(34) 98 l.f. 30-inch do;
(35) 150 l.f. salvage exist. pipe culverts;
(36) 120 l.f. relay salvaged do:
(37) remove existing bridge.

Total bids were:

(A) Harms Bros., Sacramento, $219,031.
(B) E. B. Bishop, Orland, $236,681.50.
(C) A. R. McEwen and C. M. Syar, Sacramento, $248,657.50.
(D) J. R. Reeves, Sacramento, $281,546.75.
(E) Parish Bros., Benicia, $311,069.
(F) Guerin Bros., South San Francisco, $370,261.

Unit prices were:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 5.00	$ 4.00	$ 10.00	$ 6.00	$ 10.00	$ 10.00
(2)	2.00	2.50	2.00	2.50	3.75	4.00
(3)	15.00	6.00	20.00	10.00	10.00	25.00
(4)	.20	.25	.45	.34	.38	.67
(5)	2.00	2.50	.45	1.50	2.75	3.00
(6)	1.00	1.30	.45	.90	1.00	2.00
(7)	.55	.65	.80	.92	1.25	1.25
(8)	.50	.60	.77	.70	1.00	1.25
(9)	1500.00	600.00	2800.00	800.00	2000.00	1500.00
(10)	1.50	1.80	1.50	.200	1.75	2.00
(11)	8.00	10.00	10.00	10.00	10.00	12.00
(12)	1.50	1.00	2.00	1.10	1.65	1.00
(13)	2.15	2.40	2.25	3.20	2.17	4.50
(14)	2.50	2.70	2.40	2.62	2.55	2.90
(15)	40.00	42.00	23.00	35.00	35.00	25.00
(16)	5.00	5.00	5.00	4.00	4.65	4.50
(17)	40.00	50.00	23.00	35.00	26.00	25.00
(18)	2.70	2.60	3.00	3.48	3.70	4.50
(19)	18.50	20.00	18.00	18.00	17.50	17.00
(20)	2.50	5.00	5.00	3.00	5.85	4.50
(21)	22.00	30.00	23.00	20.00	26.00	20.00
(22)	38.00	36.50	36.00	45.00	42.00	43.00
(23)	.06	.07	.055	.06	.068	.06
(24)	2.50	3.00	2.00	1.20	3.00	3.00
(25)	2.25	3.00	1.50	2.00	3.75	2.10
(26)	175.00	140.00	150.00	200.00	150.00	200.00
(27)	4.00	3.00	4.00	6.00	4.00	5.00
(28)	2.50	3.00	2.00	4.00	2.10	2.50
(29)	3.00	3.00	4.00	4.00	3.50	5.00
(30)	3.00	3.00	4.00	4.00	3.50	5.00
(31)	1.40	2.00	2.00	1.70	1.85	2.00
(32)	2.20	3.00	3.00	2.60	2.40	3.00
(33)	3.00	4.00	4.00	2.85	3.45	4.00
(34)	4.00	6.00	5.00	3.40	4.55	5.00
(35)	1.00	1.00	1.00	1.00	1.00	2.00
(36)	1.00	1.00	1.00	1.00	1.00	1.50
(37)	1500.00	750.00	2000.00	1200.00	2000.00	3000.00

OVERCROSSING, PENINSULAR AVE., SAN MATEO

SAN MATEO COUNTY, Calif.—Macco Construction Co., Freight and Ferry Sts., Oakland, at $281,956, submitted low bid January 16 to the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for a structural steel overcrossing to be constructed over Bay Shore Freeway at Peninsular Ave. in the City of San Mateo.

Work involves:

(1) 800 c.y. struc. excav.;
(2) 1,600 c.y. Class A portland cement concrete;
(3) 1,632,000 lbs. furnish struc. steel;
(4) 1,632,000 lbs. erect do;
(5) 11,500 lbs. cast steel;
(6) 20,000 lbs. cast iron stairway treads;
(7) 12,864 l.f. furnish conc. piles;
(8) 268 each drive concrete piles;
(9) 280,000 lbs. furnish bar reinf. steel
(10) 280,000 lbs. place do;
(11) 352 l.f. pipe handrail;
(12) 1,920 l.f. steel railing;
(13) lighting equipment;
(14) misc. items of work.

Total bids were:

(A) Macco Construction Co., Clearwater, $281,956.
(B) Clinton Construction Co., San Francisco, $283,177.
(C) A. Soda & Son, Oakland, $286,530.84.
(D) Peter Kiewit & Sons, San Francisco, $286,718.
(E) Guy F. Atkinson Co., San Francisco, $289,513.80.
(F) Carl N. Swenson Co., San Jose, $296,434.20.
(G) Robert McCarthy Co., San Francisco, $297,554.96.
(H) M. & K. Corp., San Francisco, $397,776.20.
(I) Chas. L. Harney, San Francisco, $297,965.
(J) George Pollock Co., Sacramento, $304,975.
(K) S. J. Amoroso & Son Construction, San Francisco, $306,875.
(L) Fredricksen & Watson Construction Co., $31,440.60.
(M) J. H. Pomeroy, Inc., San Francisco, $320,450.
(N) Harry J. Oser and Joe Gerrick, San Francisco, $322,350.
(O) Earl W. Heple, San Jose, $323,766.20.
(P) E. W. Elliott Construction Co., San Francisco, $332,973.76.
(Q) Pittsburg-Des Moines Steel Co., Mountain View, $334,436.20.

Unit prices follow:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
(A)	$3.00	$35.00	$.075	$.015	$.20	$.20	$2.00	$30.00	$.035	$.01	$4.00	$5.00	$8000.00	$5000.00
(B)	3.50	36.40	.071	.016	.27	.25	1.75	53.00	.035	.01	4.00	4.70	8400.00	3900.00
(C)	2.50	30.00	.075	.0125	.40	.23	1.75	80.00	.04	.01	5.00	7.00	7500.00	3878.84
(D)	3.50	25.00	.071	.024	.30	.30	2.00	53.00	.04	.013	10.00	5.80	9000.00	1000.00
(E)	2.50	36.00	.075	.02	.39	.20	1.70	50.00	.035	.01	3.75	5.00	6000.00	1600.00
(F)	4.50	30.00	.075	.015	.25	.33	1.80	58.00	.04	.01	4.25	7.70	7500.00	12000.00
(G)	4.18	26.12	.082	.019	.426	.324	1.91	56.63	.041	.011	4.04	5.14	8775.00	1835.00
(H)	4.00	32.00	.079	.017	.30	.30	1.95	55.00	.0375	.012	9.70	5.25	8985.00	1090.00
(I)	3.25	34.00	.075	.02	.34	.265	1.90	57.00	.033	.015	10.20	5.10	8750.00	1425.00
(J)	5.00	27.75	.07	.03	.45	.30	2.00	60.00	.04	.012	6.00	6.00	10000.00	2200.00
(K)	3.00	35.00	.07	.02	.40	.25	2.00	45.00	.04	.015	4.00	7.20	8575.00	15000.00
(L)	3.00	39.00	.078	.02	.33	.24	1.90	57.00	.024	.023	4.00	6.70	8485.00	5475.00
(M)	5.90	35.00	.084	.021	.25	.25	2.00	60.00	.043	.011	4.50	5.50	9720.00	1703.00
(N)	2.00	36.00	.083	.025	.28	.27	2.00	59.00	.04	.01	5.50	8.75	8842.00	2500.00
(O)	3.00	35.00	.085	.022	.45	.28	1.80	55.00	.045	.01	6.00	5.50	9000.00	5000.00
(P)	4.00	28.00	.10	.015	.48	.36	2.04	60.00	.04	.02	6.85	5.75	9500.00	2500.00
(Q)	3.00	45.50	.082	.02	.35	.30	1.80	55.00	.04	.0185	6.00	8.00	9000.00	2000.00

FIVE SLAB BRIDGES, ETC., TEHAMA COUNTY

TEHAMA COUNTY, Calif. — As previously reported, J. D. Proctor, Monadnock Bldg., San Francisco, and Dragline Rentals, P. O. Box 247, Point Richmond Station, at $378,765.17, submitted low bid January 16 to the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for construction of five reinforced concrete slab bridges and widening of two existing concrete bridges at various locations between Los Molinos and Red Bluff in Tehama County.

Work involves:

(1) remove bridge No. 8-17 and concrete abutment;
(2) 220 c.y. remove concrete;
(3) 230 c.y. rdwy. excav.;
(4) 1,050 c.y. struct. excav.;
(5) 500 c.y. imported borrow;
(6) 4,115 tons liq. asph. MC-2 pene. treatment;
(7) 856 l.f. timber bridge rail;
(8) 4,965 c.y. Class A portland cement concrete;
(9) 41,459 l.f. furnish steel piling;
(10) 685 each drive steel piles;
(11) 60 c.y. light riprap;
(12) 40 l.f. 24-in. CMP, 14 gauge;
(13) 963,000 lbs. furnish bar reinf. steel;
(14) 963,000 lbs. place do,
(15) 20 c.y. broken conc. masonry;
(16) 105,500 lbs. misc. iron and steel;
(17) 4,744 l.f. steel railing;
(18) 254 l.f. temp. timber guard rail;
(19) 24 each portable timber barricades;
(20) misc. items of work.

Total bids were:

(A) J. D. Proctor and B. W. Kuhn, San Francisco, $378,409.17.
(B) Fred J. Maurer & Son, Eureka, $379,775.50.
(C) Guy F. Atkinson Co., San Francisco, $406,926.50.
(D) J. P. Brennan and E. B. Bishop, Orland, $412,012.50.
(E) R. A. Westbrook, Sacramento, $418,333.30.
(F) Fredricksen & Watson Construction Co., Oakland, $432,578.

Unit prices were:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$5000.00	$2000.00	$1500.00	$1375.00	$5000.00	$3970.00
(2)	5.00	8.00	12.00	15.00	20.00	7.15
(3)	10.00	1.00	.70	.66	2.50	2.10
(4)	2.00	4.00	1.90	6.00	2.50	3.00
(5)	3.00	.75	.80	.74	4.00	2.40
(6)	70.00	40.00	40.00	26.50	50.00	60.00
(7)	2.50	2.00	2.00	2.50	3.00	2.40
(8)	34.00	32.00	40.00	35.20	35.00	39.40
(9)	1.63	1.90	1.90	1.79	1.70	2.00
(10)	40.00	40.00	36.00	52.30	76.00	46.80
(11)	6.00	6.00	8.00	17.00	20.00	9.50
(12)	3.25	3.40	4.50	5.00	5.00	4.75
(13)	.04	.0358	.035	.0397	.04	.03
(14)	.015	.015	.017	.015	.01	.024
(15)	20.00	10.00	16.00	19.00	40.00	24.00
(16)	.20	.22	.15	.3125	.20	.23
(17)	5.00	6.00	5.60	5.06	5.00	5.75
(18)	2.00	2.00	4.50	1.70	5.00	4.00
(19)	15.00	20.00	22.00	22.00	50.00	27.00
(20)	1000.00	2000.00	1200.00	1250.00	7000.00	2850.00

1.5 MILES GRADING AND SURFACING, KINGS COUNTY

KINGS COUNTY, Calif. — W. C. Railing, 27 Lowell St., Redwood City, at $70,408.25, submitted low bid Jan. 16 to the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about one and five-tenths miles in length to be graded and surfaced with road mix surfacing between fifth standard parallel south and 1.5 miles north in Kings County.

The work involves:

(1) clearing and grubbing;
(2) 10,100 cu. yds. roadway excavation;
(3) 8000 sq. yds. compact original ground;
(4) 700 cu. yds. structural excavation;
(5) 40 cu. yds. ditch excavation;
(6) 31,000 cu. yds. imported borrow;
(7) 5100 cu. yds. imported subgrade material;
(8) develop water supply and furnish water equipment;
(9) 1200 M gallons apply water;
(10) 78 sta. finish roadway;
(11) 3650 tons minimum aggregate road mix surfacing;
(12) 26,500 sq. yds. mix and compact road mix surfacing;
(13) 205 tons liquid asphalt SC-3 road mix surfacing;
(14) 25 tons liquid asphalt SC-2 prime coat;
(15) 18 cu. yds. class A portland cement concrete structures;
(16) 650 lbs. bar reinforcing steel;
(17) 15 each monuments;
(18) 16 each culvert markers;
(19) 411 lin. ft. 24-in. reinforced concrete pipe, standard strength;
(20) 134 lin. ft. salvage existing pipe culverts.

Total bids were:

(A) W. C. Railing, Redwood City, $70,408.25.
(B) George E. French, Visalia, $75,989.50.
(C) Phoenix Construction Co., Bakersfield, $77,090.50.
(D) Milo A. Brown, Palo Alto, $82,128.
(E) J. Henry Harris, Berkeley, $82,152.95.
(F) Louis Biasotti & Son, Stockton, $84,490.25.
(G) Combs Bros., Bakersfield, $94,528.25.
(H) Volpa Bros., Fresno, $88,353.
(I) Brown, Doko & Baun, Pismo Beach, $96,996.
(J) J. E. Haddock, Ltd., Pasadena, $104,716.50.
(K) Guerin Bros., $118,135.50.

Unit prices were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	$ 426.25	$ 800.00	$ 500.00	$2500.00	$1523.00	$1000.00	$1000.00	$3700.00	$2000.00	$1825.00	$2000.00
(2)	.40	.30	.40	.80	.51	.50	.45	.75	.75	.94	1.00
(3)	.05	.05	.15	.20	.07	.10	.10	.10	.10	.075	.10
(4)	2.00	1.75	2.00	2.00	1.75	2.00	1.50	4.00	1.75	4.80	2.00
(5)	2.00	1.75	2.00	1.00	4.00	1.00	2.50	4.00	2.00	2.50	1.50
(6)	1.00	1.16	1.30	1.15	1.12	1.37	1.70	1.25	1.60	1.52	2.13
(7)	1.68	1.75	1.50	1.65	1.93	1.82	1.85	1.70	2.25	2.20	2.15
(8)	500.00	200.00	500.00	2500.00	500.00	500.00	500.00	750.00	500.00	1000.00	1000.00
(9)	1.25	1.40	2.50	1.25	1.61	1.50	1.75	1.50	2.00	2.25	2.00
(10)	12.00	12.00	10.00	6.00	13.70	12.50	12.50	10.00	10.00	12.50	12.00
(11)	3.30	3.40	2.50	3.20	3.99	3.25	3.35	3.20	3.00	4.25	3.25
(12)	.08	.10	.08	.08	.10	.08	.09	.10	.10	.125	.15
(13)	19.00	18.60	13.50	15.00	19.30	19.00	16.15	16.00	16.00	17.50	15.00
(14)	25.00	23.00	14.00	16.00	18.42	19.00	20.90	30.00	20.00	21.25	20.00
(15)	50.00	50.00	40.00	40.00	62.00	40.00	55.00	50.00	60.00	80.00	50.00
(16)	.06	.11	.10	,12	.23	.10	.10	.20	.10	.10	.10
(17)	4.00	5.00	6.00	4.00	4.65	5.00	4.75	10.00	4.00	7.00	5.00
(18)	6.00	5.00	5.00	4.00	4.65	5.00	4.75	10.00	4.00	3.75	5.00
(19)	4.00	5.00	5.00	4.00	5.00	4.25	3.75	6.00	4.00	3.75	4.00
(20)	1.00	1.00	2.00	1.00	2.80	1.00	1.00	3.00	2.00	1.25	2.00

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MASTEN & HURD, 407 Sansome St.
HURT, EDGAR B., 582 Market St.
HYDE, WINFIELD H., 706 Butler Building.
HYMAN, SAMUEL LIGHTNER, 68 Post Street.
HYMAN & APPLETON, 68 Post St.

IGAZ, RUDOLPH, Jr., 785 Market St.
IRVINE ,RICHARD R., 3841 18th St.

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JAEHNE, ALFRED H., 2528 25th Avenue.
JOHNSON, ALFRED W., 681 Market Street.
JORGENSEN, MARK T., 60 Santa Ana Avenue.
JOSEPH, BERNARD J., 631 O'Farrell Street.
KENT, THOMAS J., 525 Market St.
KENT & HASS, 525 Market Street.
KEYSER, LAWRENCE, 701 Parnassus Avenue.
KNOLL, A. H., 726 Sutter Street.
KNOWLES, WM. H., 369 Pine Street.
HERTZKA & KNOWLES, 369 Pine.
KRAFFT, ELMER J., 760 Market St.
KRUSE, LAWRENCE A., 251 Kearny Street.
KUHN, ALFRED, 206 Castenada Ave.
KUMP, ERNEST J., 251 Kearny St.

LAMB, ARTHUR H., 251 Kearny St.
LANGHORST, FREDERICK L., 447 Sutter Street.
LEASEN, HARRY J., 1710 10th Ave.
LLOYD, F. E., 210 Post Street.
LOVELL, H. K., 185 32nd Avenue.

MAHER, EDWARD J., 369 Pine St.
BLANCHARD & MAHER, 369 Pine.
MASTEN, CHARLES F., 407 Sansome Street.
MASTEN & HURD, 407 Sansome St.
MASTEN, J. KENDALL, 2001 Sacramento Street.
MASTROPASQUA, LOUIS, 2434 Union Street.
MAURY, CHAS. F., 1617 Lyon Street.
MacDONALD, EARL R., 203 Garden Lane, Colma.
McCARTHY, FRANCIS J., 693 Mission Street.
McCREA, GEORGE E., 285 7th St.
McGUINNESS, JAMES F., 488 Pine Street.
McSWEENY, A. McF., Hearst Bldg., Third and Market Sts.
McSWEENEY, ANGUS, 514 Mission Street.
RESING & McGUINNESS, 486 Pine Street.
McLAUGHLIN, RICHARD A., 618 20th Avenue.
MERCHANT, Wm. G., 57 Post Street.
MEYER, FREDERICK H., 406 Montgomery Street.
MICHELSEN, HARRY M., 80 Madrone Street.
MILLER, JAMES R., 580 Market St.
MILLER & PFLUEGER, 580 Market Street.
MINTON, HENRY A., 1045 Sansome Street.
MITCHELL, JAS. H., 407 Sansome.
MOHR, NORMAND W., 481 Noe St.
MOONEY, WALTER E., 1229 Ulloa Street.
MOOSER, WILLIAM, 251 Kearny St.
MOOSER, WILLIAM, Jr., 681 Market Street.
MORGAN, JULIA, 465 California St.

NEUMARKEL, EMIL A., 1374 36th Avenue.

OGLOU, VLADIMIR, 2784 Sacramento Street.
OSBORNE, ERLE J., 2518 Pacific Avenue.

PAGE, EDWARD B., 251 Kearny St.
PERRY, WARREN CHAS., 260 California Street.
PETERSON, CLARENCE O., 604 Mission Street.
PEUGH, W. D., 333 Montgomery St.
PFLUEGER, MILTON, 580 Market St.
PFLUEGER, TIMOTHY L., 580 Market Street.
MILLER & PFLUEGER, 580 Market Street.
POLLACK, RALPH N., 700 Steiner Street.
POPE, CHARLES, 308 Laurel Street.

QUANDT, FRED W., 291 Golden Gate Avenue.

RANEY, VINCENT, 233 Post Street.
REID, JOHN, Jr., 405 Montgomery.
REIMERS, FREDERICK H., 79 Post Street.
RESING, EDMUND J., 488 Pine St.
RESING & McGUINNESS, 488 Pine Street.
REYNOLDS & CHAMBERLAIN, 564 Market Street.
RIEDY, D. A., 265 City Hall.
RIST, MARTIN J., 760 Market St.
ROGERS, CHAS. E. J., 760 Market St.
ROLLER, ALBERT F., 620 Market St.
ROWE, WILLIAM HENRY, 214 Front Street.
RUNGE, C. W., 1623 35th Avenue.
RUEGG, THEODORE G., 617 Montgomery Street.

SHARPE, ED. MUSSON, 277 Pine St.
SHAW, FREDERIC, 542 18th Ave.
SHELDON, MARTIN A., 681 Market Street.
SMITH, DONALD POWERS, 58 Sutter Street.
SMITH, WILTON, 1045 Sansome St.
SMITH, THOMAS, 3121 26th Street.
SPACKMAN, WENDELL R., 604 Mission Street.
SPENCER, ELDRIDGE T., 251 Kearny Street.
STARKS, LEONARD F., 904 De Young Bldg., Market and Kearny.
STEWART, JOS. L., 206 Sansome St.
STONE, DOUGLAS D., 381 Bush St.
STRINGHAM, ROLAND I., 251 Kearny Street.
STROTHOFF, CHAS. F., 1857 Market Street.
SWAIN, CLARKSON, 2425 Buchanan Street.

THOMSEN, H. A., Jr., 315 Montgomery Street.
TRAVIS, GEO. W., 426 41st Ave.

WARD, JOSEPH FRANCIS, 369 Pine Street.
WEEKS, HAROLD H., 593 Market St.
WEIHE, ERNEST E., 251 Kearny St.
BAKEWELL & WEIHE, 251 Kearny.
WELLINGTON, WINFIELD SCOTT, 260 California Street.
WHITE, C. BOLTON, 221 Spruce St.
WHITE, HUGH C., 915 Hillcroft Circle.
WIEMEYER, GEORGE H., 704 Market Street.
WICKENDEN, JAMES D., 402 Jackson Street.
WILLARD, STANTON, 1847 29th Avenue.
WILLIAMS, ALBERT R., 251 Post Street.
WILLIAMS, ALFRED C., 1231 Fifth Avenue.
WILLIAMS, MORTON A., 5824 Ocean View Drive.
WILSON, ALECK L., 715 Montgomery Street.
WYNKOOP, FRANK, 821 Market St.
WURSTER, WM. W., 402 Jackson St.
WURSTER & BERNARDI, 402 Jackson Street.

ALAMEDA

ASHCROFT, G. B., 1823 Alameda Avenue.
CORNELIUS, ALBERT, Clinton Ave. and Grand Street.
HASS, ANDREW T., 1711 Palmera Court.
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ALBANY

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ALDERPOINT

HIGBIE, HOWARD W.

ATHERTON

JANSSEN, ARTHUR D., 58 Austin Avenue.

BAKERSFIELD

BIGGAR, CHAS. H., 730 Holtby Rd.
CULLIMORE, C. C., 2329 Truxton Avenue.
WYNKOOP, FRANK, Haberfelde Building.

BELMONT

LARSEN, ALBERT H., Box 69.
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BURLINGAME

BROWN, IRVING FORBES, 1915 Adeline Drive.
GILLAM, W. C. F., 1404 Palm Drive.
McSWEENEY, ANGUS, 112 Pepper Avenue.
NORBERG, ERNEST L., 407 Occidental Avenue.
SHARPS, L. J., 735 W. Poplar St.
SHARPS, LEO J., 1477 Burlingame Avenue.
STEPHEN, WALLACE A., 2025 Carmelita Avenue.
THAYER, OSCAR R., 1257 Cabrillo Avenue.

BERKELEY

ALLEN, HARRIS C., 2514 Hillegass.
ANTHONY, JOHN B., 2829 Forest Avenue.
BALLANTINE, JOHN KNOX, Jr., 1512 La Loma.
CHILDS, ELMER E., 702 Spruce St.
CONFER, FREDERICK L., Hotel Claremont.
De MARS, VERNON, 1195 Euclid Avenue.
DeCHENE, ERNEST R., 716 Arlington Avenue.
DE LONG, SCOFIELD, 2656 Le Conte Avenue.
DeSANNO, RAYMOND, 2584 Milvia Street.
DONOVAN, JOHN J., 950 Parker St.
DRAGON, PAUL L., 2068 Allston Way.
FERREE, HAROLD, 2100 Virginia.
GENSS, HAROLD F., 1319 McGee Avenue.
GOODMAN, MICHAEL, 2422 Cedar Street.
GUTTERSON, HENRY H., 2922 Garber Street.
deLAPPE, RUSSELL GUERNE, Hotel Claremont Bldg.
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HAMMARBERG, PAUL H., 2 Norwood Avenue.
HATCH, JOHN DAVIS, 2631 Hillegass Avenue.
HAYMOND, SCOTT, 2323 Shattuck Avenue.
HAYS, WM. C., 2924 Darby Street.
HUNTER, ALBERT R., 1604 Capistrano.
JEANS, RAYMOND W., 1824 San Pedro Avenue.
JORY, ARTHUR V., 1395 Scenic Ave.
JORY, STAFFORD L., 1370 Euclid Avenue.
KLINKHARDT, GEORGE R., 44 Eucalyptus Road.
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LINDLEY, CHARLES R., 1037 Colusa Avenue.
MAYBECK, BERNARD R., 2751 Buena Vista Way.
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MOISE, HOWARD, 71 Panoramic Way.
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RATCLIFF, W. H., 2323 Shattuck Avenue.
RUSS, E., 3141 College Avenue.
SANFORD, FLORENCE H., 274 Bancroft Way.
SCHMIDTS, CARL R., 2068 Allston Way.
SHAW, NORMAN W., 71 Tunnel Rd.
SIMPSON, HORACE G., 201 Tunnel Road.
STEILBERG, WALTER T., No. 1 Orchard Lane.
TALLEY, WESLEY ANDRES, 51 Maryland Avenue.
THOMAS, JOHN HUDSON, 31 Norwood Avenue.
WAGNER, WALTER E., 775 Vincente Ave.
WELLINGTON, WINFIELD SCOTT, 1525 Arch Street.
WITKIN, ELIZABETH HILLIER, 2712 Shasta Road.
WOLFARD, HAROLD N., 2772 Shasta Road.
YELLAND, W. R., 829 Coventry Rd.

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JONES, ROBERT, Box 927.
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EL CERRITO

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FRESNO

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COATES, W. D., 704 Helm Building.
COLLINS, ALLEN C., 356 Vassar.
FRANKLIN, CHARLES H., 1244 O Street.
HORN, DAVID H., 601 Rowell Bldg.
KUMP, ERNEST J., 1244 O Street.
LAKE, H. RAFAEL, 1205 Mattei Building.
PETERSON, EDW. W., Mason Bldg.
SWARTZ, FREDERICK L., 624 Rowell Bldg.

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HEMPEL, WM. F., 380 Laurel Dr.
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LAMB, ARTHUR H., 209 Oakdale Avenue.
MILANO, J. P., de Silva Island.

MODESTO

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HILBURN, GEORGE N., 1211 K St.

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BROWN, GUY L., 601 Bank of Commerce Building.
BRUNO, HARRY A., 1440 Broadway.
CERRUTI, EDW. D., 426 13th Street.
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CORLETT, WILLIAM G., 1801 Bank of America Building.
DENKE, A. REINHOLD, 634 15th St.
deLAPPE, RUSSELL GUERNE, 5460 Carlton.
ELLINGER, GEO. E., 1801 Casterline Road.
EVANS, JOHN M., 1308 E. 38th St.
FLORES, ERNEST, 2225 9th Avenue.
FORD, LEONARD H., 3361 Bruce St.
FOULKES, EDWARD T., 357 12th Street.
FROBERG, ALBEN, 3454 Harlan St.
GEBHARDT, W. H., 486 Mandana.
GEERING, JOHN HENRY, 3914 Randolph Avenue.
GIBBS, W. ROLAND, 6144 Rockridge Blvd. South.
GOSLINE, RICHARD C., 638 Caldwell Road.
HANIFIN, ARTHUR C., 3202 San Pablo Avenue.
HUDSPETH, JOHN, 427 13th Street.
HUTCHISON, ROBERT A., 3433 Andover Street.
JOHNSON, IRVIN M., 449 MacArthur Blvd.
JOHNSON, HERBERT T., 4716 Reinhardt Drive.
JOHNSON, KEPLAR B., 5347 Golden Gate Avenue.
KEEFER, RAY F., 770 Wesley Ave.
KOUE, A. LEWIS, 428 Thirteenth St.
LUIS, MISS ROSE E., 811 6th St.
MAYHEW, CLARENCE W., 6026 Acacia Street.
McCALL, CHAS. W., 837 Santa Rey Avenue.
MILLER, CHESTER H., Financial Center Building.
MORRISON, MILTON, 3710 Virden Avenue.
MORROW, GERTRUDE C., 6175 Hillegass Avenue.
MORROW, IRVING F., 6175 Hillegass Avenue.
NEWSOM, ARCHIE T., 5951 Contra Costa Road.
OLSON, DAVID, 4051 Kuhnle Ave.
PONSFORD, KEITH E., 1214 Webster Street.
PRICE, OSCAR M., 2025 10th Ave.
REYNOLDS, MALCOLM D., 3833 Piedmont Avenue.
SAWYER, HOUGHTON, 2058 Oakland Avenue.
SCHALK, LOUIS, 5515 Market St.
SCHIRMER, WM. E., 1419 Broadway.
SLOCOMBE, FRANCIS H., 132 Monte Cresta Avenue.
THOMSON, LAWRENCE G., 1308 E. 38th Street.
TREICHEL, CHESTER H., 696 Cleveland St.

ORINDA

ANDERSON, JAMES H., No. 5 Via Hermosa.
SISSON, RALPH C., 11 El Campanero.
WHITE, LAWRENCE R., 30 La Cintilla.
WINTER, ALBERT H., 171 Las Vegas Road.

PALO ALTO

STEDMAN, HENRY MORGAN, 666 Kellogg Avenue.
SUMNER, CHAS. K., Decker Oak Building.
BOYTER, ELIZABETH, 316 Kipling.
CLARK, BIRGE M., 310 University Avenue.
CLARK, DAVID B., 310 University Avenue.
THOMSON, DOLE FORD, 179 Lincoln Avenue.
NICHOLS, LESLIE I., 532 Emerson.
SAWYER, CHARLES, 155 Dana St.
SUMNER, CHAS., 760 University.

PIEDMONT

FARR, ALBERT, 175 Santa Rosa.
NEWSOM, NOBLE, 2083 Oakland Avenue.
BURNETT, HOWARD E., 52 Manor Drive.
CHAPMAN, FREDERICK A., 86 Wildwood Avenue.
GALLION, ARTHUR B., 1074 Annerley Road.
MILWAIN, W. E., 1503 Oakland Ave.

ROSS

WINNER, H. H., Wordsworth Ave.

SAN CARLOS

HODGSON, GILBERT, 1212 Cherry Street.

SALINAS

BUTNER, CHAS. E., 7 Winham St.

SAN JOSE

BINDER, WILLIAM, 35 W. San Carlos Street.
CURTIS, E. N., 35 W. San Carlos St.
HIGGINS, WM. L., 84 S. First St.
JAEKLE, DONNELL E., Builders' Exchange Bldg.
KRESS, EDWARD W., 515 First National Bank Building.
McKENZIE, CHAS. S., 22 S. 7th St.
ROOT, CHESTER, 84 S. First St.
SOBEY, GIFFORD E., 69 S. First St.
WYCKOFF, RALPH, Anglo Bank Building.

SACRAMENTO

CUFF, CLARENCE C., 1315 Q St.
DEAN, CHARLES F., 1407 California State Life Building.
DEVINE, HARRY J., Cronan Bldg.
FRANKLIN, CLIFFORD N., 1739 9th Avenue.
GILLEM, JAMES A., 4701 D Street.
GOODPASTER, HERBERT E., Mitau Building.
HARRISON, FREDERICK S., 1312 Del Paso Blvd.
SATTERLEE, IVAN C., California State Life Building.
SELLON, GEO. C., California State Life Building.
STAFFORD, GORDON, 1825 3rd Ave.
STARKS, LEONARD F., 416 Native Sons' Building.

SAN LEANDRO

KERR, RALPH N., 308 Broadmoor Boulevard.
KREINKAMP, H. A., 684 Maple Court
MOWBRAY, MELTON V., Jr., 756 Rodney Drive.
ROSEBROOK, GUY L., 1706 San Leandro Blvd.

SAN MATEO

COLLINS, HENRY C., No. 9 Aragon Boulevard.
EDWARDS, THOMAS M., 123 Elm Street.
HESS, KENNETH H., 1444 Shafter.
TOEPKE, WM. H., 230 Chesterton Pl.
LANSBURGH, G. ALBERT, 28 W. Fourth Avenue.
ROWE, WILLIAM HENRY, 1035 Lancaster Road, Hillsborough.

SAN RAFAEL

GROMME, CARL F., 110 "B" Street.
LESSWING, SYLVESTER A., 17 Hillcrest Drive.
McDOUGALL, GEO. B., Box 265.

SANTA CRUZ

DUCKERING, LYNN ROLLETT, 27 Front Street.

SANTA ROSA

CAULKINS, C. A., Jr., Rosenberg Building.
FELCIANO, J. CLARENCE, 4010 Montecito Avenue.
HERBERT, WM. F., 1633 Austin Way.

SAUSALITO

BICKEL, REDDICK H., 148 Harrison Avenue.
CONSTABLE, ARNOLD S., 95 Spencer Avenue.
FAVILLE, WM. P., 35 Central Ave.
KETT, CONRAD F. T., 75 Crecienta.

SONOMA

JORGENSEN, VIRGIL W., Route 1, Box 399.

STOCKTON

BISSELL, HOWARD G., 1225 W. Acacia Street.
CLOWDSLEY, J. UPTON, 1767 Lucerne Street.
ERNST, ELMORE G., 501 E. Harding Way.
GALBRAITH, VICTOR, 834 W. Willow Street.
JOHNSON, ERIC, Elks' Building.
LOSEKANN, JOSEPH, 311 E. Market Street.
MAYO, FRANK V., 3119 N. American.
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APPLEFORD, CARL W., 245 Market.

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BLUME, JOHN A., 68 Post Street.
BOGVAD - CHRISTENSEN, VILHELM, City Hall.
BREITE, W. W., 375 Sutter Street.
BROWN, ARCHIBALD A., 461 Market Street.
BRUNNIER, H. J., 612 Sharon Bldg.
BUELL, RAYMOND C., Second Floor Call Building.
BULLEN, ARTHUR C., 2 Pine Street.
BURGESS, E. O., 1200 17th Street.
BUSH, PHILIP LEE, 101 California.

CHACE, THOMAS F., 268 Market St.
CHERNO J., 245 Market Street.
CHEW, RICHARD SANDERS, 844-A Mills Building.
CORWIN, T. J., Jr., 245 Market St.
COTTEN, SHEPARD M., 308 Eddy.

DEGENKOLB, HENRY J., 405 Montgomery Street.
DEWELL, HENRY D., 604 Mission.

EARL, AUSTIN W., 233 Sansome St.
ELLISON ,W. H., 500 Sansome St.
ENGLE, HAROLD MARSHALL, 110 Sutter Street.
FALK, MARK M., 251 Kearny St.
FISHER, ALFRED P., 300 Montgomery Street.

FISHER, R. J., 826 Crocker Building.

GOULD, JOHN J., Financial Center Building.

HALL, FREDERIC F., 251 Kearny.
HAMMILL, HAROLD B., 381 Bush.
HANSON, ROBERT A., 19th and Indiana Streets.
HARRIS, FREDERIC R., Inc., 230 California Street.
HASSENMILLER, WILFORD S., 100 Bush Street.
HAUN, GEORGE CLEVELAND, 580 Market Street.
HAYES, JESSE E., 525 Market St.
HENRY, RODNEY WM., Shell Oil Building.
HILL, GEORGE S., 36 Diamond St.
HJUL, JAMES H., 128 Russ Street.
HUBER, EARL RAYMOND, USFS, Phelan Building.
HUBER, WALTER LeROY, 1 Montgomery Street.

IRVIN, LESLIE A., Fort Winfield Scott.

JAKOBSEN, B. F., Balfour Building.

KEGLER, HOWARD L., 661 29th Avenue.
KELLBERG, F. W., 320 Market St.
KING, STANLEY C., 509 Sansome St.
KNAPIK, EDWARD MATHIAS, 1325 Crocker 1st National Bank Bldg.
KRAFFT, ALFRED J., Phelan Bldg.

LEVY, EDWIN F., 727 17th Avenue.
LITTLE, JOHN GOULDING, 251 Kearny Street.

MARDEL, CHARLES M., 2335 Pacific Avenue.
MEYERHOLZ, R. IVAN, 245 Market.

NISHKIAN, L. H., 1045 Sansome St.

PAQUETTE J. ALBERT, 320 Market Street.
PERKINS, MAC D., 110 Sutter St.
PHILLEO, R. A., CEC Hq., 4th Air Force.
POWERS, H. C., 612 Sharon Bldg.
PREGNOFF, M. V., 251 Kearny St.
RINNE, JOHN E., 225 Bush Street.

ROSENTHAL, HYMAN, 617 Montgomery Street.
ROSENWALD, JESSE, 525 Market.
SAMPSON, RAPHAEL, 333 Montgomery Street.
SAPH, A. V., Jr., Rialto Bldg.
SCHELLENBERG, G. W., 225 Bush.
SEAGE, CLARENCE E., 681 Market Street.
SJOBERG, HAROLD O., 233 Sansome Street.
SKYTTE, JOHANNES, City Hall.
SMITH, HARVEY A., 712 Pacific Building.
SMITH, JAS. M., 251 Kearny Street.
SPITZER, FELIX H., City Hall.
SQUIRE, HARRY EDWIN, 19 Ferry Building.
STEELE, I. CLEVELAND, 245 Market Street.
SWAIN, CLARKSON, 320 Market St.

THAYER, EDWARD S., 1208 Balfour Building.
THEILL, KAJ, 580 Market Street.
THOMPSON, ISADORE, 58 Sutter.
VENSANO, H. C., City Hall.

WASHINGTON, GEO., 417 Market.
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WHITE, FRANK G., 18 Ferry Bldg.
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ZOLLNER, CARL W., 333 Kearny St.

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NEVIUS, SEARLE B., 184 13th St.
O'NEIL, HUGH M., 363 17th Street.
PLANT, FRANCIS B., 858 Alma Ave.
SANDNER, VICTOR R., c/o Moore Drydock Company.
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EWING, M. A., 1120 "N" Street.
FRANCIS, ERNEST D., Cronan Building.
HOLLISTER, LEONARD C., State Bridge Department.
HUTCHINSON, RALPH W., Public Works Building.
ILLERICH, OTTOMAR THEODORE, Public Works Building.
JOHNSON, FRANK A., Public Works Building.
KROMER, CLARENCE HERBERT, Wright Building.
LONG, WALTER J., Department of Public Works.
McGINNESS, ARTHUR R., Old Post Office Building.
MEEHAN, ANDREW J., 2540 Fifth Avenue.
NELLDOV, IVAN M., Public Works Building.
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PURCELL, CHARLES H., 210 Public Works Building.
REYNOLDS, FRANK HOWARD, 905 Forum Building.
ROWE, R. ROBINSON, 339 Public Works Building.
SHIELDS, JAMES RALPH, 206 City Hall.
STOVER, HARVEY D., 327 Public Works Building.
WALKER, ARTHUR V., 1020 "N" St.
WILLETT, ALBERT B., 708 35th St.
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FORT BAKER

BELL, CHARLES LAMBERT.

PALO ALTO

GILL, G. F., 550 Forrest Avenue.
WELLS, JAS. BERTRAND, 846 Lytton Avenue.
WING, CHAS. B., 345 Lincoln Ave.

No. California County and City Engineers

ALAMEDA, Carl Froerer.
ALAMEDA CO., Wallace B. Boggs.
ALBANY, U. R. Grey.
ANTIOCH, John S. Bates.
ARCATA, Hal C. Acheson.
ATHERTON, James S. James.
ATWATER, W. E. Bedesen.

BAKERSFIELD, Joseph Holfelder.
BELMONT, Robert Klassen.
BENICIA, Phil R. Jones.
BERKELEY, Harry Goodridge.
BURLINGAME, Cecil L. Longson.
BUTTE COUNTY, Bert Paxton.

CALAVERAS CO., Oliver C. Wyllie.
CALISTOGA, Clyde C. Kennedy.
CHICO, Frank Robinson.
CONCORD, John S. Bates.
CONTRA COSTA CO., J. W. Barkley.

DALY CITY, Robert Klassen.
DAVIS, Alexander M. McKinnon.
DEL NORTE CO., H. M. Malpas.
DOS PALOS, W. E. Bedesen.

EL CERRITO, R. R. Randall.
EMERYVILLE, Geo. T. Oliver.
EUREKA, Geo. S. Winzler.
EXETER, Irvin M. Althouse.

FRESNO COUNTY, A. J. Nielsen.

GILROY, W. J. Hanna.

HANFORD, Walter K. Hopkins.
HAYWARD, J. A. Mancini.

KERN COUNTY, J. R. Thornton.
KING CITY, H. F. Cozzens.
KINGS COUNTY, J. H. Hayes.

LIVERMORE, C. G. Clarke.
LIVINGSTON, W. E. Bedesen.
LODI, Clinton Henning.
LOS BANOS, W. E. Bedesen.
LOS GATOS, L. Cedric Macabee.

MANTECA, John S. Bates.
MARIN COUNTY, C. P. Clow.
MARTINEZ, Leonard McClintock.
MARYSVILLE, F. H. Divver, Jr.
MENLO PARK, Edwin Smith.
MERCED, G. E. Winton.
MERCED CO., W. E. Bedesen.
MILL VALLEY, Edward Hussey.
MODESTO, Frank J. Rossi.
MONTEREY, Howard Severance.
MONTEREY CO., H. F. Cozzens.
MOUNTAIN VIEW, M. C. Christensen.

NAPA, H. A. Harrold.
NAPA COUNTY, E. P. Ball.

OAKLAND, Walter N. Frickstad.
OROVILLE, S. J. Norris.

PACIFIC GROVE, Alfred D. Coons.
PALO ALTO, Fabian S. Miller.
PASO ROBLES, Hal Johnson.
PETALUMA, S. Gonzales.
PINOLE, Ross Calfee.
PITTSBURG, E. L. O'Hara.
PLACER COUNTY, John A. Shields.
PORTERVILLE, Irvin H. Althouse.

REDDING, A. H. Ross.
REDWOOD CITY, R. A. Klassen.
RICHMOND, E. A. Hoffman.

SACRAMENTO, Fred J. Klaus.
SACRAMENTO CO., A. L. Kiefer.
SALINAS, Donald Davies.
SAN BRUNO, C. L. White.
SAN CARLOS, R. A. Klassen.
SAN FRANCISCO, R. G. Wadsworth.
SAN JOAQUIN CO., J. B. Manthey.
SAN JOSE, Harold J. Flannery.
SAN LEANDRO, Chas. P. Martin.
SAN MATEO, Harold Porter.
SAN MATEO CO., M. A. Grant.
SAN RAFAEL, Raymond A. Boege.
SANTA CLARA, Edgar C. Schott.
SANTA CLARA CO., R. D. Chandler.
SANTA CRUZ, Robert Jennings.
SANTA CRUZ CO., A. B. Baldwin.
SANTA ROSA, Walter F. Adams.
SHASTA COUNTY, Ernest Breuning
SEBASTOPOL, Walt Adams.
SISKIYIU COUNTY, A. F. Parrott.
SOLANO COUNTY, J. R. Burnham.
SONOMA CO., Marshall M. Wallace.
SONORA, B. H. Maynard.
SOUTH SAN FRANCISCO, Charles T. Broughton.
STANISLAUS CO., G. D. Macomber.
STOCKTON, Lyle Payton.
SUISUN, F. A. Steiger.
SUNNYVALE, H. N. Bishop.
SUSANVILLE, M. J. Tilley.
SUTTER CO., Edward Von Geldern.

TEHAMA CO., Chas. A. Luning.
TRACY, John S. Bates.
TULARE CO., T. Wayne Switzer.
TURLOCK, Don Davis.
TULARE, John Boardman.
VALLEJO, T. D. Kilkenney.
VISALIA, Norman A. Huth.

WOODLAND, Asa G. Proctor.

YOLO COUNTY, Henry Von Dorsten
YREKA, Howard O'Connor.

ADVANCE CONSTRUCTION REPORTS

BUILDING SECTION

7—FEDERAL BUILDINGS

January 18, 1946
BIDS REJECTED
SAN FRANCISCO.—All bids received December 19 by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for elevator repairs at 100 McAllister St. building, San Francisco, have been rejected, at which time Westinghouse Electric Corp., Elevator Division, at $2665, submitted the low bid. 7

January 18, 1946
CONTRACT AWARDED
SALINAS, Monterey Co., Calif.—R. E. Newman, McMinnville, Ore., at $4454, awarded contract by the Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting at U. S. Post Office, Salinas. 7

8— CLUB BUILDINGS

January 18, 1946
PREPARING PLANS
LONG BEACH, Los Angeles Co., Calif.—Architect Warren A. Dedrick, 807 Heartwell Bldg., Long Beach, has prepared a sketch for the construction of a four-story veterans' memorial club building to be located in the City of Long Beach, for the Arthur L. Peterson Post No. 27, American Legion. The building will be constructed of reinforced concrete, metal sash, plate glass doors, brass trim, heating and air conditioning. A citizens' committe is being formed to launch a drive for funds in the sum of $560,000 to finance the project. 8

January 18, 1946
CONTEMPLATED
INGLEWOOD, Los Angeles Co., Calif.—The Young Men's Christian Association, Homer W. Lewis, president, Inglewood, has purchased property at the northwest corner of Spruce Ave. and Kelso St., Inglewood, as the site for a new headquarters building for the YMCA. The contemplated structure would have athletic, social, religious and dormitory facilities for both men and women. A local architect will be selected to prepare the plans. A community-wide campaign to raise funds in the amount of $325,000 will commence February 11. 8

15— SCHOOLS

January 18, 1946
PLANNED
SCHOOL BUILDING Cost, $250,000
OAKLAND, Alameda County, Calif.
Construction of new school building to replace obsolete Fruitvale school building.
Owner—Oakland Board of Education, Dr. William R. Odell, superintendent of public schools, 1025 2nd Ave., Oakland.
Architect—Not announced. 15

January 18, 1946
PLANNED
SCHOOL ADDN., ETC. Cost, $250,000
OAKLAND, Alameda County, Calif. Cox School.
Construction of school addition and reconstruction and strengthening of building.
Owner—Oakland Board of Education, Dr. William R. Odell, superintendent of public schools, 1025 2nd Ave., Oakland.
Architect—Not announced. 15

January 18, 1946
PLANNED
SCHOOL BUILDING Cost, $100,000
OAKLAND, Alameda County, Calif.
Construction of new school building to replace obsolete wooden structure, Laurel School, and slight strengthening of existing building.
Owner—Oakland Board of Education, Dr. William R. Odell, superintendent of public schools, 1025 2nd Ave., Oakland.
Architect—Not announced. 15

January 18, 1946
PREPARING PLANS
EXPAND DENTAL CLINIC Cost, $60,000
SAN FRANCISCO. San Francisco Campus of U. C., Parnassus and 2nd Ave.
Expansion of facilities for dental clinic.
Owner—Regents of the University of California, Administration Bldg., Berkeley.
Architect—Timothy L. Pflueger, 580 Market St., San Francisco. 15

January 18, 1946
PREPARING PLANS
INTERNS' QUARTERS Cost, $140,000
SAN FRANCISCO. San Francisco Campus of U. C., Parnassus and 2nd Ave.
Construction of interns' quarters.
Owner—Regents of the University of California, Administration Bldg., Berkeley.
Supervising Architect—Timothy L. Pflueger, 580 Market St., San Francisco. 15

January 18, 1946
PREPARING PLANS
NURSES' HOME Cost, $350,000
SAN FRANCISCO. San Francisco Campus of U. C., Parnassus and 2nd Ave.
Construction of nurses' home.
Owner—Regents of the University of California, Administration Bldg., Berkeley.
Supervising Architect—Timothy L. Pflueger, 580 Market St., San Francisco. 15

January 18, 1946
PLANS COMPLETED
COMPLETE GYMNASIUM
PLEASANTON, Alameda Co., Calif. Pleasanton High School.
Complete gymnasium building.
Owner—Amador Valley Joint Union High School, Box 247, Pleasanton.
Architect—Fred L. Confer, 1214 Webster St., Oakland. 15

January 18, 1946
PLANS COMPLETED
GYMNASIUM Cost, $20,000
WILLITS, Mendocino County, Calif. Laytonville High School.
Construction of gymnasium addition to high school.
Owner—Willits Union High School District, Willits.
Architect—Norman R. Coulter, 251 Kearny St., San Francisco. 15

January 18, 1946
PREPARING PLANS
HIGH SCHOOL ADDN. Cost, $79,000
ESCALON, San Joaquin Co., Calif.
Construction of high school addition.
Owner—Escalon Union High School District, Escalon.
Architect—E. G. Ernst, 561 E. Harding Way, Stockton. 15

January 18, 1946
PREPARING PLANS
SCHOOL ADDITION Cost, $24,000
FRESNO, Calif.
Construction of three-room school addition.
Owner—Easterby Elementary School District, Tulare and Peach Ave., Fresno.
Architect—W. D. Coates, Helm Bldg., Fresno.

January 18, 1946
PLANS COMPLETED
SCHOOL ADDITION Cost, $50,000
KINGSBURG, Fresno County, Calif.
Construction of industrial arts building addition to high school.
Owner—Kingsburg Joint Union High School District, Kingsburg.
Architect—W. D. Coates, 704 Helm Bldg., Fresno. 15

January 18, 1946
PREPARING PLANS
KINGSBURG, Fresno County, Calif. Washington School.
Construction of elementary school addition.
Owner—Kingsburg Joint Union High School District, Kingsburg.
Architect—W. D. Coates, 704 Helm Bldg., Fresno. 15

January 18, 1946
PREPARING PLANS
CAFETERIA BLDG. Cost, $26,000
KINGSBURG, Fresno County, Calif.
Construction of cafeteria building.
Owner—Kingsburg Joint Union High School District, Kingsburg.
Architect—W. D. Coates, 704 Helm Bldg., Fresno. 15

January 18, 1946
PREPARING PLANS
SCHOOL ADDITION Cost, $60,000
KINGSBURG, Fresno County, Calif. Roosevelt School.
Construction of elementary school addition.
Owner—Kingsburg Joint Union High School District, Kingsburg.
Architect—W. D. Coates, 704 Helm Bldg., Fresno. 15

January 18, 1946
PREPARING PLANS
SCHOOL ADDITION Cost, $6,000
PORTERVILLE, Tulare Co., Calif. Johnsondale Branch.
Construction of one-classroom addition.
Owner—Porterville Union High School District, Porterville.
Architect—W. D. Coates, Helm Bldg., Fresno. 15

January 18, 1946
CONTRACT AWARDED
FRESNO, Calif.—Walter Byde Co., Fresno, at $6699.20, awarded contract by the secretary of the Board of Education, Fresno City High School District, 2348 Mariposa St., Fresno, for furnishing and installing fencing at the Alexander Hamilton Junior High School, Fresno, for the district.
Other bidders were:
Healey & Popovich, Fresno, $7699.
Kyle & Co., Fresno, $6717.
W. S. Wetenhall Co., San Francisco, $7497. 15

January 18, 1946
PREPARING PLANS
SCHOOL BUILDING Cost, $200,000
WILLOWS, Glenn County, Calif.
Construction of school building to contain 15 classrooms, auditorium, cafeteria, etc.
Owner—Glenn County High School District, Willows.
Architects—Masten & Hurd, 407 Sansome St., San Francisco. 15

January 18, 1946
PLANS COMPLETED
SCHOOL ADDITION Cost, $73,000
WESTWOOD, Lassen County, Calif.
Construction of elementary school gymnasium, high school gymnasium and high school library addition.
Owner — Westwood Unified School District, Westwood, Calif.
Architect—Charles F. Dean, California State Life Bldg., Sacramento. 15

January 18, 1946
BOND ELECTION SCHEDULED
ELEMENTARY SCHOOL BLDG. Cost, $320,000
PETALUMA, Sonoma County, Calif. McNear School at McNear Park.
Construction of elementary school building, including eight regular classrooms, one kindergarten, one auditorium with stage, cafeteria, principal's office, nurse's room, teachers' room and textbook and supply room.
Owner—Petaluma Board of Education, superintendent of schools, Fair St., Petaluma.
Architect—Not announced.
Bond election is tentatively scheduled for February 19. 15

January 18, 1946
PREPARING PLANS
BOYS' GYM. Cost, $137,000
REDWOOD CITY, San Mateo Co., Calif. Sequoia High School.
Construction of new main boys' gymnasium addition.
Owner—Sequoia Union High School District, A. C. Argo, Supt., Broadway, Redwood City.
Architect—Blanchard & Maher, 369 Pine St. 8th floor, San Francisco.
As previously reported, the District will vote March 19 on a proposal to issue bonds in the amount of $1,500,000 to finance additions to the Sequoia High School and two new school buildings. 15

BONDS VOTED
SCHOOL ADDN. Cost, $50,000
MT. EDEN, Alameda Co., Calif.
Construction of cafeteria and four additional classrooms.
Owner—Mt. Eden School Dist., Hesperian Blvd., Mt. Eden.
Architect—Not Announced.
District voted to issue bonds in the amount of $50,000 to finance the school improvements. 15

January 18, 1946
PLANS BEING PREPARED
SCHOOL BLDG. Cost, $130,000
TULARE, Tulare Co., Calif.
Construction of an elementry school.
Owner—Tulare Elementary Sch. Dist. of Tulare County.
Architect—Frank Wynkoop & Associates, 821 Market St., San Francisco. 15

January 18, 1946
PLANS BEING PREPARED
SCHOOL BLDG. Cost, $24,000
MERCED, Merced County, Calif.
Construction of 3-classroom school.
Owner—Franklin Elementary School Dist., Route 1, Box 158, Merced.
Architect—Elmore G. Ernst, 561 East Harding Way, Stockton. 15

January 18, 1946
PLANS COMPLETED
SCHOOL ADDITION Cost, $75,000
SUSANVILLE, Lassen County, Calif. Main and Berkeley Streets.
Addition to Junior College.
Owner—Lassen Union High School District, Susanville.
Architect—R. D. Taylor, 716 Court St., Susanville. 15

17— THEATERS

January 18, 1946
PLANNED
THEATER Cost, $135,000
OAKLAND, Alameda Co., Calif. E 14th St. and 162nd Avenue.
Construction of theater to seat 1200.
Owner—Golden State Theater Circuit, Inc., David J. Bolton, Division Mgr., 1842 Park Blvd., Oakland.
Architect—Not Announced. 17

January 18, 1946
PLANNED
THEATER Cost, $150,000
HAYWARD, Alameda Co., Cal. Castro Valley Blvd. and Whelton Avenue.
Construction of theater to seat 900.
Owner—Golden State Theater Circuit, Inc., David J. Bolton, Div. Mgr., 1842 Park Blvd., Oakland.
Architect—Not Announced. 17

19—MISC. CONSTRUCTION

January 18, 1946
PROJECT APPROVED
LOS ANGELES, Calif.—The Federal Communications Commission, Washington, D. C., has approved the construction of the Los Angeles-Dallas line in the new coast-to-coast cable being built by the Bell System for multiple telephone calls and television. The approval includes the application of the Southern California Telephone Co., 740 S. Olive St., Los Angeles, for permission to construct a coaxial cable system from Los Angeles to the Colorado River to connect with a second section of the transcontinental cable being built by the American Telephone & Telegrph Co., which includes a total length of 1500 miles and calls for an expenditure of $24,500,000 The section of the line between Los Angeles and the Colorado River will cost approximately $5,000,000. The unit now approved will run from Atlanta to Los Angeles via Tucson, and will reach Los Angeles in the spring of 1947. The present plans call for acable network of eight coaxial pipes, any two of which can handle 480 messages simultaneously, and in addition is capable of transmitting the broad bands of frequencies for television. The pipe system will be entirely underground, thus avoiding large temperature changes affecting this type of high frequency transmission. Repeater stations with standby units will be required every 7.75 miles along the route. 19

January 18, 1946
BIDS WANTED
LEWIS AND THURSTON COUNTIES, Wash.—Until January 28, 1:30 P. M., bids will be received by the Department of Interior, Bonneville Power Administration, L. C. Stewart, procurement officer, 1300 NE. Union Ave., Portland 8, Ore., for furnishing materials and performing all work for clearing right-of-way for Chehalis-Olympia 230-kv. transmission line, approximately 30 miles in length, in Lewis and Thurston Counties, Washington.
Specifications obtainable from the above offce upon depost of $5. 19

January 18, 1946
BIDS WANTED
FORT PECK, Mont.—Until February 5, 10 A. M., bids will be received by the district engineer, U. S. Engineer Office, Fort Peck, Mont., under Ser. No. 24-015-46-14 for installation of machinery, equipment concrete work in powerhouse, concrete work in main control shafts.
Specifications obtainable from the above office. 19

January 18, 1946
BIDS WANTED
CAMPO, San Diego Co., Calif.—Until January 24, 10 A. M., bids will be received by the Mountain Empire Electric Cooperative, Campo, for construction of transmisison line, Campo.
Plans obtainable from Lowe Co., engineers, 315 Architects' Bldg., Los Angeles.
The following contractors have taken out plans:
Graybar Electric Co., 500 S. Clinton, Chicago, Ill.
Philard, Inc., 201 S. Cleveland, Oceanside.
J. I. Wilson, 3451 S. Primera Ave., Los Angeles.
W. J. Giles, 1020 E. Roseglen St., El Monte.
Vancott Co., 5024 W. Washington Blvd., Los Angeles.
Ace Electric Co., 1492 J St., San Diego.
Rex O. Burch, P. O. Box 67, Woodland.
Theodore Scott, 4405 S. Normandie Ave., Los Angeles.
Drury Electric Co., 615 10th St., Bakersfield. 19

January 18, 1946
TO START CONSTRUCTION
STADIUM Cost, $150,000
HAYWARD, Alameda Co., Cal. 150th Avenue and E 14th Street.
Construction of auto race track stadium.
Owner—W. E. Linn & Assoc., Hayward.
Architect—Not Announced. 19

20— MISC. SUPPLIES AND MATERIALS

January 18, 1946
BIDS WANTED
FORT BIGSON, Okla.—Until Feb. 21 (tentative date) bids will be received by the U. S. Engineer Office, Box 61, Tulsa, Okla., for construction of Fort Gibson Dam on the Grand (Neosho) River, approx. five miles north of Fort Gibson, Okla.
The completed project will consist of a gravity type concrete dam with a short section of rolled earth fill at one abutment and with a power house and an elevator and stair tower downstream and adjacent to a non-overflow intake section of the concrete dam on the left bank of the existing river channel. A masonry service building will also be constructed on the right abutment.
Specifications obtainable from the above office upon deposit of $35. 30

January 18, 1946
BIDS WANTED
PASADENA, Los Angeles Co., Calif.—Until March 4, 11 A. M., bids will be received by the City of Pasadena, office of the city clerk, City Hall, Pasadena, for two steam generating units and appurtenances for the Pasadena Municipal Light and Power Department; estimated cost, $500,000 to $600,000. 20

January 18, 1946
CONTRACT AWARDED
SAN FRANCISCO.—Sullivan Awning Co., 801 S. Van Ness Ave., awarded contract by M. H. Gerry, purchaser of supplies, 270 City Hall, under Bid No. 3428 for furnishing and installing canvas-covered canopy at the San Francisco Airport. 20

January 18, 1946
CONTRACT AWARDED
SAN FRANCISCO.—H. V. Carter Co., Inc., 52 Beale St., awarded contract by M. H. Gerry, purchaser of supplies, 270 City Hall, under Bid No. 3430 for furnishing and delivering airfield grass mower for the San Francisco Airport. 20

Engineering Section

25—MACHINERY AND EQUIPMENT

January 18, 1946
BIDS WANTED
PHOENIX, Ariz. — Until February 5, 10 A. M., bids will be received by Roy J. Heyne, city manager, City of Phoenix, Ariz., for furnishing one motor propelled, triple combination pumping engine, water tank and hose car. All bids must be accompanied by a certified check or bid bond in the amount of 5% of proposal. Specifications available at above office. 25

26— RAILROADS

January 18, 1946
AWARD RECOMMENDED
INYOKERN, Kern Co., Calif.—H. B. Nicholson, 1151 S. Broadway, Los Angeles, Room 572, at $213,658, recommended for award of contract by the officer in charge of construction, Naval Ordnance Test Station, Inyokern, December 29, for the construction of spur trackage, China Lake to K-2 Plate Range at the Naval Ordnance Test Station, Inyokern, Calif.; Specifications No. 17372, NOy 13203. The project involves the construction of an extension to existing railroad, including approximately 40,680 lin. ft. of trackage, switches, turnouts and appurtenant facilities. 26

29— STREETS AND HIGHWAYS

January 18, 1946
CONTRACT AWARDED
SAN FRANCISCO.—Chas. Harney, 625 Market St., at $7817.80, awarded contract by the Department of Public Works, Room 282 City Hall, for improvement of Rivera St., between 42nd and 43rd Aves., including crossing of Rivera St. and 42nd Ave. 29

30—RESERVOIRS & DAMS

January 18, 1946
PLANNED
OROVILLE, Butte Co., Calif.—The Bidwell Bar dam, reservoir and power plant, a multiple-purpose project to be constructed on the middle fork of the Feather River, eight miles east of Oroville, Butte County, are recommended for immediate construction as part of a 15-year building program by the United States Bureau of Reclamation in its Central Valley Basin report, recently completed and sent to Washington for official approval by the Secretary of the Interior and the Commissioner of Reclamation. Prior to submission of this report to Congress, it has been sent to Governor Warren and the Secretary of War for comment.

Bidwill Bar dam would be one of the highest dams in the Reclamation Bureau system. The maximum height of the dam would be 679 feet above the streambed. It would have a length of 2100 feet, providing capacity in the reservoir for 1,200,000 acre-feet of water, covering an area of 5800 acres. The lake would back up the middle fork of the Feather River about 11 miles and the south fork about eight miles. The estimated cost of the Bidwell Bar dam reservoir and two power plants would be about $70,000,000. 30

Machinery & Material

LOS ANGELES

WEST LOS ANGELES, Calif.—Until January 28, 1:30 P. M., bids will be received by the Veterans' Administration, V. A. Center, Los Angeles 25, for furnishing (1) 6500 lin. ft. round deformed reinforcing bars, ⅝-inch diameter, in approximately 20-ft. lengths; (2) 60 cu. yds. ready-mixed concrete delivered to Soldiers' Home, West Los Angeles; Inv. 46-445.

WEST LOS ANGELES, Calif.—Until January 30, 1:30 P. M., bids will be received by the Veterans' Administration, V. A. Center, Los Angeles 25, for furnishing (1) 6300 lin. ft. round deformed reinforcing bars, ⅝-inch diameter, in approximately 20-ft. lengths; (2) 60 cu. yds. ready-mixed concrete, delivered to Soldiers' Home, West Los Angeles; Inv. 46-447.

Official Proposal

Erection of Ward Buildings for Infirm and Disturbed Females, Stockton State Hospital, Stockton, Calif.

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF ARCHITECTURE

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the Division of Architecture, Public Works Building, 12th and "N" Street, Sacramento, California, up to 2:00 P. M., Tuesday, January 29, 1946, said bids thereafter on said day to be publicly opened and read for the erection and completion of the Ward Buildings for Infirm Females and for Disturbed Females, Stockton State Hospital, Stockton, California, in accordance with plans and specifications therefor.

The Ward Buildings for Infirm Females and Disturbed Females consist of a one-story and two-story reinforced concrete buildings having a combined floor area of approximately 160,000 square feet with hollow tile partitions, steel sash, and clay shingle tile roof covering.

Separate bids only will be entertained for the following segregated parts of the work.

1. General Work.
2. Heating and Ventilating Work.
3. Plumbing Work.
4. Electrical Work.

Alternate bids will be required for the omission of certain work.

Prevailing Wage Scale: In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

	Hourly Rate
Asbestos Workers	$1.50
Bricklayers	1.75
Carpenters	1.50
Cement Finishers	1.50
Electric Workers	1.70
Glass Workers	1.25
Iron Workers, Architectural	1.60
Iron Workers, Reinforcing Steel	1.50
Laborers, Building	1.06¼
Lathers	1.75
Masons' Tenders	1.40
Painters (brush)	1.37½
Plasterers	1.75
Plasterers' Tenders	1.50
Plumbers	1.50
Roofers	1.37½
Sheet Metal Workers	1.50
Steam Fitters	1.50
Tile Setter	1.37½
Operator of Power Shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of Power Shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Tractor Driver	1.70
Truck Driver (8 cu. yds. water level capacity and less than 14 cubic yards)	1.25
Truck Driver (4 cu. yds. and less than 8 cu. yds. water level capacity)	1.06¼
Truck Driver (less than 4 cu. yds. water level capacity)	.90
Any classification omitted herein not less than	1.06¼

Overtime—One and one-half times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal Officer or agency, in so far as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal Order, whether higher or lower, shall control.

Apprentices may be employed provided they are properly indentured to the Contractor in full compliance with the provisions of Section 1777 5 of the Labor Code.

Plans and specifications for examination are on file in the Office of the Division of Architecture, Public Works Building, Sacramento, and Room 803 State Office Building, Los Angeles, and at the principal California Cities Builders' Exchange Offices.

Contractors who are desirous of securing plans, specifications and proposal forms for the purposes of preparing and submitting a proposal for this work may do so subject to certain conditions as hereinafter stated by requesting same in writing from the Division of Architecture, Public Works Building, Sacramento. Such request shall be accompanied by a deposit of Twenty Five ($25.00) dollars. Check shall be made payable to the Division of Architecture. Such deposit is required to guarantee the safe return in good condition of the plans and specifications to the Division of Architecture within 30 days after the date set for opening bids. Failure to so return the plans will cause forfeiture of the Deposit to the State.

Prequalification: Plans, specifications and proposal forms will only be issued to those contractors who are prequalified with the Department of Public Works by having filed a statement of experience and financial condition on a standard questionnaire form in accordance with the provisions of the State Contract Act. Such statement must have been filed and approved not more than one (1) year and not less than five (5) days previous to the date set for receiving and opening bids. Contractors may obtain standard questionnaire forms from the Division of Architecture.

No bid will be accepted from a contractor who has not been licensed in accordance with the provisions of the Contractor's License Act or to whom a proposal has not been issued by the Department of Public Works.

No bid will be considered unless it is presented on a proposal form furnished by the Division of Architecture and accompanied by a bidder's bond, cash, a cashier's or certified check made payable to the Director of Public Works in the sum of at least ten per centum (10%) of the amount of the bid.

The Department of Public Works reserves the right to reject any or all bids and to waive any informality in any bid received.

No bidder may withdraw his bid for a period of thirty (30) days after the time set for opening thereof.

DEPARTMENT of PUBLIC WORKS
DIVISION OF ARCHITECTURE
ANSON BOYD,
State Architect.
(Daily Pacific Builder)
(Jan. 4-11-18-25, 1946)

FIRST PUBLISHED TODAY

Highway Improvements, Yolo County at the State Highway Nursery, About Three Miles East of Davis

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, 703 B Street, Marysville, California, until 2 o'clock P. M. on January 31, 1946, at which time and place they will be publicly opened and read, for performing work as follows:

Yolo County, at the State Highway Nursery, about three miles east of Davis (III-Yol-6-A) water well to be drilled and cased.

Plans and specifications, and forms of proposal, bonds, and contract may be obtained at the above address.

No bid will be considered unless it is made on a proposal form furnished by the District Engineer, and is made in accordance with the provisions set forth under Section 2, "Proposal Requirements and Conditions" of the Standard Specifications. Each bid must be accompanied by a proposal guaranty in accordance with the requirements of article (f) of the said Section 2 of the Standard Specifications.

The Department of Public Works reserves the right to reject any or all bids.

The quantities listed in the State Highway Engineer's Estimate hereinafter stated, are approximate only, being given as a basis for the comparison of bids, and the Department of Public Works does not, expressly or by implication, agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work, or to omit portions of the work, as may be deemed by the Engineer to be necessary or advisable.

Bids are required on the entire work described herein.

The rates of wages, including overtime, holiday or Sunday rates, herein specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Laborer	$1.0625
Well driller	1.70
Any classification omitted herein not less than	1.0625

Overtime — one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

STATE HIGHWAY ENGINEER'S ESTIMATE

Item 1. 200 lineal feet drilling and casing well.
Item 2. 30 hours pumping well.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
By C. H. WHITMORE,
District Engineer, Dist. III.
Dated January 18, 1946.
(Daily Pacific Builder)
(Jan. 18-25, 1946)

Pro. No. 1701—Ford or Chevrolet Sedans

NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512—16th Street, Oakland, California, until 5:30 P. M., Wednesday, Jan. 23, 1946, and will at that hour be opened for furnishing SIX (6) NEW LATEST MODEL 8-CYLINDER FORD or 6-CYLINDER CHEVROLET SEDANS, as per specifications.

Proposal No. 1701 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL READ,
Secretary.

Oakland, California.
January 11, 1946.
(Daily Pacific Builder)
(January 14, 1946)

EMPLOYMENT SERVICE

For further information regarding positions listed under this classification address Newton D. Cook, Manager, Engineering Societies' Personnel Service, 57 Post St., San Francisco.

DRAFTSMAN, exper. detailer on structl. steel and plate work, machinery. Salary $350 mo., 48-hour week. San Francisco. S-499. Newton D. Cook, 57 Post St., San Francisco.

SALES ENGINEER, exper. in food and beverage processing and packaging, for established agency. Salary open. San Francisco. S-494. Newton D. Cook, 57 Post St., San Francisco.

MECHL. DRAFTSMAN, exper. on conveyor layout and details. Salary $300-$350 mo. San Francisco. S-487. Newton D. Cook, 57 Post St., San Francisco.

MECHL. ENGINEER, with good power plant exper. for estimating, laying out and supervising installations. Perm. Salary $350 mo. plus bonus. San Francisco. S-498. Newton D. Cook, 57 Post St., San Francisco.

CHALMER MUNDAY
Bankruptcy, Mechanics' Liens, Builders' Contracts
Attorney-at-Law - Notary Public
Financial Center Bldg. — DO 4070

DECEMBER BUILDING TOTALS

CALIFORNIA CITY	DEC., 1944 No.	DEC., 1944 Est. Cost	DEC., 1945 No.	DEC., 1945 Est. Cost
ALAMEDA	82	$ 31,817	53	$ 70,981
ALBANY	8	10,152	29	106,033
ALHAMBRA	87	36,669	118	938,678
ANAHEIM	25	16,213	45	336,916
ATHERTON	----	----	92	237,960
BAKERSFIELD	92	382,348	66	423,709
BERKELEY	87	114,426	119	359,713
BEVERLY HILLS	----	27,155	83	1,108,240
BURBANK	143	297,038	192	648,626
BURLINGAME	11	15,365	30	483,160
CHICO	28	6,675	41	3,455
COLTON	30	6,810	35	66,635
COMPTON	52	102,717	117	477,465
CORONADO	33	15,647	18	24,565
CULVER CITY	29	70,072	98	495,341
EMERYVILLE	7	17,800	11	154,400
EUREKA	18	14,325	31	68,240
FRESNO	111	47,278	130	356,111
FULLERTON	23	20,246	38	180,042
GLENDALE	80	72,117	141	518,296
HAYWARD	22	13,560	15	54,006
HUNTINGTON PARK	31	52,285	47	219,645
INGLEWOOD	58	39,477	132	989,640
LODI	15	33,550	42	115,150
LONG BEACH	1294	464,815	1293	1,844,635
LOS ANGELES (City)	1723	1,952,352	3564	13,790,391
LOS ANGELES (County)	1206	1,271,750	2402	7,357,477
LOS GATOS	3	2,600	13	77,450
MARTINEZ	13	3,155	4	11,600
MODESTO	27	16,008	50	166,570
MONROVIA	60	43,929	92	237,960
MONTEBELLO	18	9,135	47	184,435
MONTEREY	15	18,600	15	34,370
NAPA	9	9,575	22	20,525
OAKLAND	260	268,461	420	2,031,639
OCEANSIDE	19	20,595	37	93,200
ONTARIO	72	33,784	94	233,803
ORANGE	18	6,648	58	180,632
OROVILLE	8	2,102	13	75,630
PALO ALTO	22	24,075	83	611,875
PASADENA	225	99,698	291	878,854
PIEDMONT	8	4,635	8	26,714
PITTSBURG	4	4,300	9	88,700
POMONA	----	93,392	165	709,123
REDDING	31	60,430	31	39,800
REDLANDS	36	11,407	65	181,299
REDWOOD CITY	11	15,709	239	1,375,700
RICHMOND	45	66,100	71	278,250
RIVERSIDE	102	36,741	154	385,579
SACRAMENTO	136	70,318	200	1,585,322
SALINAS	14	6,353	22	177,190
SAN BERNARDINO	165	72,873	278	878,350
SAN CARLOS	3	6,900	76	760,700
SAN DIEGO	436	243,916	802	1,786,806
SAN FRANCISCO	319	532,967	549	2,505,700
SAN GABRIEL	21	8,880	49	531,079
SAN JOSE	50	133,050	89	481,130
SAN LEANDRO	10	7,840	48	232,185
SAN MARINO	13	2,639	56	327,935
SAN MATEO	28	14,237	89	716,280
SAN MATEO (County)	37	75,700	46	424,583
SAN RAFAEL	11	29,850	23	58,156
SANTA ANA	96	119,806	138	340,678
SANTA BARBARA	54	31,543	71	215,388
SANTA CRUZ	53	23,890	40	138,520
SANTA MONICA	61	89,606	125	791,160
SANTA ROSA	21	10,285	38	154,975
SOUTH GATE	58	65,700	103	469,065
SO. PASADENA	19	4,572	34	128,042
STOCKTON	67	70,094	77	485,112
TORRANCE	22	51,385	34	116,705
VENTURA	48	13,262	34	85,308
VALLEJO	17	10,597	21	69,336
VERNON	38	821,150	54	2,323,187
WATSONVILLE	11	16,000	13	19,000
TOTAL	8118	$ 8,517,151	14081	$55,105,257
ARIZONA				
PHOENIX	115	$ [illegible]	115	$ 868,655
TUCSON	72	40,991	137	685,249
TOTAL	187	$ [illegible]	252	$ 1,553,904
IDAHO				
BOISE	34	$ 17,520	31	$ 71,759
LEWISTON	13	4,486	26	45,087
NAMPA	----	----	----	----
TOTAL	47	$ 22,006	57	$ 116,846
NEVADA				
RENO	51	$ 68,751	216	$ 1,029,652
OREGON				
ASTORIA	16	$ 70,587	14	$ 18,200
EUGENE	56	81,087	98	151,065
KLAMATH FALLS	9	5,279	22	131,925
PORTLAND	239	563,258	480	2,305,750
SALEM	32	8,807	78	182,904
TOTAL	352	$ 688,206	692	$ 2,790,844
UTAH				
LOGAN	3	$ 6,312	18	$ 45,175
OGDEN	18	21,500	36	125,775
SALT LAKE CITY	91	300,087	98	1,615,530
TOTAL	112	$ 328,400	152	$ 1,786,480
WASHINGTON				
ABERDEEN	18	$ 3,510	----	$----
BELLINGHAM	----	----	132	314,145
SEATTLE	262	687,486	425	1,380,700
SPOKANE	83	144,282	118	294,985
TACOMA	66	106,336	172	648,564
VANCOUVER	----	----	51	241,677
WALLA WALLA	41	21,908	39	153,410
WENATCHEE	4	31,450	19	24,400
YAKIMA	33	372,260	73	325,985
TOTAL	507	$1,377,810	1029	$ 3,383,876
GRAND TOTAL	9374	$11,347,828	16479	$65,775,880

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS

Building Permits, $1,000 and Over, Applied For

SAN FRANCISCO COUNTY

DWELLINGS, five 1-story frame
W ALEMANY 160, 185, 210, 235, 260 N Onondago Street.
Owner and Builder—A H Elkington, 4550 Mission Street.
Architect—Not Given. $6,800 each
(App Nos 85371-75).

DWELLINGS, four 1-story frame
N TIOGA 249, 274, 299, 324 E Rutland.
Owner—The Wilder Co, Inc, 2156 San Bruno Avenue.
Contractor—C A Wilder & Son, 2156 San Bruno Avenue.
Architect—Not Given. $5,000 each
(App Nos 85365-68).

ALTER WELDING SHOP
1611 PINE STREET.
Owner and Contractor—Wm. Bachman, 1611 Pine Street.
Architect—Not Given. $4,000
(App No 85359).

OFFICE, 1-STORY FRAME
NW OAKDALE AVE and Rankin.
Owner—W B Jefferson, 400 Castenada Avenue.
Contractor—Wellnitz & De Narde, 316 Sixth Street.
Architect—Not Given. $4,000
(App No 85377).

ALTER STORE
2235-7 CHESTNUT STREET.
Owner—A Rosetti, 2235 Chestnut St.
Contractor—De Luca & Son, 1754 Filbert St.
Architect—Not Given. $2,680
(App No 85357).

ALTER STORES AND HOTEL
280 GOLDEN GATE AVENUE.
Owner—Mr Horne, 1734 Broderick.
Contractor—Leonard Salomon, 1734 Broderick St.
Architect—Not Given. $1,650
(App No 85369).

BUILDING, 1-STORY CLASS C
N BALBOA 63 E 28th Ave.
Owner and Builder—W Kahr and C Simonian, 2650 Balboa St.
Architect—Not Given. $1,200
(App No 85376).

ALTER STORES
2535 OCEAN AVENUE.
Owner—D Shaw, 212 Clara Street.
Contractor—A F Mattoch Co, 212 Clara Street.
Architect—Not Given. $1,000
(App No 85361).

Building Permits, $1,000 and Under, Applied For

SAN FRANCISCO COUNTY

ALTER DWELLING, $900; 218 Bonview St; owner Earl Comfort, prem; builder, Coast Construction Co, 2172 Market St.

1-STORY FRAME GARAGE, $750; 46-50 Estrada Court; owner and builders, T Humphrey and E Larson, premises.

ALTER FLAT, $750; 475-477 Broadway; owner, Peter Scala, 1601 Lombard St; day work.

ELECTRIC SIGN, $695; 425 Ellis St; owner, The Prime Rib, 425 Ellis; builder, Wonderlite Neon Products Co, 1095 Folsom St.

ALTER STORE, $500; 2098 Market; owner, J H Wiley, prem; builder, James H McFarland, 624 2nd Ave.

ELECTRIC SIGN, $485; 425 Ellis St; owner, The Prime Rib, 425 Ellis; builder, Wonderlite Neon Products, 1095 Folsom St.

ALTER DWELLING, $485; 354 11th Ave; owner, I M Archer, prem; builder, Chester M Shumate, 573 26th Ave.

ELECTRIC SIGN, $450; 3396 Mission St; owner, Stella's Wear Shop, prem; builder, Wonderlite Neon Products, 1095 Folsom St.

ELECTRIC SIGN, $400; 51 Eddy St; owner, E A Danielson, prem; builder, QRS Neon Co, 690 Potrero Ave.

ELECTRIC SIGN, $380; 570 Market St; owner, Mr Newman, prem; builder, Brumfield Electric Sign Co, 965 Folsom St.

ALTER HALL, $250; 454 Valencia St; owner, Irish-American Hall Assn, prem; builder, Wm Byrne, 1606½ Dolores St.

ALTER CLUB, $75; 2020 Fillmore St; owner, Georgenson & Mash, prem; day work.

ELECTRIC SIGN, $45; 1620 Pacific St; owner, Mr Henterman, prem; builder, Brumfield Electric Sign Co, 965 Folsom St.

ELECTRIC SIGN, $45; 821 Taraval St; owner, Sea Breeze Cleaners, prem; builder, Brumfield Electric Sign Co, 965 Folsom St.

ELECTRIC SIGN, $45; 1211 Golden Gate Ave; owner, Douglas Bros, 1509 Ellis St; builder, Brumfield Electric Sign Co, 965 Folsom St.

ELECTRIC SIGN, $45; 1510 Haight St; owner, Art Tailors, prem; builder, Brumfield Electric Sign Co, 965 Folsom St.

Building Permits, $1,000 and Over, Applied For

ALAMEDA COUNTY

2-STORY 12-ROOM APARTMENT
2507-2507A-B-C GRANDE VISTA AVE., OAKLAND.
Owner and Builder—Geo. O. Smith, 2933 School St.
Architect—Not Given. $12,000

1-STORY STORE
6470 MORAGA RD., OAKLAND.
Owner—Mrs. Helen W. Smith.
Builder—Hans C. Jensen, 3906 Oakmore Rd.
Architects—Miller & Warnecke, Financial Center Bldg. $9,500

1-STORY ADD TO FACTORY
10222 PEARMAIN ST., OAKLAND.
Owner—Oakland Venetian Blind Co., 10216 Pearmain St.
Builder—T. G. Silvera, 1833 Fremont Dr., Alameda.
Architect—Not Given. $8,500

1-STORY 10-ROOM DUPLEX
2501-03 GRANDE VISTA AVE., OAKLAND.
Owner and Builder—Geo. O. Smith, 2933 School St.
Architect—Not Given. $8,000

ALTERATIONS
1577 CLAY ST., OAKLAND.
Owner—A. L. Meniketti, 1422 Jefferson St.
Builder — Jack Reno, 21060 Wilbean Ave., Hayward.
Plans by E. Butler, Orinda. $7,500

1-STORY STORE
6111 LA SALLE AVE., OAKLAND.
Owner and Builder—C. W. Leekins, 1427 96th Ave.
Architect—Not Given. $5,000

ALTERATIONS
136 14TH ST., OAKLAND.
Owner—Leon & Eddie, premises.
Builder—United Studios, 4139 MacArthur Blvd.
Architect—Not Given. $4,000

ALTERATIONS
1742 11TH AVE., OAKLAND.
Owner and Builder—Arne P. DeMont, 10609 Graffian St.
Architect—Not Given. $2,000

REPAIRS AND ALTERATIONS
517 8TH ST., OAKLAND.
Owner—A. Yamagata, 836 4th Ave
Builder — Mastercraft Co., 842 4th Ave.
Architect—Not Given. $2,000

ADDITION
4056 KUHNLE AVE., OAKLAND.
Owner and Builder—B. Murray, 4056 Kuhnle Ave.
Architect—Not Given. $1,200

1-STORY CONCRETE OFFICE BUILDING
9629 SAN LEANDRO ST., OAKLAND
Owner—Mr. Hutchinson.
Builder—Allan Fuller, 208 Isleton Ave.
Architect—Not Given. $1,120

ALTERATIONS
3244 FOOTHILL BLVD., OAKLAND.
Owner and Builder—Chas. P. Egan, 2720 Humboldt Ave.
Architect—Not Given. $1,000

PERMITS UNDER $1,000

ALAMEDA COUNTY

OAKLAND

ADDITION, $950; 5415 E 14th St; owner, Acme Electric Co, prem; contractor, California Builders, Inc 350 Hobart St.

ALTER, $800; 361 Jayne St; owner, G W Hughes, premises; contractor, Peerless Built-In Fixture Co, 2608 San Pablo Ave, Berkeley.

ALTER and Addn, $500; 3408 San Pablo Ave; owner, McCallum Mtge 1444 Franklin St; contractor, Jos T Conow, 1444 Webster St.

ALTER to dwelling, $450; 276-8 Santa Clara Ave; owner and contractor, Leta M Lincoln, 276 Santa Clara Avenue.

ALTER and Addn, $350; 5212 San Pablo Ave; owner, Ralph Eltse, premises; contractor, Dillon Rfg Co, 5212 San Pablo Ave.

ADDITION, $350; 3332 Loma Vista; owner and builder, H B Brown, premises.

ALTER, $335; 54 7th St; owner and contractor, S H Artingan, 701 Fallon Street.

ADDITION, $250; 208 Isleton Ave; owner and builder, Allan Fuller, 208 Isleton Ave.

SIGN, electric, $206; 3104 School St; owner, Hewitt Radio Shop, prem; contractor, A L Getz, 2816 E 9th.

ALTER, $143; 558 34th St; owner and contractor, Mrs Jackson, 558 34th Street.

SIGN, electric, $125; 4366 Broadway; owner, Chris' Hot Dogs, premises; contractor, Albert L Getz, 2816 E 9th St.

FIRE ESCAPE, $100; 2141 10th Ave; owner and contractor, M Knupfer, 643 Poirer St.

BERKELEY

REPAIRS, $175; 1533 Woolsey; owner and builder, J H Johnson, 1533 Woolsey.

ALTERATIONS, $160; 1036 Camelia; owner and builder, M J Gass, 1036 Camella.

ROOF, $150; 2218 Shattuck; owner, Levi Straus, San Francisco; builder, U L Saxby, 4538 Fleming Ave, Oakland.

ALTERATIONS, $125; 2733 Woolsey; owner, Claremont Realty; builder, Elmer Abney, 2733 Woolsey.

ALTERATIONS, $100; 2821 Grant; owner, E Evans, 2821 Grant; builder, L M Evans, 2821 Grant.

ALTERATIONS, $25; 2332 Sacramento; owner and builder, John Rhodes, 2332 Sacramento.

FRESNO

DWELLING AND GARAGE, $7000; 5037 Fillmore; owner, L W Golden.

DWELLING AND GARAGE, $6600; 303 Pine; owner, Walter Litten; builder, Irwin & Martin.

DWELLING AND GARAGE, $6600; 1473 Ferger; owner, Jess Griffen; builder, Irwin & Martin.

ALTER DWELLING, $1500; 2382 Clara; owner, D H Rundle.

SIGNS (5) $1000 each; 1662 Van Ness, owner, David "Hangs"; 2445 Tulare, C S Johnson; 602 Belmont, L E Bailey; 708 Olive, Tom Weber; 1603 Broadway, R C Wells; builder, Neon Maintenance Corp.

ADD TO DWELLING, $500; 233 Yolo; owner, Salome Leggett.

ALTER STORE, $500; 961 Broadway; owner, Fred Dodd; builder, Harris Construction Co, P O Box 109.

ADD TO GARAGE, $300; 1016 Poplar; owner, J C Heaslet.

ADD TO DWELLING, $200; 3243 Iowa; owner, Hettie Carden.

FINISH GARAGE, $200; 2306 Cambridge; owner, Ralph P Cobb.

Building Permits, $500.00 and Over, Issued by the Board of Public Works SAN FRANCISCO COUNTY

JANUARY 17, 1946

SE Keith and Armstrong. Alter warehouse. Cost, $5000. Owner, Bauer Cooperage.

1789 35th Ave. Alter home. Cost, $800. Owner, Helen Whitmore.

1159 Market St. Alter store. Cost, $20,000. Owner, Morris V Benatar.

1220 31st Ave. Alter dwelling. Cost, $3000. Owner, J Short.

1525 Steiner St. Alter office. Cost, $1000. Owner, P A Rector.

2200 Great Highway. Alter restaurants. (2) Cost, $900 each. Owner, Mr Roberts.

1220 Pacific. Alter apartments. Cost $1000. Owner, Calvin Samm.

1554 Ellis St. Alter apartments. Cost, $6500. Owner, George Slaffin.

30 Mason St. Alter tavern. Cost, $1000. Owner, Mr Woodward.

70 Turk St. Alter bar. Cost, $3000. Owner, John Busterno.

439 Jones St. Alter hotel. Cost, $2000; Owner, J Samter.

1 Marne Ave. Alter dwelling. Cost, $1000. Owner, K S Mitchell.

287 Geary St. Alter office. Cost, $20,000. Owner, Western Air Lines, Inc.

3699 Washington St. Alter home. Cost, $1500. Owner, Leland Roseman.

1701 Lombard St. Alter electrical appliance shop. Cost, $775. Owner, W F Dahlstrom.

1670-1674 Haight St. Alter shop. Cost, $7400. Owner, Elso Margo.

5142-5156 Geary Blvd. Alter real estate office. Cost, $3900. Owner, Heyman Bros.

5 Wawona St. Alter residence. Cost $500. Owner, C A Hankel.

N Prague St 94.22, 134.86, 168.21, 20154 W Curtiss St. 1-story frame buildings (4). Cost, $7000 each. Owner, Peninsula Building Co, Crocker-Amazon Project.

NE corner Shield and Byxby, NE corner Garfield and Ralstrom. 1-story frame buildings (2). Cost, $6000 each. Owner, California Construction.

NE corner 24th Ave and Pacheco. 1-story frame building. Cost, $11,000. Owners, Mr and Mrs Thor Erickson.

E side of 34th 179 N of Taraval. 1-story frame building. Cost, $6000. Owner, Walter J Larson.

N Sargent 75, 100 W Ralstrom. 1-story frame buildings (2). Cost, $5250 each. Owner, California Construction.

Stanyan St 328 S Rivoli. 2-story frame building. Cost, $7400. Owner, John Bertelsen.

SE Prentiss 225 S of Parboe. 1-story frame building. Cost, $4200. Owner, J A Johansen.

N side France Ave 25 W Moscow St. 1-story frame building. Cost, $6000. Owner, David A Burton.

BUILDING CONTRACTS

ALAMEDA COUNTY

FACTORY BLDG, 1-STORY
4701 SAN LEANDRO ST, Oakland.
Owner—National Lead Company.
Architect—Not Given.
Contractor—Barrett & Hilp, 918 Harrison St, San Francisco.
Recorded, Jan. 14, 1946. Dated, ...
Upon completion $2,750
Usual 35 days after..................2,750
TOTAL COST, $5,500
Plans and specifications filed.

REPAIRS TO steel sash and concrete walls.
Owner—Southern Pacific Company.
Architect—Not Given.
Contractor—Central California Construction Co, San Francisco.
Recorded, Jan. 14, 1946. Dated, ...
Month work completed............ 75%
Usual 35 days after................... 25%
TOTAL COST, $3,625
Bond, $3625. Sureties, U. S. Guarantee Co. Limit, 120 calendar days. Plans and specifications filed.

Furnace Permits

OAKLAND

81 Marlow Dr; owner, Bevelaqua; dealer, L F Witharm; floor furnace.

87 Marlow Dr; owner, Bevelaqua; dealer, L F Witharm; floor furnace.

101 Marlow Dr; owner, Bevelaqua; dealer, L F Witharm; floor furnace.

109 Marlow Dr; owner, Bevelaqua; dealer, L F Witharm; floor furnace.

115 Marlow Dr; owner, Bevelaqua; dealer, L F Witharm; floor furnace.

1520 18th Ave; owner, Martin; dealer, R Skelton; floor furnace.

19 Marlow Dr; owner, Bevelaqua; dealer, L F Witharm; floor furnace.

2901 Revere; owner, Bevelaqua; dealer, L F Witharm; floor furnace.

2911 Revere; owner, Bevelaqua; dealer, L F Witharm; floor furnace.

2925 Revere; owner, Bevelaqua; dealer, L F Witharm; floor furnace.

5840 Seminary Ave; owner, Brock; dealer, W E Ruf; floor furnace.

6651 Brann; owner, Joseph; dealer, E J Hoerst; floor furnace.

926 Apgar St; owner, B L Loiue; dealer, M Santos; floor furnace.

4047 Sequoyah; owner, Lincoln; dealer, A I Industrial; central furnace.

Completion Notices

SAN FRANCISCO COUNTY

Recorded Accepted
Jan. 17, 1946—E 38th Ave 300 S Ulloa S 25 x E 120. Harlow S Hanson to G E Carlson Co...........
....Jan. 15, 1946
January 18, 1946

ALAMEDA COUNTY

Recorded Accepted
Jan 16, 1946—6934 SIMSON Street, Oakland. Cosca Bldrs, Inc to whom it may concern.....................
....January 9, 1946

Jan 16, 1946—14988-14982, 14976-2 LARK ST, San Leandro. Victory Bldg Co to M Jordan & Son........
....January 11, 1946

Jan 16, 1946—LOT 6 ptn Lot 5, Blk 5, Blk A, Hilton Tract. Chas E Reischach to whom it may concern.....................January 14, 1946

Jan 15, 1946—LOTS 9, 10 and 11, Blvd Tract, Alameda (2 dwellings). John C Grantham to whom it may concern...................
....January 11, 1946

Jan 16, 1946—2911 REVERE Ave, Oakland. Ulisse and Thomas Bevilacqua to Bevilacqua Bros..
....January 14, 1946

Jan 16, '46—20453 FOOTHILL Blvd Hayward. John H Sandifer, Cleo E Heitzel and Wm O McDowell to whom it may concern...................
....January 10, 1946

Release of Liens

SAN FRANCISCO COUNTY

Recorded Amount
Jan. 17, 1946—Labor and material, W Costa and Bay Shore Blvd. Carl H Wellnitz & Caesar De Narde, doing business as Well-Wellnitz & De Narde, to Joseph and Paoline Franzella...............$9,540.13

Liens Filed

ALAMEDA COUNTY

Recorded Amount
Jan 17, 1946—SAN PABLO AVE southerly 83.51 ft Stanford Ave, Oakland. Minoggio Bros vs Sophie O'Neill, J F Mullins and John Doe Morey $203.60

Jan 17, 1946—LOT 22 Blk S, Toler Heights. Murphy Bros vs A F and Frances L Burnsen..............$548

Non-Responsibility

SAN FRANCISCO COUNTY

Jan. 16, 1946—750-750A Market St. Phelan Improvement Co as to improvements on property.

ALAMEDA COUNTY

Jan 15, 1946—3043 STANTON ST, Berkeley. Charles Fox as to improvements on property.

Jan 14, 1946—LOT 4 Blk D, Amd Map Salinger Tr, Berkeley. Veterans Welfare Board of the State of California as to improvements on property.

Jan 14, 1946—LOT 23, Subdiv map Peralta Park, Berkeley. Veterans Welfare Board of the State of California as to improvements on property.

Jan 14, 1946—LOT 38 ptn Lot 39, Blk 25, map No 8, Regents Park, Albany. Veterans Welfare Board of the State of California as to improvements on property.

Electrical Permits

SAN FRANCISCO COUNTY

7635 76 West Portal; owner, M R Crane; contractor, Industrial Marine Electric; 4 outlets; 4 switches; alterations.

7636 1175 Market St; owner, J M Long & Co; contractor, Industrial Marine Electric; 1 plug.

7637 32 Clay St; owner, Harbor Club; contractor, Independent Elevator Co; alterations.

7638 172 6th St; owner, Dudley Apts; contractor, Independent Elevator Co; service.

7639 N Grandview Ave 500 E of Market St; owner, Little; contractor, B J Doherty; service.

7640 1428 Hyde St; owner, Fernquist; contractor, G H Armstrong Electric; alterations.

7641 154 Sutter St; owner, M Seaman; contractor, Ace Electric; 10 outlets.

7642 Civic Auditorium; owner, City and County of San Francisco; contractor, C J Holzmueller; service.

7643 2200 Great Highway; owner, M Roberts; contractor, Brumfield Electric Sign Co; 2 signs; 8 transformers.

7644 30 Mason St; owner, M Woodward; contractor, ...; sign; 6 transformers.

7645 2212 Mission St; owner, M Knolls; contractor, Brumfield Electric Sign Co; sign; transformer.

7646 2583 Mission St; owner, Dick Stathfori's; contractor, Brumfield Electric Sign Co; sign; 2 transformers.

7647 N WCor Arch and Garfield; owner, Dahlstrom; contractor, Arc Elec Co; service.

7648 54 Danton St; owner, H H Ellington; contractor, Arc Electric Co; 10 outlets; 10 switches; 8 plugs.

7649 301 DeLong St; owner, F A Vignet; contractor, Arc Elec Co; 10 outlets; 10 switches; 8 plugs.

7650 1020 Bush St; owner, Mills; contractor, Malm & Weiter; 6 outlets.

7651 45 McLaren; owner, ...; contractor, Malm & Weiter; 3 plugs.

7652 821 Goettingen St; owner, Carraro; contractor, A J Ferrera; 10 outlets; 8 switches; 10 plugs.

7653 827 Goettingen St; owner, Carraro; contractor, A J Ferrera; 10 outlets; 8 switches; 10 plugs.

7654 2209 Polk St; owner, Gene's Cafe; contractor, Wonderlite Neon Products Co; 2 transformers.

7655 509 Sansome Street; owner, French; contractor, O'Keeffe, The Fan Man; 1 motor.

7656 111 San Felipe Street; owner, Keller; contractor, Edison Electric Co; 6 outlets; 3 switches; 6 plugs.

7657 730 Jackson St; owner, Joe Shoong School; contractor, Penmar Elec Co; 38 outlets; 21 switches; 32 plugs; service.

7658 973 Market St; owner, Wilson Bldg; contractor, State Elec Co; 4 motors.

7659 2299 Mission Street; owner, Ciati; contractor, M Schimetschek; alterations.

7660 270 27th Ave; owner, Steve Desmond; contractor, M Schimetschek; 6 outlets; 5 switches; 4 plugs.

7661 NE Cor 44th Ave and Balboa St; owner, M J King; contractor, M Schimetschek; service.

7662 1107 Greenwich Street; owner, Finch; contractor, M Schimetschek; service.

7663 517 California St; owner, Capital Co; contractor, Pacific Elec & Mechanical Co; 4 outlets; 1 motor; 4 plugs; alterations.

7664 254 Sutter Street; owner, Weingarten; contractor, Pacific El & Mech Co; 2 outlets.

7665 1015 Shotwell; owner, Arnold; contractor, Pacific Elec & Mech Co; alterations.

7666 168 2nd St; owner, Quaker Co; contractor, Pacific Elec & Mecn Co; 1 outlet.

7667 145 Stillman St; owner, W L Mackey; contractor, Byington Elec Co; service.

7668 2710 Scott St; owner, Fingerson; contractor, Byington Elec Co; 6 outlets; 2 switches; 8 plugs.

7669 125 12th St; owner, Moniter; contractor, Byington Elec Co; service; 4 motors.

7670 727 Gough St; owner, C J Anderson; contractor, Central Elec Co; service.

7671 870 Market St; owner, Flood Estate; contractor, Central Electric Co; 6 outlets; 2 plugs.

7672 W Mississippi St; owner, ...; contractor, Buzzell Elec oWrks; service.

7673 2418 Lombard Street; owner, Johnson and Murphy; contractor, Mohrdick Electric Co; alterations.

7674 1225 Folsom Street; owner, Step-in Tavern; contractor, Mohrdick Electric Co; 6 outlets; 1 plug.

7675 447 14th Ave; owner, Akalaeff; contractor, Mohrdick Electric Co; alterations.

7676 SW Cor San Bruno and Silver Aves; owner, Campbell Constr Co; contractor, Mohrdick Elec Co; 4 motors.

7677 2322 Lombard St; owner, Pollo; contractor, Eureka Electric Co; 3 switches; 18 plugs.

7678 385 Fell St; owner, Lotte; contractor, Eureka Elec Co; 3 outlets; 2 switches; 16 plugs.

7679 708 Commercial St; owner, Lincoln Shrimp Co; contractor, Columbia Elec Co; 6 outlets; 2 switches; 3 motors.

7680 2200 Great Highway; owner, Roberts; contractor, O'Keeffe, The Fan Man; 3 outlets; 4 motors.

7681 1663 Mission St; owner, Pacific Tea Co; contractor, Weber-Conroy; 4 outlets.

7682 SE Cor Lombard and Lyon; owner, Veltex; contractor, Weber-Conroy; 3 motors; alterations.

7683 1167 Mission Street; owner, American Import Co; contractor, Ace Elec Co; 8 outlets; 2 switches; 3 plugs.

7684 284 Golden Gate Ave; owner, ...; contractor, Golden Gate Elec Co; alterations.

7685 2229 Irving St; owner, Kelly-Wells; contractor, Golden Gate Elec Co; 3 outlets.

7686 952 Sutter St; owner, ...; contractor, Golden Gate Elec Co; 1 outlet; alterations.

7687 4629 Geary; owner, Adler; contractor, Frank J Klimm Co; service.

7688 1330 Leavenworth St; owner, H Reid; contractor, Frank F Goodman; service.

7690 1301 Van Nes Ave; owner, James Co; contractor, F F Goodman; service.

7691 NE Cor 3rd and aMriposa; owner, Bethlehem Steel Co; contractor, Geo F Brayer; 254 outlets; 14 switches; 14 plugs; service.

7692 730 Montgomery St; owner, Ernest Born; contractor, Scott-Buttner Elec Co; 21 outlets; 4 switches; 4 plugs; alterations.

7693 69 Van Ness Ave; owner, Camp-Nichols; contractor, George F Brayer; 1 sign.

7694 Bay Bridge; owner, Bay Bridge Garage; contractor, Ets-Hokin-Galvan; 5 outlets; 3 switches; 7 plugs.

OAKLAND

34835 Havenscourt and E 14th St; owner, General Petroleum Corp; contractor, Associated Electrical & Mech Co; sign.

34836 5130 E 14th St; owner, General Petroleum Corp; contractor, Associated Electrical & Mech; sign.

34837 8400 E 14th St; owner, General Petroleum Corp; contractor, Associated Electrical & Mech; sign.

34838 1044 23rd Ave; owner, Dreisback Lumber Co; contractor, Vincent Electric Motor; 20 outlets; 6 switches; 6 plugs.

Engineering Section

29— STREETS AND HIGHWAYS

January 18, 1946

CONTRACT AWARDED

NEW MEXICO STATE.—Frank M. Kenney, 1635 Clay St., Denver, at $189,619 awarded contract by F. G. Healy, State Highway Engineer, Capitol Bldg., Santa Fe, N. M., for construction of Federal Aid Project No. FAGM 208-D (1) (off), located in Colfax County on N. M. Highway Route 72 at Raton, approx. 0.185 mile in length. The work consists of construction of railroad and highway underpasses, concrete pavement and sidewalks and misc. construction. The bids were received Nov. 27. 29

January 18, 1946

CONTRACT AWARDED

MONTEREY COUNTY, Calif. — A. Teichert & Son, Inc., Box 1113, Sacramento, at $795,692 awarded contract by the State Division of Highways, G. T. McCoy, State Highway Engineer, Public Works Bldg., Sacramento, for about 8.4 miles in length to be graded, crusher run base and plant mix surfacing to be placed and seal coat to be applied, between Santa Rita and .8 mile north of Crazy Horse Summit in Monterey County. 29

30—RESERVOIRS & DAMS

January 18, 1946

BIDS WANTED

MISSOURI BASIN PROJECT, Wyoming.—Until March 12, 2 P. M., bids will be received by the Bureau of Reclamation, Casper, Wyo., for the construction of Kortes dam and power plant, Kortes Unit, Missouri Basin Project, Wyoming; Specification No. 1151. The work is situated on the North Platte River, about 62 miles by road southwest of Casper, Wyo.

The principal items of work and the estimated quantities involved are as follows:

(1) diversion and care of river during construction and unwatering foundation;
(2) 3000 cu. yds. excavation, all classes, stripping canyon walls of loose rock;
(3) 65,000 cu. yds. excavation, stripping and coarse aggregate deposits;
(4) 22,000 cu. yds. excavation, common, for dam, power plant and spillway crest and inlet;
(5) 104,000 cu. yds. excavation, rock, for dam, power plant and spillway crest and inlet;
(6) 19,000 cu. yds. excavation, all classes, in spillway tunnel;
(7) 3500 cu. yds. excavation, all classes, for cut and cover section of outlet portal structure;
(8) 600 cu. yds. excavation, all classes, in foundation tunnels;
(9) 9000 cu. yds. excavation, common, for tailrace;
(10) 21,000 cu. yds. excavation, rock, for tailrace;
(11) 76,000 cu yds. excavation, common, for channel improvement;
(12) 19,000 cu. yds. excavation, rock, for channel improvement;
(13) 14,000 cu. yds. excavation, common, for roadway;
(14) 40,000 cu. yds. excavation, rock, for roadway;
(15) 240 cu. yds. excavation, common, for roadway structures;
(16) 250 cu. yds. excavation, rock, for roadway structures;
(17) 430 cu. yds. excavation, all classes, for water supply tank and pipeline;
(18) 6500 lin. ft. drilling line holes for rock excavation;
(19) 3200 cu. yds. backfill;
(20) 1200 cu. yds. compacted backfill;
(21) 3,170,000 sta. cu. yds. overhaul;
(22) 560 cu. yds. riprap;
(23) 870 cu. yds. rubble masonry;
(24) 580 cu. yds. gravel surfacing;
(25) 80 sq. yds. grouted paving;
(26) 229 lin. ft. laying 24-in. corrugated metal pipe culverts;
(27) 150 lin. ft. core drilling 5½-in. holes not more than 50 ft. deep;
(28) 3000 lin. ft. drilling grout holes not more than 30 ft. deep, excluding holes for spillway and diversion tunnels;
(29) 1000 lin. ft. drilling grout holes more than 30 ft. deep and not more than 50 ft. deep;
(30) 9000 lin. ft. drilling rout holes more than 50 ft. deep and not more than 100 ft. deep;
(31) 15,000 lin. ft. drilling grout holes more than 100 ft. deep and not more than 150 ft. deep;
(32) 2000 lin. ft. drilling grout holes more than 150 ft. deep and not more than 200 ft. deep;
(33) 4700 lin. ft. drilling grout holes not more than 30 ft. deep from spillway and diversion tunnels;
(34) 200 lin. ft. drilling drainage holes not more than 25 ft. deep;
(35) 2000 lin. ft. drilling drainage holes more than 25 ft. deep and not more than 50 ft. deep;
(36) 4000 lin. ft. drilling drainage holes more than 50 ft. deep and not more than 75 ft. deep;
(37) 200 lin. ft. drilling drainage holes more than 75 ft. deep and not more than 100 ft. deep;
(38) 400 lin. ft. drilling weep holes;
(39) 2600 lin. ft. drilling holes for anchor bars and grouting bars in place;
(40) 33,000 cu. ft. pressure grouting foundation without packers;
(41) 22,000 cu. ft. pressure grouting foundation with packers;
(42) 1200 cu. ft. pressure grouting contraction joints and cooling system;
(43) 3600 lin. ft. forming holes for 5-in. open drains;
(44) 300 lin. ft. constructing 4-in. sewer pipe drains with uncemented joints, embedded in gravel;
(45) 500 lin. ft. constructing 6-in. sewer pipe drains with uncemented joints, embedded in gravel;
(46) 150 lin. ft. constructing 12-in. sewer pipe drains with uncemented joints, embedded in gravel;
(47) 240 lin. ft. constructing 6-in. sewer pipe drains with cemented joints;
(48) 30 lin. ft. constructing 18-in. sewer pipe drains with cemented joints;
(49) 30 lin. ft. constructing 24-in. sewer pipe air vents with cemented joints;
(50) 260 lin. ft. constructing 6-in. split sewer pipe drains with uncemented joints, embedded in gravel;
(51) 130,000 cu. yds. concrete in dam;
(52) 250 cu. yds. concrete in sidewalks, curbs and parapets;
(53) 590 cu. yds. concrete in trashrack structures;
(54) 4200 cu. yds. concrete in power plant substructure;
(55) 3000 cu. yds. concrete in power plant superstructure;
(56) 2200 cu. yds. second stage concrete in power plant;
(57) 20 cu. yds. concrete in blockouts;
(58) 1900 cu. yds. concrete in tailrace retaining walls;
(59) 4100 cu. yds. concrete in spillway tunnel lining;
(60) 1900 cu. yds. concrete in inlet portal structure and open transition of spillway;
(61) 1100 cu. yds. concrete in cut and cover section of outlet portal structure;
(62) 250 cu. yds. concrete in foundation tunnel lining;
(63) 90 cu. yds. concrete in water supply tank;
(64) 80 cu. yds. concrete backfill in water supply line trench;
(65) 82,000 cu. yds. cooling concrete;
(66) 900 sq. yds. special finishing of concrete lining of spillway tunnel;
(67) 3300 sq. ft. special finishing of concrete surfaces, except tunnel lining;
(68) 70 finishing lighting recesses;
(69) 160 sq. yds. shipping and roughening concrete surfaces;
(70) 3,000,000 lbs. placing reinforcing bars and fabric;
(71) 1500 insulating intersection of reinforcing bars and electric conduit;
(72) 6400 lin. ft. installing metal sealing strips;
(73) 1300 lin. ft. installing cover plates on vent grooves;
(74) 2000 sq. ft. installing expansion joint filler;
(75) 200 lin. ft. installing asphalt seals;
(76) 9000 sq. ft. installing coal tar saturated felt roofing;
(77) 1100 sq. yds. bonded concrete floor finish;
(78) 4600 sq. ft. placing membrane waterproofing;
(79) 140 lin. ft. installing control joints in power plant;
(80) 1300 sq. yds. dampproofing exterior walls;
(81) 77,000 lbs. installing bulkhead gate frames and guides;
(82) 24,000 lbs. installing bulkhead gates;
(83) 345,000 lbs. installing butterfly valves;
(84) 4700 lbs. installing pumps and eductors;
(85) 400,000 lbs. installing penstock pipes;
(86) 156,000 lbs. erecting structural steel framework;
(87) 148,000 lbs. installing traveling and gantry cranes, transformer transfer car and hoist and frame;
(88) 55,000 lbs. installing track rails;
(89) 39,000 lbs. installing trashracks;
(90) 96,000 lbs. installing metal tubing and brass, steel, wrought iron and cast iron pipe, fittings and valves less than 6-in. nominal diameter;
(91) 152,000 lbs. installing metal tubing and brass, steel, wrought iron and cast iron pipe, fittings and valves 6-in. and gerater nominal diameter;
(92) 10,600 lbs. installing exterior water supply line;
(93) 66,000 lbs. installing metal tubing and fittings for concrete cooling system;
(94) 12,000 lbs. installing contraction joint grout tubing and fittings;
(95) 4000 lbs. installing metal pipe handrails;
(96) 53,000 lbs. installing metal stairways;
(97) 8000 lbs. installing embedded metal work for floor openings;
(98) 48,000 lbs. installing gratings, platforms and covers for floor openings;
(99) 13,000 lbs. installing oil storage tanks;
(100) 980 sq. ft. installing metal accordian doors;
(101) 760 sq. ft. installing metal swinging doors;
(102) 40 sq. ft. installing metal fire doors;
(103) 460 sq. ft. installing metal sash windows;
(104) 1200 lbs. installing metal louvers;
(105) 170 sq. ft. installing metal partitions;
(106) 18,500 lbs. installing miscellaneous metal work;
(107) 1500 lbs installing plumbing fixtures and appurtenant hardware;
(108) 1800 sq. ft. installing glass block panels;
(109) 240 sq. ft. installing glass partitions;
(110) 4800 lin. ft. installing embedded electric metal conduit 1¼-in. or less in diameter;
(111) 1800 lin. ft. installing embedded electric metal conduit larger than 1¼-in. and not larger than 3-in in diameter;
(112) 1600 lin. ft. installing electric nonmetallic conduit;
(113) 4400 lbs. installing ground wiring material;
(114) 3000 lin. ft. installing electric cable for temperature, strain and stress measuring instruments, embedded in concrete;
(115) 5300 tons transporting freight of all kinds for the government or its agents, other than the contractor, between the railhead and the damsite.

One thousand calendar days for completion. No charge to prospective bidders for copies and specifications and drawings; to others, $4.25 per copy, not returnable. Guarantee of 10% to accompany bids.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: E. B. Debler, regional director, 501 Continental Oil Bldg., Denver, Colo.; I. J. Mathews, construction engineer, Casper, Wyo.; Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the construction engineer. A limited supply of advance copies of the specifications is immediately available for bidders only. Printed copies will probably be available about January 30, 1946. • 30

32— SEWERS & SEWAGE DISPOSAL PLANTS

January 18, 1946

BIDS WANTED

MILL VALLEY, Marin Co., Calif. —Until March 20, 8 P. M., bids will be received by the City of Mill Valley, City Clerk's Office, City Hall, for the construction of sanitary sewers of the following materials and sizes: vitrified clay pipe sewers of 8-, 10-, 15-, 18-, 21- and 30-in. sizes, and cast iron pipe sewers of 8- and 12-inch sizes, together with manholes, lampholes and wye branches and reinforced concrete trestles on wood piles for the supporting of the 30-inch pipe in unstable ground.

Plans and specifications prepared by Engineer John S. Bates, 3134 Eton Ave., Berkeley, will be available to contractors on February 28 upon deposit of $25.00, returnable with a bid.

Machinery & Material

SAN FRANCISCO CITY

SAN FRANCISCO.—Until January 25, 3 P. M., bids will be received by the Purchase rof Supplies, Room 270 City Hall, for furnishing and delivering 20 sets of armature coils for street car motors for the Municipal Railway.

Specifications and proposal blanks available from the above office. •

SAN FRANCISCO.—Until January 28, 3 P. M., bids will be received by the Purchaser of Supplies of the City and County of San Francisco, 270 City Hall, for furnishing and delivering 100 rolls Mastipave floor paper for the Municipal Railway.

Specifications and proposal blanks available from the above office. •

U. S. FOREST SERVICE

SAN FRANCISCO.—Until January 25, 2 P. M., bids will be received by the U. S. Department of Agriculture, Forest Service, 447 Sansome St., San Francisco, under Bid No. 347 for 706 steel fence posts and gates, f.o.b. Corning, Calif.

Specifications obtainable from the above office. •

SAN FRANCISCO.—Until January 29, 2 P. M., bids will be received by the U. S. Department of Agriculture, Forest Service, 447 Sansome St., San Francisco, under Bid No. 348 for 66 telephone crossarms, electric light type, f.o.b. Sonora, Calif.

Specifications obtainable from the above office. •

SAN FRANCISCO.—Until January 29, 2 P. M., bids will be received by the U. S. Department of Agriculture, Forest Service, under Bid No. 349 for three gasoline engines for power grinders, f.o.b. Santa Barbara and Nevada City, Calif.

Specifications obtainable from the above office. •

SAN FRANCISCO.—Until January 30, 2 P. M., bids will be received by the U. S. Department of Agriculture, Forest Service, 447 Sansome St., San Francisco, under Bid No. 350 for 16 pulleys, f.o.b. Salinas, Calif.

Specifications obtainable from the above office. •

U. S. TREASURY

SAN FRANCISCO.—Until February 11, 2 P. M., bids will be received by the U. S. Treasury Department, 30 Van Ness Ave., San Francisco, under Inv. No. SF-2752-46 for 300 shovel handles (long handle, round point, No. 0), ash, grade X, f.o.b. 650 5th St., San Francisco.

Specifications obtainable from the above office. •

SAN FRANCISCO.—Until January 31, 2 P. M., bids will be received by the U. S. Treasury Department, 30 Van Ness Ave., San Francisco, under Inv. SF-2738-46 for 180 paper fastening, wire staple preformed, machines, f.o.b. 1240 Palmetto St., Los Angeles.

Specifications obtainable from the above office. •

Prospective Bidders

Garage and Auto Sales Building, Burlingame, Calif.

BIDS: James W. McAllister, Inc., 1200 Van Ness Ave., San Francisco, January 18, 3 P. M. Plans by Architects Sharps & Brown, 1477 Burlingame Ave., Burlingame.

Parker, Steffens & Pearce, 135 So. Park, San Francisco.

MacDonald, Young & Nelson, 127 Montgomery St., San Francisco.

G. W. Williams Co., 10 California Drive Burlingame.

De Luca & Son, 1745 Filbert St., San Francisco.

BUILDING NEWS CONTINUED ON PAGE SEVEN

Classified Advertising

WANTED

PAINTING ESTIMATOR, preferably one with experience or background adaptable to this line of work. Reply Box 118, c/o Daily Pacific Builder. 1/18-21-22-23-24/46

FIRST-CLASS ARCHITECTURAL DRAFTSMAN. Salary to suit. Call HIgate 6449. 1/16-17-18-21-22/46

CONSTRUCTION SUPERINTENDENT for permanent position with construction company on the Peninsula. Nichols White, Inc., 156 University Ave., Palo Alto. Phone Palo Alto 7876 or 6827. 1/16-17-18/46

BLDG. CONSTR. SUPT., good future. State experience and references. Reply Box 16, c/o Daily Pacific Builder. tf

SENIOR DRAFTSMAN for permanent position in architectural office located on the Monterey Peninsula. Contact C. J. Ryland by phone at Carmel 404 or write P. O. Box 847, Monterey. 1/14-15-16-17-18-21, 46

Experienced architectural DRAFTSMAN out of city. If interested, housing available. Mayo & Johnson, 307 Exchange Bldg., Stockton. Phone Stockton 9-9350.

POSITION WANTED

VET.—POWDERMAN—desires position with reliable company as ADVISER, ESTIMATOR or MECHANIC. 10 years' experience. Water, hard rock, excavation, operate jackhammer, wagon drill and cable tool rig. Write Bill De Maupassant, 8 Wildwood Ave., Oakland, Calif. 1/16-17-18/46

ENGINEER—steam—experienced—age 32, desires position as plant operator. Reply Box 115, c/o Daily Pacific Builder. to Jan. 18, '46

Young man desires SALES POSITION with organization handling line of BUILDING MATERIALS. College background, alert, aggressive, neat appearing. Contact Warren S. Michael, BA. 9469, or address reply 175 18th Ave., S. F. 18. •

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Fifty-sixth Year—Vol. 56—No. 14 SAN FRANCISCO, MONDAY, JANUARY 21, 1946 PRICE 15 CENTS PER COPY

PLANS and Speculations

Construction of two additional wings of three classrooms each, a teachers' rest room and covered corridors between buildings will be starte dimmediately at the new Edgemont School, in SAN BRUNO, by Peter Sartorio, San Francisco building contractor. Sartorio was awarded contract for the reinforced concrete structure on his bid of $81,568. . . Enlargement of PITTSBURG'S filter plan is expected to start in two weeks. Contract was awarded Price & Abernathy representing Pipeline Construction Company, of El Cerrito.

oOo

To aid in the promotion of STOCKTON Field as a municipal airport after it is turned over to the city, and development of other airports in the county, the Stockton Engineers Club has appointed an Airport Committee, whose services have been offered to city and county officials. The committee is composed of E. F. Brieger as chairman; J. B. Manthey, county surveyor; Bert Reber, State Highway civil engineer; E. D. Thoits, San Joaquin County Local Health District sanitary engineer; H. A. Walker, electrical engineer, and C. H. Widdows, consulting civil engineer.

oOo

Construction of a new million-dollar food packing plant for the Pacific Coast will begin at once in OAKLAND, according to a release from the Butler Packing Company of Seattle. The company packs Dennison's prepared foods and the new plant will pack tomato products in bottles and tins. . . Contractor William Soivock will build a $35,000 venetian blind plant for Mel Lauriton and Roy Hamilton, at 10131 Edes Ave., OAKLAND. . . Expansion of the Davis Millwork Company plant at 930 Ashby Avenue, BERKELEY, has been started.

oOo

Plans for a new plant for the Atlas-Pacific Engineering Co., fabricators of food processing and other types of industrial machinery, indicated its forthcoming move to a new site on Hollis St. between 66th and 67th Sts., EMERYVILLE. The firm plans expenditure of $125,000 on site, building and the equipment, with the new plant expected to be ready for occupancy in May.

oOo

A gift of $25,000 has been presented to the city of San Juan Bautista by Mr. and Mrs. Arthur S. Nyland, to be used in the construction of a new civic center. Architect Charles Butner of Salinas, is drawing the plans, and contractor Axel Carlsen, also of Salinas, will handle the construction. The job is slated to start in May or June.

Builders Urged To Include 'Phone Wiring In Plans

K. P. Wood, General News Service Manager of the Illinois Bell Telephone Company, in conference with Paul S. Van Auken, Director of the National Association of Home Builders Convention and Exposition to be held at the Stevens Hotel, Chicago, February 25-28, said, "Orders for telephones held up because of shortages are diminishing month by month and it is expected that this year telephone service will be available to everyone. Prospective home builders, therefore, might well consider the problem of concealed telephone wiring in their plans.

"No contractor or builder would make plans for any type of postwar home without including provisions for inconspicuous plumbing and electrical work. It is just as important and logical to provide for concealed telephone wires."

Wood went on to say, "The telephone installer cannot, in most cases, feed telephone wires thru finished walls and floors in order to conceal them. Thus the beauty of an otherwise well planned home is often marred because of exposed telephone wiring on walls, moldings and baseboards. A simple piece of conduit put in place while the home is being built provides for neat telephone outlets wherever desired by the home owner. These telephone outlts, similar in design to the electrical outlets, make possible installation of telephones without morring finished walls and woodwork.

"Telephone conduit, which is built in, costs very little when included in home building plans. The telephone company provides all wires, does the wiring work and assists in determining location of telephone outlets. A contractor or builder has merely to see that the proper conduit is in place. To avoid later annoyances to clients, contractors and builders should specify built-in conduit in the original building plans."

The telephone company's exhibit at the National Association of Home Builder's Convention and Exposition will give visual proof of the advantages to home owners, builders and contractors alike. The convention will take place in the Exhibit Hall of the Stevens Hotel, Chicago, February 25 - 28.

Study Made for Columbia River Navigation Impts.

Suggested navigation improvements in the Columbia River will save Columbia Basin Project settlers and industrial establishments more than $700,000 yearly in transportation charges, the Bureau of Reclamation has been informed in a report prepared by U. S. Army Engineers.

Already destined to provide water and power for the extensive irrigation development in south-central Washington, the Columbia also can be used to handle many thousands of tons of freight for the more than 250,000 persons who ultimately will live in the Basin, the report explains.

In advocating further navigation improvements for the Nation's second largest river, the Army engineers predict that annual savings of more than $400,000 would accrue from Columbia River transportation of petroleum products to the Basin; $216,000 from imports of general merchandise; and $108,000 from exports of farm products.

"These savings are computed on present rates for rail haul, and a probable future water rate, which it is estimated will prevail upon completion of the projects proposed for the Columbia River," the report comments. "Although the spread between rail and water rates may be les in the future, it is believed that rail rate reductions will result mainly from increased use of the river as an artery of transportation."

Besides the estimated yearly imports of 175,000 tons in petroleum products, such materials as sugar. salt, canned gods, building materials, and heavy hardware also would be shipped to the Basin by river, from manufacturing centers on the Lower Columbia, according to the engineers.

River imports of general merchandise to the Basin eventually will reach 100,000 tons annually, the report states. These would consist of salt and sugar, 15,000 tons; groceries, including canned goods, 20,000 tons; and heavy hardware, glassware, and building materials, 65,000 tons.

On the export side, the river would carry about 50,000 tons of farms goods annually from the Basin, chiefly animal products and processed fruits and vegetables.

"In consideration of the favorable rates for ocean shipments of canned goods from Northwest ports to San Francisco and Los Angeles, it is probable that some of the surplus tonnage of processed vegetables and fruit will be routed via the Columbia River waterway to tidewater, thence to California markets by ocean carrier," the report points out.

Another possible source of outgoing tonnage would be products from electro-chemical, electro-metallurgical, and other industries which might take advantage of the great quantities of low-cost power produced by Grand Coulee Dam.

Included in the report, known as "River Transportation—Columbia Basin Joint Investigations", are charts and drawings showing the growth of the Columbia River as a commercial waterway, a map of channel dimensions, and tables of commodity movements for the period 1938 to 1943, inclusive.

"River Transportation" is Number 21 in a series of 28 studies sponsored by the Bureau of Reclamation to foster orderly development of the Columbia Basin Project. The 26-page report can be purchased for 10 cents per copy from the Superintendent of Documents, Washington 25, D. C.

New Time-Switch Clock Will Be Out In April

An ingenious time-switch clock that will control a radio and many other electrical appliances has been announced by the General Electric Company.

Called the Select-O-Switch, the new electric clock turns appliances on or off for pre-selected intervals over any 12-hour period.

According to Robt. O. Fickes, G. E.'s clock division manager, the new time control is one of the major steps in achieving complete automatic operation of the home.

"Refrigerators, heating plants, dishwashers and almost all the other major electrical equipment of the average American home have been mechanized during the past several decades," he said. "Now the Select-O-Switch makes possible automatic control of the radio, coffee maker, portable heater, roaster — any electrical appliance or combination of electrical appliances that is rated at 1650 watts or less."

The new clock, which is enclosed in a mottled chestnut plastic case measuring approximately 6½ inches wide, 5 inches high and 3 inches deep, permits the user automatically to turn the radio on to his favorite program, to turn it off at the end of the program, to turn in on again to another program, and so on.

Similarly, it permits the user to turn on a portable bathroom heater 15 minutes before he gets up in the morning and to turn it off again 15, 30, 45 minutes or up to 12 hours later.

Secret of the clock's automatic operation is the 48 "selection" keys ringing the ivory dial.

To operate the time-control device, the user first plugs the clock into a convenience outlet, then plugs the appliance to be controlled into the outlet in the back of the clock. The appliance is turned on, although it does not actually operate until the clock permits. (Manual control of the appliance is possible, however.)

When one of the 48 keys on the front of the clock is pulled out, the timer automatically turns on the connected appliance for the indicated 15 minutes. At the end of the operating period, the power is automatically turned off unless the next key, in a clockwise direction, is also pulled out.

Thus, if the timer is to operate from 8:00 to 8:30, the key opposite 8:00 together with the one to the left should be pulled out. After they have done their job, they are automatically reset to their "off" position so that the appliance operation will not be repeated at the end of 12 hours unless the keys are pulled out again.

Radio programs and other appliance operation can in this way be set up as much as 10 hours in advance.

Fickes said that the new clock is self-starting, requires no winding, has a sealed-in-oil mechanism, operates on 60-cycles, 110-125-volt A.C.

The clock will sell for $9.95 when it becomes available in April.

Policy for Acquisition, Development of California Beaches Adopted by State C. C.

A far reaching policy for acquisition, protection and development of California's beaches for recreation was adopted by the board of directors of the California State Chamber of Commerce, meeting in San Francisco. Dr. Robert Gordon Sproul, president of the University of California, presented the report of the special committee, which the directors approved and will actively seek adoption of necessary legislation to put it into effect.

The policies follow a two-year study of the problems growing out of lack of overall authority by any one state or federal agency to protect and safeguard this great natural resource.

"The War Department, authorizing any structure built seaward of the high water line considers only objections based on interference with navigation. The State owns tide and submarged lands and its Division of State Lands must also authorize each structure —but where tidelands have been transferred to a municipality or county, the state cannot prevent one city from building an ocean structure that may so influence waves and current as to seriously damage other communities' shorelines," Dr. Sproul declared.

"The State Division of Parks and Beaches has title over state-owned parks, landward from high water lines—but only above the high water mark, and not beyond the park itself. The State Division of Highways also does considerable seacoast work to protect its highways. The State Board of Health must approve ocean outfall pipe lines for sewage as they affect public health—and often this has been done without other state agencies studying the engineering and other features.

"Between all these state and federal agencies there is a degree of cooperation—which, however, is entirely voluntary, and depends on the desires of each agency. A law requiring joint action is needed. And this report proposes creation of a State Seacoast Engineering Board—composed of existing state officials and creating no new jobs—to carry on a continuing study of ocean forces at work along the coastline."

The two-year study, resulting in the new beach policy report, was made by a special committee authorized by Dr. Sproul, then chairman of the State Chamber's natural resources committee. Colonel Charles T. Leeds, formerly Southern California district engineer, U. S. Army Engineers, and now consulting seacoast engineer for the State Division of Lands, is chairman. Other members were: Supervisor Raymond T. Darby, Los Angeles county; State Highway Commissioner Wm. T. Hart, Carlsbad; Senator H. Raymond Judah, Santa Cruz; Col. John G. Macomb, retired Army Engineer, Guerneville; Prof. M. P. O'Brien, dean of engineering, University of California; Supervisor Willis H. Warner, Orange county, Horace S. Wilson, president Southern California Bldg. & Loan Assn., and P. G. Winnott, chairman Greater Los Angeles Committee. Advisory members included: Paul Bailey, Orange, former state engineer; L. Deming Tilton, planning director of San Francisco; George Hjelte, recreational director of Los Angeles; James K. Read, ex-Los Angeles county recreational director.

"In earlier days, there was little occasion for concern about our coatsline—there was room and opportunity for all," Sproul continued. "Now, however, with ever increasing population, the value of our seacoast for scenic beauty and recreation is increasingly appreciated. Visit one of our beaches on a good day and you will realize beach patronage is fact approaching Coney Island congestion.

"As with other natural resources, we must have wide conservation if our beaches are to be preserved. We have found already from bitter experience that we cannot allow erection of unplanned shoreline structures which seriously affect the beaches and hurt other communities.

"The 1945 legislature appropriated $10,000,000 to be matched by equal local contributions to purchase beach park areas and acquire beach frontage wherever the distance between the state highway and shore is under 300 feet. There is no overall administrative agency with adequate authority to examine and pass on proposed shore line and seaward improvements."

—V—

SQUEAKS MEAN WEAR

Squeaks and rattles are the first signs of wear in an automobile, cautions the California State Automobile Assn. It pays to have the car lubricated regularly and to have nuts and bolts tightened up at periodic intervals.

—V—

The use of reflective insulation back of a recessed radiator will save about 5 per cent of fuel, tests at the University of Illinois have disclosed. In the case of free-standing radiators, the saving is not appreciable, being less than 1 per cent.

Highway Engrs. Will Address State CC Meet

Highway programs now approved, investigations by the interim legislative committee, and proposed highway construction, financing, etc., will be considered January 24 at a meeting of the highway committee of the California State Chamber of Commerce's Central Coast Council, Dr. E. J. Leach, Salinas, chairman of the committee, announced today. The meeting, to be held Thursday morning at State Chamber of Commerce in San Francisco, will be attended by members from the nine Central Coast counties of California. State, county and municipal officials and representatives of major civic organizations will participate.

The $135,000,000 highway construction program for California—including approved current construction and the four-year construction budget—will be outlined by Col. John H. Skeggs and Lester A. Gibson, district engineers, State Division of Highways. The ten-year highway deficiency program recommended by the State Division of Highways to the Collier interim highway committee will be explained by Ridgeway Gillis, construction engineer, State Division of Highways. Central Coast Council recommendations to the Highway Commission also will be considered.

Other program features include the following:

Airline Highway, Assemblyman J. M. Leonard, Hollister; California Major Highway Development Committee program proposals, H. A. Mitchell, president Sacramento Northern Railway; county road programs, and financing, Wallace Boggs, county surveyor, Alameda county; investigations relative to a second Bay crossing, Irving H. Kahn, president Downtown Property Owners Assn., San Francisco, and two discussions by Edwin S. Moore, California State Automobile Assn., concerning urban parking problems and special session legislation concerning Highway Patrol financing.

The California State Chamber's Central Coast Council includes Alameda, San Francisco, Contra Costa, San Mateo, Santa Clara, Santa Cruz, San Benito, Monterey and San Luis Obispo counties.

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BUILDING SECTION

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For convenient reference, news reports in this section are classified as follows:

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1— APARTMENTS

January 21, 1946

PLANS COMPLETED
APARTMENT HOUSE
Approx. Cost, $80,000
BERKELEY, Alameda Co., Calif. Corner Dwight Way and Warring Street.
Construction of two-story frame and stucco apartment house to contain 9 apts.
Owner—Withheld.
Architect—W. H. Ratcliff, 2323 Shattuck Ave., Berkeley. * * 1

3— CHURCHES

January 21, 1946

COMPLETING WORKING DRAWINGS

SAN BERNARDINO, Calif.—Architect Wm. Woollett, 400 Rowan Bldg., Los Angeles, is completing working drawings and will take bids in about three weeks for a two-story masonry and frame church building to house a main auditorium, a Sunday school auditorium and administrative offices to be built in San Bernardino for the Gardens Community Church. Cost, $100,000. The main auditorium will seat 250 persons and the Sunday school auditorium 3[illegible] persons. 3

4— FACTORIES AND WAREHOUSES

January 21, 1946

SUB-CONTRACTS AWARDED
COMMERCIAL BUILDING
YUBA CITY, Sutter County, Calif. Plumas St.
Construction of one-story general merchandise store building.
Owner—Western Auto Supply Co., W. G. and Thomas Bennett, owners, Yuba City.
Plans by owner.
Contractor—McCoy & Butler, 1128 F St., Marysville.
Plumbing, Heating and Sheet Metal—Frank Booth, Marysville.
Electric Wiring—Elmer Miller, Marysville.
Tile Work—Jess Wallace, 819 Jones St., Yuba City.
Brick and Stone Work—M. Mark, Yuba City.
Grading—Lester Rice, 605 14th St., Marysville.
Mill Work—McCoy Planing Mill, Yuba City.
Hardware—Thomson-Diggs Co., 3rd and R Sts., Sacramento.
Painting—A. Grant, 625 E St., Marysville.
Linoleum—Cofer & Biglow, Yuba City. 4

January 21, 1946

CONTRACT AWARDED

LOS ANGELES, Los Angeles Co., Calif.—H. W. Baum, 1816 Doras St., Burbank, awarded contract for alterations and additions to the three-story masonry and concrete factory building at 925 S. Maple St., Los Angeles, for Maurice Holman, Inc., 834 S. Broadway, Los Angeles; estimated cost, $75,000. Plans were prepared by Architects Heitschmidt & Matcham, 417 S. Hill St., Los Angeles. 4

January 21, 1946

CONTRACT AWARDED

ROSEMEAD, Los Angeles Co.,—P. P. Walker Co., 3900 Whiteside Ave., Los Angeles, awarded contract for the construction of a new factory and office building on a 17-acre site on the north side of Valley Blvd., between Rio Hondo Ave. and Ellis Lane, Rosemead, for Clayton Manufacturing Co., 1812 Lemon Ave., Alhambra.

The office building will be two-story, brick or concrete construction, and will contain approximately 16,000 square feet of floor space; the factory building will be one-story, brick and steel construction, to contain about 110,000 square feet of floor space. Plans were prepared by the owner's engineering department. 4

January 21, 1946

COMPLETING PLANS

ONTARIO, San Bernardino Co., Calif.—Architect Theo L. Pletsch, 385 E. Green St., Pasadena, is completing plans for the construction of a factory building adjacent to the municipal airport, Ontario, for Fletcher Aviation Corp., 190 W. Colorado St., Pasadena. The company has acquired a B-29 hangar which will be converted to a factory building approximately 200x200 feet in area. Mr. Foote of the Fletcher Aviation Corp. is building superintendent. The engineering work is being handled by Brandow & Johnson, Chamber of Commerce Bldg., Los Angeles. 4

7—FEDERAL BUILDINGS

January 21, 1946

PLANS ON FILE

INYOKERN, Calif.—As previously reported, until February 5, 2 P. M, bids will be received by the U. S. Navy, officer in charge of construction, U. S. Naval Ordnance Test Station, Inyokern, for the construction of miscellaneous buildings, paving and utilities in area "K," hangar No. 2 (Yakutat), paving and utilities and a supersonic building and appurtenances thereto at the U. S. Naval Ordnance Test Station, Inyokern; Specification 17379, NOy 13211 The project involves the following buildings: firing barricade, observation building, magazine, spotting tower and spotters' shelters, garage, roads, water tank, pumphouse and sewage disposal, temperature control building and Yakutat type hangar, complete with underground steam conduit, paved apron, roads, ramp, etc. The supersonic building will be of reinforced concrete construction with all services.

Plans and specifications may be obtained from the above office upon deposit of $130, payable to the Chief of the Bureau of Yards and Docks.

A set of plans and copy of specifications is now on file for examination at the office of DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco. * 7

January 21, 1946

BIDS POSTPONED

SAN FRANCISCO.—Until January 21, 2 P. M. (bid opening date postponed from January 19), bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., for interior painting and miscellaneous repairs at U. S. Marine Hospital, 14th Ave. and Lake St., San Francisco.

Plans and specifications obtainable from the above office of the district engineer. * 7

January 21, 1946

BIDS WANTED

SACRAMENTO, Calif.—Until Feb. 1, 2 P. M., bids will be received by the U S. Army Engineers, Wright Bldg., Sacramento, under Spec. 1206 for removal of tone-down treatment and repainting city water tanks at Sacramento.

Specifications obtainable from the above office. * 7

January 21, 1946

BIDS POSTPONED

ELLENSBURG, Wash.—Until Jan. 31, 2 P. M. (postponed from Jan. 20) bids will be received by the Federal Works Agency, Public Bldgs. Administration, 838 U. S. Appraiser's Bldg., San Francisco, for new heating boiler and mechanical stoker in the U. S. Post Office at Ellensburg, Wash.

Plans and specifications obtainable from the above office of the district engineer. * * 7

January 21, 1946

BIDS WANTED

BERKELEY, Alameda Co., Calif.—Until Jan. 30, 2 P. M., bids will be received by the Federal Works Agcy., Public Bldgs. Administration, 838 U. S. Appraiser's Bldg., San Francisco, for new composition roofing at the U. S. post office at Berkeley.

Plans and specifications obtainable from the above office of the district engineer. * * 7

January 21, 1946

BIDS WANTED

ALAMEDA, Alameda Co., Calif.—Until Jan. 23, 2 P. M., bids will be received by the U. S. Engineer Office, Wright Bldg., Sacramento, under Spec. 2134-7 for the construction of two gatehouses at the Alameda AAF Intransit Depot.

Following contractors have taken out plans:

Whalin Bros., 2942 23rd Avenue, Oakland.

W. Vernon Bernard, 4022 Rusting Ave., Oakland.

Plans and specifications obtainable from the above office. * * 7

January 21, 1946

CONTRACT AWARDED

LOS ANGELES, Calif. — R. J. Daum, 6803 West Blvd., Inglewood, at approximately $170,000, has been awarded a contract for the construction of a two-story reinforced concrete semi-industrial building at Romaine St. and Highland Ave. for the C. E. Toberman Co., 6763 Hollywood Blvd., Hollywood. Construction will start upon issuance of building permit. 4

January 21, 1946

PLANNED

DENVER, Colo. — Abe Perlmutter Construction Co., 1611 Wazee St., Denver, Colo., will build a five-story, 126-unit fireproof apartment building on Grant St., between 12th and 13th Aves., Denver, Colo., for Manhattan Builders, Inc. Pinas were prepared by Architect Walter H .Simon, 2088 Dahlia St., Denver, Colo. Work will begin immediately. 1

January 21, 1946

CONTRACT AWARDED

LOS ANGELES, Calif. — J. & B. Construction Co., 5572 Valley Blvd., Los Angeles, has been awarded the general contract for the construction of a four-story light manufacturing building, 60x140 feet, at 1119 S. Los Angeles St., for Maier Bros. Other contracts awarded are: elevators to Otis Elevator Co., 300 E. 8th St., Los Angeles; sprinklers to Grinnell Co. of the Pacific, 520 Mateo St., Los Angeles; plumbing to Howe Bros., 1198 San Pedro St, Los Angeles; electric wiring to Newbery Electric Co., 1038 Venice Blvd., Los Angeles; cost, $175,000. Plans were prepared by Architect Saul A. Brown and Engineer W. D Treadway, 2412 W. 7th St, Los Angeles. 4

January 21, 1946

CONTRACT AWARDED

LOS ANGELES, Calif. — Davies, Keusder & Brown, 4915 Exposition Blvd., Los Angeles, at $24,670, were awarded contract by the Veterans' Administration, Washington 25, D. C., for furnishing all labor and material for construction of water treatment building No. 292, containing approximately 15,000 cu. ft., at the Veterans' Administration Hospital, Los Angeles. 7

9— HOSPITALS

January 21, 1946

PREPARING PLANS

KALISPELL, Mont. — Architect Fred A. Brinkman, Whipps Block, Kalispell, Mont., is preparing plans for the construction of a three-story reinforced concrete hospital addition for the Kalispell General Hospital, Kalispell, Mont.; 132x183 feet in area; estimated cost, $242,000. 9

13— PUBLIC BLDGS. FIRE HOUSES, JAILS

January 21, 1946

ARCHITECTS SELECTED

ALHAMBRA, Los Angeles Co., Cal.—Architects Quintin & Westberg, 308 S. Garfield Ave., Alhambra, Farrell & Rawlings, 731 N Margarita, Alhambra, and J. Earl Trudeau, 1 S 2nd St., Alhambra, awarded contract by the commission of the City of Alhambra, city hall, Alhambra, for architectural services for a proposed civic center in Alhambra for the city at a cost of $2,000,000.

The structures will include a city hall to contain offices, police station, courtrooms and communication rooms on S First St.; a memorial and community hall at 7th and Shorb Sts.; fire station at Main St. and Poplar Blvd., and an auditorium and city yards. 13

January 21, 1946

CONTRACT AWARDED

LOS ANGELES COUNTY, Calif.—H. J. Farrington, 1649 N. Lakewood, Rivera, at $118,500, was awarded contract by the Los Angeles County Board of Supervisors, 501 Hall of Records, Los Angeles, January 8, for the construction of facilities for housing juveniles at sheriff's training center, 1060 N. Eastern Ave., City Terrace; Contract No. 1, Spec. 774. 13

January 21, 1946

BIDS WANTED

OCEAN BEACH, San Diego Co., Calif.—Until February 5, 10 A. M., bids will be received by the City of San Diego Purchasing Department, San Diego, for construction of a one-story reinforced concrete community building for the city; estimated cost, $53,500. * 13

January 21, 1946

CONTRACT AWARDED

SAN FRANCISCO.—J. W. Bender Roofing & Paving Co., 1999 Bryant Street, at $970 awarded contract by the Department of Public Works, Room 282, City Hall, ofr reroofing Junior Museum, Ocean Ave. * * 13

14— RESIDENCES

January 21, 1946

PLANNED

VENICE DIST., Los Angeles Co., Cal.—J. Paul Campbell, 417 S. Hill St., Los Angeles, will build 52 four- and five-room frame and stucco dwellings on Stewart, McConnell, Will Rogers and McLean Aves., Venice District, for Homes at Wholesale Co., 417 S Hill St., Los Angeles. Composition shingle roofing, hardwood, pine and linoleum covered floors, interior plaster work, gas heating, gas water heaters, tile baths and showers; $825,000. 14

January 21, 1946

PLANNED

VENICE DISTRICT, Los Angeles Co., Calif.—J. Paul Campbell, 417 S. Hill St., Los Angeles, will build 35 4- and 5-room frame and stucco dwellings in the 8800 block Westlawn and the 8800 and 8900 blocks Stewart, for Homes at Wholesale, 417 S. Hill St., Los Angeles; $205,200 14

January 21, 1946

PREPARING PLANS

SAN DIEGO, Calif.—Engineer John C. Covert, 3004 Laurel St., San Diego, is preparing plans for a new subdivision for Lords - Brock - Levett - Dennstedt, owners. Street improvements will consist of clearing, grading, blacktop paving, concrete sidewalks and curbs, vitrified sewer pipe and cast iron and transite water pipe will be installed. Street lighting system is contemplated. Owners expect to let contract for work in about two months. 14

January 21, 1946

CONTRACT AWARDED

SEATTLE, Wash.—Strand & Sons, 3939 University Way, Seattle, Wash., at $322,240, awarded contract by the University of Washington, Seattle, for the transportation and installation of 55 housing units for married students and dormitories to accommodate 864 single student veterans at the university. Work involves grading of property, moving and installation of houses and construction of sidewalks. Houses will be completely furnished, heated by electric units and provided with electric ranges and refrigerators. Dormitories will be situated so steam will be utilized from the university's steam plant. 14

January 21, 1946

PLANNED

TEMPLE CITY, Los Angeles Co., Calif.—Thomas Real Estate Co., 2486 Huntington Dr., San Marino, will build a 200-unit private housing project at Live Oak and Ninth Sts., Temple City, for selves. The dwellings will contain two bedrooms each; frame and stucco construction, wood shingle roofs, gas dual floor furnace heating, hardwood and linoleum floors, wood sash, garages, asphaltic concrete drive; cost $7000 each. Plans are being prepared by the owner for streets and utilities. 14

15— SCHOOLS

January 21, 1946

LOW BIDDER

MONTEBELLO, Los Angeles Co., Cal.—P. A. Weeges, 4565 Santa Monica Blvd., Los Angeles, at $210,230 submitted low bid to the Montebello Unified School District, George M. Schurr, business manager, 1600 Whittier Blvd., Montebello, Jan. 15, for construction of six 1-story, wood frame school buildings at the Rosewood Park Elementary School at Eastland Ave. and Anaheim-Telegraph Road, Montebello. 15

January 21, 1946

BIDS OPENED

BELL GARDENS, Los Angeles Co. Cal.—P. A. Weeger, 4565 Santa Monica Blvd., Los Angeles, at $103,400 submitted low bid to the Montebello Unified School District, George M. Schurr, business manager, 1600 Whittier Blvd., Montegello, Jan. 15, for the construction of shower and locker buildings at the Bell Gardens School, Quinn and Jaboneria Ave., Bell Gardens.

Plans prepared by Architects Kistner, Curtis and Wright, Architects' Bldg., 816 W 5th St., Los Angeles.

Complete bids were:
P. A. Weeger, $103,400.
J. & B. Constr. Co., $115,797.
Gallinger Constr. Co., $119,738.
DeCamp-Hudson Co., $126,950.
Davies, Keusder & Brown, $122,350.
Baruch Corp., $132,698. 15

January 21, 1946

TO START WORK

SANTA MONICA, Los Angeles Co. Cal.—W. W. Petley, 354 21st Street, Santa Monica, will start work soon on the construction of additions to the Saint Monica high school on the southeast corner of 7th Street and Washington Blvd., Santa Monica for the Roman Catholic Archbishop. The work will consist of adding 10 classrooms, library, administrative offices and a gymnasium; reinforced concrete construction. Est. cost, $200,000.

Plans were prepared by Architect George Adams, 216 W Los Feliz Blvd., Glendale. 15

January 21, 1946

BIDS OPENED

CHULA VISTA, San Diego Co., Cal.—W. D. Haxton, 515 Broadway Bldg., San Diego, at (1) $97,809; (2) $33,756; (3) total, $131,565, submitted low bid to, and was awarded contract by the Chula Vista Union School District, "F" and 4th Sts., Chula Vista, for the construction of a 1-story frame and stucco school building at Chula Vista, for the district.

Plans were prepared by Architect E. Charles Parke and Engineer E. L. Freeland, 602 Spreckles Bldg., San Diego.

Total bids were:

W. D. Haxton, (1) $97,809; (2) $33,756; (3) $131,565.

H. H. Johnson, (1) $107,877; (2) $33,900; (3) $141,777.

Stanton-Reed Co., (1) $119,110; (2) $34,318; (3) $152,498.

Tovares Constr. Co., (1) $118,543; (2) $38,543; (3) $157,086.

O. L. Carpenter, (1) $118,837; (2) $37,442; (2) $156,279.

F. E. Young, (1) $118,920; (2) $33,800; (3) $152,720.

W. E. Kier Constr. Co, (1) $130,475; (2) $36,827; (3) $167,302. 15

January 21, 1946

ARCHITECTS SELECTED

NORWALK, Los Angeles Co., Cal. Architects Kistner, Curtis & Wright, Architects' Bldg., 816 W 5th Street, Los Angeles, have been authorized to prepare plans for the construction of a new school at Rosecrans and Norwalk Blvds., Norwalk, by the Norwalk School Dist., Reginald Benton, Supt., Walnut and Funston Sts., Norwalk. Issuance of bonds in the amount of $450,000 to finance construction was approved at an election December 6. 15

January 21, 1946

CONTRACT AWARDED
SCHOOL ADDITION
Contract Price, $81,568
SAN BRUNO, San Mateo Co., Calif.
Construction of one-story frame and stucco addition (six classrooms) to the Edgemont School.
Owner—San Bruno Elementary Sch. District.
Architects—Mastern & Hurd, 407 Sansonme St., San Francisco.
Contractor—Peter Sartorio, 262 Clementina St., San Francisco. * * 15

January 21, 1946

CONTRACT AWARDED

PORTLAND, Ore.—The Donald M. Drake Co., Lewis Bldg., Portland, Ore., awarded contract for construction of a three-story reinforced concrete and brick veneer science building in Portland for the board of trustess, Lewis & Clark College; 50x100 feet in area; cost, $135,000. Plans are being prepared by Architects Glenn Stanton and Hollis Johnston, Concord Building, Portland. Work will commence about February 1. 15

January 21, 1946

PREPARING PLANS

SAN DIEGO, Calif.—Architect Sam W. Hammill, 1123 Bank of America Bldg., San Diego, is preparing working plans for the construction of a new junior-senior high school at 49th and Imperial Aves., San Diego, for the San Diego Unified School District, San Diego; estimated cost, $283,500. Owners plans to advertise for bids in February. 15

January 21, 1946

PREPARING PLANS

LOS ANGELES, Calif.—Architects Barker & Ott, 624 S. La Brea Ave., Los Angeles, are starting working drawings for a two-story and part basement L-shaped girls' high school, 160x130 feet, to be built at Our Lady of the Angels Parish on Casteilar St., Los Angeles, for the Roman Catholic Archbishop. It will contain 22 classrooms and will accommodate 400 students. Provisions will also be made for a future auditorium and gymnasium. 15

16— BANKS, STORES AND OFFICES

January 21, 1946

CONTRACT AWARDED
REMODEL STORE BUILDING
SAN FRANCISCO. Grant Avenue at Maiden Lane.
Remodel store building to provide modern 3-story building (69x85 ft.) for women's apparel and containing 26,500 ft. of floor space divided into semi-enclosed shops; fluorescent and incandescent lighting.
Owner—Hale Bros., Marshal Hale, Jr., president, 5th and Market Sts.
Architect—William G. Merchant, 57 Post St.
Contractor—H. H. Larsen Co., 64 South Park. * 16

January 21, 1946

SUB-CONTRACTS AWARDED
STORE BUILDING Cost, $8,500
SACRAMENTO, Sacramento County, Calif. Southwest corner Seventh and P Sts.
Construction of store building.
Owner—James Anastasiow, Sacramento.
Architect—Frederick S. Harrison, Elks' Bldg., Sacramento.
Contractor—C. P. Edwards, 2965 Del Paso Blvd., North Sacramento.
Roofing—Ables Roofing Co.
Plumbing—A. W. Sweet, 112 N. Bassettlaw Ave., Sacramento.
Electric Wiring—Joe Baumgart, 3455 Montrose St., North Sacramento.
Sheet Metal, Brick and Stone Work, Grading, Foundations, Mill Work, Painting and Concrete—C. P. Edwards, 2965 Del Paso Blvd., North Sacramento.
Tile Work—H. P. Fisher, 376 17th St., Oakland.
Lumber—Fuller Lumber Co., 2925 R St., Sacramento.
Lathing and Plastering—J. Mulderrig, 222 21st St., Sacramento. 16

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Ward Buildings Stockton State Hospital	Stockton	1-29
Buildings and Utilities Spec. 17379, NOy 13211	Inyokern	2- 5

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Ward Bldgs., Stockton State Hosp., Stockton; Bids open Jan. 29, 2:00 P. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Danforth Building, Oakland; Bids open January 21.
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).
Shaul Constr. Co., 1630 Webster St., Oakland (GLencourt 7400).
California Bldrs. Co., Inc., 350 Hobart St., Oakland (TEmplebar 6780)
Elvin C. Stendell, 105 Gonzalez Drive, San Francisco (JUniper 4-6328).

Conversion Bldg., No. 401, S. F. Naval Shipyard, San Francisco; Bids open January 31, 11 A. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
A. Farnell Blair, 9 Main Street, San Francisco (YUkon 0390).
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).

Exterior Alterations, Southern Pacific Hospital, San Francisco; Bids open January 21, Noon.
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).
Rademann-Giusto, 40 Ringold Street, San Francisco (MArket 8151).

Two Bridges, San Joaquin County; Bids close January 23, 2 P. M.
Carl N Swenson Co., 355 Stockton Ave., San Jose 4 (BAllard 2602).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Laboratory Bldg., Moffett Field; Bids close January 30, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
Carl N. Swenson Co., 355 Stockton Ave., San Jose (BAllard 2602).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054).
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).

Warehouse, 8th and Ohio, Richmond; Bids open January 25, 10 A. M.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Erbentraut & Summers, 446 6th St., San Francisco (MArket 8310).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Biltwell Constr. Co., 4745 Geary Blvd., San Francisco (BAyview 5947)
C. L. Wold Constr. Co., Ltd., 4412-16 Fulton St., S. F. (SKyline 4362).
Elmer J. Freethy, 1432 Kearney St., El Cerrito (RIchmond 6875).

Nursery and Residence, Valencia St., S. F.; Bids open Jan. 24, 1 P. M.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).
Rademann-Giusto, 40 Ringold Street, San Francisco (MArket 8151).
Midstate Constr. Co., 1297 Bush St., San Francisco (ORdway 4638)
C. L. Wold Constr. Co., Ltd., 4412-16 Fulton St., S. F. (SKyline 4362).

Bldgs., Services, Reserve Fleet Berthing, Mare Island; NOy 13295; Spec. 17459; Bids open February 1, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Peter Kiewit Sons Co., 441 Post St., San Francisco (EXbrook 5736).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).

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447 ft. ½-in. copper nickel tubing	.06c	" "
5404 ft. 0.5 O.D. x .039 copper nickel tubing	.06c	" "
840 ft. 0.5 O.D. x .054 copper nickel tubing	.06c	" "
330 ft. ¾-in. brass tubing 1.05 x .065	.08c	" "
440 ft. 1-in. brass tubing 1.315 x .065	.10c	" "
1370 ft. 1-in. stainless steel tubing 1.310 x .061	.30c	" "
48 ft. 1-in. stainless steel tubing 1.315 x .120	.30c	" "
744 ft. 3/8-in. red brass tubing .675 x .065	.05c	" "
116 ft. 3/8-in. yellow brass tubing .675 x .065	.05c	" "
180 ft. ¼-in. 1 PS standard brass pipe	.05c	" "
504 ft. ⅛-in. 1 PS standard copper pipe	.05c	" "
2220 ft. .840 x .065 brass tubing	.09c	" "
85 ft. .840 x .065 soft copper tubing	.09c	" "
3065 ft. ½-in. brass tubing .540 x .065	.06c	" "
5505 ft. .500 x .039 copper tubing (hard)	.06c	" "
3060 ft. .500 x .039 copper tubing (soft)	.06c	" "
1960 ft. .540 x .065 seamless copper tubing	.06c	" "

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ADVANCE CONSTRUCTION REPORTS

January 21, 1946

PREPARING PLANS

TRONA, San Bernardino Co., Calif. —H. L. Gogerty Organization, architects and engineers, 3123 W. 8th St., Los Angeles, is starting working drawings for the construction of an addition to the administration building at Trona for the American Potash & Chemical Corp.; estimated cost $250,000. 16

January 21, 1946

CONTRACT AWARDED

SEATTLE, Wash.—The J. B. Warrick Construction Co., Securities Bldg., Seattle, Wash., awarded a contract for the construction of a three-story and basement reinforced concrete office building addition to the Labor Temple building at First and Clay Sts., for the Seattle Labor Temple; estimated cost, $225,000. Plans were prepared by Architects McLelland & Jones, Republic Bldg., Seattle, Wash. 16

January 21, 1946

BIDS WANTED

NORTH HOLLYWOOD, Los Angeles Co., Calif.—Manley & George Marks, 4844 Lankershim Blvd., North Hollywood, will take general contract bids in about 15 days for the construction of a frame and stucco store building, to contain 14 stores, at 5800 Lankershim Blvd., North Hollywood, for selves; 60x253 ft. in area, post and girder roof construction, composition roofing, wood sash, plate glass, tile bulkheads, concrete floor, stud and plaster interior partitions, plumbing, electric wiring, paved parking area; cost, $45,000.

Plans were prepared by Mackintosh and Mackintosh, engineers, 306 N. Vermont Ave., Los Angeles. 16

19—MISC. CONSTRUCTION

January 21, 1946

CONTRACT AWARDED

WINSLOW, Ariz.—The Vyne Bros. Electric Co., Prescott, Ariz., awarded a contract by the Arizona Light & Power Co., George Herrington, manager, Flagstaff, Ariz., for the construction (labor only) of 60 miles of 3-phase electric transmission line between Flagstaff and Winslow. The company has purchased and will furnish all materials. Estimated total cost, $200,000. Plans and specifications were prepared by the engineering department of the company. 19

January 21, 1946

PLANS REVISED

SAN DIEGO, San Diego Co., Calif. —Architects Johnson & Abrams, 14th floor, San Diego Trust & Savings Bldg., San Diego, have revised plans for the construction of an airport administration building at Lindbergh Field, San Diego, for the City of San Diego Harbor Department, Civic Center, Pacific Blvd., San Diego. The revision calls for approximately 55,000 sq. ft. of floor space at an estimated cost of $495,000 instead of 79,000 sq. ft. of floor space and $800,000. 19

January 21, 1946

CONTRACT AWARDED

ALTADENA, Los Angeles Co., Calif.—J. E. Haddock, Ltd., 3538 E. Foothill Blvd., Pasadena, awarded contract for the construction of an ddition to mausoleum at 2300 N. Marengo Ave., Altadena, for the Mountain View Mausoleum. It will be a one- and two-story structure, 350x40 feet in area, reinforced concrete walls, stone facing, stained glass windows, metal sash, terrazzo floors; cost, $250,000. Plans were prepared by Clarence L. Jay, architect, 2300 N. Marengo Ave., Altadena. 19

January 21, 1946

BIDS OPENED

SEATTLE, King Co., Wash.—Paul Jarvis, Inc., 3951 6th NW., Seattle, Wash., at $164,016, submitted the low bid to the Seattle Board of Public Works, 509 County-City Bldg., Seattle, Wash., January 10, for replacing a portion of the existing Cedar Falls wood stave penstock No. 5 with a 78-in. electrically welded steel penstock. The work includes 2541 ft. of 78-in. electrically welded steel penstock, 560 cu. yds. concrete and 11,500 lbs. of reinforcing steel to be used between Masonry Dam and Cedar Falls.

The bids submitted were:

Paul Jarvis, Inc., $164,016.

Morrison-Knudsen Co., Inc., $194,436.

M. P. Munter, $198,879.

Beal & Roberts, $212,049.

Puget Sound Machinery Depot, $218,484.

Rumsey & Co., $231,328.

General Construction Co., $240,070. 19

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20—MISC. SUPPLIES AND MATERIALS

January 21, 1946

BIDS OPENED

SACRAMENTO, Calif.—The following submitted bids to the State Purchasing Agent, Sacramento:

QUO. 30030, REQ. A111263:

For 75 tons ¾-in. to No. 4 broken stone and 100 tons 1½-in. to ¾-in., Route 195 near San Luis Rey Ranch headquarters.

Canyon Rock Co., $3.95 and $3.70.

H. G. Fenton Materials Co., $3.75 on both items.

Lawrence Canyon Materials Co., $2.50 on both items; discount 2 per cent 30 days; awarded.

QUO. 28654, REQ. N-76:

Berglund Tractor & Equipment Co., $1260 on Item 1; $148, Item 2; $111, Item 3; $257 Item 4; $169 Item 5; $94 Item 6; $1735 Item 7; total, $3774; discount 2 per cent 30 days.

George A. Lincoln, Rutherford, bidding on last item only, $2069.18. • 20

January 21, 1946

BIDS WANTED

FRESNO, Fresno Co., Calif.—Until Jan. 24, 10 A. M., bids will be received by the Commission of the City of Fresno, D. E. Roughton, city clerk, City Hall, Fresno, for furnishing 8107 ft. of 4-inch cast iron bell and spigot water pipe. Specifications on file in the office of the city clerk, City Hall, Fresno. 20

January 21, 1946

BIDS OPENED

DENVER, Colo. — The following bids were received January 18 under Invitation No. C-44,229-A by the Bureau of Reclamation, Denver, Colo., for 3000 bbls. modified portland cement:

Monolith Portland Cement Co., Monolith, Calif., (a) $2.05892, (b) $2.92.

Southwestern Portland Cement Co., Los Angeles, (a) $2.15, (b) $2.92.

Riverside Cement Co., Los Angeles, (a) $2.17634, (b) $2.92.

All bids quoted per bbl. f.o.b. cars shipping point; (b) f.o.b. cars Earp, Calif. • 20

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Parks and Playgrounds 34
Tunnels 35

21— BRIDGES

January 21, 1946

TO ASK BIDS

LONG BEACH, Los Angeles Co., Calif.—The City of Long Beach has had plans prepared, which have been presented to the U. S. District Engineer, 751 S. Figueroa St., Los Angeles, for approval, and a bid call is expected t obe issued within 60 days for the construction of a new bridge, 995 ft. long and 86 ft. wide, over Long Beach Blvd. to cost $1,000,000, and the Willow St. bridge, 617 ft. long and 86 ft. wide, to cost $450,000. The two bridges will have cloverleaf connection to cross highways, reinforced concrete construction, with six lanes for traffic and for a new levee height of 20 ft. above streambed on the Long Beach Blvd. bridge, and the Willow St. bridge will span a new channel width of 530 ft. Plans were prepared by Donald R. Warren, engineer, 500 S. Figueroa St., Los Angeles. 21

January 21, 1946

PREPARING PLANS

ORANGE COUNTY, Calif.—Engineer Donald R. Warren, 500 S. Figueroa St., Los Angeles, has been commissioned by the Board of Supervisors of Orange County to prepare plans and specifications for the construction of 11 bridges in Orange County at a total estimated cost of $200,000. The following bridges are includes:

One reinforced concrete bridge across the Santa Ana River at Adams St.; cost, $40,000.

One semi-suspension type steel span bridge across the Santa Ana River at Struck Ave., north of Chapman Ave., in the Orange district.

One reinforced concrete two-lane bridge across Santiago Creek at Cambridge St., Orange; cost, $15,000.

One reinforced concrete three-lane bridge across Santiago Creek at Santiago Ave.; cost, $25,000.

Five wooden bridges across Silverado Creek in Silverado Canyon.

One wooden bridge across Modjeska Creek in Modjeska Canyon.

One wooden bridge across Ladd Creek. 21

January 21, 1946

PREPARING PLANS

LONG BEACH, Los Angeles Co., Calif.—Donald R. Warren, 500 South Figueroa St., Los Angeles, has been commissioned by the City of Long Beach to prepare plans and specifications for the construction of the new Second Street Bridge over the marine stadium to connect with Highway 101 and the projected Westminster Road.

The bridge will be of reinforced concrete construction and will span 800 feet of the stadium width in a diagonal direction with a clearance of 30 feet above a 7-ft. high tide. It will have a divided traffic lane for three cars each way and will be 76 ft. wide from curb to curb with a 4-foot island between. Electroliers will be provided in the design. Est. cost, $800,000. 21

22— DREDGING, HARBOR WORKS, EXCAVATION

January 21, 1946

CONTRACT AWARDED

SEATTLE, Wash.—Grays Harbor Construction Co., 412 S. Park St., Aberdeen, at $177,320, awarded contract by the U. S. Engineer Office, Seattle, for dredging shoals in Wallapa river and harbor at Raymond and South Bend.

Other bids were:

Quigg Bros., Hoquiam, $177,320.

General Construction Co., Seattle, $228,800.

Puget Sound Bridge & Dredging Co., Seattle, $228,228. 22

23— CANALS

January 21, 1946

PLANS COMPLETED

GRASS VALLEY, Nevada Co., Calif.—Consulting Engineers Blackie & Wood, 544 Market St., San Francisco, have completed plans for the construction of the DS canal extension, located approximately five miles northeast of Grass Valley in Nevada County.

Bids will be asked the second week in February for excavation and clearing only. All structural work will be done under separate contract or by force account. • 23

January 21, 1946

PLANS COMPLETED

AUBURN, Placer Co., Calif.—Consulting Engineers Blackie & Wood, 544 Market St., San Francisco, have completed plans for the construction of a canal six miles northeast of Auburn; cost, $90,000.

Bids will not be asked until this fall, work being contingent upon the construction of Scotts Flat Dam, to be located five miles east of Nevada City on Deer Creek. Construction of this dam is planned some time during the month of May. • 23

25—MACHINERY AND EQUIPMENT

January 21, 1946

BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until January 29, 1 P. M., bids will be received by Oakland City Council, City Hall, for two automatic calculating machines.

Specifications obtainable from the above office. • • 25

January 21, 1946

BIDS WANTED

LAS CRUCES, N. M.—Until February 15 bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1153 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Las Cruces, N. M., at the option of the bidder, three (3) 500-kv.-a., 110,000 delta- to 2400/4160 Y-volt and 7200/12,470 Y-volt, single-phase, 60-cycle, oil-immersed, self-cooled, outdoor type transformers for installation at the White Sands substation, Rio Grande Project, New Mexico-Texas. The apparatus will be installed by the government. The specifications do not contain a provision for liquidated damages for delay. No charge for copies of the specifications to prospective bona fide bidders; to others, $0.75, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colo. • 25

January 21, 1946

BIDS OPENED

SOLANO COUNTY, Etc., Calif.—The following bids were opened Jan. 15 by the State Division of Highways, P. O. Harding, district engineer, 1200 N. Center St., Stockton, for rental of one or more extra-heavy pneumatic-tired diesel motor graders, tandem drive, equipped with mechanically controlled scarifier and 21-ft. blade. Caterpillar No. 12 or equal, for intermittent use in Solano and portions of Napa, Sacramento and San Joaquin counties:

Delta Constr. Co., Box 457, Rio Vista, one Caterpillar motor grader No. 12, $6 per hour; transporting to and from jobs, $60.

Eaton & Smith, 715 Ocean Avenue, San Francisco, motor grader, $7.75 per hour; transportation, $60.

Combs Bros., 2287 Washington Ave. San Leandro, motor grader, $6.50 per hour; transportation, $75. • • 25

January 21, 1946

BIDS WANTED

HUNTERS POINT, San Francisco. —Until Jan. 30, 11 A. M., bids will be received by the U. S. Navy, Bureau of Yards and Docks, Washington, D. C., for dismantling of a portal crane at the Naval Shipyard, Brooklyn, N. Y., and shipping, remodeling and erecting 25-ton portal crane for the Naval Shipyard, Hunters Point; Spec. No. 17287.

Specifications available at above office upon deposit of $10. • • 25

January 21, 1946

CONTRACT AWARDED

RICHMOND, Contra Costa Co., Cal. —Bechtel Bros.-McCone Co., 155 Sansome St., San Francisco, at $98,120 have been awarded contract for construction of loading racks in Richmond for the Standard Oil Co., 225 Bush St., San Francisco. • • 25

27— TREASURY DEPT.

January 21, 1946

BIDS OPENED

SAN FRANCISCO.—Roy A. Jones, 1896 Turk St., at $215, submitted low bid January 17 to the U. S. Treasury Department, 30 Van Ness Ave., San Francisco, under Inv. SF-2740-46 for installation of office partitions at 1540 Market St., San Francisco.

Other bidders were:

Rademann-Giusto Co., $255.

Charles E. Wait, $377. • 27

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29— STREETS AND HIGHWAYS

January 18, 1946

LOW BIDDERS

DAVIS DAM PROJECT, Arizona-Nevada.—Charles J. Dorfman, 124 N. La Brea, Los Angeles, at 214,251.35, submitted low bid January 17 to the U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Kingman, Ariz., under Spec. 1136 for construction of streets and highways, sidewalks, curbs and gutters, and drainage, sewerage and water distribution systems for Davis Government camp, Davis Dam Project, Arizona-Nevada. The work is situated about 30 miles west of Kingman, Ariz.

Second and third low bidders were: W. S. Ford, Kingman, Ariz., $218,275.71.

Vinson Construction Co., $235,791.27.

The principal items of work are as follows:

(1) 70,000 c.y. excav. for streets and highways;
(2) 2,900 c.y. excav. for ditches and culverts;
(3) 1,400 l.f. excav. and backfill of sewer pipe trenches, 4 ft. deep or less;
(4) 1,400 l.f. do, over 4 ft. deep and not more than 6 ft. deep;
(5) 1,650 l.f. do, over 6 ft. deep and not more than 8 ft. deep;
(6) 2,400 l.f. do, over 8 ft. deep and not more than 10 ft. deep;
(7) 2,200 l.f. do, over 10 ft. deep and not more than 12 ft. deep;
(8) 250 l.f. do, over 12 ft. deep and not more than 14 ft. deep;
(9) 150 l.f. do, over 14 ft. deep and not more than 16 ft. deep;
(10) 10 l.f. do, over 16 feet deep;
(11) 11,300 l.f. excav. and backfill of water-pipe trenches;
(12) 1,225 c.y. excav. for structures;
(13) 800 c.y. excav. for leaching field
(14) 1,200 c.y. backfill around struc.;
(15) 400 c.y. tamping backfill around structures;
(16) 40,000 c.y. compacting fills for streets and highways;
(17) 400 c.y. excav. in borrow pits;
(18) 25,000 sta. c.y. overhaul;
(19) 300 s.y. dry-rock paving;
(20) 25 c.y. dumped riprap;
(21) 300 M. gals. of watering base course;
(22) furnish and place 8,200 c.y. of gravel or crushed rock for base course of street and highway surfacing;
(23) furnish and apply 15,000 gals. of asph. material for prime coat;
(24) furnish and place 3,050 c.y. of gravel or crushed rock for surface course;
(25) furnish and apply 58,000 gals. of asph. material for surf. course;
(26) mix, finish and roll 49,000 s.y. of surface course;
(27) furnish and apply 8,500 gals. of asph. material for seal coat;
(28) furnish and apply 170 c.y. of coarse sand for seal coat;
(29) furnish and stockpile 50 c.y. of gravel or crushed rock for surface course;
(30) furnish and stockpile 10 c.y. of coarse sand for seal coat;
(31) furnish and lay 120 l.f. of 15-in. diameter concrete pipe;
(32) furnish and lay 236 l.f. of 18-in. diameter concrete pipe;
(33) furnish and lay 410 l.f. of 21-in. diameter concrete pipe;
(34) furnish and lay 130 l.f. of 24-in. diameter concrete pipe;
(35) furnish and lay 60 l.f. of 30-in. diameter concrete pipe;
(36) furnish and lay 190 l.f. of 36-in. diameter concrete pipe;
(37) constructing 9 structures of inlets or catch basins 6 ft. deep or less;
(38) constructing 7 addl. feet of inlets and catch basins, each additional foot over 6 ft. deep;
(39) furnish and lay 3,000 l.f. of 4-in. diameter clay sewer pipe and fittings for sewer lines;
(40) furnish and lay 1,780 l.f. of 6-in. diameter clay sewer pipe and fittings for sewer lines;
(41) furnish and lay 2,500 l.f. of 8-in. diameter clay sewer pipe and fittings for sewer lines;
(42) furnish and lay 1,600 l.f. 10-in. diameter clay sewer pipe and fittings for sewer lines;
(43) furnish and lay 20 l.f. of 10-in. diameter cast-iron soil pipe for sewer line;
(44) furnish and lay 1,050 l.f. of 4-in. diam. cast-iron A.W.W.A. pipe and fittings for sewer line;
(45) furnish and lay 36 l.f. of 8-inch diam. cast-iron A.W.W.A. pipe and fittings for sewer line;
(46) construct 19 sewer manholes 6 feet deep, or less;
(47) construct 70 addl. feet of sewer manholes, each addl. foot over 6 feet deep;
(48) connecting existing sewer line to manhole No. 5;
(49) furnish and lay 2,650 l.f. of 4-in. diam. clay sewer pipe for leaching field & backfilling trenches;
(50) furnish and lay 400 l.f. of 6-in. diam. clay sewer pipe for leaching field & backfilling trenches;
(51) constructing manhole "A" in leaching field;
(52) constructing septic tank;
(53) construct sewage pump house;
(54) installing 1,500 lbs. of sewage pumps;
(55) furnish and install 80 l.f. 4-in. diameter asbestos-cement water pipe and cast-iron fittings;
(56) furnish and install 4,650 l.f. 6-in. diameter asbestos-cement water pipe and cast-iron fittings;
(57) furnish and install 3,200 l.f. 8-in. diameter asbestos-cement water pipe and cast-iron fittings;
(58) furnish and lay 2,200 l.f. ¾-inch diameter lead or copper service piping;
(59) furnish and lay 550 l.f. of 1-inch diameter lead or copper service piping;
(60) furnish and lay 500 l.f. 1½-inch diameter lead or copper service piping;
(61) furnish and lay 150 l.f. of 2-inch diameter lead or copper service piping;
(62) furnish and install 80 ¾-inch lead or copper water - service connections;
(63) furnish and install eight 1-inch lead or copper water - service connections;
(64) furnish and install four 1½-in. lead or copper water - service connections;
(65) furnish and install four 2-inch lead or copper water - service connections;
(66) furnish and install 80 ¾-inch curb-stop and service-box assemblies;
(67) furnish and install eight 1-inch curb-stop and service-box assemblies;
(68) furnish and install four 1½-in. curb-stop and service-box assemblies;
(69) furnish and install four 2-inch curb-stop and service-box assemblies;
(70) furnish and install 18 units of fire hydrants and connections;
(71) furnish and install 14 street washers;
(72) furnish and install one 4-inch gate valve and valve box assembly;
(73) furnish and install 12 6-inch gate valve and valve box assemblies;
(74) furnish and install three 8-inch gate valve and valve box assemblies;
(75) erecting 65,000-gal. water tank;
(76) 1,200 l.f. concrete in combined gutters and curbs;
(77) 63,000 s.f. of concrete in sidewalks, gutters, and combined sidewalks and gutters;
(78) 20 c.y. concrete in culvert head walls;
(79) 75 c.y. concrete in water tank foundation;
(80) furnish and place 45,000 lbs. of reinf. bars.

Copies of the specifications may be obtained from the following offices of the Bureau of Reclamation: E. A. Moritz, Regional Director, Administration Bldg., Boulder City, Nevada; H. F. Bahmeier, Construction Engineer, Kingman, Ariz.; Walker R. Young, Chief Engineer, U. S. Customhouse, Denver 2, Colo., and H. W. Bashore, Commissioner, Bureau of Reclamation 25, D. C. No charge to prospective bidders; to others, $2.25, not returnable. • • 29

January 21, 1946

CONTRACT AWARDED

LASSEN COUNTY, Calif. — Utah Constr. Co., Inc., 1 Montgomery St., San Francisco, at $229,057.50 awarded contract by the State Division of Highways, G. T. McCoy, State Highway Engineer, Public Works Bldg., Sacramento, for about 7.5 miles of grading and surfacing with plant mix surfacing bet. 1.5 miles west of Bird Flat and Doyle, Lassen County. 29

January 21, 1946

CONTRACT AWARDED

FRESNO, Fresno Co., Calif.—Marshall S. Hanrahan, Box 429, Redwood City, at $337,722.85 awarded contract by the State Division of Highways, G. T. McCoy, State Highway Engineer, Public Works Bldg., Sacramento, for about 2.1 miles grading and paving with portland cement concrete between Calwa Overpass and Fresno, Fresno County. • • 29

January 21, 1946

CONTRACTS AWARDED

WASHINGTON STATE.—Clarence B. Shain, director of highways, Olympia, Wash., received bids and awarded contracts January 8 for the construction of the following projects:

(1) Grading, surfacing and constructing a light bituminous surface treatment on 5.373 miles of primary state highway No. 3, Chewelah to Blue Creek, in Stevens County; Federal Aid Project No. F-183 (4).

F. R. Hewett Co submitted the low bid and was awarded contract at $148,682.11.

(2) Grading, surfacing and constructing a light bituminous surface treatment on 6 miles of primary state highway No. 3, Addy to Arden, in Stevens County; Federal Aid Project No. F-183 (5).

F. R. Hewett Co. submitted the low bid and was awarded contract at $213,925.66.

(3) Grading, surfacing and constructing a reinforced concrete bridge, 251.47 ft. long, on 0.396 mile of primary state highway No. 5, Steffens Creek bridge and approaches, in the vicinity of Kosmos in Lewis County; Federal Aid Project No. F-134 (7).

Rumsey & Co. submitted the low bid and was awarded contract at $66,835.

(4) Grading and surfacing on 2.76 miles of primary state highway No. 12, K. M. Mountain Summit-East, in Wahkaikum County; Federal Aid Project No. F-208 (4).

Federal funds have been allotted Leonard & Slate Oregon, Ltd., submitted the low bid and was awarded contract at $229,991. 29

January 21, 1946

NO BIDS RECEIVED

SEASIDE, Monterey Co., Cal.—No bids were received January 15 by the State Division of Highways, L. H. Gibson, district engineer, 50 Higuera St., San Luis Obispo, for the relocation and reconstruction of improvements to clear right-of-way in Seaside. • 29

January 21, 1946

BIDS OPENED

VICTORVILLE, San Bernardino Co., Calif.—Eggleston & Root, P. O. Box 781, San Bernardino, at $2209, submitted low bid to the U. S. District Engineer Office, 751 S. Figueroa St., Los Angeles, for labor and materials for the treatment of road pavements at the Victorville Army Air Field, Victorville, Calif.; Serial No. 146. C. O. & W. J. Brand, Riverside, submitted the only other bid at $2765. 29

January 18, 1946

CONTRACT AWARDED

PHOENIX, Ariz. — Daley-Tullock Construction Co., 2400 S. 16th St., P. O. Box 1590, Phoenix, Ariz., at $4028.29 awarded contract by the City of Phoenix, City Hall, Phoenix, for the construction of improvements to portions of Oak Ave. from the northeast line of Grand Ave to 17.4 ft. north of the north line of the alley south of Culver St., Phoenix, Ariz.; Resolution of Intention No 8309. 29

January 18, 1946

CONTRACT AWARDED

PHOENIX, Ariz. — The Phoenix-Tempe Stone Co., P. O Box 1670, Phoenix, Ariz., at $17,054.75, awarded contract by the City of Phoenix, City Hall, Phoenix, Ariz., January 15, for the improvement of certain portion of the east ½ of 7th St., from 15.9 ft. south of the north line of Roosevelt St. to the east to 108.5 ft. south of the south line of McDowell Rd., Phoenix; Resolution of Intention No. 8310. 29

January 21, 1946

CONTRACT AWARDED

NEW MEXICO.—Miller & Smith, Albuquerque, N. M., at $46,266, was awarded contract by F. G. Healy, state highway engineer, Capitol Bldg., Santa Fe, N. M., for the construction of Federal Aid Project FAGH 96 (3), located in De Baca Canyon on U. S. Highway Route No. 60, between Fort Sumner and Taiban, approximately 0.568 mile in length. The work will consist of construction of a concrete and steel railroad underpass and approaches thereto. 29

January 21, 1946

CONTRACT AWARDED

SOLANO COUNTY, Calif.—Fredricksen Bros. Construction Co., 1259 65th St., Emeryville, at $1,035,012.36, awarded contract by the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about 6.1 miles grading and paving with portland cement concrete between Midway and two miles north of Dixon and constructing bridges across Sweeney Creek and McCune Creek, Solano County. • 29

January 21, 1946

CONTRACT AWARDED

SONOMA and MARIN COS., Cal— A. G. Raisch Co. and Harms Bros., 2048 Market St., San Francisco, at $1,555,096 awarded contract by the State Division of Highways, G. T. McCoy, State Highway Engineer, Public Works Bldg., Sacramento, for about 11.9 miles in length to be graded and paved with portland cement concrete and asphalt concrete on crusher run base, and bridges to be constructed across San Antonio and Novato Creeks, between one mile south of Petaluma and Ignacio Wye in Sonoma and Marin Counties. • • 29

January 21, 1946

BIDS WANTED

SAN FRANCISCO.—Until Feb. 6, 2:30 P. M., bids will be received by the Department of Public Wors, Rm. 282, City Hall, for improvement of Pine Street between Kearny and Stockton Streets.

Plans and specifications obtainable from the office of City Engineer Ralph Wadsworth, City Hall. 29

30—RESERVOIRS & DAMS

January 21, 1946

ADDENDUM ISSUED

DAVIS DAM PROJECT, Arizona-Nevada.—Addendum to Specification 1138 for "power circuit breaker, disconnecting switches, metering equipment and lightning arresters for Davis Dam construction substation, Davis Dam Project, Arizona-Nevada," for which bids will be received at the office of the Bureau of Reclamation, Denver, Colo., until 2 P. M., January 22, 1946, has been issued as follows:

(a) In paragraph 51, page 15, the sentence beginning at the end of the third line, "The current transformer bushings shall be equipped with by-pass devices for protecting the windings against high-voltage surges," is deleted.

(b) In paragraph 52, page 16, second line, the phrase "and provided with drain and filler plugs" is deleted.

(c) In paragraph 52, third and fourth lines, the phrase "a clamp-type terminal for grounding the case, and with" is deleted.

(d) In paragraph 52, seventh and eighth lines, the phrase "and the current transformers shall be equipped with suitable devices for short-circuiting the secondary windings" is deleted.

(e) In paragraph 54, page 16, the test required by subparagraph (c) is eliminated. • 30

January 21, 1946

BIDS WANTED

RITZVILLE, Wash.—Until Feb. 19, 8 P. M., bids will be received by the City of Ritzville, office of the city clerk, for the construction of a reinforced concrete reservoir, 1,000,000-gallon capacity, and a connecting pipeline at Ritzville, Wash. Plans and specifications were prepared by De Witt C. Griffin & Associates, engineers, Henry Bldg., Portland, Ore., and are available from the latter office upon deposit of $25. 30

January 21, 1946

PLANS COMPLETED

NEVADA CITY, Nevada Co., Calif. —Consulting Engineers Blackie & Wood, 544 Market St., San Francisco, have completed plans for the construction of the Scotts Flat Dam, five miles east of Nevada City on Deer Creek; cost, $300,000.

Bids will not be asked until some time during the month of May, due to prevailing weather conditions. • 30

31—PIPE LINES & WELLS

January 21, 1946

LOW BIDDERS

PORTLAND, Ore.—O. L. Soule, Elma, Wash., at (a) rail shipment $125,572, (b) water shipment $120,634, submitted the low bid to and was recommended for award of contract by the Powell Valley Roads Water District, office of the engineer, 822 Spalding Bldg., Portland, Ore., for the installation of approximately 55,100 ft. of cast iron pipe, 2- to 12-in. diameter, and 900 ft. of ¾-in. copper tubing.

The three low bids submitted were:

O. L. Soule (a) $125,572, (b) $120,634.

P. S. Lord & Co., Portland, (a) $128,966, (b) $121,897.

Ford & Walters, Seattle, (a) $135,830, (b) $127,813. 31

32— SEWERS & SEWAGE DISPOSAL PLANTS

January 21, 1946

BIDS WANTED

SAN FRANCISCO.—As previously reported, until Feb. 8, 11:30 A. M., bids will be received by the Department of Public Works, Room 282, City Hall, for the construction of Scott St. sewer system, Sections BC and AD, on 17th, Church, 14th, Sanchez and Steiner Streets, between Treat Ave. and Waller Street.

Plans and specifications may be obtained from the office of City Engineer Ralph Wadsworth, City Hall, upon deposit of $10.00.

Quantities will be given tomorrow. 32

January 21, 1946

TO PREPARE SURVEY

BURBANK, Los Angeles Co., Calif. —The City Council of the City of Burbank has authorized City Engineer Harmon Bennett to proceed with a survey to determine the feasibility of the construction of flood control protection in the Griffith Park area, Glendale. Tentative plans call for additional north-south storm drains. Estimated cost, $3,000,000. 32

(Continued on Page Four)

7.1 MILES GRADING AND SURFACING, TEHAMA COUNTY

TEHAMA COUNTY, Calif. — Oilfields Trucking Co. and Phoenix Constr. Co., Box 751, Bakersfield, at $508,837.32 submitted low bid January 16 to State Division of High-Engineer, Public Works Bldg., Sacramento, for about 7.1 miles in length to be graded and surfaced with plant mix surfacing on cement treated base, between six miles north of Red Bluff and Shasta County line in Tehama County.

Work involves:

(1) 340 c.y. remove concrete;
(2) 54 acres clear and grubb;
(3) 35,000 sq. yds. compact original ground;
(4) 436,000 c.y. rdwy. excav.;
(5) 204,000 tons imported borrow;
(6) 4,900 c.y. struct. excav.;
(7) 2,300 c.y. ditch and channel excavation;
(8) 2,100,000 sta. yds. overhaul;
(9) develop water supply and furnish water equip.;
(10) 15,000 M. gals. apply water;
(11) 395 sta. finish rdwy.;
(12) 34,000 tons min. agg. cement treated base;
(13) 12,600 bbls. of portland cement treated base;
(14) 95 tons asph. emulsion curing seal;
(15) 30 tons liq. asph. MC-2 prime coat;
(16) 1,100 tons pave. asph. plant mix surfacing;
(17) 17,000 tons min. agg. plant mix surf. base course;
(18) 6,200 tons min. agg. plant mix surf., surface course;
(19) 125 tons liq. asph. RORC-5, seal coat;
(20) 825 tons screenings, seal coat;
(21) 650 c.y. Class A portland cement concrete structures;
(22) 140 c.y. Class B portland cement conc. curbs and gutters;
(23) 50 each monuments;
(24) 393 each culvert markers and guide posts;
(25) 7.2 miles new property fence;
(26) 8 each drive gates;
(27) 1 mile remove and salvage existing fence;
(28) 0.864 mile remove and reconstruct existing property fences;
(29) 192 l.f. 12-in. reinf. conc. pipe;
(30) 2,634 l.f. 18-inch do;
(31) 789 l.f. 24-inch do;
(32) 516 l.f. 36-inch do;
(33) 56 l.f. 48-inch do;
(34) 444 l.f. 36-in. reinf. conc. pipe siphon;
(35) 808 l.f. 18-in. CMP, 16 gauge;
(36) 28 each spillway assemblies;
(37) 84 l.f. salvage existing pipe culverts;
(38) 66,000 lbs. bar reinf. steel;
(39) 27 each precast concrete ditch gates;
(40) 3 each 36-in. concrete manhole units;
(41) 3 each manhole frames and covers;
(42) 12 each ruby reflectors.

Total bids were:

(A) Oilfields Trucking Co. and Phoenix Constr. Co., Bakersfield, $508,837.32.
(B) Larsen Bros., Sacramento, $536,138.50.
(C) E. B. Bishop, Orland, $543,993.80.
(D) A. Teichert & Son, $546,306.
(E) R. A. Westbrook, Sacramento, $556,277.30.
(F) Parish Bros., Benicia, $558,692.55.
(G) E. W. Elliott Constr. Co., S. F., $587,691.75.
(H) Guy F. Atkinson Co., San Francisco, $590,996.05.
(I) Fredericksen & Watson Constr. Co., Oakland, $629,007.75.
(J) Roades Bros. and Shofner, Los Angeles, $688,369.20.
(K) Utah Constr. Co., San Francisco, $700,044.
(L) Guerin Bros., South San Francisco, $710,962.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	$1.00	$3.00	$3.00	$4.00	$1.00	$2.75	$3.60	$3.50	$3.50	$11.00	$5.00	$4.00
(2)	100.00	200.00	250.00	150.00	275.00	225.00	100.00	350.00	275.00	190.00	275.00	200.00
(3)	.08	.05	.03	.05	.05	.05	.04	.05	.04	.07	.05	.07
(4)	.19	.20	.225	.26	.25	.25	.32	.345	.27	.33	.30	.32
(5)	.45	.50	.38	.48	.48	.64	.55	.47	.73	.80	.73	.70
(6)	2.00	2.50	3.20	2.50	2.00	1.75	1.50	1.60	2.00	2.40	2.50	2.00
(7)	.50	1.00	1.20	1.60	2.00	.85	1.00	2.50	1.15	1.00	.75	1.00
(8)	.005	.005	.005	.004	.005	.005	.004	.007	.005	.003	.005	.01
(9)	6000.00	8000.00	15000.00	2000.00	8000.00	3500.00	1500.00	5000.00	2750.00	12000.00	9000.00	2000.00
(10)	2.10	2.00	1.20	1.50	1.75	1.50	1.30	1.50	1.77	1.50	1.85	2.00
(11)	5.00	10.00	10.00	10.00	5.00	8.00	12.00	10.00	9.50	10.00	12.00	12.00
(12)	2.00	2.00	2.30	2.20	1.90	1.71	2.65	2.10	2.38	2.60	3.00	3.50
(13)	3.25	2.50	2.80	2.50	2.35	2.90	2.75	2.40	2.90	2.93	3.10	3.00
(14)	30.00	40.00	35.00	41.00	50.00	38.00	26.00	35.00	38.00	35.00	30.00	25.00
(15)	19.00	25.00	35.00	32.00	20.00	25.00	22.00	24.00	28.00	28.00	25.00	25.00
(16)	15.00	19.50	18.50	20.00	20.00	18.50	18.00	20.00	20.00	22.00	22.00	17.50
(17)	2.25	2.92	2.89	2.30	2.85	2.70	2.85	2.40	2.78	3.00	3.70	3.50
(18)	3.00	2.92	2.89	3.00	3.20	2.85	3.50	3.20	3.35	3.50	4.25	3.90
(19)	19.00	28.00	30.00	30.00	20.00	26.00	25.00	25.00	25.00	30.00	25.00	25.00
(20)	3.00	5.25	3.50	5.40	5.00	4.00	3.00	4.70	5.00	4.50	5.00	4.00
(21)	42.50	45.00	45.00	42.00	45.00	38.00	32.00	43.00	47.00	44.00	40.00	40.00
(22)	39.00	30.00	30.00	30.00	45.00	29.00	30.00	37.00	35.00	30.00	30.00	45.00
(23)	4.00	5.00	3.00	4.50	5.00	4.00	4.00	4.00	4.00	5.00	5.00	5.00
(24)	4.00	3.50	3.00	4.00	3.50	4.00	4.00	5.00	3.50	4.00	5.00	5.00
(25)	1320.00	1000.00	1300.00	1200.00	1150.00	1100.00	1000.00	800.00	980.00	900.00	1200.00	1500.00
(26)	25.00	35.00	60.00	42.00	30.00	35.00	30.00	25.00	55.00	100.00	35.00	75.00
(27)	528.00	200.00	250.00	540.00	300.00	225.00	600.00	250.00	265.00	500.00	700.00	700.00
(28)	630.00	1000.00	1200.00	1000.00	1000.00	950.00	1000.00	1000.00	975.00	1000.00	1500.00	1500.00
(29)	2.00	1.75	3.00	2.00	2.00	1.75	1.75	1.75	1.80	2.70	2.00	2.00
(30)	3.00	2.50	3.50	3.00	3.00	2.55	2.50	2.70	2.60	3.45	3.00	3.00
(31)	4.00	.75	4.50	4.00	4.00	3.85	3.75	3.75	3.65	5.00	4.00	4.00
(32)	7.00	5.50	8.00	7.50	7.00	6.70	6.50	7.00	6.60	7.50	6.50	7.00
(33)	10.00	11.00	13.00	12.00	11.00	11.40	11.00	11.00	10.50	13.00	11.00	12.00
(34)	8.00	4.00	9.00	9.00	9.00	7.15	8.50	8.50	7.50	7.85	8.00	8.00
(35)	1.50	1.25	2.00	1.00	1.10	1.15	1.25	1.25	1.10	1.50	1.50	1.50
(36)	30.00	25.00	15.00	41.00	25.00	25.00	17.50	28.00	30.00	25.00	25.00	25.00
(37)	2.00	1.00	1.00	1.00	2.00	1.00	2.00	.75	1.15	1.50	3.00	1.50
(38)	.10	.06	.06	.06	.07	.062	.07	.06	.064	.07	.08	.06
(39)	8.00	15.00	10.00	27.00	15.00	12.00	20.00	25.00	10.50	20.00	12.00	35.00
(40)	45.00	50.00	100.00	54.00	75.00	85.00	100.00	75.00	70.00	100.00	150.00	200.00
(41)	48.00	75.00	70.00	48.00	75.00	65.00	80.00	90.00	43.00	35.00	50.00	50.00
(42)	4.00	2.50	5.00	2.00	5.00	2.50	5.00	2.00	3.50	5.00	3.00	2.50

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS

Building Permits, $1,000 and Over, Applied For

SAN FRANCISCO COUNTY

ALTER STORES
SW GRANT AVE and Maiden Lane.
Owner—Hales Bros Stores, Inc, 5th and Market Streets.
Contractor—H H Larsen Co, 64 So Park.
Architect—Wm G Merchant, 57 Post Street. $85,000
(App No 85393).

DWELLINGS, two 1-story frame
E 22nd AVE 40, 681 N Santiago St.
Owner and Builder—G E Carlson Co, 1601 34th Avenue.
Architect—Not Given. $5,600 each
(App Nos 85389-90).

ALTER STORE AND FLAT
1411 STOCKTON STREET.
Owner and Contractor— M C Nathan, 1411 Stockton St.
Architect—Wm Mooser, 251 Kearny Street. $4,000
(App No 85388).

ALTER TWO FLATS
340 LOMBARD STREET.
Owner—Vernon Smith - Willot, 2126 Pierce Street.
Contractor—Owner.
Architect—Clifford Conly, Jr, 10 Nottingham Place. $3,500
(App No 85381).

ALTER RECORDING STUDIOS
421 POWELL STREET.
Owner—The Sound Recorders, 421 Powell Street.
Contractor—J L Stuart Mfg Co, 37 Front Street.
Architect—Not Given. $3,000
(App No 85387).

ALTER FLATS
385 MONTEREY BLVD.
Owner—Stanley Borroughs, prem.
Contractor—Gilvert Plov, 395 Monterey Blvd.
Architect—Not Given. $1,800
(App No 85387).

ALTER THEATER
1226 FILLMORE STREET.
Owner—Nasser Bros, Golden Gate Theater Bldg.
Contractor—Salih Bros, 988 Market.
Architect—Not Given. $1,500
(App No 85394).

Building Permits, $1,000 and Under, Applied For

SAN FRANCISCO COUNTY

ALTER residence $860; 369 14th Ave; owner, Dr I Lasky, prem; contractor, S Steinauer, 369 14th Ave.

ALTER dwelling, $800; 2439 25th Ave; owner, Gus Georgiadis, prem.

ALTER dwelling, $600; 4300-04 19th St; owner, Mrs H Nelson, prem.

ALTER residence, $500; 125 Rhine; owner, C J Baux, premises.

SIGN, electric, $350; 3460 Mission; owner, Baker & Steder, premises; contractor, QRS Neon Co, 690 Potrero Ave.

ALTER offices, $350; 64 South Park; owner and contractor, H H Larsen Co, 64 South Park.

ALTER dwelling, $300; 2213 Broderick St; owner, Mrs J W Dalton, premises.

ALTER hat shop, $250; 310 Jessie; owner, Quality Hats, prem; contractor, Apex Elec Co, 363 Fell St.

ALTER liquor store, $250; 500 Gough St; owner, Johnny's, prem; contractor, Apex Elec Co, 363 Fell St.

ALTER printing shop, $250; 629 Gough St; owner, Sierra Press, 629 Gough St; contractor, Apex Elec Co, 363 Fell St.

Building Permits, $1,000 and Over, Applied For

ALAMEDA COUNTY

1-STORY 5-ROOM DWELLINGS (3)
255-301-340 BERGEDO DR., OAKLAND.
Owner—McGah & O'Shea, 631 Bergedo Dr.
Builder—Ray Towers, 631 Bergedo.
Architect—Not Given. $4,000 each

1-STORY 5-ROOM DWELLINGS (2)
10945-10950 REPOSO DR., OAKLAND
Owner—McGah & O'Shea, 631 Bergedo Dr.
Builder—Ray Towers, 631 Bergedo.
Architect—Not Given. $4,000 each

1-STORY 5-ROOM DWELLINGS (4)
336-344-400-401 CATRON DR., OAKLAND.
Owner—McGah & O'Shea, 631 Bergedo Dr.
Builder—Ray Towers, 631 Bergedo.
Architect—Not Given. $4,000 each

1-STORY 5-ROOM DWELLING (3)
307-315-319 BERGEDO DR., OAKLAND.
Owner—McGah & O'Shea, 631 Bergedo Dr.
Builder—Ray Towers, 631 Bergedo.
Architect—Not Given. $4,000 each

1-STORY MACHINE SHOP
768 106TH AVE., OAKLAND.
Owner—Alamasi & Gilbertic, 640 98th Ave.
Builder—James A. Ganley, 855 Midway Ave., San Leandro.
Architect—Not Given. $2,700

ALTERATIONS
737 E. 12TH ST., OAKLAND.
Owner—Dallas Schirmes, premises.
Builder, E .V. Linstad, 1234 54th Ave.
Architect—Not Given. $1,000

PERMITS UNDER $1,000

ALAMEDA COUNTY

OAKLAND

ALTER and Addn, $700; 3810 West St; owner, Mrs C Wayner, prem; contractor, Al Rouce, 1405 Princeton Street.

ALTER, $500; 4811 Bond St; owner, Jos Faroga, premises; contractor, Acme House Moving Co, 1629 Telegraph Ave.

ADDITION, $500; 7821 Holly Street; owner and builder, John M McSweeney, premises.

ADDITION, $500; 7826 Hillside; owner, Gino Gino, prem; contractor, P P Olson, 2669 77th Ave.

SIGN, electric, $220; 2097 Broadway; owner, Paul Burnett, prem; contractor, Spott Elec Co, 576 22nd St.

GARAGES, five, 1-story, $200 each; 10945-10950 Reposo Dr; 255-301-340 Bergedo Dr; owner, McGah & O'Shea, 631 Bergedo Dr; contractor, Ray Towers, 631 Bergedo Drive.

SIGN, electric, $150; 160 Grand Ave; owner, CIO Headquarters, prem; contractor, Spott Elec Co, 576 22nd.

SIGN, electric, $130; 8017 MacArthur Blvd; owner, J R Morris, prem; contractor, Spott Elec Co, 576 22nd.

ALTERATIONS, $100; 2911 Linden; owner and contractor, Eutah and Henry Flenaugh, premises.

ALTERATIONS, $100; 1657 7th St; owner and contractor, Leona Faison, 1657 7th St.

ALTERATIONS, $100; 208 Franklin St; owner and contractor, W A Rouse & Co, 208 Franklin St.

SIGN, electric, $75; 1724 7th Street; owner, Dewey Villa, prem; contractor, Spott Elec Co, 576 22nd St.

REPAIRS, $75; 3435 Simmons St; owner and contractor, W T Dilley, 3435 Simmons St.

SHED, $50; 1816 Rosedale Avenue; owner and builder, Leo Dunkel, 1816 Rosedale Ave.

SIGN, electric, $50; 1206 Franklin St; owner, Harry Banks, premises; contractor, Spott Elec Co, 576 22nd.

BILLBOARDS, three, $50 each; SE Cor Foothill and 45th Ave; N 7th St 75 W Jackson; owner and contractor, Foster & Kleiser Co, 22nd and Market Sts.

BILLBOARD, $50; NE Cor Cypress and 17th Sts; owner and contractor, Special Site Sign Co, 3225 Louise St.

BILLBOARD, $25; N MacArthur 35 E Maybelle; owner and contractor, Foster & Kleiser Co, 22nd and Market Streets.

BILLBOARDS, three, $25 each; SW Cor 22nd and Filbert Sts; E Telegraph Ave 200 W 56th St; N MacArthur Blvd 112 E 100th Ave; owner and contractor, Special Site Sign Co, 3225 Louise St.

BILLBOARD, $5; W Fruitvale Ave 99.85 S San Leandro; owner and contractor, Foster & Kleiser Co, 22nd and Market Sts

PALO ALTO

PUBLIC GARAGE (type 3), $35,000; 221 Alma St; owners, E Knapp and J P & K Demeter, 447 Alma St; builder, W P Goodenough; engineers, Thomas & Whipple, 310 University Ave.

RESIDENCE AND GARAGE, $15,700; 275 Southampton; owner, John Dodds, 450 El Escarpado, Stanford; builder, Wells Goodenough.

RESIDENCE AND GARAGE, $15,000; 542 California Ave; owner, Ralph Steele, 180 University Ave; builder, Schmaling & Stenbit, 924 Emerson St; plans by M Stedman, 180 University Ave.

RESIDENCE AND GARAGE, $11,775; 2350 Byron St; owners, J H and M Stedman, 2280 Byron St; builder, Stedman & Stedman.

RESIDENCE AND GARAGE, $9000; 715 Bowdoin St; owner, Clark Ellsworth, 826 College Ave.

RESIDENCE AND GARAGE, $7850; 665 Dartmouth Ave; owner, W S and Delia Proctor; builder, W P Goodenough.

RESIDENCE AND GARAGE, $7850; 665 Dartmouth Ave; owners, W S and Delia Proctor, 352 Middlefield Rd; builder, W P Goodenough, 49 Wells Ave.

RESIDENCE AND GARAGE, $7825; 320 Fernando Ave; owners, T M and Violet Goodard, 1211 College Ave; builder, Frank Armstrong, 734 Bryant St.

ALTER RESIDENCE, $1000; 865 Hamilton Ave; owner and builder, Eugenia M Frost, prem.

GARAGE, $600; 603 Lytton Ave; owner and builder, Ada R Anderson, premises.

FRESNO

STORAGE BUILDING, $800; 140 Callisck; builder, Wilkerson & Nutwell.

ALTER AND ADD, $160; 2104 Palm; owner, Colvin A Lambert; builder, Ten & Paul.

DEMOLISH BARN, $50; 3026 White; owner, W B Cope.

ALTER STORE, $5000; 1109 Fulton; owner and builder, Baldwin Jewelers.

DWELLING, $5000; 1013 Irwin; owner, Vernon J La Forte; builder, La Forte Holding Corp.

ALTER STORE, $4000; 1225 Fulton; owner and builder, Cooper's Department Store.

DWELLING, $3000; 1005 Irwin; owner, Vernon J La Forte; builder, La Forte Holding Corp.

ALTER DWELLING and GARAGE, $1000; 131 Eden; owner Peter Topopolo.

ALTER OFFICE, $1000; 2014 Tulare; owner and builder, Dr Bryson.

ALTER STORE, $1000; 939 F St; owner and builder, Allan C Mar.

ADD TO STORE, $15,000; 1940 H St; owner, Peter Schwabenland.

REPAIR and ALTER WAREHOUSE $12,000; 2250 Los Angeles; owner, W P Fuller Co; builder, Fisher & McNulty.

DWELLING AND GARAGE, $5500; 1402 Princeton; owner, Carol Lara.

Building Permits, $500.00 and Over, Issued by the Board of Public Works SAN FRANCISCO COUNTY

JANUARY 18, 1946

W San Bruno Ave 50 N Hale; alter retail sales bldg; cost, $2,500; owner, Paul Spagne.

356 Justin; alter dwelling; cost, $1000; owner, F E Airers.

SW Mendell St. 70 NE Palou Ave; alter print shop; cost, $4500; owner, Joseph Flores.

SE Cor. Bush St and Grant Ave; alter store; cost, $1900; owner, United Cigar Co.

1814-16 Bush St; alter dwelling; cost, $800; owner, Annie Martin.

963 Fillmore St; alter market; cost $1000; owner, Wm Gong.

3063 Fillmore St; alter studio; cost $2500; owner, Wayne Peters.

3901 Mission St; alter store; cost, $700; owner, Mission Pride Market.

475-7 Broadway; alter flat; cost, $2000; owner, Peter Sala.

W 24th Ave and Rivera; one-sty frame bldg; cost, $7500; owner, Eric Brink.

SE Cor Lombard E Scott; Class C bldg; cost, $10,000; owner, Tide Water Assoc Oil Co.

SW 40th Ave and Taraval; one-story frame bldg; cost, $25,000; owner, G A Drouger.

221 Hale; one-story frame bldg; cost, $5500; owner, Joe Caruso.

W Prentiss 50, 75 S Ogden; two 1-story frame dwellings; cost, $4500 each; owner, Bergstrom & Larvick.

SE Cor 31st Ave and Pacheco; E 31st Ave 25, 50, 75, 100 S Pacheco; five 1-story frame dwellings; cost, $5650 each; owner, C T Lindsay Co.

N Surrey St 69, 94 E Diamond; two 1-story frame dwellings; cost, $4500 each; owner, S J Olafsson.

W Victoria 79, 104 S Randolph; N Sagamore 255, 280, 305 W Capitol; five 1-story frame dwellings; cost, $6500 each; owner, A Nelson.

N Tennessee; Class C addition; cost, $30,000; owner, Sterling Furniture Co.

Furnace Permits

OAKLAND

2710 67th Ave; owner, Robert D Conway; dealer, ...; floor furnace.

2330 87th Ave; owner and dealer, Meyer; floor furnace.

953 45th St; owner, Hanson; dealer, A E Hess; floor furnace.

752 13th St; owner, Rhullman; dealer, A E Hess; floor furnace.

3323 Arkansas; owner, Sala; dealer, A E Hess; floor furnace.

BUILDING CONTRACTS

ALAMEDA COUNTY

DEMOLITION and Excavation Work NW COR 12th and Franklin Streets, Oakland.
Owner—The Tribune Publishing Co.
Architect—Edw. T. Foulkes, 357 12th St, Oakland.
Contractor—Emsco of San Francisco, 1020 Harrison St, San Francisco.
Filed, Jan 16, 1946. Dated, ...
Monthly payments of..................90%
Usual 35 days after comp..........10%
TOTAL COST, $17,675.00
Bond, $17,675. Sureties, Royal Indemnity Co. Limit, 90 working days. Plans and specifications filed.

Completion Notices

SAN FRANCISCO COUNTY

Recorded Accepted
Recorded Accepted

Jan 15, 1946—W HEAD 100, 125, 150 175, 200 W Sargent. Walter E and Max Hansen, Inc to whom it may concern........January 15, 1946

Jan 16, 1946—W 44th AVE 100 S Ulloa St. R F and Bernardine W Galli to whom it may concern..........................January 16, 1946

ALAMEDA COUNTY

Recorded Accepted

Jan 18, 1946—3328-30-32 FOOTHILL Blvd, Oakland. Manuel G Frangos to whom it may concern ....January 17, 1946

Jan 18, 1946—LOT 40 Blk 2, map No 7, Regents Park, Albany. Robert G Burnett to whom it may concern..............January 12, 1946

Jan 17, 1946—1314 E 14th ST ,San Leandro. Capital Co to Aladdin Heating Corp..........January 11, 1946

Jan 17, 1946—1603 POWELL Street, Emeryville. Valley Express Co to John F Tulloch..........Dec 28, 1945

Jan 17, 1946—LOTS 16, 17, 18, 19, 20 and 21 Blk 2, Tract 697, Eden Twp. Greenwood Corp to D D Bohannon Organization ....January 14, 1946

Jan 17, 1946—4715 DAVENPORT St, Oakland. Wiggins & Marsh to whom it may concern................ ....January 16, 1946

SANTA CLARA COUNTY

Jan. 14, 1946—NW Emory NE 120 ft NE Spring St on Emory, NE 50 ft x 125 ft, known as B 85 Emory, San Jose. William J and Lucille F Sullivan to Lewis E Smith.......... ....Jan. 8, 1946

Jan. 14, 1946—SW Elm St NW 125 ft NW Polhemus St on Elm NW 50 x 125 ft, known as 1717 Elm St, San Jose. Louis Faler, one of the owners, to Lewis E Smith ....Jan 9, 1946

Jan. 14, 1946—Box 488, Route 1, Los Altos, Calif. Elmer P Maass to whom it may concern....Jan. 11, 1946

Jan. 15, 1946—Lot 25, Garden Subdivision, known as 680 Willis Ave, San Jose. Joseph Farina to V R Caminetti..........................Jan. 14, 1946

Jan. 15, 1946—Lot B, Block 2, Interurban Park Tract, known as 135½ Brooklyn Ave, San Jose. Edward S and Anne Baker to whom it may concern.

Liens Filed

SANTA CLARA COUNTY

Jan. 14, 1946—Lot 32, Tract No. 64, Map of Trace Park. Humphrey & Huber vs Clyde B and Ida L Dick $1142.00

Electrical Permits

SAN FRANCISCO COUNTY

7694 524 Howard St; owner, Bay Bridge Garage; contractor Ets-Hoken & Galvan; 5 outlets; 3 switches; 7 plugs.

7695 2149 Taraval; owner, Harry Gordon; contractor, Neon Maintenance Corp; 1 sign; 2 transformers.

7696 363 Valencia St; owner, Les Markey's Auto Rebuilding; contractor, Neon Maintenance Corp; 2 transformers.

7697 2027 Irving St; owner, E Edward Rupp; contractor, Neon Maintenance Corp; 1 sign; 2 transformers.

7698 3210 Folsom St; owner, Peter A Faldetta; contractor, Neon Maintenance Corp; 2 signs; 1 transformer.

7699 SE cor Bush and Grant Ave; owner, United Cigar & Whelan; contractor, Neon Maintenance Corp; 1 sign; 8 transformers.

7700 415 Post St; owner, Bank of America; contractor, Pacific Electrical; 91 outlets; 25 switches; 30 plugs; 1 motor.

7701 1411 Stockton; owner, Hotel; contractor, Pacific Electrical; alterations.

7702 298 Alabama St; owner, Independent Lithograph Co; contractor, B J Doherty; service.

7703 90 Kisha Rd; owner, Housing Authority; contractor, B J Doherty; service.

7704 1529 Van Ness Ave; owner, McCarthy; contractor, B J Doherty; 6 outlets; alterations.

7705 2682 Filbert St; owner, Post; contractor, B J Doherty; 3 outlets; 3 switches; 10 plugs.

7706 1025 Tennessee St; owner, Hart; contractor, Strom & Smith; 4 outlets; 3 switches; 2 plugs.

7707 129 Montgomery St; owner, Store; contractor, Strom & Smith; alterations.

7708 S Sadowa 200 W Capitol; owner, Baldwin; contractor, Strom & Smith; service.

7709 350 Post St; owner and contractor, Frank S Windholtz;

7710 120 6th St; owner, Mitchell Estate; contractor, Kuchel & Sievers; alterations.

7711 600 Beach St; owner, ...; contractor, E W Scott Electric Co; service.

7712 665 3rd St; owner, M J B Co; contractor, L Ray Moser; 19 motors.

7713 1369 California St; owner, ...; contractor, Golden Gate Electric Co; 1 outlet; 5 switches.

7714 791 24th Ave; owner, ...; contractor, Golden Gate Electric Co; 2 outlets; 1 plug.

7715 3062 Franklin St; owner, ...; contractor, Earl L Stevens; service.

7716 366 Columbus Ave; owner, R Biaggini; contractor, Grandi Electric Co; 1 outlets; 1 switch; 2 plugs.

7717 NE cor S Van Ness and 14th St; owner, A F Mattoch Co; contractor, Grandi Electric Co; 3 outlets; 3 switches; 3 plugs.

7718 155 Guerrero; owner, Mary's Help Hospital; contractor, Weber & Conroy; 12 outlets; 10 switches; 3 plugs.

7719 508 Montgomery St; owner, ...; contractor, Galvin Bros; 14 outlets; 3 switches; 4 plugs.

7720 1563 Mission; owner, Block; contractor, Galvin Bros; 17 outlets; 4 switches; 12 plugs.

7721 287 Maynard; owner, Brendson; contractor, Arc Electric Co; service.

7722 NE cor Delano and Geneva Ave; owner, F C French; contractor, Arc Electric Co; service.

7723 W Charles 100 S of Bell St; owner, Alemany Construction; contractor, Arc Electric Co; service.

7724 1447 La Salle St; owner, Fred Thompson; contractor, Arc Electric; 12 outlets; 10 switches; 8 plugs.

7725 NE cor France and Edinburgh Sts; owner, Fred Thompson; contractor, Arc Electric Co; 12 outlets; 10 switches; 8 plugs.

7726 610 Vienna St; owner, Willts; contractor, Arc Electric Co; 12 outlets; 10 switches; 8 plugs.

7727 322 Head St; owner, F C French, A Vignals; contractor, Arc Electric Co; 12 outlets; 10 switches; 8 plugs.

7729 SW cor Bayshore and Woolsey St; owner, Standard Oil Co; contractor, Electrical Products Corp; 2 transformers.

7730 400 Fulton St; owner, Associated Oil Co; contractor, Electrical Products Corp; 1 sign; 2 transformers.

7731 399 10th Ave; owner, Boudin's Bakery; contractor, Electrical Products Corp; 1 sign; 1 transformer.

7732 537 Divisadero St; owner, Olsen Delicatessen; contractor, Ace Electric Co; 3 outlets.

7733 12th and Howard Sts; owner, D E Sanford & Co; contractor, Ace Electric Co; 27 switches; 3 plugs.

7734 43 6th St; owner, Harry Mintz; contractor, Ace Electric Co; 18 outlets; alterations.

7735 1233 Fillmore; owner, Cafe; contractor, Eureka Electric; service.

7736 2365 North Point St; owner, B R Sharp; contractor, Eureka Electric; 5 outlets; 3 switches; 10 plugs; service.

7737 W Noriega Way 250 N Ortega St; owner, Doelger; contractor, Richmond Electric Co; service.

7738 120½ Clement St; owner, J Zimmerman; contractor, P & J Elec; 3 outlets; 2 switches.

7739 1539 Folsom St; owner, Marine Instruments; contractor, Marelco, Inc; alterations.

7740 126 Turk St; owner, Port Hole Bar; contractor, Mrelco, Inc; one motor.

7741 1095 Mission; owner, Grand Southern Hotel; contractor, Malm-Welter; 6 plugs.

7742 274 Mallorca Way; owner, L Welter; contractor, Malm & Welter; 5 outlets; 7 switches; 3 plugs.

7743-46 2067, 2071, 2075, 2079 31st Avenue; owner, Lindsay; contractor, Adams Elec Co; 10 outlets; 13 plugs; 10 switches; service; 1 transformer, each job.

7747 2115 Noriega St; owner, Superior Bldg Co; contractor, Adams Elec Co; 10 outlets; 12 switches; 16 plugs; service; 1 transformer.

7748 2701 Pacheco Street; owner, Lindsay; contractor, Adams Electric Co; 10 outlets; 12 switches; 16 pl; service; 1 transformer.

OAKLAND

34839 1345 Third St; owner, Best Fertilizer Co; contractor, Vincent Electric Motor Co; service.

34840 263 Cairo Rd; owner, Frederickson; contractor, special owner; 6 outlets; 4 switches; 6 fixtures; 4 plugs.

34841 953 45th St; owner, Hess; contractor, Cooper Electric; 1 outlet; 1 switch.

34842 2506 E 14th St; owner, Andrewsen; contractor, Fred Schmits; 2 outlets; 2 fixtures.

34843 2267 77th Ave; owner, Sjoberg & Son; contractor, Fred Schmits; outlets; switches; fixtures; plugs.

34844 2818 E 14th St; owner, Mortorano; contractor, Davis Electric; outlets; switches; fixtures; plugs.

34845 3246 San Pablo; owner, Edmonds; contractor, Davis Electric; outlets; switches; fixtures; plugs; alterations.

34846 1335 7th St; owner, Garrett; contractor, Davis Electric Co; outlets; switches; fixtures; plugs; alterations.

34847 927 Broadway; owner, Huff; contractor, Davis Electric Co; outlets; fixtures.

34848 1428 Franklin St; owner, Gaba; contractor, Davis Electric Co; outlets; switches; fixtures; plugs.

34849 2973 San Pablo; owner, Leach; contractor, Davis Electric; outlets; switches; fixtures; plugs; alterations.

34850 4740 Fair Ave; owner, Wiggins & Marsh; contractor, Baylis Lighting Fixture Co; 13 fixtures.

34851 2628 Kingsland; owner, White House Market; contractor, Paramount Electric Co; alterations.

34852 4732 Fair Ave; owner, Wiggins & Marsh; contractor, Baylis Lighting Fixture Co; 13 fixtures.

34853 9812 Maddux; owner, Doe; contractor, Shea Electric Co; alterations.

34854 S side San Leandro opposite 69th Ave; owner, Reade & Co; contractor, Del Monte Electric; 1 motor.

34855 3120 San Pablo; owner, Shaker; contractor, T L Rosenberg; alterations.

34856 730 Myrtle St; owner, Market Laundry; contractor, T L Rosenberg; alterations.

34857 2314 High St; owner, F & N Market; contractor, C A Langlais; 21 fixtures.

34858 3934 Broadway; owner, Brownell; contractor, Johnston Electric Co; alterations.

34859 324 40th St; owner, Sports Paradise; contractor, L E Chapman; 6 outlets; 2 switches.

34860 7419 Fresno St; owner, Weldon Warren; contractor, Clifford Electric Co; outlets; switches; fixtures; plugs.

34861 4801 MacArthur; owner, Jensen; contractor, Clifford Electric Co; outlets; switches; fixtures; plugs.

34862 NW 12th and Peralta; owner, Jensen; contractor, Clifford Electric Co; outlets; switches; fixtures; plugs.

34863 333 23rd Ave; owner, Rhodes Jameson; contractor, Dimond Electric Co; 2 plugs.

34864 4423 Hyacinth Ave; owner, Acme Builders; contractor, Fox Electric Co; outlets; switches; fixtures; plugs; saw motors.

34865 2901 E 12th St; owner, Rouse; contractor, Fox Electric Co; motors.

34866 3231 Grand Ave; owner, Lindy's Cafe; contractor, Fox Electric; plugs;,

Classified Advertising

WANTED

PAINTING ESTIMATOR, preferably one with experience or background adaptable to this line of work. Reply Box 118, c/o Daily Pacific Builder. 1/18-21-22-23-24/46

FIRST-CLASS ARCHITECTURAL DRAFTSMAN. Salary to suit. Call HIgate 6449. 1/16-17-18-21-22/46

BLDG. CONSTR. SUPT., good future. State experience and references. Reply Box 16, c/o Daily Pacific Builder. tf

SENIOR DRAFTSMAN for permanent position in architectural office located on the Monterey Peninsula. Contact C. J. Ryland by phone at Carmel 404 or write P. O. Box 847, Monterey. 1/14-15-16-17-18-21, 46

Experienced architectural DRAFTSMAN out of city. If interested, housing available. Mayo & Johnson, 307 Exchange Bldg., Stockton. Phone Stockton 9-9359.

POSITION WANTED

Experienced ARCHITECTURAL DRAFTSMAN wants part-time work. Expd. in making sketches, floor plans, working drawings, details, etc., for residential, commercial or industrial work. Reply Box 121, c/o Daily Pacific Builder. 1/21-1/25, '46

VET.—POWDERMAN—desires position with reliable company as ADVISER, ESTIMATOR or MECHANIC. 10 years' experience. Water, hard rock, excavation, operate jackhammer, wagon drill and cable tool rig. Write Bill De Maupassant, 8 Wildwood Ave., Oakland, Calif. 1/16-17-18/46

ENGINEER—steam—experienced—age 32, desires position as plant operator. Reply Box 115, c/o Daily Pacific Builder. to Jan. 18, '46

Young man desires SALES POSITION with organization handling line of BUILDING MATERIALS. College background, alert, aggressive, neat appearing. Contact Warren S. Michael, BA. 9469, or address reply 175 18th Ave., S. F. 18.

Engineering Section

32— SEWERS & SEWAGE DISPOSAL PLANTS

January 21, 1946

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until Feb. 13, 10 A. M., bids will be received by the Los Angeles County Board of Supervisors, 153 Hall of Records, Los Angeles, for the construction of sanitary sewers and appurtenances at the Facilities for Housing of Juveniles in Eastern Ave., Sheriffs' Road, Tr. No. 13146 and Right of Way Tr No. 1426; 60 days for completion; Job No. 8320.

Plans and specifications may be obtained at the office of the County Engineer, 700 Union League Bldg., Los Angeles, upon deposit of $2.50.

Work involves:
(1) lump sum for the construction of sewers complete in place:
(a) 152 l.f. 8-in. extra strength vit. clay pipe, inluding 8x6-inch wye branch;
(b) 2570 l.f. 8-in. standard vit. clay pipe, inluding 8x6-inch wye branch and 8x4-in. wye branch;
(c) 70 l.f. 6-in. standard vit. clay pipe house connections, including 6-in. cleanout;
(d) 270 l.f. 4-in. standard vit. clay pipe house connections, including 4x4-in. wye branches and 4-inch cleanout;
(e) 16 brick sewer structures, including 8-in. stubs and drop inlet;
(f) 1, break into existing manhole and form new channel in base.

32

January 21, 1946

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until Feb. 13, 10 A. M., bids will be received by the Los Angeles County Board of Supervisors, 501 Hall of Records, Los Angeles, for the installation of sewers in 115th St., 116th St., 117th St., 118th Place, 119th St., 119th Place, 120th St., Isis Ave., Imperial Highway, Aviation Blvd. and Inglewood-Redondo Road, a total distance of 3.42 miles; County Improvement 1123; est. cost, $59,700.

Plans and specifications were prepared by Alfred Jones, county engineer, Hall of Records, Los Angeles.

Work involves:
(1) approx. 12 l.f. 8-in. extra strength vit. clay piper, main line sewer, complete in place;
(2) 18,050 l.f. 8-in. standard strength vit. clay pipe, main line sewer, complete in place;
(3) 8540 l.f. 6-in. stanrard strength, vit. clay pipe house connection sewers;
(4) 60 brick sewer structures, complete in place;
(5) break into two existing flushing manholes and remove flushing device;
(6) break into two existing flushing manholes, remove flushing device and form channel in base.

32

33—WATERWORKS

January 21, 1946

CONTRACT AWARDED

ALTADENA, Los Angeles Co., Calif.—Haddock Engineers, Ltd., 129 2nd St., Los Angeles, at $36,280, was awarded contract by the Rubio Canyon Land & Water Association, 583 E. Sacramento St., Altadena, for the installation of water main sin Altadena. Plans and specifications were prepared by A. L. Sonderegger, consulting engineer, 925 Central Bldg., Los Angeles. 33

Machinery & Material

U. S. TREASURY

SAN FRANCISCO.—Until January 28, 2 P. M., bids will be received by the U. S. Treasury Department, 30 Van Ness Ave., under Inv SF-2755-46 for 45 pieces of lumber and plywood delivered to 325 21st St., Oakland.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until February 8, 2 P. M., bids will be received by the U. S. Treasury Department, 30 Van Ness Ave., under Inv. SF-2750-46 for 150 50-ft. lengths of fire hose delivered to 650 Fifth St.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until February 8, 2 P. M., bids will be received by the U. S. Treasury Department, 30 Van Ness Ave., under Inv. SF-2751-46 for 300 marking hatchets, f.o.b. 650 Fifth St., San Francisco.

Specifications obtainable from the above office.

STATE PURCHASING AGENT

SACRAMENTO, Calif.—Bids will be received by the State Purchasing Agent, Sacramento, for materials and equipment as follows:

January 22

QUO. 31542, REQ. E47537:
300 tons light stone riprap on Bayshore Highway, north city limits of Burlingame.

January 25

QUO. 31305, REQ. 24098:
Five pneumatic-tired tractor-operated highway mowing machines, f.o.b. Oakland.

QUO. 31304, REQ. 3781:
Two pneumatic-tired tractor-operated highway mowing machines, f.o.b. Redding.

LOS ANGELES CITY

LOS ANGELES, Calif.—Until Jan. 24, 11 A. M, bids will be received by A. J. Holm, Los Angeles city purchasing agent, Room 107, City Hall, Los Angeles, for 54,000 lbs. structural steel to be fabricated and delivered to the Bureau of Maintenance and Sanitation, City of Los Angeles, f.o.b. municipal asphalt plant No. 1, 2484 E. Olympic Ave., in the following specifications: 22 12x8-in., WF NO40 I beams; 22 4x4x⅝-in. angle irons and four 4x4x½-in. angle irons; Schedule No. 4821.

Bid Opening Schedule

BUILDING CONSTRUCTION

Bid Opening Date	Project	Location of Project	Noted in issue
1-21	Painting (FWA)	Marysville	12-28
1-21	Painting (FWA)	Claremont	1- 4
1-21	Alter Hospital (City)	San Francisco	1- 9
1-21	Apartment Building (Danforth)	Oakland	1-11
1-22	Install Electric Feeders, Etc. (City)	San Francisco	1-11
1-22	Repair Warehouse (City)	San Francisco	1- 9
1-22	Fire Station (Co.)	Altadena	12-26
1-22	Painting (FWA)	Pasadena	1- 4
1-22	Airport Building (County)	Napa	1-15
1-23	Elevator Repairs (Govt.)	San Francisco	1- 9
1-23	Painting, Etc. (Govt.)	San Francisco	1-11
1-24	Alter Hospital (Navy)	Corona	1- 9
1-24	Nursery and Residence (Sharpe-Knight)	San Francisco	1-10
1-25	Add and Alter Facilities (Navy)	San Diego	1- 9
1-25	Warehouse (Dist.)	Richmond	1- 4
2-26	Hospital Bldg. (Vets' Admin.)	Grand Junction, Colo.	1- 4
1-28	School Building (Dist.)	Dos Palos	1- 3
1-28	Sell Mill (Govt.)	Salinas	1- 3
2-28	Construct Buildings, Etc. (Govt.)	Boise Project, Idaho	1- 9
1-28	Mezzanine Offices (Oakland Port Commission)	Oakland	1-16
1-29	Painting, Etc. (Navy)	Crows Landing	1-16
1-29	Ward Buildings (State)	Stockton	1- 3
1-29	Wire Mesh Partitions (Govt.)	Honolulu, T. H.	12-26
1-30	Laboratory Bldg. (NACA)	Moffett Field	1- 8
1-30	School Addition (Dist.)	Salinas	1-15
1-30	Alter Hospital (City)	San Francisco	1-14
1-30	Install Fixtures (Govt.)	Sandpoint, Idaho	1-18
1-30	Duct Work, Etc. (City)	San Francisco	1-17
1-30	Relocate Compress (Govt.)	San Francisco	1-18
1-31	Grain Elevator (Tulana Farms)	Worden, Ore.	12-27
1-31	Building Conversion (Navy)	San Francisco	1- 7
2- 1	School Addition (Dist.)	Fair Oaks	1- 7
2- 4	Add to School (Dist.)	Coachella	1-10
2- 5	Warehouse (State)	Sacramento	1-16
2- 5	Install Equipment (Govt.)	Fort Peck, Mont.	1-17
2- 5	Miscellaneous Buildings (Navy)	Inyokern	1-17
2- 7	Expand Sheet Metal Shop (Navy)	San Francisco	1-18
2-18	Steel Partitions (Govt.)	Denver, Colo.	1- 8
2-19	Bond Election (Dist.)	San Jose	1- 7
2-21	Paint Post Office (Govt.)	Redondo Beach	1-18
2-27	Addition to School (Dist.)	Downey	1-16

MISCELLANEOUS SUPPLIES AND MATERIALS

Bid Opening Date	Project	Location of Project	Noted in issue
1-21	Manila Covers (Govt.)	San Francisco	1-15
1-21	Window Shades, Etc. (Govt.)	San Francisco	1- 8
1-21	Gasoline, Etc. (City)	Burlingame	1- 7
1-21	Grass Seed (City)	San Francisco	1-11
1-22	Transformers, Etc. (Dist.)	El Centro	1- 4
1-23	Transformers, Etc. (Govt.)	Shoshone Project	12-18
1-23	Grate Valves, Etc. (Dist.)	Oakland	1-11
1-24	Transformers (Dist.)	Oakland	1-11
1-24	Galvanized Milk Cans (Navy)	San Francisco	1-17
1-25	Venturi, Etc. (City)	San Francisco	1-11
1-25	Manila Rope (Govt.)	San Francisco	1-14
1-25	Linoleum (City)	San Francisco	1-16
1-25	Fence Posts (Govt.)	San Francisco	1-18
1-25	Armature Coils (City)	San Francisco	1-18
1-28	Reinforcing Bars (Govt)	Los Angeles	1-18
1-28	Pig Lead (City)	San Francisco	1-16
1-28	Radio Repair Parts (Govt.)	San Francisco	1-15
1-28	Radio Repair Parts (Govt.)	San Francisco	1-15
1-28	Metal Shoe, Etc. (Govt.)	San Francisco	1-10
1-29	Radio Repair Parts (Govt.)	San Francisco	1-15
1-29	Storage Cases (Govt.)	San Francisco	1-11
1-29	Lumber and Beams (Navy)	San Francisco	1-17
1-28	Mastipave Floor Paper (City)	San Francisco	1-18
1-29	Telephone Crossarms (Govt.)	San Francisco	1-18
1-30	Transmission Line, Etc. (Govt.)	San Francisco	1-15
1-30	Reinforcing Bars (Govt.)	Los Angeles	1-18
1-30	Pulleys (Govt.)	San Francisco	1-18
1-31	Paper Fastenings (Govt.)	San Francisco	1-18
2- 1	Oil Circuit Breakers, Etc. (Govt.)	Redding, Etc.	1- 3
2- 1	Rulers, Folders (Govt.)	San Francisco	1-16
2-11	Shovel Handles (Govt.)	San Francisco	1-18
3-20	Sanitary Sewer (City)	Mill Valley	1-18

MACHINERY AND EQUIPMENT

Bid Opening Date	Project	Location of Project	Noted in issue
1-21	Transformers, Etc. (Govt.)	Denver, Colo.	12-18
1-21	Dump Trucks (City)	Bakersfield	1-18
1-22	Circuit Breakers, Etc. (Govt.)	Davis Dam	12-18
1-22	Dump Truck, Etc. (County)	Colusa County	1-14
1-23	Oil Circuit Breaker (Dist.)	Oakland	1-11
1-23	Sedans (Dist.)	Oakland	1-11
1-23	Gate Valves, Etc. (Dist.)	Oakland	1-14
1-23	Power Operator Oil Circuit Breakers (City)	Los Angeles	1-14
1-24	Refrigeration Equipment (Navy)	El Toro	1-14
1-25	Ventilating Equipment, Etc. (Govt.)	Boulder Canyon	12-28
1-25	Motor Coaches (City)	San Francisco	12-27
1-28	Steam Turbine (City)	Pasadena	12- 5
1-29	Police Ambulance (City)	Oakland	1-16
1-29	Gas Engines (Govt.)	San Francisco	1-18
1-31	Cooling System (Smith)	Bakersfield	1-14
2- 5	Furnish Pumps (Govt.)	Columbia Basin Project, Wash.	12-20
2- 5	Pump Engine (City)	Phoenix, Ariz.	1-18
3- 7	Pumps, Etc. (Govt.)	Columbia Basin Project.	1-11
2- 8	School Coach (Dist.)	Inyo County	1-15
2-13	Span Bridge (State)	Kern County	1-15
2-18	Structural Steel Anchorages, Etc. (Govt.)	Central Valley Proj.	1-15

STREETS, ROADS AND HIGHWAYS

Bid Opening Date	Project	Location of Project	Noted in issue
1-21	Resurface Tennis Courts (City)	Napa	1-17
1-22	Improve Park (Co.)	Bell Gardens	12-28
1-22	Improve Park (Co.)	Los Angeles County	12-26
1-22	Striping Runway, Etc. (Govt.)	Flagstaff, Ariz.	1-15
1-23	Repair Road (State)	Solano County	12-26
1-23	Repair Sidewalks, Etc. (Govt.)	Santa Cruz	1-11
1-23	Improve Ave. (City)	Los Angeles	1- 8
1-23	Highway and Bridge (State)	Helena, Mont.	1-16
1-26	Improve Highway (State)	New Mexico	1-17
1-28	Clearing Road (Govt.)	Portland, Ore.	1-17
1-30	Grading, Etc. (State)	Merced	1-15
1-30	Improve Road (State)	Flagstaff, Ariz.	1-16
2- 6	Improve Streets (City)	San Francisco	1-17
2- 7	Overhead Crossing (State)	Los Angeles County	1- 8
2- 8	Addl. Paving (Navy)	San Francisco	1- 8
2-11	Cargo Vessels (Govt.)	Washington, D. C.	1-18
2-13	Grading, Etc. (State)	El Dorado County	1-18
2-14	Overhead Crossing (State)	Los Angeles	1-15
2-14	Overcrossing (State)	San Diego	1-15
2-14	Overcrossing (State)	Los Angeles	1-15
3- 4	Generating Units (City)	Pasadena	1-18

BRIDGES — TUNNELS — HARBOR WORKS EXCAVATIONS

Bid Opening Date	Project	Location of Project	Noted in issue
1-23	Steel Beam Span Bridge (State)	San Joaquin County	12-26
2- 2	Friant-Kern Canal (Reclamation Bureau)	Friant	1- 4

WATERWORKS — PIPELINES — DAMS — TANKS

Bid Opening Date	Project	Location of Project	Noted in issue
1-21	Foundation Work (Govt.)	Priest Rapids, Wash.	1- 4
1-24	Reservoir (City)	Glendale	1- 3
1-24	Reservoir (City)	Glendale	1- 8
1-24	Water System (Dist.)	Lake Stevens, Wash.	1- 3
1-24	Transmission Line (Dist.)	Campo	1-18
1-28	Clear Right-of-way (Govt.)	Lewis County, Wash.	1-18
1-31	Drilling Water Well (State)	Yolo County	1-15
2- 5	Install Powerhouse Equipment (Govt.)	Fort Peck, Mont.	1-18
2- 5	Earthwork, Etc. (Govt.)	Central Valley Project	1- 8
2- 7	Spillway (Govt.)	Canton Dam, Oklahoma	1- 4
2- 7	Spillway, Etc. (Dist.)	Canton, Okla.	1-10
2-19	Concrete Water Tank (City)	Ritzville, Wash.	1-16
2-21	Fort Gibson Dam (Govt.)	Fort Gibson, Okla.	1-18
3-12	Kortes Dam (Govt.)	Missouri Basin Project	1-18

SEWERS—DISPOSAL PLANTS—STORM DRAINS FENCING—PARKS AND PLAYGROUNDS

Bid Opening Date	Project	Location of Project	Noted in issue
1-24	Install Sewers (City)	Fresno	1-10
1-29	Drainage System (Navy)	Stockton.	
1-30	Army Street Sewer (City)	San Francisco	1- 7
1-30	Sewer System (City)	San Francisco	1- 9
2- 5	Sewers (City)	Alameda	1-17
2- 8	Sewers (City)	San Francisco	1-17

STREET LIGHTING SYSTEMS

Bid Opening Date	Project	Location of Project	Noted in issue
1-22	Street Lighting System (City)	San Francisco	1- 9
1-22	Power Line (N.I.R.E.R.A.)	Sandpoint, Idaho	1-14
2-11	Transmission Line (Govt.)	Oroville to Sacramento	1-16

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PLANS and Speculations

The Coco Cola Bottling Company has purchased a three-acre site at East 14th Street and Mattox Road, HAYWARD, for the construction of a huge bottling plant. No construction plans have yet been announced.

oOo

Ground has been broken for the Los Medanos Bowl, a Ninth Street and Los Medanos, PITTSBURG. W. S. Van Winkle of the Bay City Recreation Company said the two-story structure of basalt block and concrete will house 12 bowling lanes, 12 billiard tables, badminton and table tennis courts, a fountain and meeting room, with four retail stores also to be included. The structure is 150 by 135 feet and is slated to be completed by late spring.

oOo

Paving of a nine-acre site at 92nd Avenue near "G" Street in OAKLAND has been started for the Lincoln Lumber Co. Trebling the capacity of the present plant at 22nd Avenue and East 14th St., and increasing employment to more than 100 people, the new project includes offices, display room, warehouse of 80,000 square feet, sash and door shop, and planing mill. L. H. Lincoln, general manager, said completion is scheduled for early May.

oOo

Storage space at the Filice and Perrelli Canning Company plant, 10th and Hall Sts., RICHMOND, will be trebled on completion of the new warehouse of 60,00 sq. ft. Pile driving has strated and construction will be rushed in an effort to have the building ready for this year's pack.

oOo

Start of construction of a $250,000 plant for Dobeckmun Company, manufacturers of cellophane packaging materials, moved a step closer as the State Railroad Commission authorized construction of a Southern Pacific spur to the site on Virginia Street, between 4th and 5th Sts., BERKELEY. Plans are being completed for a factory and office building with 55,000 sq. ft. of floor space. The firm will move from its present location at 1330—62nd St., Emeryville. Permits for construction of a $90,000 Mormon Church for BERKELEY has been granted. The building will be erected on Stuart Street between Telegraph Ave. and Ellsworth Street.

oOo

Appointment of Jack C. Jamison of Martinez to the newly created post of County Building Inspector has been announced by the CONTRA COSTA COUNTY Board of Supervisors. . . The trustees of the Arcade School District of SACRAMENTO have called an election on February 1st on the proposed bond issue of $76,000 to finance expansion of the school. Gordon Stafford of Sacramento is architect for the contemplated project.

oOo

Shell Chem. Corp. Announces Plans For Expansion

Shell Chemical Corporation will spend more than one million dollars this year on an expansion program designed to double the output of ammonia and ammonium sulfate at Shell Point, near Pittsburg, Calif., it was announced today by J. Oostermeyer, president.

In operation since 1931, the Shell Point ammonia plant is by far the largest in the West and has provided a major portion of the nitrogen plant food used in western agriculture, Oostermeyer said.

"With confidence in the continued growth of the West and western agriculture, work has started in the expansion of these facilities to provide a substantial source of ammonia for fertilizer and industrial purposes as well as ammonium sulfate for the fertilizer needs of the Pacific Coast area," he added.

In addition to the ammonia plant expansion, Shell Chemical recently broke ground for a new office building at Shell Point. It will be two stories of reinforced concrete with block-stone finish featuring structural glass trim. The architects, Gordon B. Kaufmann Associates, describe the building as of semi-modernistic design.

The building will accommodate the approximately 10 office workers now employed at Shell Point and provide some additional space for growth. The contract for construction has been let to Howes & Whitaker who will use local labor and material when available.

The architect's plans of the new office building indicate more than 15,00 square feet of area. Modern furnishings and extensive landscaping will brighten the surroundings which have been almost hidden during the war in army camouflage.

Four hundred people are now employed at Shell Point, according to M. Voogd, plant manager.

Manufacturers of Critical Building Products Slated for White House Meet

L. C. Hart, President of the Producers' Council, today announced that officials of companies manufacturing critical building products will meet at the White House with Wilson W. Wyatt, Federal Housing Expediter, on January 21 to discus methods of stimulating increased production of building materials and equipment as a means of permitting maximum construction of new housing this year.

The holding of such a meeting was proposed by the Council, national organization of building product manufacturers, shortly after Wyatt arrived in Washington to assume his new position.

"The meeting will give representative manufacturers an opportunity to explain first hand to Wyatt the bottlenecks which are retarding production of needed building products," Hart said.

"Although the new priority system established to channel materials and equipment to builders of veterans' housing may insure an ample supply of certain essential products such as lumber, gypsum and clay products and electrical supplies, further steps must be taken if there are to be enough of the remaining items to permit construction of the 400,000 to 500,000 new housing units which could be built this year.

"The products to which special attention must be given are millwork, enameled plumbing fixtures, and most types of home heating equipment. The output of these products is being reduced substantially by raw materials shortages or by manpower or pricing difficulties. Since all of these bottlenecks arise as a result of government controls, they cannot be removed except with governmental assistance.

"The Council has provided Wyatt with a detailed report on the probable supply of all major types of materials and equipment as shown by its recent survey conducted among manufacturers and has offered full cooperation in obtaining such additional information as he may require.

"Invitations to the meeting have been extended to Lewis H. Brown, President, Johns - Manville Sales Corp., New York City; Fred K. Weyerhaeuser, President, Weyerhaeuser Co., St. Paul, Minn.; G. L. Curtis, President, Curtis Companies, Clinton, Iowa; P. R. Mork, Vice-President, Crane Co., Chicago; M. H. Baker, President, National Gypsum Co., Buffalo; E. O. Shreve, Vice - President, General Electric Co., New York City; R. A. Shipley, President, National Fireproofing Co., Pittsburgh; and Douglas Whitlock, Chairman of the Council's Advisory Board, Washington, D. C."

H. EARL PARKER ELECTED PRESIDENT OF NO. CALIF. AGC

H. Earl Parker, general contractor of Marysville, has been elected president of the Northern California Chapter, Associated General Contractors of America, by the Board of Directors on which he served with distinction during the past year. Geo. H. Atkinson of the firm of Guy F. Atkinson Co., San Francisco, was elected vice-president.

V

AIA Northern Chapter To Meet Friday, Jan. 25

The annual meeting for the election of officers of the Northern California Chapter of the AIA is to be held Friday night, January 25, at the Engineers' Club, 206 Sansome Street, San Francisco.

In addition to the routine business of the annual meeting, the Chapter has invited all of its past presidents to be guests for that night. The list of past presidents represents an excellent cross-section of the architecture of California for the past 30 years. The past presidents expected to be at the meeting are: Messrs. Mooser, McDougall, Faville, Mathews, Bakewell, Applegarth, Fairweather, Allen, Reid, Meyer, Gutterson, Donovan, Evers, Corlett, Perry, Mitchell, Appleton and Spencer.

With the rapid expansion of the Northern California Chapter over the period of the past year, it is hoped that all of the younger men will be present to hear of the past and to participate in the programming of the future of the Chapter. In view of the limited seating capacity of the Engineers' Club, you are urged to 'phone reservations to the office of the Chapter—DOuglas 4561.

V

SPECIAL MEETING FOR MEMBERS OF BLDRS. EXCHANGE

A special meeting of the members of The Builders' Exchange is called for Wednesday, January 30, at 1 o'clock p. m. at 666 Mission Street, San Francisco, for the purpose of receiving nominations for Directors of The Builders' Exchange for the ensuing year.

WORKINGS OF CPA REG. No. 33 IS EXPLAINED

Priorities under Civilian Production Administration Regulation No. 33 for procurement of critical materials to be used in the construction of private dwellings for sale or rent to veterans of World War II are now being issued by the local Federal Housing Administration, D. C. McGinness, District Director for Northern California, has announced.

The application form which builders or veterans, desiring to build, are required to file is very simple. It sets forth the name of applicant, legal description of land, specifications of the building, as indicated on a check sheet, the price at which the property is to be offered for sale or rent, and the number of dwellings or units to be commenced within the time limit of 90 days after issuance. A floor plan showing room designations and dimensions must also be submitted.

The priority regulation fixes a ceiling sale price of $10,000 for single - family dwellings, $17,000 for duplex dwellings, and a rental of $80 per month per living unit. No sale price limitation applies for properties containing more than two living units.

The specific price at which a property may be sold or rented will be fixed by the FHA and, while in so doing, McGinness stated, a realistic view of present costs will be taken, a conscientious effort will be made to protect the interests of the veteran by not approving a price inconsistent with the utility value of the occommodations offered.

Applicants are cautioned, however, that prices fixed in connection with priorities have no relation with the making of FHA insured loans and will not necessarily be recognized as a basis of value for that purpose.

An eligible veteran, building for his own occupancy, is not limited as to cost, but may not sell or rent for more than the ceiling price as established by the Civilian Production Administration order.

By extending or using a priority or preference rating, a builder agrees that the properties, as set forth in the application, will be offered for sale or rent to veterans only during the period of construction and for 30 days thereafter, at which time, they may be sold or rented to non-veterans, subject to the same maximum price established by the FHA.

A veteran owner desiring to sell or rent a property built under priority assistance must give the same 30 days preference to veterans and at a price not exceeding that originally fixed.

V

"PREFAB" HOUSING

A Chicago prefabricated firm, the WillisWay System, is planning to distribute manufactured house parts throughout the nation to more than 21,000 established retail lumber dealers. Its five-room and bath unit, called the HomeOla will retail for less than $3,000 exclusive of lot, and will be a two-story structure containing heating and plumbing essentials.

Bibliography of Scientific, Industrial Reports Will Be Available January 25

The first issue of the "Bibliography of Scientific and Industrial Reports Distributed by the Office of the Publication Board" will be placed on sale by the Superintendent of Documents, Government Printing Office, on January 25, the Office of the Publication Board said today.

Succeeding issues of th bibliography will be made available on a weekly basis.

Reports listed in the weekly bibliographies will be grouped according to subject matter. The serial number, price, length, and title of each report in the listings will be accompanied by a brief description of the report's contents.

The price of the first issue will be 15 cents. Since prices of later issues will vary in accordance with their size, a definite yearly subscription rate cannot yet be determined. However, the Superintendent of Documents will accept $10.000 as initial payment for the service and will notify subscribers when additional remittance is required. Copies of the bilbiographies also may be purchaser singly.

Orders for the bibliographies should be accompanied by check, money order, or Superintendent of Documents coupons and should be addressed to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

The first issue, comprising 28 pages and covering 323 reports, will contain listings under the following subject headings: apparel and other finished products made from fabrics and similar materials, with 1 title; chemicals and allied products, with 114 titles; electrical machinery, equipment, and supplies, with 46 titles; fabricated metal products (except ordnance, machinery, and transportation equipment), with 19 titles; food and kindred products, with 3 titles; lumber and wood products (except furniture); with 3 titles; machinery (except electrical), with 20 titles; ordnance and accessories, with 25 titles; primary metal industries, with 4 titles; products of petroleum and coal, with 28 titles; professional, scientific and controlling intruments, photographic and optical goods, watches and clocks, with 13 titles; rubber products, with 11 titles; stone, clay, and glass products, with two titles; textile mill products, with 3 titles; and transportation equipment with 31 titles.

The reports described in the listings contain information on scientific and technical developments, processes, products, inventions, and related matters of potential interest to American science and industry. This information previously was subject to security restrictions but has no wbeen released for distribution by OPB.

Most of the information released to date was obtained in Germany and in countries formerly occupied by the Germans. Some reports on U. S. Government sponsored research also have been released, and many more are expected to be made available for distribution in the future.

COST ACCOUNTANTS DISCUSS CURRENT INCOME TAX

Taxes, corporate and individual, will be the timely topic of discussion at tonight's current dinner and technical session of the San Francisco Chapter, National Association of Cost Accountants, at the Engineers' Club. The guest speakers are Stanley W. Smith, who will handle the corporate part, and Andrew F. Sherman, who will review the individual's problems.

Smith, C.P.A. in both California and Texas, is manager of the Tax Department of Peat, Marwick, Mitchell & Co., and is well known among tax experts.

Sherman, a C.P.A. in California, is the senior partner of his own firm of C.P.A.'s.

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BUILDING SECTION

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Pub. Bldgs., Firehouses, Jails 13
Residences 14
Schools 15
Banks, Stores and Offices 16
Theaters 17
Wharves and Docks 18
Miscellaneous Construction 19
Misc. Supplies and Materials 20

4— FACTORIES AND WAREHOUSES

January 22, 1946
CONTRACTS AWARDED
MECHANICAL WORK
SAN JOSE, Santa Clara Co., Calif. Cor. Phelan Ave. and Senter Rd.

All mechanical work for the construction of a reinforced concrete fruit and vegetable cannery, consisting of a main manufacturing building, a boiler house, finished stock warehouse and cold storage unit. The mechanical work will include heating, plumbing, wiring, fire protection and powerhouse equipment

Owner—Beechnut Packing Co., Canajohare, N. Y.

Architects—Binder & Curtis, 35 W. San Carlos St., San Jose.

Fire Protection

Contractor — Viking Automatic Sprinkler Co., 216 Pine Street, San Francisco, $49,900.

Refrigeration

Contractor—General Air Conditioning & Heating Co., 3959 Piedmont Ave., Oakland.

Electrical

Contractor—Roy M. Butcher, 510 W San Fernando, San Jose, $102,651.

Plumbing

Contractor—A. J. Peters & Son, 410 N Tenth St., San Jose. $63,668.

Heating and Ventilating

Contractor—A. J. Peters & Son, 410 N Tenth St., San Jose, $41,332. * * 4

January 22, 1946
CONTRACT AWARDED
CANNERY Cont. Pr.. $552,935
SAN JOSE, Santa Clara Co., Calif. Cor. Phelan Ave. and Senter Rd.

General construction of a reinforced concrete rfuit and vegetable cannery on a 23-acre site, consisting of main manufacturing building, boiler house, finished stock warehouse and cold storage unit.

Owner—Beechnut Packing Co., Canajohara, New York.

Architect—Binder & Curtis, 35 West San Carlos St., San Jose.

Contractor—Carl N. Swenson Co, 355 Stockton Ave., San Jose. * * 4

6— GARAGES AND SERVICE STATIONS

January 22, 1946
BIDS IN—HELD UNDER ADVISEMENT
GARAGE & AUTO SALES BLDG.
BURLINGAME, San Mateo Co., Cal. California Drive.

Construction of one- and part two story reinf. concreet garage and auto sales building.

Owner—Jas. W. McAllister, Inc., 1200 Van Ness Ave., San Francisco.

Architect — Sharps and Brown, 1477 Burlingame Ave., Burlingame.

Announcement shortly. * * 6

7—FEDERAL BUILDINGS

January 22, 1946
BIDS OPENED

LOS ALAMITOS, Orange Co., Calif. —Frank McElrath, 1110 Seal Way, Seal Beach, at $19,610, submitted the low bid to the U. S. Navy, Public Works Department, 11th Naval District, 1220 Pacific Highway, San Diego, January 15, for the construction of a one-story wood frame boiler room addition at the Naval Air Station, Los Alamitos; Specification No. 17204. The work also includes the installation of two government furnished boilers, four government furnished dishwashing machines and nine government furnished steam kettles; the furnishing and installing of three vegetable steamers, together with equipment; furnishing and installing of miscellaneous equipment, materials, piping and accessories as required to complete the work. The project includes earthwork, concrete construction, carpentry, plastering, roofing and sheet metal work, electrical, plumbing, mechanical and galley equipment, field painting and miscellaneous work.

The bids submitted were:
Frank McElrath, $19,610.
Kenneth Fraser, $26,795.
C. J. Dorfman, $31,958. * 7

January 22, 1946
PREPARING PLANS

TERMINAL ISLAND, Los Angeles Co., Calif.—Norman B. Green, engineer, 458 S. Spring St., Los Angeles, and Gordon B. Kaufmann, 627 S. Carondelet St., Los Angeles, are preparing preliminary plans for the construction of a new ordnance building, 150x600 feet, at the Naval Dry Docks, Terminal Island, for the Bureau of Yards and Docks, Navy Department, Washington, D. C.; NOy 13374. 7

January 22, 1946
BIDS OPENED

MARYSVILLE, Yuba Co., Calif.—Patterson Bros., 339—17th St., Oakland, at $3,345 submitted low bid Jan. 21 to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting, etc., at U. S. Post Office, Marysville.

Other bidders were:
Dan Sullivan, Santa Monica, $3360.
Pacific Painting & Decorating Co., Oakland, $3448.
Deemer & Deemer, San Francisco, $3460.
Hastings & Wilson, Yuca City, $3,786.00.
R. A. Newman, McMinnville, Ore., $3904.
Grohne, Inc., Decatur, Ill., $4440.
Beck Bros., San Francisco, $4489.
Bell Better Decorators, Chicago, $15,000. * * 7

January 22, 1946
BIDS OPENED

SAN FRANCISCO. — Deemer and Deemer, 60 Hazelwood Ave., at $13,200 submitted low bid Jan. 21 to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., for interor painting and miscellaneous repairs at U. S. Marine Hospital, 14th Ave. and Lake Street.

Other bidders were:
Adam Arras & Son, $19,989.
Raphael Co., $22,197.
Pacific Painting & Decorating Co., $22,788.
Beck Brothers, $24,265.
J. Friedman, $29,250.
Bell Better Decorators, Chicago, $47,990. * * 7

8— CLUB BUILDINGS

January 22, 1946
PREPARING PLANS

LOS ANGELES, Calif.—Architects Wurdeman & Becket, 3757 Wilshire Blvd., Los Angeles, are preparing working drawings for a new clubhouse to be built on W. Pico Blvd., Los Angeles, for the Hillcrest Country Club. It will be a one-story and basement hillside structure with the rear of the basement portion opening onto the golf course; the extreme dimensions will be 260x180 feet. The first floor will contain a large circular lobby, off of which will be the main dining room, with glassed in terrace, lounge rooms and women's lounge, shower, locker and steam rooms, offices, grill room, bar, card rooms and toilets. The basement will contain men's locker, shower and steam rooms, snack bar, golf shop, laundry rooms, servants' quarters, work rooms and storage rooms. The construction will be masonry with stone trim, freight elevator, etc. Cost, $350,000. 8

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CONSTRUCTION
PRODUCED BY
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LOS ANGELES
COASTWIDE SERVICE
PORTLAND
SEATTLE

9— HOSPITALS

January 22, 1946
BIDS IN—HELD UNDER ADVISEMENT
ALTER HOSPITAL
SAN FRANCISCO. Fell and Baker Sts. Southern Pacific General Hospital.

Exterior alterations to hospital building, involving new copings and cornices.

Owner—Southern Pacific Co., 65 Market Street.

Plans by Engrg. Dept. of Owner.

Announcement shortly. * * 9

January 22, 1946
PLANS BEING FIGURED

SAN GABRIEL, Los Angeles Co., Calif.—Architects Quintin & Westberg, 712 N Garfield Ave., Alhambra, are taking bids until Jan. 22, 10 A. M. (postponed from Jan. 19), for construction of a 1-story, 48-bed, reinforced masonry hospital building on Broadway, east of Del Mar Ave., San Gabriel, for the San Gabriel Valley Hospital.

Plans prepared by Architects Quintin & Westberg, 712 N. Garfield Ave., Alhambra. * * 9

10— HOTELS

January 22, 1946
PLANS BEING FIGURED—BIDS OPEN JANUARY 31, 3 P. M.
MOTEL BUILDINGS
OAKLAND, Alameda County, Calif.

Construction of motel buildings.

Owner—Withheld.

Architects—Miller & Warnecke, Financial Center Bldg., Oakland.

Plans are being figured by a selected list of contractors. * 10

12— POWER PLANTS

January 22, 1946
CONTRACT AWARDED

WILMINGTON, Los Angeles Co., Calif.—Guy F. Atkinson, 1103 Heartwell Bldg., Long Beach, at $139,654, awarded contract by the Board of Commissioners, Los Angeles Water and Power Department, 311 S. Spring St., Los Angeles, for the construction of auxiliary service buildings at the department's harbor steam plant, Island Ave. and B St., Wilmington; Spec. No. 9186. 12

13— PUBLIC BLDGS. FIRE HOUSES, JAILS

January 22, 1946
BIDS WANTED

SAN FRANCISCO.—Until January 31, 2 P. M., bids will be received by the Board of Park Commissioners, McLaren Lodge, Golden Gate Park, for the construction of a boathouse, Stow Lake, Golden Gate Park.

Plans and specifications may be obtained from the above office upon deposit of $5. * 13

January 22, 1946
PLANS ON FILE
WAREHOUSE
SACRAMENTO, Sacramento County, Calif. California National Guard.

Construction of a 1-story brick and reinforced concrete warehouse. The floor area will be 4400 sq. ft., approximately.

Owner—State of California, Division of Architecture, Public Works Bldg., 12th and N Sts., Sacramento.

Plans by State Architect Anson Boyd, Public Works Bldg., Sacramento.

As previously reported, bids will be opened February 5, 2 P. M.

Plans and specifications may be obtained from the office of the Division of Architecture, Public Works Bldg., Sacramento.

Each bid must be accompanied by a bidder's bond, cash, a cashier's or certified check made payable to the Director of Public Works in the sum of at least 10% of the amount of bid.

A set of plans and copy of specifications are now on file for examination at the office of DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco. * 13

January 22, 1946
BONDS VOTED

MONTEREY PARK, Los Angeles Co., Calif.—Voters of the City of Monterey Park will hold an election April 9 to vote on the proposition of issuing and selling bonds in amount of $300,000, which, if approved, would be used to finance the construction of a civic center in Monterey Park for the city. Main buildings would be a new city hall, fire and police stations. 13

14— RESIDENCES

January 22, 1946
CONTRACT AWARDED

STOCKTON, San Joaquin Co.,Calif. —S. C. Giles & Co., 121 W. Knoles Way, Stockton, at $32,936, awarded contract by the Federal Public Housing Authority, Phelan Bldg., 760 Market St., San Francisco, for construction of a community building and warehouse at Stockton, San Joaquin County; Dockets Calif. 4756 and Calif. 4065.

Plans prepared by Architects E. G. Ernst, 561 E. Harding Way, Stockton, and J. U. Clowsdley, Exchange Bldg., Stockton. * 14

15— SCHOOLS

January 22, 1946
ARCHITECT SELECTED

WEST LOS ANGELES, Los Angeles Co., Calif.—Architect Ralph C. Flewelling & Associates, Architects' Bldg., 816 W. 5th St., Los Angeles, have been authorized to proceed with working drawings for the construction of a 1-story, 8-classroom frame and stucco building, and a 1-story frame and stucco auditorium building at the Overland Avenue Elementary School, 10,650 Ashley Ave., West Los Angeles, by the Los Angeles Board of Education, 1425 S. San Pedro St., Los Angeles. The classroom building will be 58x180 ft. in area; tile roof, steel sash, concrete floors, acoustical treatment, toilet rooms, tile and marble partitions, painting, plastering, plumbing, electrical work; estimated cost, $90,000. 15

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16— BANKS, STORES AND OFFICES

January 22, 1946
SUB-BIDS WANTED

PORTLAND, Ore.—Ross B. Hammond Construction Co., 1241 Williams, Portland, awarded contract and desires sub-bids for construction of a 12-story reinforced concrete office building on 6th Ave., between Washington and Stark Sts., Portland, for Equitable Savings & Loan Association. Preliminary work involves dismantling of the three existing structures now occupying the site; built-up asbestos roofing, tile or other type partitions, installation of Thermapane glass, concrete, aluminum for facing and sash, structural steel, wire and iron, plastering and installation of four passenger and one freight elevators (all high-speed electrically operated), etc.; cost, $1,500,000. Plans were prepared by Architect Pietre Beilusci, 2040 SW. Jefferson, Portland. 16

January 22, 1946
PLANS BEING FIGURED

LONG BEACH, Los Angeles Co., Calif.—Until Jan. 23, Architect Kenneth S. Wing, 501 Termino Avenue, Long Beach, is taking bids for the construction of a recreation building (75x125-ft.) to be located at 3900-22 E Ocean Blvd., Long Beach, for Howard E. Rogers and W. M. Gleason. Est. cost, $78,000. * * 16

January 22, 1946
PREPARING PLANS

LONG BEACH, Los Angeles Co., Calif. — Architects Wurdeman & Becket, 3757 Wilshire Blvd., Los Angeles, have been commissioned to prepare plans for interior and exterior alterations and additions to a department store at the corner of Pine. Ave and Broadway, Long Beach, for Buffums. J. H. Davies, 730 E. Third St., Long Beach, will be the structural engineer. The cost is estimated at $1,000,000. 16

January 22, 1946
BIDS POSTPONED UNTIL JANUARY 31, 4 P. M.
STORE BUILDING
Approximate Cost, $100,000
PITTSBURG, Contra Costa Co., Calif. Railroad Ave. and E. 7th St.

Construction of new corner store builder (100x101 ft.); alter exterior walls of adjacent building (25x100 ft.), and construction of new adjoining building (50x180 ft.), all construction to be steel frame and reinforced concrete.

Owner — Camillo Lamzafame, c/o architect.

Architect—Philip D. Tomasello, Room 305, 605 Washington St., San Francisco.

Bid opening date postponed from January 19. * 16

January 22, 1946
CONTRACT AWARDED
ALTERATIONS AND ADDITIONS
SAN FRANCISCO. 1244 Larkin St.

Alterations and additions to 2-story brick loft building.

Owner—The Monogram Co., 3264 Mission St., Percy Barker, manager.

Architect—Steiner & Sweeting, 101 Post St.

Contractor—Empire Construction Co., Ltd., 344 Harriet St., San Francisco. * 16

18—WHARVES & DOCKS

January 22, 1946
BIDS WANTED

SAN DIEGO, Calif.—Until Feb. 8, 11 A. M., bids will be received by the U. S. Navy, Public Works Office, 11th Naval District, 1220 Pacific Highway, San Diego, for the construction of additions and alterations to the existing station electrical distribution system and new facilities to provide adequate electrical services and outlets to piers Nos. 10 to 13, inclusive, for reserve fleet berthing; Specification No. 17544. The project includes the furnishing and installing of new transformers, switching station manholes, conduit, cable, underground cableways, switchgear and miscellaneous structures and appurtenances. Specifications available from the above office upon deposit of $15, check payable to the Chief of Bureau of Yards and Docks. * 18

19—MISC. CONSTRUCTION

January 22, 1946
CONTRACT AWARDED

BOISE, Idaho.—Morrison-Knudsen Co., Boise, Idaho, at approximately $3,000,000, has been awarded a contract by the Idaho Power Co., Boise, Idaho, for the construction of a 16,500-kilowatt hydroelectric generating plant and the erection of 120 miles of transmission line from Hangerman Valley to Emmett and Boise, Idaho. 19

20— MISC. SUPPLIES AND MATERIALS

January 22, 1946
BIDS WANTED

SACRAMENTO, Calif.—Until Feb. 1, 5 P. M., bids will be received by the City of Sacramento, City Hall, City Clerk's Office, for 2000 feet of fire hose for the City of Sacramento Fire Department.

Specifications obtainable from the above office. * * 20

January 22, 1946
BIDS WANTED

VALLEJO, Solano Co., Calif.—Until January 24, 10 A. M., bids will be received by the City of Vallejo, city clerk's office, City Hall, Vallejo, for furnishing the following pumping equipment for the Gordon Valley pump line in Solano County:

(1) one pump and motor with starter for pumping, 4050 g.p.m., 294 ft. total dynamic head;
(2) one pump and motor with starter for pumping 4400 g.p.m., 40 ft. total dynamic head;
(3) one pump and motor with starter for pumping 60 g.p.m., 150 ft. dynamic head;
(4) one ½ h.p. air compressor and 5000-gallon horizontal pneumatic pressure tank for 75 lbs. working pressure;
(5) one manual control chlorinator;
(6) one chlorine platform scales, 1000 lbs. capacity;
(7) two Venturi recording meters for measuring water from 4.5 to 7 NGD;
(8) two 24-inch gate valves, water works pattern, hub-ended type.

Specifications obtainable from the above office. * 20

January 22, 1946
BIDS OPENED

SACRAMENTO, Calif.—The following submitted bids to the State Purchasing Agent, Sacramento, for materials as follows:

QUO. 29249, REQ. 2465:
Brown-Bevis Equipment Co., Hough Case DI Model, with loader, $3375; discount 2 per cent 30 days.
Industrial Equipment Co., bidding on Minn-Moline Modle, $3475.65; no discount; price includes loader.
Smith-Booth-Usher, International 1-6, $2182 for tractor; $1098; for loader; total, $3280; discount 2 per cent 30 days.

QUO. 30724, REQ. 170:
George A. Lincoln, only bidder; $956.31 for tractor; $118.71 for plow, and $105.68 for scraper; total $1180.70; awarded.

QUO. 38574, REQ. E47529:
Pacific Truck Service Co,, $1564; awarded.
Blomquist Oil, $2000.
Butane Fuel Co., $1920.
Bell Oil Co., $2150.
C. E. Reed, San Jose, $1600.

No bids were received on QUO. 30723, REQ. 170. * 20

January 22, 1946
BIDS OPENED

SAN FRANCISCO. — Crown Electric Co., 447 Stevenson St., at $640, submitted low bid January 17 to the Treasury Department, Procurement Division, 30 Van Ness Ave., San Francisco 2, under Inv. No. SF-2741-46 for remodeling and installing fluorescent light fixtures and installing convenient outlets, f.o.b. San Francisco.

Other bidders were:
Ets-Hokin & Galvin, $910.
McCabe, $1463. * 20

January 22, 1946
BIDS OPENED

SAN FRANCISCO.—The following bids received January 18 by M. H. Gerry, Purchaser of Supplies, 270 City Hall, under Inv. No. 3454 for furnishing and delivering to Riverbank, Calif., 1000 25,000-lb. units suspension insulators and fittings for Hetch-Hetchy system:

General Electric Supply Co., (1) $3.18, (2) $5.265, (3) $2.025, (4) $.36, (5) $.36, (6) no bid, (7) no bid, (8) no bid; net.

Ohio Brass Co., (1) $3.18, (2) $5.265, (3) $2.34, (4) $.27, (5) $.36, (6) $.405, (7) $.45, (8) $.81; net. * 20

January 22, 1946
BID OPENED

GLENDALE, Los Angeles Co., Calif.—Monolith Portland Cement Co., 215 W. 7th St., Los Angeles, submitted the only bid to the City of Glendale, Public Service Department, 6th floor, Public Service Bldg., Jan. 17, for furnishing 154,000 sacks of standard portland cement; Specification No. 371.

The bid was (1) delivered to pumping plant Zone 5-C, $.7125; (2) warehouse, Zone 4-B, $.7125; (3) Belwood Reservoir, Hill Zone 104-F, $.789375; (4) Rossmoyne Reservoir, Hill Zone 104-E, $.789375; (5) Glenoaks Reservoir, Hill Zone 3-F, $.789375; net; 20c refund for sacks.

No bids were received for furnishing concrete sand and gravel. * 20

January 22, 1946
BIDS POSTPONED

SHOSHONE PROJ., Wyo. — Until February 8, 2:00 P. M. (bid opening date postponed form January 23, 2:00 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1139, for furnishing and delivering fob cars at the shipping point or fob cars at Thermopolis, Wyo., at the option of the bidder, item 1, three 150-kv-a, 66,000 delta- to 7200/12,470 Y-volt, single-phase, 60-cycle, oil-immersed, self-cooled, outdoor type transformers, each with one single-pole, lightning arrester for 13,800-volt, three-phase, grounded - neutral circuit mounted on the case, complete with oil; one 5-kv-a, 7200- to 120/240-volt, single-phase. 60-cycle, oil-immersed, self-cooled, outdoor-type distribution transformer, with standard taps, except with two high-voltage cover bushings and with one distribution-type arrester mounted on the case; one 15,000-volt, 600-ampere, three-pole, single-throw, outdoor type power circuit breaker with automatic reclosing equipment; one 69,000-volt, 600-ampere, three-pole, single-throw, manually gang operated, outdoor-type disconnecting switch;

One 15,000-volt, 400-ampere, three-pole, single-throw, manually gang operated, outdoor type disconnecting switch; six 15,000-volt, 400-ampere, single-pole, single-throw, hook-operated, outdoor - type disconnecting switches; three 69,000-volt, 200-ampere, single-pole, hook-operated, outdoor type, expulsion-fuse disconnecting switches, complete with 5E-ampere fuse units; one 7500/12,500-volt, grounded wye, 50-ampere, single-pole hook-operated, outdoor, enclosed, indicating-type fuse cutout; complete with fuse holder, hanger, and three fuse links, three single-pole, thyrite or autovalve, outdoor, distribution-type lightning arresters, designed for base mounting and suitable for use on 69,000-volt, 3-phase, ungrounded-neutral circuits; three 15,000-volt insulated. 40- to 5-ampere, single-phase 60-cycle, compound - filled, outdoor-type current transformers; three 15,000-volt insulated, 8400- to 120-volt, single-phase, 60-cycle, oil-immersed, self - cooled, outdoor - type potential transformers, complete with oil; and one 3-element, 3-phase, 4-wire, watt-hour indicating demand meter, with 30-minute interval, in weatherproof case, for the Hot Springs County R. E. A. substation, Shoshone Project, Wyoming.

2. The following changes were made in the specifications:

(a) Schedule No. 1, items 1 and 1a, the size of each single-phase transformer is changed from 150 kv.-a to 333 kv.-a.

(b) Schedule No. 3, item 7, the current rating of the expulsion-fuse disconnecting switches is changed from 5E emperes to 10E amperes;

(c) Schedule No. 5, item 10, the current ratio of the current transformers is changed from "40- to 5-amperes" to "50- to 5 emperes."

(d) In paragraph 27, page 7, the first item of the tabulation "normal continuous rating" is changed from 150 kv.-a. to 333 kv.-a.

(e) In paragraph 44, tabulation on page 14, the ratio of bushing type transformers is changed from "600-100/5" to "600-200/5."

(f) In the tabulation in paragraph 51, page 16, under "Current rating (amperes)," item 7 is changed from "200-5E" to "200-10E."

(g) In paragraph 57, page 18, 5th line, "5E-amperes" is changed to "10E-amperes."

(h) In paragraph 61, page 19, 4th line, "40 to 5 amperes" is changed to "50 to 5 amperes."

(i) In paragraph 67, page 21, tests required by subparagraph (c) are eliminated.

(j) In paragraph 68, page 22, 2nd line, ratio of "40 to 5 amperes" is changed to "50 to 5 amperes." Also, the last two sentences in this paragraph are deleted and the following substituted therefor:

"The normal continuous rating of the power transformer bank on the circuit in which the meter will be connected will be 1,000 kv.-a. The potential transformer voltage ratio was selected to provide for possible future use of these transofrmers on a 13,800-volt circuit."

All of the apparatus will be installed by the Government. The vision for liquidated damages for delay. No charge for copies of the specifications to prospective bona fide bidders; to others, $1.25, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colorado. * 20

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Ward Buildings Stockton State Hospital	Stockton	1-29
Buildings and Utilities Spec. 17379, NOy 13211	Inyokern	2- 5
Warehouse California Natural Guard	Sacramento	2- 5

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Ward Bldgs., Stockton State Hosp., Stockton; Bids open Jan. 29, 2:00 P. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

Conversion Bldg., No. 401, S. F. Naval Shipyard, San Francisco; Bids open January 31, 11 A. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
A. Farnell Blair, 9 Main Street, San Francisco (YUkon 0390).
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).

Two Bridges, San Joaquin County; Bids close January 23, 2 P. M.
Carl N Swenson Co., 355 Stockton Ave., San Jose 4 (BAllard 2602).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Laboratory Bldg., Moffett Field; Bids close January 30, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
Carl N. Swenson Co., 355 Stockton Ave., San Jose (BAllard 2602).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054).
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
M. J. King, Inc., 231 Franklin Street, San Francisco (UNderhill 8209).

Warehouse, 8th and Ohio, Richmond; Bids open January 25, 10 A. M.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Erbentraut & Summers, 446 6th St., San Francisco (MArket 8310).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Biltwell Constr. Co., 4745 Geary Blvd., San Francisco (BAyview 5947)
C. L. Wold Constr. Co., Ltd., 4412-16 Fulton St., S. F. (SKyline 4362).
Elmer J. Freethy, 1432 Kearney St., El Cerrito (RIchmond 6875).
William M. Greuner, 2727 Parker St., Berkeley (BErkeley 2877).

Nursery and Residence, Valencia St., S. F.; Bids open Jan. 24, 1 P. M.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).
Rademann-Giusto, 40 Ringold Street, San Francisco (MArket 8151).
Midstate Constr. Co., 1297 Bush St., San Francisco (ORdway 4638)
C. L. Wold Constr. Co., Ltd., 4412-16 Fulton St., S. F. (SKyline 4362).

Bldgs., Services, Reserve Fleet Berthing, Mare Island; NOy 13295; Spec. 17459; Bids open February 1, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Peter Kiewit Sons Co., 441 Post St., San Francisco (EXbrook 5736).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).

Expansion Sheet Metal Shop, Etc., S. F. Naval Shipyard; Spec. 17230; Bids open February 7, 11 A. M.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

Store Bldg., Railroad Ave. and E 7th St., Pittsburg; Bids open Jan. 31, 4 PM
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).

Motel Buildings, Oakland; Bids open January 31, 3 P. M.
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).

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7500 ft.	1.9 O.D. x .065 wall brass pipe	.25c	per	ft.
2200 ft.	1.66 O.D. x .065 wall brass pipe	.20c	"	"
447 ft.	½-in. copper nickel tubing	.06c	"	"
5404 ft.	0.5 O.D. x .039 copper nickel tubing	.06c	"	"
840 ft.	0.5 O.D. x .054 copper nickel tubing	.06c	"	"
330 ft.	¾-in. brass tubing 1.05 x .065	.08c	"	"
440 ft.	1-in. brass tubing 1.315 x .065	.10c	"	"
1370 ft.	1-in. stainless steel tubing 1.310 x .061	.30c	"	"
48 ft.	1-in. stainless steel tubing 1.315 x .120	.30c	"	"
744 ft.	3/8-in. red brass tubing .675 x .065	[illegible]	"	"
116 ft.	3/8-in. yellow brass tubing .675 x .065	.05c	"	"
180 ft.	¼-in. 1 PS standard brass pipe	.05c	"	"
504 ft.	⅛-in. 1 PS standard copper pipe	.05c	"	"
2220 ft.	.840 x .065 brass tubing	.09c	"	"
85 ft.	.840 x .065 soft copper tubing	.09c	"	"
3065 ft.	½-in. brass tubing .540 x .065	.06c	"	"
5505 ft.	.500 x .039 copper tubing (hard)	.06c	"	"
3060 ft.	.500 x .039 copper tubing (soft)	.06c	"	"
1960 ft.	.540 x .065 seamless copper tubing	.06c	"	"

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GEO. ARTHUR & SONS
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ADVANCE CONSTRUCTION REPORTS

January 22, 1946

NOTICE OF SALE

SAN FRANCISCO.—Until January 30, 9 A. M., bids will be received by the Reconstruction Finance Corp., Office of Surplus Property, 30 Van Ness Ave., San Francisco, for the sale of miscellaneous incandescent lamps and storage batteries, located at various northern and southern California point; Sales No. 45137. Specifications available at the above office. • 20

January 22, 1946

BIDS RECEIVED

SAN FRANCISCO.—The following firms submitted bids January 18 to M. H. Gerry, Purchaser of Supplies, 270 City Hall, San Francisco, under Inv. No. 3445 for furnishing and delivering refrigeration supplies for the School Department:

Dunham, Carrigan & Hayden, Tay-Holbrook Co., A. J. Gloesner Co., Henshaw Supply Co., C. W. Marwedel Co. and Linde Air Products. • 20

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Dredging, Harbor Works and Excavation 22
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Sewers and Sewage Disposal Plants 32
Waterworks 33
Parks and Playgrounds 34
Tunnels 35

21— BRIDGES

January 22, 1946

NOTICE

KERN COUNTY, Calif.—A representative of the district office of the State Division of Highways will meet prospective bidders for the proposed project in eKrn County (IX-KER-23-D), for which bids are to be received in Sacramento on February 13, 1946.

Said representative will meet prospective bidders at the junction of Routes 23 and 57 at Freeman Station on Thursday, February 7, 1946, at 11 A. M., and if necessary, appointments can be made at the district office Monday through Friday. 21

22— DREDGING, HARBOR WORKS, EXCAVATION

January 22, 1946

PLANS APPROVED

PORT IMPROVEMENTS

Estimated Cost, $9,350,000

WASHINGTON STATE. Port of Vancouver.

Total of five projects for port improvements as follows:

(1) dredge Vancouver Lake (estimated cost $7,500,000), to make 600 acres available for industry, 1000 acres of slack water for harbor use;
(2) extensions of terminal No. 4, double length of existing cedar piling pier;
(3) expand industrial area controlled bv port (estimated cost $250,000), downstream from terminal No. 2, including 100 acres of river front industrial land with dredging, bring level of land to safe high water height;
(4) reconstruct terminal No. 1 (estimated cost $500,000);
(5) construct warehouse near waterfront (estimated cost $250,000).

Owner—Port of Vancouver, Wash., Joseph Gluck, chairman; Richard D. Murphy, manager.

Architect—Not announced. 22

25—MACHINERY AND EQUIPMENT

January 22, 1946

BIDS WANTED

FRESNO, Fresno Co., Calif.—Until January 24. 10 A. M., bids will be received by the Commission of the City of Fresno, D. E. Roughton, city clerk, City Hall, Fresno, for furnishing one deep well turbine pump and motor of not less than 2100 gallons capacity at a total head of 155 ft. for new station No. 36, to be located at Orange and Church Aves., Fresno. Specifications on file in the office of the city clerk; certified check for 10% to accompany bids. • 25

January 22, 1946

BID OPENED

SAN FRANCISCO. — Edward R. Bacon Co., 17th and Folsom Sts., at $691 each, f.o.b. San Francisco, submitted only bid January 18 to M. H. Gerry, Purchaser of Supplies, 270 City Hall, under Bid No. 3452 for furnishing and delivering two hot material distributors for the Department of Public Works. • 25

29— STREETS AND HIGHWAYS

January 22, 1946

BIDS WANTED

SAN FRANCISCO.—As previously reported, until February 6, 2:30 P. M., bids will be received by the Department of Public Works, Room 282 City Hall, for improvement of 43rd Ave., east half, between Ortega and Pacheco Sts.

Plans and specifications obtainable from the office of City Engineer Ralph Wadsworth, City Hall.

The work involves:

(1) 12,000 sq .ft. asphaltic concrete on rock base pavement, consisting of 6-in. compacted rock sub-base, a 4-in. asphaltic concrete base and a 2-in. asphaltic concrete wearing surface;
(2) 600 lin. ft. unarmored concrete curb;
(3) 40 lin. ft. 8-in. vitrified clay pipe side sewer. • 29

January 22, 1946

BIDS WANTED

OLYMPIA, Wash.—Until February 5, 10 A. M., bids will be received by the director of highways, Clarence B. Shain, Olympia, Wash., for the construction of the following improvements:

1. Constructing three reinforced concrete highway grade separation structures on primary state highway No. 1 in the vicinity of Kelso in Cowlitz County, at Allen St., Brinyon St. and vicinity of Station 571, Federal Aid Projects Nos. UI-32(11), Unit 1, UI-32(12), Unit 4, and FI-32(6), Unit 1, involving about 2025 cu. yds. of concrete class A, 30 cu. yds. of concrete class B, 360 cu. yds. of concrete class F, 867 lin. ft. of reinforced concrete bridge railing, 595,000 lbs. of steel reinforcing bars, 5000 lin. ft. of timber piling (untreated), 8200 lin. ft. of steel piling and other items.

2. Grading and surfacing on 1.866 miles of primary state highways Nos. 1 and 12, Kelso to Rocky Point and Allen St. connection, in Cowlitz County, Federal Aid Projects Nos. UI-32 (11), Unit 2; UI-32(12, Unit 3; FI-32 (6), Unit 1, and UI-167(12), involving about 29.26 acres of clearing, 16.45 acres of grubbing, 399,370 cu. yds. of common excavation, 28,820 cu. yds. of solid rock excavation, 6205 cu. yds. of common trench excavation, 4140 cu. yds. of structure excavation, 6145 cu. yds. of ballast, 4160 cu. yds. of crushed stone surfacing, 590 lin. ft. of cement concrete curb, 335 sq. yds. of cement concrete sidewalk, 179.21 cu. yds. of concrete class A, 4.0 cu. yds. of concrete class B, 70.24 cu. yds. of concrete class C, 28,626 lbs. of steel reinforcing bars, 1130 lin. ft. of beam guard rail, 4692 lin. ft. of culvert pipe and other items.

3. Grading, paving, constructing reinforced concrete retaining walls and constructing a reinforced concrete T-beam bridge over Pacific Coast Railroad Co. tracks on 0.25 mile of primary state highway No. 5, Maple Valley vicinity in King County, Federal Aid Project No. SG-19(3), and state project, involving about 2520 cu. yds. of unclassified excavation, 1231 sq. yds. of cement concrete pavement, 122,320 lbs. of steel reinforcing bars, 12,200 lbs. of pavement reinformcing, 270 cu. yds. of concrete class A, 80 cu. yds. of concrete class B, 269 cu. yds. of concrete class F, 3800 lbs. of structural steel, 438 lin. ft. of culvert pipe and other items.

4. Grading, surfacing and constructing two steel and concrete bridges over the Soleduck River on 1.774 miles of primary state highway No. 9, Sniders Ranger Station east and west, McDougal Creek revision, in Clallam County, Federal Aid Project No. F-170(10), involving about 18.92 acres of clearing, 11.56 acres of grubbing, 112,030 cu. yds. of common excavation, 3500 cu. yds. of solid rock excavation, 7480 cu. yds. of selected roadway borrow, 4110 cu. yds. of crushed stone surfacing, 490 cu. yds. of crushed cover stone, 340 cu. yds. of crushed mineral aggregate, 3230 lin. ft. of culvert pipe, 744 cu. yds. of concrete class A, 446 cu. yds of concrete class F, 366 cu. yds. of concrete class H, 640 lin. ft. of renforced concrete bridge railing, 247,000 lbs. of steel reinforcing bars, 568,000 lbs. of structural steel, 5200 lbs. of cast steel and other items.

Federal funds have been allocated for the above construction.

Unskilled labor employed for all federal projects shall be obtained from lists prepared by agencies designated by the United States Employment Service.

All bid proposals shall be accompanied by a bid proposal deposit in cash, certified check or cashier's check in an amount equal to five per cent (5%) of the amount of such bid proposal. Should the successful bidder fail to enter into such contract and furnish a satisfactory performance bond wthin the time stated in his proposal, the bid proposal deposit shall be forfeited to the State of Washington.

Prequalification of bidders is required. Maps, plans and specifications may be obtained from this office upon written request therefor and payment to the director of highways by cash, certified check, cashier's check or money order the sum of two dollars ($2.00) for each copy of such maps, plans and specifications as a rental for the use of them. Plans will be forward by third class mail.

Informational copies of maps, plans and specifications are on file in the office of the county engineer of the county in which the work is situated, the chapter office of the Associated General Contractors of America at Seattle, Spokane, Tacoma and Portland, and the offices of the district engineers of the Department of Highways where they may be inspected. • 29

January 22, 1946

BIDS WANTED

SAN FRANCISCO.—Until February 6, 2:30 P. M., bids will be received b ythe Department of Public Works, Room 282 City Hall, for the improvement of 43rd Avxe. east ½), between Ortega and Pacheco Sts.

The work involves:

(1) asphaltic concrete on rock sub-base pavement, consisting of a 6-inch compacted rock sub-base, a 4-inch asphaltic concrete base and a 2-inch asphaltic concrete wearing surface;
(2) unarmored concrete curb;
(3) 8-inch vitrified clay pipe side sewers.

Plans and specifications obtainable from the office of City Engineer Ralph Wadsworth, City Hall, upon deposit of $10. • 29

January 22, 1946

BIDS WANTED

LOS ANGELES, Calif.—Until February 21, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, state highway engineer, State Bldg., Los Angeles, for about two and one-tenth miles in length to be graded and paved with asphalt concrete on Terminal Island Freeway, between Henry Ford Ave. and Willow St. (VII-LA-Term. Is.), in the citie sof Los Angeles and Long Beach.

The work involves:

(1) 1200 cu. yds. remove concrete;
(2) 58 acres clear and grubb;
(3) 14,500 cu. yds. roadway excavation;
(4) 23,500 cu. yds. structure excavation;
(5) 4700 cu. yds. ditch and channel excavation;
(6) 144,000 lin. ft. vertical holes sand drains;
(7) 16,500 tons sand backfill sand drains;
(8) 680,000 tons imported borrow;
(9) 72,000 tons imported subgrade material;
(10) 125,500 sq. yds. prepare class C subgrade;
(11) develop water supply and furnish water equipment;
(12) 7200 M gallons apply water;
(13) finish roadway;
(14) 290 tons liquid asphalt RC-2 bituminous surface treatment;
(15) 24,000 sq. yds. prepare, mix and shape surface bituminous surface treatment;
(16) 2 tons liquid asphalt SC-2 prime coat;
(17) 540 tons plant mix surfacing;
(18) 50,500 tons asphaltic concrete;
(19) 132 tons asphaltic emulsion curing seal and seal coat;
(20) 330 cu. yds. portland cement concrete pavement base;
(21) 720 cu. yds. portland cement concrete structures;
(22) 315 tons gravel backfill retaining wall foundations;
(23) 400 lin. ft. rubber waterstops;
(24) 30 sq. yds. membrane waterproofing;
(25) 410 cu. yds. class C portland cement concrete pipe reinforcement;
(26) 2800 cu. yds. portland cement concrete curbs and gutters;
(27) 34,500 lin. ft. chain-link fence;
(28) 15 each walk gates;
(29) 1420 lin. ft. 18-in. reinforced concrete pipe, standard strength;
(30) 2500 lin. ft. 24-in. reinforced concrete pipe, standard strength;
(31) 1320 lin. ft. 30-in. reinforced concrete pipe, standard strength;
(32) 390 lin. ft. 36-in. reinforced concrete pipe, standard strength;
(33) 90 lin. ft. 48-in. reinforced concrete pipe, standard strength;
(34) 180 lin. ft. 54-in. reinforced concrete pipe, standard strength;
(35) 1960 lin. ft. 66-in. reinforced concrete pipe, standard strength;
(36) 5 lin. ft. pipe shaft manholes;
(37) 680 lin. ft. 12-in. plain concrete pipe;
(38) 1980 lin. ft. 15-in. plan concrete pipe;
(39) 90 lin. ft. 6-in. steel pipe conduit;
(40) 3 each adjust manholes to grade;
(41) 50,000 lbs. bar reinforcing steel;
(42) 35,000 lbs. miscellaneous iron and steel;
(43) 145,000 each mesembryanthemum edule cuttings;
(44) electrical equipment;
(45) pump house and pumping equipment. • 29

January 22, 1946

BIDS WANTED

EL DORADO COUNTY, Cal.—Until Feb. 14, 2 P. M., bids will be received by the Public Roads Administration, Chas. C. Morris, Division Engineer, 720 Phelan Building, San Francisco, for construction of 3.142 miles of Project Calif. FH32-K, Placerville-Lake Taboe, El Dorado National Forest, El Dorado County.

Work involves:

(1) 38 acres clear and grubb;
(2) 42,000 c.y. unclass. excav.;
(3) 2100 c.y. do for structure;
(4) 32,000 c.y. do for borrow;
(5) 1,300,000 sta. yd. overhaul;
(6) 143,000 c.y. miles special overhaul of borrow;
(7) 1000 ft. furrow ditches;
(8) 13,960 M. gals. watering;
(9) lump sum for providing and maintaining water plant or plants;
(10) 16,500 tons crushed gravel or crushed stone base course;
(11) 180 tons cutback asphalt;
(12) 600 tons cover aggregate for seal coat;
(13) 11,200 tons plant mixture;
(14) 535 tons asphalt for plant mixture;
(15) 340 c.y. concrete;
(16) 39,900 lbs. reinforcing steel;
(17) 28,500 lbs. structural steel;
(18) 1.1 M. ft. BM untreated timber;
(19) 2296 l.f. CGSM culvert pipe;
(20) 7 c.y. pipe elbows;
(21) 98 l.f. removing, cleaning, and re-laying or stockpiling;
(22) 15 drop inlets;
(23) 15 steel inlet covers;
(24) 2 embankment spillway inlet assemblies;
(25) 150 sq. yds. grouted rubble gutter;
(26) 80 right-of-way monuments;
(27) 4 concrete maintenance market posts;
(28) 27 timber culvert markers;
(29) 156 guide posts.

Plans and specifications obtainable from the above office upon deposit of $10.00, returnable. • • 29

January 22, 1946

BIDS OPENED

SACRAMENTO, Calif.—A. Teichert & Co., P. O. Box 1133, Sacramento, at $11,734, submitted low bid to the City of Sacramento, City Hall, Sacramento, for improvement of 58th St. from M St. to Folsom Blvd.

Work involves:

(1) 1 ft. apricot stump, remove;
(2) 5 apricot trees, remove;
(3) 1 palm tree, removed;
(4) 35 l.f. hedge fence, removed;
(5) 53 sq. ft. conc. sidewalk, remove
(6) 1552 c.y. excav. and grading;
(7) 2 gutter drains Cut No. 11, reset
(8) 1 do, place;
(9) 28 l.f. 8-in. VI sewer pipe;
(10) 4 concrete manholes, reconstruct
(11) 1 do, construct;
(12) 320 l.f. 6-in. VI sewer pipe, place
(13) six 6x6x4-in. Y's to place;
(14) two 2-in. water services, place;
(15) 14 1-inch do;
(16) 2230 l.f. concrete curb and gutter Cut No. 13, construct;
(17) 10,035 sq. ft. 3½-in. concrete sidewalks;
(18) 31,925 sq. ft. 5½-inch asphalt pavement;
(19) 1 street monument.

Total bids were:

(A) A. Teichert & Co., $11,734.
(B) McGillivray Construction Co., $11,784.
(C) J. R. Reeves, $12,468.

Unit prices follow:

	(A)	(B)	(C)
(1)	$15.00	$ 5.00	$15.00
(2)	20.00	40.00	12.50
(3)	50.00	70.00	40.00
(4)	.70	.50	.50
(5)	.30	.10	.10
(6)	.45	.60	.75
(7)	7.00	6.00	7.50
(8)	14.00	15.00	25.00
(9)	1.30	1.50	1.60
(10)	10.00	8.00	15.00
(11)	70.00	60.00	75.00
(12)	1.20	1.40	1.40
(13)	2.50	4.50	5.00
(14)	40.00	46.00	15.00
(15)	20.00	17.00	10.00
(16)	1.05	1.10	1.25
(17)	.18	.17	.175
(18)	.18	.17	.18
(19)	3.00	3.00	6.00

• 29

January 22, 1946

NOTICE

EL DORADO COUNTY, Calif.—A representative of the district office of the State Division of Highways will meet prospective bidders for the proposed project in El Dorado County (III-E.D-11-B), for which bids are to be received in Sacramento on February 13, 1946.

Said representative will meet prospective bidders at Shingle Springs on Friday, February 1, 1946, between 10 A. M. and 2 P. M. 29

January 22, 1946

BIDS WANTED

SACRAMENTO, Calif.—Until Feb. 8, 5 P. M., bids will be received by the City of Sacramento, City Clerk's Office, City Hall for improvement of Alley, Capital Ave., 17th and 18th Streets.

Work involves:

(1) one 1½-ft. tree removed;
(2) 73 l.f. concrete wall, 5-ft. x 12-in. thick, removed;
(3) 244 sq. ft. concrete sidewalk, removed;
(4) 209 c.y excavation;
(5) 3 gutter drains Cut No. 11, place;
(6) 20 l.f. 6-in. sewer pipe, construct;
(7) 1 concrete manhole complete in place;
(8) 16 ⅝-in. x 6 x 20-ft. expansion joint, place;
(9) 120 c.y. Class D conc. pavement.

Specifications obtainable from the above office. • • 29

30—RESERVOIRS & DAMS

January 22, 1946

BIDS WANTED

ALAMOGORDO, N. M.—Until Jan. 25, 2 P. M., bids will be received by the City of Alamogordo, N. M., office of the city clerk, City Hall, Alamogordo, N. M., for the construction of an earth-fill dam and water storage reservoir at Alamogordo. Plans and specifications were prepared by Ashley C. Classen & Associates, consulting engineers, 412 Martin Bldg., El Paso, Texas, and are available from the latter office upon deposit of $20. Certified check or bid bond in the amount of 10% of bid required.

The work involves:

(1) 131 acres clearing and grubbing;
(2) 126,950 cu. yds. embankment;
(3) 5400 cu. yds. channel excavation;
(4) 5760 cu. yds. hand-placed riprap;
(5) 2965 cu. yds. embankment toe drain;
(6) 2720 cu. yds. brank-run gravel blanket on embankment;
(7) 3400 M gallons sprinkling embankment material;
(8) 1100 hours sheep's foot rolling embankment;
(9) 46 cu. yds. class A concrete;
(10) 1675 lin. ft. 21-in. reinforced concrete pipe;
(11) 31,000 lbs. 18-in. cast iron pipe and fittings. • 30

32— SEWERS & SEWAGE DISPOSAL PLANTS

January 22, 1946

BIDS WANTED

SAN FRANCISCO.—As previously reported, until Feb. 8, 11:30 A. M., bids will be received by the Department of Public Works, Room 282, City Hall, for the construction of Scott St. sewer system, Sections BC and AD, on 17th, Church, 14th, Sanchez and Steiner Streets, between Treat Ave. and Waller Street.

Plans and specifications may be obtained from the office of City Engineer Ralph Wadsworth, City Hall, upon deposit of $10.00.

Work involves:

PROPOSITION BC

Covering Section BC Only

(1) lump sum, junction structure in Treat Ave. at 17th St.;
(2) 726 l.f. 9-ft. x 7-ft. 3-in. reinf. concrete sewer on piles;
(3) lump sum, taper structure at 17th and Shotwell Sts.;
(4) 974 l.f. 6-ft. 6-in. reinf. concrete sewer on piles;
(5) lump sum, taper structure at 17th and Mission Sts.;
(6) 587 l.f. 5-ft. 9-in. diam. reinf. concrete sewer on piles;
(7) 1,948 l.f. 5-ft. 9-in. reinf. conc. sewer;
(8) lump sum, taper structure at 17th and Church Streets;
(9) 54 l.f. 18-in. VCP sewer;
(10) 115 l.f. 15-inch do;
(11) 112 l.f. 12-inch do;
(12) 50 l.f. 10-in. VCP culvert;
(13) 2 each catchbasin trap;
(14) 17 each manhole on coc. sewer;
(15) 6 each manhole on brick sewer;
(16) 8 each manhole on VCP sewer;
(17) 1425 l.f. 12-in. VCP sub-drain;
(18) 1,425 l.f. 10-inch do;
(19) 1,425 l.f. 8-inch do;
(20) 1,100 tons rock fill;
(21) 51,000 l.f. timber piles;
(22) alterations to sewer in Treat Ave., 16th to 18th Sts.;
(23) 3 each altering 14-inch gate valve setting (AWS system);
(24) 1,290 l.f. 14- and 16-in. pipe line shifting, altering and realigning (AWS system);
(25) 640 l.f. 12-inch do;
(26) altering 8-in. hydrant lines (A W S system);
(27) 3,160 lbs. pig lead (do);
(28) 4,900 lbs. wrought iron bolts. nuts and washers (do);
(29 7,880 lbs. cast iron specials castings (do);
(30) 4,760 lbs. cast steel specials castings (do);
(31) 515 lbs. cast iron valve boxes (AWS system);
(32) 14 c.y. concrete structures (do);
(33) traffic routing work;

PROSPOSITION AD

Covering Prop. AD Only

(1) 1,825 l.f. 7-in. diam. reinforced concrete sewer;
(2) 70 l.f. 2-ft. 6-in. x 3-ft. 9-inch reinforced concrete sewer;
(3) 45 l.f. 2x3-ft. do;
(4) connection to existing 7-ft. diam. sewer;
(5) 60 l.f. 27-in. centrif. spun reinf. concrete pipe sewer;
(6) abandoning exist. 3x5-ft. brick sewer;
(7) taper structure at 14th and Church Streets;
(8) 1,814 l.f. 5-ft. 9-in. diam. reinf. concrete sewer;
(9) storm overflow structure at Waller and Steiner Streets;
(10) 45 l.f. 21-in. VCP sewer;
(11) 57 l.f. 18-inch VCP sewer;
(12) 232 l.f. 12-inch VCP sewer;
(13) 7 each 12x6-in. Y-branch;
(14) 573 l.f. 10-in. VCP culvert;
(15) 48 l.f. 6-in. VCP side sewer;
(16) 2 each catchbasin;
(17) 25 each catchbasin trap;
(18) 21 each manhole on conc. sewer;
(19) 11 each manhole on VCP sewer;
(20) 1,260 l.f. 12-in. VCP sub-drain;
(21) 1,260 l.f. 10-in, VCP sub-drain;
(22) 1,260 l.f. 8-in. VCP sub-drain;
(23) 900 tons rock fill;
(24) alterations to weir at 14th and Dolores Sts.;
(25) 65,000 sq. ft. pavement excavation in track rea;
(26) 6,400 l.f. track removal;
(27) 1,400 c.y. excav. below pave.;
(28) 1,700 c.y. crushed rock ballast furnish and deliver);
(29) 4,200 l.f. track construction;
(30) 150 each thermit weld joints;
(31) standard crossover;
(32) double track branch-off at Market Street;
(33) do at 16th Street;
(34) 80 c.y. trenches for conduits and drains (track work);
(35) 50 l.f. 6-in. VCP drains (do);
(36) 100 l.f. 4-in. VCP drains (do);
(37) 120 each arc welded copper bonds;
(38) 2,000 l.f. copper bond wire at special work;
(39) 200 l.f. 1-in. galv. pipe conduit;
(40) 66,000 sq. ft. asph. conc. wearing surface on concrete base;
(41) 80 tons asph. concrete-conform pavement;
(42) 4,800 sq. ft. concrete base conform pavement;
(43) traffic routing work.

PROPOSITION BC, AD

Covering Section BC and Section AD

(1) junction structure in Treat Ave. at 17th St.;
(2) 726 lin. ft. 9-ft. x 7-ft. 3-in. reinforced concrete sewer on piles;
(3) taper structure at 17th and Shotwell Sts.;
(4) 974 lin. ft. 6-ft. 6-in. reinforced concrete sewer on piles;
(5) taper structure at 17th and Mission Sts.;
(6) 587 lin. ft. 5-ft. 9-in. diameter reinforced concrete sewer on piles;
(7) 3761 lin. ft. 5-ft. 9-in. diameter reinforced concrete sewer;
(8) taper structure at 17th and Church Sts.;
(9) 1825 lin. ft. 7-ft. diameter reinforced concrete sewer;
(10) 70 lin. ft. 2-ft. 6-in. x 3-ft. 9-in. reinforced concrete sewer;
(11) 45 lin. ft. 2-ft. x 3-ft. reinforced concrete sewer;
(12) connection to existing 7-ft. diameter sewer;
(13) 60 lin. ft. 27-in. centrifugally spun reinforced concrete pipe sewer;
(14) abandoning existing 3-ft. x 5-ft. brick sewer;
(15) taper structure at 14th and Church Sts.;
(16) storm overflow structure at Waller and Steiner Sts.;
(17) 45 lin. ft. 21-in. vitrified clay pipe sewer;
(18) 111 lin. ft. 18-in. vitrified clay pipe sewer;
(19) 115 lin. ft. 15-in. vitrified clay pipe sewer;
(20) 344 lin. ft. 12-in. vitrified clay pipe sewer;
(21) 7 each 12-in. x 6-in. Y branches;
(22) 623 lin. ft. 10-in. vitrified clay pipe culvert;
(23) 48 lin. ft. 6-in. vitrified clay pipe side sewer;
(24) 2 each catchbasins;
(25) 27 each catchbasin traps;
(26) 38 ech manholes on concrete sewer;
(27) 6 each manholes on brick sewer;
(28) 19 each manholes on vitrified clay pipe sewer;
(29) 2685 lin. ft. 12-in. vitrified clay pipe subdrain;
(30) 2685 lin. ft. 10-in. vitrified clay pipe subdrain;
(31) 2685 lin. ft. 8-in. vitrified clay pipe subdrain;
(32) 2000 tons rock fill;
(33) 51,000 lin. ft. timber piles;
(34) alterations to sewer in Treat Ave., 16th to 18th Sts.;
(35) alterations to weir at 14th and Dolores Sts.;
(36) 3 each altering 14-in. gate valve setting (A.W.S. system);
(37) 1290 lin. ft. 14-in. and 16-in. pipeline shifting, altering and realigning (A.W.S. system);
(38) 640 lin. ft. 12-in. pipeline, shifting, altering and realigning (A. W.S. system);
(39) altering 8-in. hydrant lines (A. W.S. system);
(40) 3160 lbs. pig lead (A.W.S. system);
(41) 4900 lbs. wrought iron bolts, nuts and washers (A.W.S. system);
(42) 788 lbs. cast iron specials castings (A.W.S. system);
(43) 4760 lbs. cast steel special castings (A.W.S. system);
(44) 515 lbs. cast iron valve boxes (A. W.S. system);
(45) 14 cu. yds. concrete structures (A.W.S. system);
(46) 65,000 sq. ft. pavement excavation in track area;
(47) 6400 lin. ft. track removal;
(48) 1400 cu. yds. excavation below pavement;
(49) 1700 cu. yds. crushed rock ballast (furnishing and delivering);
(50) 4200 lin. ft. track construction;
(51) 150 joint thermit weld joints;
(52) standard crossover;
(53) double track branch-off at Market St.;
(54) double track branch-off at Sixteenth St.;
(55) 80 cu. yds. trenches for conduits and drains (track work);
(56) 50 lin. ft. 6-in. vitrified clay pipe drains (track work);
(57) 100 lin. ft. 4-in. vitrified clay pipe drains (track work);
(58) 120 each arc welded copper bonds;
(59) 2000 lin. ft. copper bond wire at special work;
(60) 200 lin. ft. 1-in. galvanized pipe conduit;
(61) 66,000 sq. ft. asphaltic concrete wearing surface on concrete base;
(62) 80 tons asphaltic concrete conform pavement;
(63) 4800 sq. ft. concrete base conform pavement;
(64) traffic routing work. • 32

January 22, 1946

CONTRACT AWARDED

SANTA BARBARA, Calif.—A. C. Dinsmore and J. L. McCoy, 909 Carpenteria, Santa Barbara, at $33,940, awarded contract by the Board of Supervisors of Santa Barbara County, Courthouse, Santa Barbara, for the construction of a sewage disposal plant at the Santa Barbara County General Hospital, located on San Antonio Rd., about eight miles north of Santa Barbara. Bids were received January 14. 32

January 22, 1946

BIDS OPENED

FORT MacARTHUR, Calif.—Bebek & Brkich, 238 W. Florence Ave., Los Angeles, at $12,693, submitted the low bid to the U. S. District Engineer Office, 751 S. Figueroa St., Los Angeles, January 17, for the construction of additional sewage facilities for personnel center at Fort MacArthur; Serial 144.

The total bids submitted were:

Bebeck & Brkich, $12,693.
M. F. Kemper Construction Co., $12,968.40.
P. & J. Artukovich, $14,003.
R. A. Wattson Co., $14,825.90.
Shipyard Construction Co., $19,970.
H. B. Nicholson, $26,614.
Hoagland-Findley Engineering Co., $27,571. 32

January 22, 1946

CONTRACT AWARDED

PITTSBURG, Contra Costa County Calif.—Pacific Pipe line Constr. Co., 2128 San Pablo Ave., El Cerrito, at $23,955 awarded contract by the city of Pittsburg, Frank R. Taormina, City Clerk, City Hall, Pittsburg, for construction of addition to the filtration plant of the Municipal Water Plant. • • 32

January 22, 1946

CONTEMPLATED

FRESNO, Fresno Co., Calif.—The Commission of the City of Fresno, City Hall, 2326 Fresno St., Fresno, has passed a resolution setting 9 A. M., January 31, as the date and place for hearing objections on Resolution of Intention No. 158-D for the sewering of High Addition Blocks 5, 6, 7 and 8, of Clinton Terrace, Frisbie Tract, Weldon Terrace, etc., City of Fresno. The work involves installation of 8-in. and 6-in. sewer pipe, 18 masonry manholes with cast iron frames and covers, and construction of 4-in. on 8-in. and 4-in. on 6-in. Y branches. Plans are on file in the office of the city clerk, City Hall, Fresno. 32

33—WATERWORKS

January 22, 1946

BIDS WANTED

LARAMIE, Wyo. — Until January 29, 11 A. M., bids will be received by the City Council of the City of Laramie, Wyo., office of the city clerk, City Hall, Laramie, Wyo., for the construction of improvements to the water supply system at Laramie; estimated cost, $750,000. Plans and specifications were prepared by R. J. Tipton & Associates, 602 Insurance Bldg., Denver, Colo. Check or bid bond in the amount of 5% of bid required.

The work involves:

(1) 108,000 cu. yds. pipe and structural excavation;
(2) 94,000 cu. yds. of pipe backfill;
(3) 100,000 lin. ft. of either 20-in. pre-stressed or modified pre-stressed concrete pipe, or
(4) 100,000 lin. ft. of 20-in. welded steel pipe, or
(5) 100,000 lin. ft. 20-in. asbestos cement pressure pipe;
(6) 8600 lin. ft. of either 36-in. reinforced concrete pipe, or
(7) 8600 lin. ft. 36-in. welded steel pipe, or
(8) 8600 lin. ft. of 36-in. asbestos cement pressure pipe;
(9) 1180 lin. ft. 20-in. class C-150 cast iron pipe;
(10) 125 lin. ft. 16-in. same;
(11) 285 lin. ft. 12-in. same;
(12) 380 lin. ft. 8-in. same;
(13) 290 lin. ft. 4-in. same;
(14) concrete intake structure;
(15) concrete air valve wells;
(16) blow off wells and sectionalizing valve wells. 33

January 22, 1946

BONDS APPROVED

TORRANCE, Los Angeles Co., Cal. —Voters of Municipal Water District No. 1, Torrance, January 15 approved the sale of bonds in the amount of $150,000 to be used to finance the establishment of a new water district and construction of a water works system. The work in general will consist of the construction and acquisition of a water supply main extending along Pacific Coast Highway from the water main of the Metropolitan Water District at Walnut St. and Pacific Coast Highway to approximately the west line of lot 8, Meadow Park Tract; the acquisition of an existing water distribution system known as the Quandt system, and the reconstruction of certain distribution lines thereof, the acquisition and construction of additional water distribution mains and the acquisition and construction along the water distribution lines of fire hydrants, meters and appurtenant work. 33

Machinery & Material

LOS ANGELES CITY

LOS ANGELES, Calif.—Until January 24, 11 A. M., bids will be received by A. J. Holm, Los Angeles city purchasing agent, 107 City Hall, Los Angeles, for fabricating, cutting, bending and delivering 85,000 lbs. of reinforcing steel to the Bureau of Maintenance and Sanitation, f.o.b. municipal asphalt plant No. 1, 2484 E. Olympic Blvd., Los Angeles, sizes, lengths, bar markings and shapes of steel to be furnished may be obtained at the above address; Schedule No. 4822.

RECLAMATION BUREAU

DENVER, Colo.—Until January 25, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver 2, Colo., for furnishing 1250 tons treble (approximately 45% AVP) superphosphate fertilizer in 100-lb. bags, f.o.b. shipping point and/ or Yuma, Ariz.

Specifications obtainable from the above office. • 20

DENVER, Colo. — Until February 25, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Denver, Colo., under Spec. No. 1155 for furnishing and delivering radio telephone apparatus and miscellaneous accessory apparatus for installation at Grand Coulee Dam, Columbia Basin Project, Washington, f.o.b. shipping point and/or Almira, Wash. All of the apparatus will be installed by the government.

Specifications obtainable from the above office at no charge to prospective bidders, to others, $0.75, not returnable.

DENVER, Colo.—Until January 30, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver, Colo., under Inv. No. D-33,263-A for furnishing 72,000 bbls. modified portland cement in paper sacks for delivering (a) f.o.b. shipping point, (b) f.o.b. Redding, Calif., (c) f.o.b. Coram, Calif. It will be assumed that 36,000 bbls. will be delivered at Redding ,Calif., and 36,000 bbls. at Coram, Calif.

Specifications obtainable from the above office. •

WANTED
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★
USED EQUIPMENT AND MATERIALS

FOR SALE

NEW & RECONDITIONED DIMENSION LUMBER

TIMBERS, wallboards, plumbing, pipe, millwork, and other building materials. SALE PRICES. Large stocks of "hard to get" items.
Wire, write, or 'phone
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70-ft. STEEL TOWER, 28 M gal. REDWOOD TANK and two 66-in. x 24-ft. x ⅜-in. STEEL PRESSURE TANKS to be sold as one unit. Located in San Francisco. Must be removed at once. Sacrifice. Write, 'phone or wire for information.
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1/21-22-23-24-25/46

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(1/22-23-24-25-28/46)

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5-yd. DUMP TRUCKS for hire. All late model, fully maintained. Call HEmlock 1669.
1/16-17-18-21-22/46

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Just what you need for your CONSTRUCTION OFFICE
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ADVANCE SALES, INC.
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When the electric wiring is carefully planned for your home, you can plug-in all your clocks and radios and lamps and appliances to outlets conveniently placed. Circuits and wire size are ample to prevent dipping of lights or voltage drop. An Adequate Wiring job is one of the lowest cost items in any home and should not be neglected.

If you were to assemble all the electric servants you now employ in your home, it would make quite a large crew. You have acquired them from year to year and they have helped you run your home with modern convenience and comfort. Soon now, you will be buying and using many new and needed electrical appliances. Can you connect them up to your present wiring system? Will you have to resort to double and triple plugs or long make-shift cords? And most important, will all these appliances receive full voltage? Plan ahead in 1946 for better living, electrically. Modernize your present home with Adequate Wiring. And for the new home you may be planning to build, check wiring specifications room by room to make certain nothing has been skimped or omitted.

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PACIFIC GAS AND ELECTRIC COMPANY
106W-146

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS

Building Permits, $1,000 and Over, Applied For

SAN FRANCISCO COUNTY

1-STORY FRAME RESIDENCE
E. 45TH AVE. 50 S. PACHECO.
Owner and Builder—R. F. Galli, 377 West Portal Ave.
Architect—Not Given. $5,300
(Application No 85435)

ALTER APARTMENTS
2440 FULTON STREET.
Owner—Mrs. Cooper, premises.
Builder—Fred Johnson, 329 Lowell St.
Architect—Not Given. $4,000
(Application No 85425)

ALTER RESIDENCE
1 GABILAN WAY.
Owner—Wm. M. Malone, premises.
Builder — Newsom & Bechtel, 5760 Shellmound, Emeryville.
Architect—Not Given. $3,500
(Application No 85431)

1-STORY FRAME RESIDENCES (2)
SW. DELANO 37 SE. SEMINOLE AVE.; SW. DELANO and SEMINOLE AVE.
Owners and Builders—F. C. Frank and E. Vignati, 4645 Mission St.
Architect—Not Given. $3,300 each
(Application Nos 85415-16)

ALTER OFFICE and WAREHOUSE
1244 LARKIN STREET.
Owner—Monogram Co., 3264 Mission.
Builder — Empire Construction Co., Ltd., 344 Harriet St.
Architect—Not Given. $2,500
(Application No 85412)

ALTER MANUFACTURING PLANT
218 FREMONT STREET.
Owner—National Welding Equipment Co., premises.
Builder—F. A. Stead, 1991 Central, Berkeley.
Plans by E. A. Rosberg, 1920 Addison, Berkeley. $1,500
(Application No 85409)

ALTER STORE
1137 McALLISTER STREET.
Owner—Ben Ginsburg, premises.
Builder — Empire Construction Co., Ltd., 344 Harriet St.
Architect—Not Given. $1,500
(Application No 85411)

ALTER DWELLING
2630 15TH AVENUE.
Owner—John G. Wallachburger, 1734 Broderick St.
Builder—Leonard Solomon, 1734 Broderick St.
Architect—Not Given. $1,290
(Application No 85430)

ALTER DWELLING
240 BOWDOIN STREET.
Owner—Nazarene Church, premises.
Builder—Day Work.
Architect—Not Given. $1,000
(Application No 85413)

ALTER ELECTRIC SHOP
363 FELL STREET.
Owner—Alec McCabe, premises.
Builder—Day Work.
Architect—Not Given. $1,000
(Application No 85399)

Building Permits, $1,000 and Under, Applied For

SAN FRANCISCO COUNTY

ALTER FLATS, $850; 845 Treat Ave; owner, G Gusman, 225 Acacia; builder, Joe Perez, 56 Mirabel.

ALTER RESIDENCE, $800; 345-349 Pacific St; owners and builders, D Eldred and R Clark, 345 Pacific St.

ALTER TAVERN, $750; SE Stockton and Union Sts; owner, Paul's Tavern, prem; builder, S A Guisti & Co, 200 Green St.

1-STORY STORAGE SHED, $500; SE Lara 320 NE Niagara Ave; owners and builders, F C Frank and E Vignati, 4645 Mission St.

ALTER SHOP, $500; 1421 E Egbert St; owner, Leona Hunter, prem; day work.

ALTER DWELLING, $500; 7046 Geary Blvd; owner, V Froloff, prem; builder, Coast Construction Co, 2172 Market St.

ALTER FLATS, $500; 669 Shrader St; owner, E W Mills, prem; builder, Coast Construction Co, 2172 Market St.

ALTER STORE, $450; 716 Grant Ave; owner, Hung Fat, prem; builder, Larry P Lee, 1104 Stockton St.

ALTER GARAGE, $400; 900 Sansome St; owner, Foppiani Motor Co, prem; builder, S A Guisti & Co, 200 Green St.

ALTER RESIDENCE, $400; 1355 27th Ave; owner, Carl G Smith, prem; day work.

ALTER FOUNTAIN, $400; 1356 42nd Ave; owner, Peter Finelli, prem; builder, Chet Dollase, 1579 42nd Ave.

ALTER BARBER SHOP, $300; 755 Jackson St; owner, Chung Chow, prem; builder, Larry P Lee, 1104 Stockton St.

ALTER DWELLING, $300; 869 Chenery St; owner, Robt Frazee, prem; day work.

ALTER RESIDENCE, $300; 522 Melrose Ave; owner, D L Morgan, prem; builder, Central Home Builders, 1120 Irving St.

ALTER HOME, $300; 447 29th St; owner and builder, John H McCarty, prem.

ALTER DWELLING, $250; 53 Granada; owner, L A Smith, prem; day work.

ALTER RESIDENCE, $250; 439 Bowdoin St; owner and builder, L C Caddell, prem.

ALTER FLATS, $250; 1763-1765 Geary St; owner, Mr Sala, 1734 Broderick; builder, Leonard Solomon, 1734 Broderick.

ALTER WIRE FACTORY, $200; 1301 Gough; owner and builder, Claude R Conger, 250 Page St.

ALTER COFFEE SHOP, $200; 235 Ellis St; owner, M Zorich, prem; builder, F A Ohm, 537 El Camino Real, Lomita Park.

BILLBOARDS (2), S Irving 95 W 39th Ave, $90; Golden Gate Ave and Buchanan, $45; owner and builder, Foster & Kleiser, 1675 Eddy St.

BILLBOARDS (4), $20 each; S Taraval 57 E 30th; W 3rd St between Paul and Salinas; Oakdale 100 W Quint; N Monterey 150 E Detroit; owner and builder, West Coast Advertising Co, 1235 Van Ness Ave.

Building Permits, $1,000 and Over, Applied For

ALAMEDA COUNTY

DWELLING, 7-ROOM
16 ROSLYN COURT, BERKELEY.
Owner and Builder—Ed Seidel, 4925 Telegraph Ave.
Plans by E Jasper Winnie. $14,000

DWELLING, 5-ROOM
1636 CHANNING AVE, BERKELEY.
Owner and Builder—M B Gross, 1939 Cedar Street.
Architect—Not Given. $5,000

DWELLING
1223 HENRY ST, BERKELEY.
Owner and Builder—H P Murphy, 1231 Henry.
Plans by S Skidmore. $5,000

DWELLINGS, THREE 5-ROOM
1349, 1351 CHANNING, 1308 Kains, BERKELEY.
Owner and Builder—J M Walker, 1631-D University Ave.
Architect—Paul Hammarberg, No 2 Norwood Avenue. $5,000 each

DEMOLITION
2325 MILVIA, BERKELEY.
Owner—Berkeley Board of Education, 1414 Walnut.
Contractor—Jos D Ballinger, 1905 Cypress Street.
Architect—Not Given. $4,645

ALTERATIONS
88 PARNASSUS, BERKELEY.
Owner—R A Stewart, premises.
Contractor—Willis Foster, 33 Beverly Place.
Architect—Howard Moise, 71 Panoramic Way, Berkeley. $2,950

ALTERATIONS
3030 TELEGRAPH Ave, BERKELEY
Owner—Wm Farris, premises.
Contractor—Berkeley Renovating Co 2144 San Pablo Ave.
Plans by Robt Dalton. $2,400

ADDITION
1626 CHESTNUT ST, BERKELEY.
Owner and Builder—Wm Maki, 1616 Chestnut.
Architect—Not Given. $1,000

ALTERATIONS
3034 BENVENUE, BERKELEY.
Owner and Contractor—A P Doyle, 3034 Benvenue.
Architect—Not Given. $1,000

DWELLING, 2-story 12-room
457 MERRITT AVE, OAKLAND.
Owner—Henri Wu, 375 MacArthur.
Contractor—H C Jensen, 3906 Oakmore Road.
Architect—Not Given. $32,000

STORE BLDG, 1-story concrete
3250 LAKESHORE Ave, OAKLAND.
Owner—J O Edy, premises.
Contractor—Willis F Lynn, 1040 Folger Ave, Berkeley.
Architects—Miller & Warnecke, Financial Center Bldg. $30,000

ADDITION, 1-STORY
95 MARKET ST, OAKLAND.
Owner—Howard Teminals, premises.
Contractor—H C Jensen, 3906 Oakmore Road.
Architects—Reed & Corlett, Bank of America Bldg. $12,000

STORE BLDG, 1-STORY
3918 FOOTHILL Blvd, OAKLAND.
Owner—Bill Smith, 3509 Redwood Boulevard.
Contractor—Joe Vila, 414 Modoc Ave.
Architect—Not Given. $10,000

GARAGE, 1-STORY CONCRETE
7623 E 14th ST, OAKLAND.
Owner—J J Fernandez, 7607 E 14th Street.
Contractor—Phillip Feuerstein, 1431 79th Avenue.
Architect—Not Given. $10,000

DWELLING, 1-STORY, 5-ROOM
5555 HARBORD DR, OAKLAND.
Owner and Builder—T H Lapham, 546 Kenmore Avenue.
Architect—Not Given. $8,000

SHOP, 1-STORY CONCRETE
5297 COLLEGE AVE, OAKLAND.
Owner—W P Gilbert, 5301 College.
Contractor—J J Grodem, 1615 Fernwood Drive.
Engineer—R J Cooley, 959 33rd St. $6,000

ADDITION to dwelling
1929 35th AVE, OAKLAND.
Owner and Builder—Ben Kroska, premises
Architect—Not Given. $4,000

DWELLINGS, three 1-story 5-room
1006-08 90th AVE, 973 72nd AVENUE OAKLAND.
Owner & Builder—J M Walker, 1631D University Ave, Berkeley.
Architect—Not Given. $4,000 each

ALTERATIONS and Addition
1819 7th AVE, OAKLAND.
Owner—Edw T Taylor Jr, 409 Johnson St, Modesto
Contractor—John Thompson, 4045 E 12th Street.
Architect—Not Given. $2,000

GARAGE, CONCRETE
1226 MARKET ST, OAKLAND.
Owner—James C Horton, premises.
Contractor—H G Mims, 3245 Idaho St, Berkeley.
Architect—Not Given. $1,500

REPAIRS
7900 HOLLY ST, OAKLAND.
Owner—V La Rocca, 7900 Holly St.
Contractor—C J Heinemann and Son, 9626 Walnut St.
Architect—Not Given. $1,000

PERMITS UNDER $1,000

ALAMEDA COUNTY

OAKLAND

ADDITION, $950; 3968 Delmont Ave; owner and builder, M D Warren, 3968 Delmont Ave.

ADDITION, $925; 1454 84th Avenue; owner and builder, David Weir-Smith, 1454 84th Ave.

ADDITION, $800; 779 Pine Street; owner and builder, Jos Jenkins.

ALTER and repair, $694; 1701 12th Ave; owner, H Kurita, prem; contractor, Manuel Griffin, 2432 Myrtle Street.

ADDITION, $600; 3337 64th Avenue Place; owner and builder, Harold E Jones, premises.

GARAGE, 1-story, $550; 238 Wistar Rd; owner and builder, R L Burnham, 238 Wistar Road.

ALTER, $500; 4079 E 18th St; owner and contractor, John and Lydia Octavia, 4060 E 18th St.

ALTER, $400; 1240 104th Ave; owner and contractor, Frank Corso, 6005 East 14th St.

ADDITION, $400; 3811 MacArthur Blvd; owner, Lee Dougan, 3830 E 14th St; contractor, Sam Lipshetz, 601 63rd St.

REPAIRS, $400; 4114 39th Ave; owner, D S Robinson, prem; contractor, A J Pearson, 2031 Fruitvale Ave.

GARAGE, 1-story, $400; 416 Worth St; owner and builder, H G Mackey, 416 Worth St.

GARAGE, $300; 1632 20th Avenue; owner and builder, Frank Corso, 6005 E 14th St.

ALTER, $300; 1231 Center Street; owner and contractor, A J Lichtig, 1231 Center St.

ALTER and repairs, $210; 1524 Market St; owner, Lee & Wafer, prem; contractor, E L McAllister, 980 36th Street.

SIGN, electric, $200; 8201 MacArthur Blvd; owner, Signal Oil Co, prem; contractor, Elec Prod Corp, 950 30th Street.

SIGN, electric, $200; 9629 San Leandro St; owner, Signal Oil Co, 9629 San Leandro; contractor, Electric Prod Corp, 950 30th St.

SIGN, electric, $200; 721 Washington St; owner, Sonoma Wine and Liquor Store, premises; contractor, General Neon Lite Co, 911-A 53rd Avenue.

ALTER, $150; 809 Myrtle Street; owner and builder, R M Watson, 809 Myrtle St

SIGN, electric, $100; 517 40th Street; owner, R N Stone, prem; contractor, American Neon Display, Inc, 1051 19th Ave.

ALTER and repairs, $100; 9940 East 14th St; owner and contractor, C W Bethel, premises.

REPAIRS, $90; 1230 38th Ave; owner and builder, A L Peterson, prem.

BILLBOARDS, four, SW Cor San Leandro and 42nd Ave (2) $50 ea; NW Cor 8th and Magnolia Sts, $25; SE Cor San Leandro St and 52nd Ave, $25; owner and contractor, Special Site Sign Co, 3225 Louise.

SIGN, wood, $20; 1377 MacArthur Blvd; owner and contractor, Florence Black, premises.

BERKELEY

ALTERATIONS, $600; 640 Colusa; owner, R F Homold, 640 Colusa; builder, H C Orth & Co, 1821 Addison.

ALTERATIONS, $550; 2134 Grove; owner, City of Berkeley, 2134 Grove; builder, Western Asbestos, Latham Squire Bldg., Oakland.

ROOF, $500; 2511 Channing; owner, A Koriaza, 2511 Channing; builder, Evertite Roofing, 2309 Milvia.

ROOF, $427; 2145 Ward; owner, J R MacCross, 2145 Ward; builder, Evertite Roofing, 2309 Milvia.

GARAGE, $400; 1611 Hopkins; owner, Dr M G Parker, 2042 Dwight Way; builder, Frank A Stone, 1991 Center; plans by E O Rasberg.

ROOF, $400; 2214 Bancroft; owner, Frank Gallaher, 2214 Bancroft; builder, John T Morris, 2015 Blake.

ROOF, $387; 1633 Josephine; owner, G M McNaughton, 1633 Josephine; builder, John T Morris, 2015 Blake.

REPAIRS, $385; 1919 Addison; owner, Mary C Mattas, 1919 Addison; builder, L Da Valle, 1919 Addison.

ALTERATIONS, $350; 2367 Telegraph; owner, L Blake, lessee, 2367 Telegraph; builder, Berkeley Renovating Co, 2144 San Pablo.

ADDITION, $300; 1411 Gilman; owner and builder, R M Reynolds, 1411 Gilman.

ROOF, $238; 1812 62nd St; owner, H L Ghelm, 1812 62nd St; builder, Elliott & Elliott, 2109 San Pablo, Oakland.

ROOF, $200; 1843 Dwight; owner, F V De Brutz, 1843 Dwight; builder, American Co, 806 55th St, Oakland.

ROOF, $190; 2244 Acton; owner, J D Shaffer, 2244 Acton; builder, John T Morris, 2015 Blake.

ALTERATIONS, $175; 2146 San Pablo; owner and builder, Berkeley Renovating Co, 2144 San Pablo.

ROOF, $165; 1526 Cedar; owner, Fred R Carter, 1526 Cedar; builder, Sears-Roebuck, 2633 Telegraph.

ROOF, $130; 2612 Alcatraz; owner, P Teal, 2612 Alcatraz; builder, S P Sorenson, 5511 Dover, Oakland.

ROOF, $42.50; 106 The Uplands; owner, M L Briggs, 106 The Uplands; builder, Dillon Roofing Co, 5212 San Pablo, Oakland.

ROOF, $35; 1414 Blake; owner, Booth, 1414 Blake; builder, Dillon Roofing Co, 5212 San Pablo, Oakland.

FRESNO

DWELLING AND GARAGE, $8500; 1415 Adoline; owner, James Riley; builder, H Behlen.

DWELLING AND GARAGE, $7000; 533 W Hedges; owner, Jacquiline Creighton; builder, L B Pipes, 4708 Van Ness.

DWELLING AND GARAG7, $7000; 533 W Hedges; owner, Jacqueline Creighton; builder, L B Pipes, 4708 Van Ness.

ALTER STORE, $7000; 1045 Fulton; owner and builder, Vogue Mademoiselle.

DWELLING, $4000; 350 5Madison; owner, B E Phillips.

ALTER DWELLING, $1500; 2349 Hirk; owner, Wm Winters.

STORAGE SHED, $900; ....; owner, David & Sons: builder, Harris Construction Co.

ADD TO CAFE, $700; 1035 Olive; owner, Chrisman Cafe; builder, Harris Construction Co.

GARAGE, $700; 3644 Mono; owner and builder, Dan Daniels.

REPAIR DWELLING, $600; 3644 Mono; owner, Dan Daniels; builder, H Behlen.

ADD GREASE RACK, $500; 5 Whites Bridge; owner, Frank G Lipari.

ALTER DWELLING, $500; 412 Clinton; owner, Galen McKnight.

SIGNS (3), Swing Club, 1039 Broadway, $200; Fenn Parking Lot, 1100 Broadway, $25; Erny's Drug Store, 1409 Kern, $200; builder, Fresno Neon Sign Co.

BILLBOARDS (2), $120 each; Cherry and Monterey; 730 Van Ness; owner and builder, Foster & Kleiser.

BUILDING CONTRACTS

ALAMEDA COUNTY

ADDITION, 2-story to Hesse Hall.
U C CAMPUS, Berkeley.
Owner—Regents of the University of California.
Architect — Arthur Brown, Jr, 251 Kearny St, San Francisco.
Contractor — John E Branagh, 105 Sheridan Ave, Piedmont.
Filed, Jan 18, 1946. Dated. ....
Monthly payments of..........................75%
Usual 35 days after...........................25%
TOTAL COST, $84,277.00
Bonds (two) $45,000 each. Sureties, Pacific Indemnity Co. Forfeit, $50 per day. Limit, 180 calendar days. Plans and specifications filed.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

HEATING SYSTEM
SPEAR and Mission Sts (Annex B).
Owner—Southern Pacific Company.
Contractor—J Gibbs Sons.
Payments Not Given.
TOTAL COST, $1,685.00
Plans filed January 3, 1946.

Building Permits, $500.00 and Over, Issued by the Board of Public Works

SAN FRANCISCO COUNTY

JANUARY 21, 1946

740 Taraval St; alter garage; cost, $18,000; owner, Corthopassi Bros.

2099 Bryant St; alter dye works; cost, $2600; owner, Maypole Dye Wks.

871 Mission St; alter store and warehouse; cost, $900; owner, Wobber's.

935 Visitacion Ave; alter dwelling; cost, $1200; owner, Mr Lynch.

2570 19th Ave; alter dwelling; cost $3000; owner, J J Mullany.

1830 Taraval St; alter garage; cost $800; owner, Jack Richards.

SW Cor Market and Haight; alter store; cost, $4500; owner, Hotaling Estate.

360 West Portal Ave; alter real estate office; cost, $1250; owner, A F Mori.

4162 24th St; alter dwelling and store; cost, $750; owner, B A Heywood.

45 Ord Court; alter dwelling; cost, $1000; owner, Walter J Ireland.

NW Cor 25th Ave and Geary Blvd; alter store; cost, $1950; owner, N L Woxwou.

2430 27th Ave; alter dwelling; cost, $3000; owner, Talton R Craig.

3532 23rd St; alter dwelling; cost, $1500; owner, D A Lagomarsino.

1145-49½ Mission St, 1155-75 Howard St; alter commercial bldg; cost, $1000; owner, California Bldg Maintenance Co.

130-140 West Portal Avenue; alter store; cost, $10,000; owner, The Owl Drug Co.

2098 Market St; alter store; cost, $2500; owner, J H Wilen.

385 Monterey Blvd; alter flats; cost, $1800; owner, Stanley Borroughs.

NW Cor Reddy St and Thornton; NW Reddy 25, 50, 75, 75 SW Thornton; four 1-story frame dwellings; cost, $6000 each; owner, T Starelli.

S Bryant St 216 W 2nd; Class C building; cost, $10,000; owner, R H Harms.

E San Bruno Ave 124 S Burrows; one-story frame bldg; cost, $4,000; owner, Paul V Crolino.

SW Cor San Bruno and Silver Aves Class C bldg; cost, $1500; owner, Di Salvo and R Riera.

Completion Notices

ALAMEDA COUNTY

Recorded Accepted
Jan 21, 1946—1870 SOLANO AVE, Berkeley. Tirol Co to H S Paddock..........................January 12, 1946
Jan 21, 1946—2901 REVERE AVE. Oakland. Cornelius and Martha Amann to Bevilacqua Bros...........
..........................January 19, 1946
Jan 18, 1946—SHATTUCK Avenue, Berkeley (ticket office). Southern Pacific Co to S Kulchar & Co
..........................January 10, 1946
Jan 18, 1946 — WEST OAKLAND (central power plant). Southern Pacific Co to Aerial Engrg Co....
..........................January 15, 1946
Jan 18, 1946—12934 LAKE CHABOT Road, Hayward. Wilbur D and Evelyn B Locke to whom it may concern..........................January 18, 1946
Jan 19, 1946—LOT 3 Blk 3, Tract 697, Eden Twp. Greenwood Corporation to D D Bohannon Organization..........................January 17, 1946
Jan 19, 1946—73 EIGHTH St, Oakland. Shale and Helene C Ortzow to whom it may concern......
..........................January 11, 1946

SAN MATEO COUNTY

Recorded Accepted
Jan 14, 1946—PTN NEW HIGH School Acres. Roda L Samples to whom it may concern..............
..........................January 11, 1946
Jan 14, 1946—LOTS 35 and 36 Blk 16, Visitacion. Frank C Cummings to whom it may concern..
Jan 14, 1946—LOT 3 Blk 4, Lloyden Dells. Lloyd Griffin, et al to Peninsula Bldg Co..........January 7, 1945
Jan 14, 1946—LOTS 6 and 7 Blk 5, Redwood Villa Park. Henry V Cowan to whom it may concern
..........................January 14, 1946
Jan 14, 1946—LOT 7 Blk 14, Lenolt. Mrs Olin E Cassidy to Harry H Wenlce..........................January 14, 1946
Jan 15, 1946—LOT 9 Blk 1, Edgewood Park. M F Hight, et al to Leonard Reath Co..........Jan 15, 1946
Jan 15, 1946—709 LAUREL Ave, San Mateo. Ray F Eggess, et al to Geo Arthur & Sons..............
..........................January 7, 1946
Jan 15, 1946—PTN LOTS 5 and 6, Glazenwood No 2. Lindell Co to Claude T Lindsay Co..............
..........................January 12, 1946
Jan 15, 1946—PTN LOT 13 Blk 4, Ptn Lot 6 Blk 9, Ptn Lot 27 Blk 15, Oak Park (4). Chris D McKeon to McKeon Constr Co.........
..........................January 9, 1946

MONTEREY COUNTY

Recorded Accepted
Jan 17, 1946—LOT 1 Block East Side Homes Tract, Salinas. A B and Vera G Willoughby, Salinas, to whom it may concern..............
..........................January 17, 1946
Jan 16, 1946—LOT on N side Alisal Road bet Pearl and Hebbron, 55 ft frontage, outside Salinas. Jas T Hunter, Salinas, to Carlsen Bros, Salinas..........January 11, 1946

Liens Filed

SAN FRANCISCO COUNTY

Recorded Amount
Jan 17, 1946—W COSTA and Bay Shore Blvd (labor and material). Carl H Wellnitz and Caesar De Narde, doing business at Wellnitz & De Narde vs Joseph and Paoline Franzella $9,540.13
It was erroneously reported Jan. 18 that the above was a release of lien.

SAN MATEO COUNTY

Recorded Amount
Jan 17, 1946—LOT 1 Blk 3, University Hghts. Jos D Sheedy Drayage Co vs Kenyon Borg............$64.16

Non-Responsibility

SAN FRANCISCO COUNTY

Jan 15, 1946—NW TURK and Jones. Jesse S Marks, Robert and Mildred A Patterson as to improvements on property.

ALAMEDA COUNTY

Jan 18, 1946—316 14th ST, Oakland. Elsa Weber West as to improvements on property.

Furnace Permits

OAKLAND

5207 Desmond; owner, Newman; dealer, Atlas Heating & Ventilating; central furnace.

3303 55th Ave; owner, Johnson; dealer, Atlas Heating & Ventilating; floor furnace.

7119 Greenley Pl; owner, Pulliam; dealer, Finzel; floor furnace.

7201 Greenley Dr; owner, Pulliam; dealer, Finzel; floor furnace.

3661 Loma Vista; owner, Courton; dealer, P H Blake; floor furnace.

1166 Elmhurst; owner, Vannucci; dealer, Geo Campbell; floor furnace.

2628 Humboldt; owner, MacBehl; dealer, E M Mahoney; floor furnace.

7950 Ney Ave; owner, Johnson; dealer, Atlas Heating & Ventilating; central furnace.

2968 Morgan; owner, Arnold; dealer, Atlas Heating & Ventilating; floor furnace.

5240 Clarewood; owner, Galeno; dealer, Atlas Heating & Ventilating; central furnace.

4044 Loma Vista; owner, Doty & Lockwood; dealer, Finzel; floor furnace.

4135 Whittle Ave; owner, J R Pierce; floor furnace.

470 Rich St; owner, Carey; dealer, W A Griffith; floor furnace.

1798 Excelsior Blvd; owner, Pavlidge; dealer, Al Anderson; floor furnace.

736 10th St; owner, Pretti; dealer, Jackson's; floor furnace.

765 59th St; owner, Sharen; dealer, M Friedman; floor furnace.

5601 Hilton; owner, J Neelen; dealer, Gernhardt-Strohmaier; floor furnace.

5958 La Salle; owner, Sexton; dealer, Harer Furnace Co; central furnace.

4614 Virginia; owner, Van Ness; dealer, Harer Furnace Co; floor furnace.

7516 Sunkist; owner, H Pulliam; dealer, Finzel; floor furnace.

Plumbing Permits

BERKELEY

15 2860 Telegraph; owner, Robt J Oaks; dealer, J A Fazio; wash basin; wash tub; drain.

16 263 Acton; owner, J M Walker; dealer, J A Fazio; water closet; wash basin; bath tub; sink; wash tub.

17 3043 Acton; owner, J M Walker; dealer, J A Fazio; water closet; wash basin; bath tub; sink; wash tub.

18 357 Vermont; owner, Spivok; dealer, Max Finzel Plumbing; water closet; wash basin; bath tub; sink; wash tub.

19 2200 Grove; owner, Dr Kohler; dealer. H P Murphy; dental unit.

Electrical Permits

SAN FRANCISCO COUNTY

7749 867 Market St; owner, Hale Bros; contractor, Hampton Electric; 2 motors.

7750 1581 Ellis St; owner, Ellas Leider; contractor, Hamtpon Electric Co; 3 outlets; 2 switches; 3 plugs.

7751 3901 Mission St; owner, Mission Pride Market; contractor, Wonderlite Neon Products Co; sign; 2 transformers.

7752 685 Sacramento St; owner, United China Trading Co; contractor, Wonderlite Neon Products Co; sign; 2 transformers.

7753 1024 Webster St; owner, Harold Scott; contractor, Wonderlite Neon Products Co; sign; 2 transformers.

7754 1411 Polk St; owner, Bing's Cafe; contractor, Wonderlite Neon Products Co; sign; 3 transformers.

7755 3398 Missio nSt; owner, Dennis Zabelle; contractor, Wonderlite Neon Products Co; sign.

7756 1620 Polk St; owner, Jacks & Irvine; contractor, Galon Bros; 3 plugs.

7757 110 Gough St; owner, Empire Heating; contractor, Century Electric; 1 transformer.

7758 337 Geary St; owner, Priest; contractor, Century Electric; service.

7759 706 La Playa; owner, Huber; contractor, Century Electric; alterations.

7760 1715 Webster; owner, Scaggs; contractor, Byington Electric Co; 12 plugs.

7761 1694 Green St; owner, A Esmlol; contractor, G Vaccarino; alterations.

7762 211 Valencia St; owner and contractor, Central Electric; 1 plug.

7763 18th and Connecticut Sts; owner, M McKenna; contractor, Central Electric Co; 9 plugs.

7764 N Beach between Jones and Leavenworth; owner, Standard Oil Co; contractor, Buzzell Electric; 29 outlets; service.

7765 327 Hayes St; owner, M Le Borre; contractor, Chas A Langlais; 5 outlets; 5 switches; 12 plugs.

7766 207 Powell St; owner, TWA; contractor, Pacific Electrical & Mech Co; 25 outlets; 3 switches; 9 plugs.

7767 300 Montgomery St; owner, Capitol Co; contractor, Pacific Electrical & Mech Co; 1 outlet; 1 plug.

7768 140 Geary St; owner, Nicholas Johnston; contractor, Pacific Electrical & Mech Co; 1 plug.

7769 297 Flornoy; owner, Redmond; contractor, Eureka Electric; service.

7770 723 Gates St; owner, ...; contractor, Associated Electrical & Mech Co; service.

7771 65 6th St; owner, Liquors; contractor, John Philla; 1 motor.

7772 2165 San Bruno Ave; owner, Alfredo Di Nola; contractor, John Philia; alterations.

7773 1275 Washington St; owner, Kennedy; contractor, Malm & Welter; 9 plugs.

7774 3210 Folsom St; owner, Britlon; contractor, ...; 2 motors.

7775 657 Howard St; owner, San Francisco News Co; contractor, Malm & Welter; 2 plugs.

7776 819 Ellis St; owner, Allied Textile; contractor, Malm & Welter; 6 plugs.

7777 568 Eddy St; owner, Cook House; contractor, Malm & Welter; 1 sign.

7778 1546 California St; owner, Destagne; contractor, American Electrical & Const; alterations.

7779 1361 Scott St; owner, Grocer; contractor, Enterprise Electric Co; 1 plug; 1 motor.

7780 1195 Oak St; owner, ...; contractor, Enterprise Electric Co; 1 motor.

7781 190 8th St; owner, Bake Shop; contractor, Enterprise Electric; 1 plug.

7782 329 Bryant St; owner, American Marine Paint Co; contractor, Enterprise Electric; 1 motor.

7783 151 Potrero Ave; owner, R N Nason Co; contractor, Enterprise Electric Works; 3 outlets; 1 fixture; 1 motor.

7785 Kansas and Division Sts; owner, National Ice & Cold Storage Co; contractor, Enterprise Electric; 5 motors.

7786 368 Fremont St; owner, Newell-Gutstadt Co; contractor, Enterprice Electric Co; 9 motors.

OAKLAND

34867 1748 7th St; owner, Slim Jenkins Cafe; contractor, Spott Electrical; outlets; alterations.

34868 372 Grand Ave; owner, Rubenstein; contractor, Spott Electrical; outlets; fixtures; plugs; alterations.

34869 NW 3rd and Magnolia; owner, Haslett Warehouse Co; contractor, H S Tittle; 69 outlets; 13 switches; 69 fixtures; 20 plugs.

34870 1847 11th Ave; owner, Van Bokkelen; contractor, Roberts Lighting Fixture Co; fire repairs.

34871 1208 Market; owner, Burns; contractor, T Bushman; 1 motor.

34872 6732 Mokelumne; owner, Hopatry; contractor, Flagler Electric; alterations.

34873 767 Pine; owner, Mt Moriah Church; contractor, T C Moody; 13 outlets; 4 switches; 13 fixtures; service.

34874 2301 Courtland; owner, Machielli; contractor, Piedmont Electric Co; 4 plugs.

34875 SW 14th and Washington Sts; owner, Owl Drug Co; contractor, College Avenue Electric Shop; sign.

34876 3616-18 Fruitvale Ave; owner, Calder; contractor, Clifford Electric Co; outlets; switches; fixtures; plugs.

34877 2 Sonia St; owner, Groden; contractor, Scott-Buttner Electric; outlets; switches; fixtures; plugs.

34878 SE 14th and Alice Sts; owner, Van Bokkelen; contractor, Scott-Buttner Electric; outlets; switches; fixtures; plugs.

34879 2024 MacArthur; owner, Coleman; contractor, J B Coleman; sign.

34880 911A 53rd Ave; owner, General Neon Lite Co; contractor, C A Langlais; 3 outlets; 5 switches; 6 plugs.

34881 2501-03 Grande Vista; owner, Smith; contractor, James Anderson; outlets; switches; fixtures; plugs; saw motor.

34882 3rd and Jackson Sts; owner, Ring Tramrall System, Inc; contractor, T L Rosenberg Co; alterations.

34883 SE 29th and E 14th St; owner, Dave France Co; contractor, T L Rosenberg Co; service.

34884 NE 17th and San Pablo; owner, Downtown Merchants' Assn; contractor, T L Rosenberg; service.

34885 3737 San Leandro Blvd; owner, Eureka Mill; contractor, T L Rosenberg; alterations.

34886 1724 Franklin St; owner, Warren; contractor, T L Rosenberg; 1 motor.

34887 2033 83rd Ave; owner, McConnell; contractor, Broadmoor Electric; 11 outlets; 10 switches; 14 plugs.

34888 3474 Loma Vista; owner, Jones; contractor, Broadmoor Electric; 8 outlets; 10 switches; 16 plugs.

34889 6243 Foothill Blvd; owner, Tompson Bros; contractor, Broadmoor Electric; 1 outlets; 1 switch.

34890 40th and Piedmont Ave; owner, American Trust Co; contractor, Matson Electrical Equipment Co; alterations.

34891 1421 67th St; owner, Rose; contractor, Matson Electrical Equipment Co; alterations.

34892 1917 San Pablo Ave; owner, Friedman; contractor, T Bushman; 5 plugs.

34893 1436 12th St; owner, Berry; contractor, T Bushman; service.

34894 6123 La Salle; owner, Leekins; contractor, Johnston Electric; outlets; switches; fixtures; plugs; saw motors.

34895 SW 19th and Harrison Sts; owner, Van Bokkelen; contractor, Roberts Lighting Fixture Co; 20 outlets.

34896 1636 11th Ave; owner, Dohnert; contractor, A L Rolsri; 6 outlets; 6 switches; 6 fixtures; 6 plugs.

34897 10132 Edes; owner, Spivock; contractor, Paramount Electric Co; outlets; switches; fixtures; plugs.

34898 9412 Golf Links Rd; owner, Spivock; contractor, Paramount Electric Co; outlets; switches; fixtures; plugs.

34899 NE 19th and Union St; owner, American Brass & Copper Co; contractor, California Electric Co; alterations.

34900 SE Broadway and MacArthur; owner, Williams; contractor, California Electric Co; 5 outlets; 5 switches; fixtures.

34901 4500 E 14th St; owner, Superior Tire; contratcor, California Electric Co; motors.

34902 1020 Webster St; owner, Fredotovich; contractor, California Electric Co; outlets; switches; fixtures; plugs.

34903 SW 26th and Chestnut Sts; owner, Golden State Co; contractor, California Electric Co; fixtures.

34904 1226 78th Ave; owner, Wisheropp; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

34905 2730 Park Blvd; owner, Hearty; contractor, Johnston Electric Co; saw motor.

34906 1011 39th Ave; owner, Johanson; contractor, Johnston Electric; outlets; switches; fixtures; plugs; alterations.

34907 5433 Grove St; owner, Millitello; contractor, Clifford Electric Co; outlets; switches; fixtures; plugs.

34908 3244 Foothill Blvd; owner, Egan; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

34909 1502 Trestle Glen Rd; owner, Young; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

34910 3501 San Pablo Ave; owner, Crillo; contractor, Western Neon Corp; sign.

34911 7314 MacArthur Blvd; owner, Edys; contractor, Western Neon Corp; sign.

34912 3401 Maple St; owner, Rose; contractor, Matson Electrical Equipment; alterations.

34913 6017 E 14th St; owner, Diemons; contractor, Collins Electric Co; outlets; fixtures.

34914 N Foothill Blvd 200 N of MacArthur; owner, Del Judice; contractor, Collins Electric Co; outlets; switches; fixtures; plugs; saw motor.

BERKELEY

56 3243 Sacramento; owner, B Taylor; contractor, Pacific Electrical & Mech; 1 switch.

57 University and West; owner and contractor, Foster & Kleiser Co; sign.

58 111 Alvarado Rd; owner, L Hanscom; contratcor, Gardner; 1 outlet; 3 fixtures; 9 plugs.

59 1920 Second; owner, M A Pixley; contractor, Scott-Buttner; motor; heater.

60 901 Gilman; owner, Trailmobile; contractor, T L Rosenberg; 1 motor.

61 2309 Parker; owner, M Tomelty; contractor, Brooks Electric; 8 outlets; 6 switches; 8 plugs.

62 2510 Prince; owner, M O Winter; contractor, Havens & Wode; 6 outlets; 7 switches; 6 fixtures; 4 plugs.

63 2220 Haste; owner, E Bergen; contractor, Scott-Buttner; 6 outlets; 6 switches; 2 fixtures; 6 plugs.

64 810 Carlton; owner, Colgate-Palm Olive; contractor, Scott-Buttner; 681 outlets; 87 switches; 226 plugs; 146 circuits.

65 864 Ensenada; owner and contractor, K W Harper; 4 outlets; 3 switches; 3 plugs.

66 1435 Fourth; owner, Berkeley Tool & Die; contractor, Pacific Electrical & Mech; 92 outlets; 8 switches; 33 plugs; 27 circuits.

67 2965 San Pablo; owner, Wilshire Oil; contractor, Electrical Products Corp; 1 sign; 2 transformers.

68 2703 California; owner, C M E Church; contractor, Clifford Electric; 9 fixtures.

69 2434 Warring; owner, Louis Bartlett; contractor, White Electric; 6 outlets; 4 switches; 2 fixtures; 3 plugs; 1 circuit.

70 2860 Telegraph Ave; owner, Dr Oakes; contractor, B C White; 7 outlets; 10 switches; 12 plugs; 6 circuits.

71 2070 Addison; owner, Paul T Swedberg; contractor, White Electric; 81 outlets; 32 switches; 37 plugs; 1 motor; 33 circuits.

72 2924 Russell; owner, H T Dodge; contractor, White Electric; 4 outlets; 1 switch; 4 fixtures; 15 plugs; 4 circuits.

73 2709 Shattuck; owner, ...; contractor, White Electric; 1 motor.

74 1170A Arch; owner, ...; contractor, Rochester Electric; 5 fixtures.

75 2016 Berkeley Way; owner and contractor, R Upthegrove; 7 outlets; 1 switch; 1 fixture; 5 plugs.

76 2151 Vine; owner, ...; contractor, Rochester Electric; heater.

77 2600 Shattuck; owner, L A Misl; contractor, Rochester Electric; 9 outlets; 3 switches; 56 fixtures; new service; 3 motors; 3 ranges.

78 2699 Shasta Rd; owner, E O Bowman; contractor, Rochester Electric; 11 fixtures.

79 68 Tamalpais Rd; owner, Mark Sherer; contractor, Rochester Electric; 2 outlets; 2 switches; 2 fixtures; 4 plugs.

80 642 Virginia; owner, Pure Carbonic; contractor, Bradshaw Electric; 12 outlets; 12 fixtures; 9 motors.

81 1532 Shattuck; owner, ...; contractor, Bradshaw Electric; 7 outlets; 5 switches; 7 fixtures; 7 plugs; new service; 6 circuits.

82 San Pablo and Burnett; owner and contractor, Foster & Kleiser; 1 sign.

Classified Advertising

WANTED

ARCHITECTURAL DRAFTSMAN wanted. A-1 man. Working drawings and details. General work, schools and public buildings. Long Job. Write details and salary expected. F. T. Georgeson, P. O. Box 55, Eureka, Calif. Phone Eureka 394. (to 2/4/46)

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PAINTING ESTIMATOR, preferably one with experience or background adaptable to this line of work. Reply Box 118, c/o Daily Pacific Builder. 1/18-21-22-23-24/46

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POSITION WANTED

Experienced ARCHITECTURAL DRAFTSMAN wants part-time work. Expd. in making sketches, floor plans, working drawings, details, etc., for residential, commercial or industrial work. Reply Box 121, c/o Daily Pacific Builder. 1/21-1/25, '46

EMPLOYMENT SERVICE

For further information regarding positions listed under this classification address Newton D. Cook, Manager, Engineering Societies' Personnel Service, 57 Post St., San Francisco.

ASST. ENGR., for estimates and progress reports on construction job. Sal. $400-450 month plus expenses; 12 months contract. Also one draftsman for computing and mapping. Guam. S-505. Newton D. Cook, 57 Post St., San Francisco.

SALES ENGR., 28-35 yrs. old, with some selling exper. to head dept. for mfrs. agent. Salary and bonus; Hdq. San Francisco. S-508. Newton D. Cook, 57 Post St., San Francisco.

ARCHTL. DESIGNER, exper. on industrial work. Salary $400-450 mo. San Francisco. S-471. Newton D. Cook, 57 Post St., San Francisco.

ARCHTL. and MECHL. DRAFTSMAN, for commercial bldgs. Perm. Salary open. Oakland. S-478. Newton D. Cook, 57 Post St., S. F.

CIVIL ENGRG. DRAFTSMAN, experienced on sanitary and misc. engineering structures. Perm. Salary about $300 month. East Bay. S-501. Newton D. Cook, 57 Post St., S. F.

CHIEF OF PARTY, pref. registered engineer for subdivision work. Sal. open. Peninsula. S-502. Newton D. Cook, 57 Post St., San Francisco.

ENGINEER, with exper. in charge of constr. plans and estimates. Temp. Salary $140 week. Also first class omputor. Salary open. Perm. Calif. S-500. Newton D. Cook, 57 Post St., San Francisco.

ELEC. ESTIMATOR, exper. on construction, to figure, layout, purchase, etc., for contractor. Sal. about $400 month. East Bay. S-509. Newton D. Cook, 57 Post St., San Francisco.

DRAFTSMAN, exper. detailer on structl. steel and plate work, machinery. Salary $350 month, 48-hour week. San Francisco. S-499. Newton D. Cook, 57 Post St., S. F.

CONSTR. ENGRS., one with meat packing plant, and one with dairy products plant exper., for national company. Salary open. Apply by letter. Hdq. San Francisco. S-479. Newton D. Cook, 57 Post St., S. F.

MECHL. DRAFTSMAN, exper. on conveyor layout and details. Salary $300-$350 month. San Francisco. S-487. Newton D. Cook, 57 Post Street, San Francisco.

BLDG. ESTIMATOR, w/exper., to prepare complete bids. Sal. $600 mo. Also one structural designer. Salary open. San Francisco. S-524. Newton D. Cook, 57 Post St., San Francisco.

PRODUCTION SUPT. or Asst., with exper. in making rock wool. Good salary and bonus for right man. Apply by letter. East Bay. S-493. Newton D. Cook, 57 Post St., S. F.

INDUSTRIAL ENGR., exper. on time studies and incentive systems, for assignment in heavy industry. Salary up to $600 month. Bay Area. S-522. Newton D. Cook, 57 Post St., San Francisco.

MECHL. DESIGNER, with at least 5 years' exper., for development. Perm. Salary $300 month to start. Northern Calif. S-475. Newton D. Cook, 57 Post St., San Francisco.

ARCHT. DRAFTSMAN, with some practical exper. Perm. Salary $300 month. San Francisco. S-472. Newton D. Cook, 57 Post St., S. F.

ELECTRICAL ENGR., 30-40, pref. graduate with construction exper., for inspection work. Perm. Salary about $450 month. Bay Area. S-517. Newton D. Cook, 57 Post St., S. F.

STRUCTL. DESIGNER, exper. on bldgs.; also 1 each, archtl. and struct. draftsmen. Salary open. Oakland. S-516. Newton D. Cook, 57 Post St., San Francisco.

COMPUTOR, exper. on subdivision work. Salary open. Perm. Peninsula. S-500. Newton D. Sook, 57 Post St., San Francisco.

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Fifty-sixth Year—Vol. 56—No. 16 | SAN FRANCISCO, WEDNESDAY, JANUARY 23, 1946 | PRICE 15 CENTS PER COPY

PLANS and Speculations

A $201,000 business property development was announced recently for SAN LEANDRO by Wayne Valley and William Lincoln of the Vallin Homes, Inc., 1901 Foothill Blvd., San Leandro. Building will get underway just as soon as rezoning can be accomplished and materials obtained. The new shopping center is to be located on the westerly side of MacArthur Blvd., between Estudillo and Joaquin Avenues. The improvement will provide quarters for from 11 to 14 neighborhood business establishments.

oOo

Brick work for the new Carmichael Community Church in SACRAMENTO COUNTY will be started soon. The complete project will cost approx. $55,000. The four-acre plot eventually will have a Greek theatre, swimming pool, and tennis courts. Architect for the building is Nicholas Tomich of Sacramento.

oOo

General city improvements, costing approx. $2,000,000 to be financed half by a city bond issue and half by special assessments are proposed in a plan for five years of city betterment, which Mayor Harry E. Stewart is presenting to the city council. Mayor Stewart added items totaling approximately $110,000 to his previous program. The new items are: ditch fencing, $75,000; road equipment, $9000; ditch improvements, $15,000; police cars and motorcycles, $10,000. In addition to the new items, the mayor has proposed the following city improvements:

Plans for a Reno memorial building	$25,000
Site for memorial building, the block east of the federal building and south of the Truckee river being recommended by the mayor	125,000
Fire Dept. drill ground	50,000
Fire tower	18,000
Fire control building	17,000
Two new fire houses on 1 lot	81,000
Exten. of fire alarm system	140,000
Reconstruction paving in business district	80,000
Storm drain, south side	306,000
Storm drain, north side	200,000
Sewer, south side from electric light bridge to Wells Avenue	95,000
One-half of new sewage disposal plant, south side	300,000
Wall along portions of Truckee river	62,000
Curbs and gutters	130,000
New city jail	110,000
Bridge from end of West 2nd Street to Idlewild Park	75,000
New fire wagon on order	15,000
Four waste disposal trucks on order	32,000

oOo

The State Department of Public Works has announced that the Highway Commission has allocated funds to SOLANO, MONTEREY, and ORANGE Counties for highway improvements. . . In Solano County, $84,106 was provided for grading, paving and structures between Midway and 1.3 miles north of Dixon on U. S. Highway 40. . . . An additional $55,00 was allocated to Monterey County for grading and paving between two miles south of Salinas and Salinas. . . Orange County was apportioned $80,000 to provide additional funds for grading, paving and structures between Dana Point and Doheny Park on U. S. Highway 101.

oOo

OPA Establishes Ceiling For Gas, Electirc Stoves

New gas and electric cooking stoves, which now are beginning to reach retail stores, have been placed under dollar-and-cent ceilings at 1942 levels, the Office of Price Administration said today.

Both types of stoves will be available in two sizes—the Standard Range and the Apartment Size Cooker.

The OPA dollar-and-cent prices vary widely, just as stove prices did before the war. However, a typical price for a standard electric range is $189, and for an apartment size electric stove, $157. A typical price for a gas stove is $75 for a small size and $95 for the standard range.

Manufacturers are required to pre-ticket each stove with its OPA retail ceiling price. Since each price includes the installation service charge and the Federal tax, it represents the total cost of the stove to the consumer.

With each electric stove, a one-year guarantee of satisfactory performance must be given. Such guarantees also were given with each electric stove sold before the war, OPA said. About 80 per cent of all gas and electric cooking stoves expected on the market this year have been given prices, OPA said. As soon as the remaining companies make their applications, they will be given dollar-and-cent ceilings.

World Trade Institute Will Begin Tomorrow

Increasing interest of Bav Area businessmen in world commerce has found expression in a concentrated series of lectures and panel discussions on World Trade, meeting in the San Francisco center of University of California Extension, 540 Powell Street, beginning with registration tomorrow at 8:45 a. m. The institute will continue until Saturday noon and is sponsored by the San Francisco Bay Area World Trade Promotion Committee.

The addresses and discussions will be aimed, primarily, at answering the questions of those business establishments and individuals who desire to expand their foreign business contacts or who wish to engage in foreign trade for the first time.

Topics for tomorrow's discussion will include "Direct Exporting", "Indirect Types of Export Outlets", and "Creating Export Sales." Speakers and panel leaders have been chosen on the basis of their wide experience in various phases of world trade.

V

F. B. PECKHAM APPOINTED TO U. S. PLYWOOD CORP. POST

Appointment of Maj. F. B. Peckham as the United States Plywood Corporation's architectural representative was announced today by S. W. Antoville, Director of Sales.

Major Peckham, just relieved from active duty in the Army Air Force, is also a veteran of World War I. His new duties will be to provide information and advice on plywood and its uses—both technical and general—to architects, builders and designers.

An employee of U. S. Plywood from 1933 to 1942, when he enlisted in the Army, Peckham was the Corporation's distributor for the states of Connecticut, Vermont and western Massachusetts from 1938 to 1942. Prior to his career with U.S.P. he was with the Audiffren Refrigerating Machine Co., 1928-1933, in Washington state.

V

1-WATT FLUORESCENT GLOW LAMP ANNOUNCED BY WESTINGHOUSE

Designed for use in any ordinary lamp socket or base plug, a new 1-watt fluorescent glow lamp with green or white phosphor is announced by the Westinghouse Electric Corporation.

The new walnut-size lamp is equipped with either a medium screw base or a prong type of base. The green lamp, especially effective at night because a dark adapted eye is highly sensitive to these rays, is recommended for hallways or bathrooms, or as a safety light at the head of stairs or in dark closets. The white lamp, which produces les light than the green, was developed primarily for bedroom night light service.

Tests indicate that the lamp will operate for at least a year, burning night and day.

Further information on the one-watt glow lamp may be secured from the Lamp Division, Westinghouse Electric Corp., Bloomfield, New Jersey.

CPA Adds Clay Sewer Pipe To Essential List

The Civilian Production Administration has classed vitrified clay sewer pipe as a product whose full production is essential to the reconversion program, and has so certified it to the Office of Economic Stabilization.

This action means that the Office of Economic Stabilization will study all factors affecting production in the industry, and particularly will consider the effect of ceiling prices and wage rates on employment, with the intent of affording such relief as may be justified and is in line with the stabilization policies.

Although less than two per cent (16,000 short tons) of the estimated 1946 use requirements is for direct installation in housing, a great volume of the contemplated residential construction in new developments may not be possible unless clay sewer pipe is available for public sewer mains. An estimated 53 per cent, or 429,000 tons, of the total 1946 supply requirements is for sewers and storm drainage systems.

Total use requirements of clay sewer pipe for 1946 is estimated at 1,174,000 short tons, based on a calculation of 7.5 billion dollars worth of construction activity in the year, including approximately 500,000 new dwelling units.

Against this demand, production may approximate 1,085,000 tons for the year, a deficite of 89,000 tons.

Capacity of the industry and materaials are available for production sufficient to fill in full the demand involved in a $7,500,000,000 building program. Machinery and equipment of most plants is in good repair, and in the few instances where producers have experienced difficulty in obtaining necessary equipment the Civilian Production Administration has given assistance in expediting procurment of the machinery.

Lack of manpower is the great impediment to full production, manfacturers have informed the Civilian Production Administration. Starting wages for common labor vary between 45 cents and 75 cents an hour. Some price and wage increases have been granted recently, but producers estimate that further wage inrceases, ranging from eight to 20 per cent, depending on the region involved, are required inorder to recruit and hold labor.

Of the 75 plants in the industry, 64 are operating at between 25 and 90 per cent of capacity, because of lack of labor; the other 11 are closed down.

V

DENVER BUILDERS HOLD ANNUAL ELECTION

At the annual meeting of the Denver Association of Home Builders, January 8, the following officers were elected: J. C. Gamble, president; Ray W. Odell, chairman of the board; Herbert A. Writer, vice president, and Marcus C. Bogue, secretary-treasurer. L. V. Martin, Don Vestal, rFank Burns, T. A. Hutchinson and Walter Harris were elected directors. At the same meeting, J. C. Gamble and R. W. Odell were elected to serve as directors of the national association.

BUREAU OPENS NEW OFFICE IN CHICO

Headquarters for the newly-created Sacramento Valley District of Region II of the U. S. Bureau of Reclamation was opened in Chico Monday, January 21, it was stated by James K. Carr, today, whose appointment as District Engineer was announced recently by Richard L. Boke, Regional Director.

The offices are located in the Waterland-Breslauer Building. Chico is the headquarters for the district which embraces all of the Sacramento River drainage basin down to the drainage basins of American River on the east and Cache Creek on the west.

Carr will be administratively responsible to the Regional Director for all Bureau of Reclamation activities in the District which includes Shasta Dam, in operation since 1944, and the Orland Project, in operation since 1909.

The Bureau's plans for full development in the Sacramento District include proposed storage dams and irrigation works now being studied for the Bear, Yuba, and Feather Rivers. Investigations also are under way on the feasibility of the so-called Tributary Plan proposed as an alternative to construction of Table Mountain or Iron Canyon dams on the Sacramento River. The small streams in the alternate plan are tributary to the Sacramento River in Shasta and Tehama Counties.

V

How To Get Your 1946 Auto Tab

How to register your automobile for 1946 and get the license tab for the plate on the rear of your car before the renewal period closes February 4, was outlined today by the California State Automobile Association.

The small yellow metal tab bears the numeral "46" and is to be bolted over the "45" on your present license plate.

The State Department of Motor Vehicles is issuing tabs at offices throughout the state and the California State Automobile Association in renewing registration for its 135,000 members at all its 34 offices.

Total fees to be paid (same as in last three years) are shown in the lower left corner of the 1945 registration card after the words "Total Fees, 1946". This card (the white slip) must be presented as application for registration renewal and the address it bears should be corrected by applicant if there is any change. Car owners whose registration card is lost or illegible must apply for a duplicate, paying a State fee of 50 cents.

The ownership certificate as well as the registration card must be presented, together with a transfer fee of $1, if the legal owner is being released or if there is a transfer of ownership.

Failure to apply for renewal of registration before expiration of the period, at midnight February 4, is penalized by doubling the registration fee, making it $6 instead of $3, and adding 50 per cent to the amount of the vehicle license fee.

Deadline Set for Holders of CPA Certificates Covering Expansion

Holders of Necessity Certificates covering expanded facilities in the war program who wish to file statements of correct descriptions or costs of their emergency facilities must do so before April 15, 1946, the Civilian Production Administration announced today.

The deadline was set in an amendment to regulations governing the issuance of Necessity Certificates under Section 124 (f) of the Internal Revenue Code. In a notice sent to all who received Necessity Certificates covering plants or expansions determined to be essential in the interest of national defense, the Civilian Production Administration said that final cost statements must be received before April 15, 1946.

Those contractors who still wish to apply for Non-Necessity Certificates must do so before Feb. 15, 1946, the Civilian Production Administration also announced. This action was taken by an Executive Order signed January 14, 1946, by President Truman

Necessity Certificates are documents issued by the War Production Board, predecessor of the Civilian Production Administration, and earlier by the War and Navy Departments, declaring a privately-financed plant expansion or new facility essential for national defense. Holders of the certificates are permitted to deduct varying proportions of the cost from their income tax returns.

A five-year amortization period was provided, but contractors could apply for amortization over a shorter period under certain circumstances if the need for the certified facilities in the defense program terminated during the emergency period. A presidential proclamation last September 29, ending the emergency period with respect to Section 124, gave contractors an automatic option of writing off such costs for tax purposes in a shorter time without filing applications for Non-Necessity Certificates.

Although the notices were sent to all contractors to whom Necessity Certificates had been issued there are probably relatively few that need take any further action. They have until April 15 to submit final costs if they can, or their best revised estimates of costs, according to the letter sent by the Tax Amortization Branch of the CPA, which said in part:

"Where emergency facilities were certified on an estimated basis and where, after the completion of an expansion a taxpayer finds that the description or cost of any facility appearing in the Necessity Certificate materially varies from the actual description or cost of the facility, a statement may be filed with this office setting forth the correct description or cost.

"Where a taxpayer does not know the final cost of an emergency facility in time to permit filing prior to the terminal date, we will consider a statement from him of the latest available revised estimate of cost if received in this office prior to the terminal date."

The amendment to CPA (WPB) regulations governing the issuance of Necessity Certificates under Section 124 (f) of the Internal Revenue Code adds at the end of Section 5 (c) of the regulations the following paragraph:

"The certifying authority shall not act upon any statment setting forth the correct description or cost of the emergency facility actually constructed, reconstructed, erected, installed or acquired, unless such statement has been filed with the certifying authority prior to April 15, 1946."

The text of the Executive Order setting the terminal date for filing of applications for Non-Necessity Certificates follows:

"By virtue of the authority vested in me by Section 124 (d) of the Internal Revenue Code, Executive Order No. 9487 of Sept. 30, 1944, entitled 'Regulations Governing the Issuance of Non-Necessity Certificates under Section 124 (d) of the Internal Revenue Code', is amended by adding the following at the end thereof:

"'7. **Terminal Date for Filing Application.** A non-necessity certificate shall be issued only if application therefore is filed in conformity with the provisions of these regulations (as amended by Executive Order No. 9638 of Oct. 4, 1945) prior to Feb. 15, 1946.'"

V

CANCELLATION

The duration examinations for Assistant Harbor Engineer, and Harbor Engineering Aid announced on the bulletins issued Sept. 15, 1945, and Oct. 19, 1945, have been cancelled.

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DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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4— FACTORIES AND WAREHOUSES

January 23, 1946

TO ASK BIDS
PUMPING PLANT, ETC.
OLYMPIA, Wash. McAllister Springs 9 miles east of Olympia.
Construction of pumping plant, reservoir, small dam, water mains, incl. (1) three 3000-gpm pumps, and one 2000-gpm pump, each of the 4 with max. dynamic head of 310-ft.; (2) 2,000,000-gal. reinf. concrete reservoir, oval shape, approx. 150x202, 15-ft. deep, not covered, within mile of springs; (3) reinf. conc. dam of approx. 300-ft. crest length, height not yet determined, built around the springs; (4) 36- to 42-in. pipe line, 1 mile of which will be pressure pipe and 7 miles gravity pipe feeding into existing reservoir at Olympia.
Owner—City of Olympia, B. F. Hume, City Clerk, Olympia City Hall.
Consulting Engineer—Jas. W. Carey & Associates, Alaska Trade Bldg., Seattle.

Bids will be called about Feb. 15. Bids for pumps only now being received until Jan. 29, 2 P. M. • • 4

7—FEDERAL BUILDINGS

January 23, 1946

BIDS WANTED

BELLINGHAM, Wash.—Until Feb. 6, 2:00 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Bldgs. Admin., 838 U. S. Appraiser's Bldg., San Francisco, for repairs to elevator motor in the U. S. Postoffice and Courthouse Building at Bellingham, Wash.

Plans and specifications obtainable from the above office of the district engineer. • • 7

January 23, 1946

BIDS WANTED

SACRAMENTO, Calif.—Until Feb. 6, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Bldgs. Admin., 838 U. S. Appraiser's Bldg., San Francisco, for construction of new directory board in the old Post Office building at Sacramento.

Plans and specifications obtainable from the above office of the district engineer. • • 7

January 23, 1946

BIDS WANTED

SAN DIEGO, Calif.—Until Feb. 25, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior painting and misc. repairs to the U. S. Postoffice building at San Diego.

Plans and specifications obtainable from the above office of the district engineer. • • 7

January 23, 1946

BIDS OPENED

CLAREMONT, Los Angeles County, Calif.—Gayton Engrg. Co., Huntington Park, at $1590 submitted low bid January 21 to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting, U. S. Post Office at Claremont.

Other bidders were:
Heggermeir & Minick, Los Angeles, $2,225.
Van Deale and Van Deale, Montebello, $2,298.
Dan Sullivan, Santa Monica, $2,360.
R. A. Newman, McMinville, Ore., $2,719.
Risk-Sutton, $2,757.50.
Marvin Johnson, Pomona, $3,400.
• • 7

January 23, 1946

BIDS OPENED

LAS VEGAS, Nevada.—R. A. Newman, McMinnville, Oregon, at $6,122 submitted low bid to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting at U. S. Post Office and Court House, Las Vegas.

Other bidders were:
F. W. Sharpe, Las Vegas, $9,505.
Dan Sullivan, Santa Monica, $9,800.
Grohne, Inc., Decatur, Ill., $16,389.
• • 7

January 23, 1946

PLANS BEING FIGURED—
BIDS OPEN FEB. 4, 3 P. M.
CANDY FACTORY
SAN FRANCISCO. Ocean Ave. bet. 19th Ave. and Juniper.
Construction of two-story and basement reinf. concrete candy factory (50x80-ft.)
Owner—Douglas Shaw.
Architect—Arthur D. Janssen, Austin Ave. and Patricia Drive, Atherton.

Following contractors will be furnished with plans and specifications:
De Luca & Son, 1745 Filbert St., San Francisco.
Barrett & Hilp, 918 Harrison St., San Francisco.
Monson Brothers, 475 Sixth Street, San Francisco.
Transwestern Constr. Co., 1402 Front St., Sacramento.
Erbentraut & Summers ,446 Sixth St., San Francisco.
G. W. Williams Co., 10 California Drive, Burlingame. • • 4

January 23, 1946

BIDS OPENED

PASADENA, Los Angeles Co., Cal.—Klaas Bros., 2012 Hyperion Ave., Los Angeles, at $9444, submitted low bid January 22 to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for exterior and interior painting at U. S. Post Office, Pasadena.

Other bidders were:
Gayton Engineering Co., $9764.
Dan Sullivan, $9800.
R. A. Newman, $10,708.
William Gelfin, $13,442.
C. H. Williams, $14,265.
Hegemeir & Minnick, $14,500.
Risk-Sutton Co., $16,984.50.
William B. Soule, $18,700. • 7

9— HOSPITALS

January 23, 1946

PREPARING PRELIMINARY PLANS
HOSPITAL AND BARRACKS Cost, $2,8000,000
YOUNTVILLE, Napa County, Calif.
Construction of hospital and barracks.
Owner—State Division of Architecture, Anson Boyd, state architect,
Plans by owner. 9

January 23, 1946

PREPARING PRELIMINARY PLANS
HOSPITAL BLDGS. Cost, $8,900,000
NAPA, Napa County, Calif.
Construction of hospital buildings, including kitchen and commissary.
Owner—State Division of Architecture, Anson Boyd, state architect, Public Works Bldg., Sacramento.
Plans by owner. 9

January 23, 1946

PREPARING PRELIMINARY PLANS
STATE HOSPITAL BUILDINGS Cost, $1,585,000
UKIAH, Mendocino County, Calif.
Construction of state mental hospital buildings, including kitchen, commissary and ward buildings.
Owner—State Division of Architecture, Anson Boyd, state architect, Public Works Bldg., Sacramento.
Plans by owner.

January 23, 1946

PREPARING PRELIMINARY PLANS
STATE HOSPITAL Cost, $2,600,000
STOCKTON, San Joaquin Co., Calif.
Construction of state hospital buildings, including wards, auditorium and institution buildings.
Owner—State Division of Architecture, Anson Boyd, state architect, Public Works Bldg., Sacramento.
Plans by owner. 9

10— HOTELS

January 23, 1946

NOTICE

LOS ANGELES COUNTY, Calif.—A representative of the bridge department of the Division of Highways will meet prospective bidders for the proposed project in Los Angeles County on Terminal Island Freeway, VII-L.A-Terminal Island, for which bids are to be received in Los Angeles on February 14, 1946.

Said representative will meet prospective bidders on Anaheim St. at east end of existing overhead on Thursday, January 24, 1046, at 10 A. M.

January 23, 1946

NOTICE

SAN DIEGO COUNTY, Calif.—A representative of the birdge department of the Division of Highways will meet prospective bidders for the proposad project in San Diego County at Richmond St. in San Diego, XI-S.D-77-S.D, for which bids are to be received in Los Angeles on February 14, 1946.

Said representative will meet prospective bidders in the City of San Diego at Tenth and Ash Sts. on Thursday, January 24, 1946, at 10 A. M.

January 23, 1946

PREPARING PLANS
REMODEL HOTEL
SAN FRANCISCO. Sir Francis Drake Hotel, 450 Powell St.
Interior and exterior remodeling of the 21st floor for cocktail room.
Owner—Sir Francis Drake Hotel.
Plans by Thomas Meret, c/o Walter M. Ballard Corp., Hobart Bldg., San Francisco.

Working drawings are now being prepared. • 10

13— PUBLIC BLDGS. FIRE HOUSES, JAILS

January 23, 1946

FUNDS ALLOTTED

SANTA BARBARA, Calif. — The Federal Works Agency, Bureau of Community Facilities, Box 772, 2223 Fulton St., Berkeley, has allotted $12,000 for the preparation of plans for the construction of a 2-story and basement reinforced concrete annex to the City Hall at Santa Barbara. The building will provide approximately 40,000 sq. ft. of floor space and cost an estimated $400,000. 13

January 23, 1946

BIDS OPENED
AIRPORT BUILDING
NAPA, Napa County, Calif. Napa County Airport, five miles south of Napa.
Construction of temporary administration building.
Owner—County of Napa, R. A. Dollarhide, county clerk, Courthouse, Napa.
Architect—Russell Guerne de Lappe, Hotel Claremont, Berkeley.
Low Bidder—J. A. Bryant, 1815 Capitol St., Vallejo, $11,567.47.

Patrick N. Sofarelli, San Francisco, at $13,873, submitted the only other bid.

Bids are being held under advisement until the next meeting of the board on February 12, 10 A. M. • 13

January 23, 1946

BIDS OPENED

SAN FRANCISCO.—J. W. Bender Roofing Co., 1999 Bryant St., at $1988, submitted low bid to the Public Utilities Commission, City Hall, under Municipal Railroad Contract No. 245 for roofing work.

Alta Roofing Co., at $2177, submitted the only other bid. • 13

January 23, 1946

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the Public Utilities Commissnoi ,Room 287 City Hall, under Municipal Railway Contract No. 243 for installing electric feeders and switchboards in 24th St. garage.

Specifications obtainable from the cashier's office, 6th floor, 425 Mason St., upon deposit of $10.

Severin Electric, $3958.
Manning & Whitaker, $3488.
Abbett Electric, $3458.
Schell & Sievers, $3789.
George Breyer, $3263.
Armstrong Electric, $3947. • 13

15— SCHOOLS

January 23, 1946

PREPARING PRELIMINARY PLANS
STATE COLLEGE BUILDINGS Cost, $3,466,000
SAN FRANCISCO, Calif.
Construction of San Francisco State College buildings.
Owner—State Division of Architecture, Anson Boyd, state architect, Public Works Bldg., Sacramento.
Plans by owner. 15

January 23, 1946

PREPARING PRELIMINARY PLANS
COLLEGE BLDGS. Cost, $163,000
ARCATA, Humboldt County, Calif.
Construction of college buildings.
Owner—State Division of Architecture, Anson Boyd, state architect, Public Works Bldg., Sacramento.
Plans by owner. 15

January 23, 1946

PREPARING PRELIMINARY PLANS
SCHOOL FOR BLIND Cost, $127,000
BERKELEY, Alameda County, Calif.
Construction of school for the blind, including kindergarten, library and dormitory addition.
Owner—State Division of Architecture, Anson Boyd, state architect, Public Works Bldg., Sacramento.
Plans by owner. 15

January 23, 1946

PREPARING PRELIMINARY PLANS
SCHOOL BUILDINGS Cost $2,045,000
FRESNO, Fresno County, Calif.
Construction of college buildings.
Owner—State Division of Architecture, Anson Boyd, state architect, Public Works Bldg., Sacramento.
Plans by owner. 15

January 23, 1946

PREPARING PRELIMINARY PLANS
SCHOOL BLDGS. Cost, $1,320,000
SAN DIEGO, San Diego Co., Calif.
Construction of college buildings at San Diego State College.
Owner—State Division of Architecture, Anson Boyd, state architect, Public Works Bldg., Sacramento.
Plans by owner. 15

January 23, 1946

PREPARING PRELIMINARY PLANS
SCHOOL BUILDING Cost, $1,091,000
VENTURA, Ventura County, Calif.
Construction of a school for girls.
Owner—State Division of Architecture, Anson Boyd, state architect, Public Works Bldg., Sacramento.
Plans by owner,

January 23, 1946

PREPARING PRELIMINARY PLANS
STATE COLLEGE Cost, $996,200
CHICO, Butte County, Calif.
Construction of state college.
Owner—State Division of Architecture, Anson Boyd, state architect, Public Works Bldg., Sacramento.
Plans by owner. 15

January 23, 1946

BOND ELECTION

SAN JACINTO, Riverside Co., Cal.—Voters of the San Jacinto Unified School District will hold an election in March on the proposition of issuing and selling bonds in the amount of $200,000, which, if approved, would be used in expanding and improving the San Jacinto elementary and high schools. 15

16— BANKS, STORES AND OFFICES

SUB-CONTRACTS AWARDED
EXCHANGE ADDITION
SAN JOSE, Santa Clara Co., Calif. 80 S. Market St.
Construction of addition to present central office building.
Owner—Pacific Telephone & Telegraph Co., 140 New Montgomery St., San Francisco.
Plans by engineering department of owner.
Contractor — Haas Construction Co., 1104 Merchants' Exchange Bldg., San Francisco.
Roofing—Alta Roofing Co., 976 Indiana St., San Francisco.
Plumbing—A. J. Peters & Son, 410 N. Tenth St., San Jose.
Glass—Le Deit Glass Co., Box 645, San Jose.
Iron Work—Engfer Iron Works, 555 W. San Carlos, San Jose.
Erect Structural Steel—Bos Construction Co., foot of Park Ave., Emeryville 8.
Reinforcing Steel—Gunn & Carle, 20 Potrero Ave., San Francisco 3.
Painting—D. Zelinsky & Sons, 165 Grove St., San Francisco.
Concrete—G. J. Terranova, 1095 Vine St., San Jose. 16

January 23, 1946

BIDS WANTED—
TO BE OPENED FEB. 4, 4 P. M.
ELECTRICAL WORK
OAKLAND, Alameda Co., Cal. Section A, Grove Street Pier.
Electrical work in connection with construction of offices on mezzanine floor of building to involve 1458 sq. ft. area.
Owner — Oakland Port Commission, foot of Grove St., Oakland.

Plans and specifications obtainable from the above office upon deposit of $5.00. • • 16

January 23, 1946

PLANS BEING FIGURED—BIDS OPEN JANUARY 24, 3 P. M.
OFFICE BUILDING
BURLINGAME, San Mateo Co., Calif.
Construction of two-story and reinforced concrete office building with dental offices on second floor.
Owner—Lincoln E. Higbee, c/o architects.
Architects — Sharps & Brown, 1477 Burlingame Ave., Burlingame.

The following contractors have taken out plans:
G. W. Williams Co., 10 California Dr., Burlingame.
MacDonald, Young & Nelson, 127 Montgomery St., San Francisco.
De Luca & Son, 1745 Filbert St., San Francisco.
J. P. Henry & Sons, 12 Foss Ave., San Jose. • 16

19—MISC. CONSTRUCTION

January 23, 1946

BIDS POSTPONED
UNTIL FEB. 14, NOON.
GRAIN ELEVATOR
WORDEN, Oregon.
Construction of 500,000-bushel grain elevator, consisting of reinforced concrete headhouse, concrete storage bins, steel frame truck-receiving shed and track shed, offices, switchroom, etc.
Owner—Tulana Farms, Malin, Ore.
Consulting Engineer—Edward F. Carter, 837 W. Hastings St., Vancouver, B. C.

Plans and specifications on file at the AGC in Portland and at Malin may be obtained from the engineer upon deposit of $100.

Bids will be received by Richard Hanzel, Tulana Farms, Malin, Ore.

Following contractors have taken out plans:
Carrico & Gautier, 365 Ocean Ave., San Francisco.
Kashner-Mackie Co., 704 S Spring St., Los Angeles.
George Buckler, Lewis Bldg., Portland.
Henry George & Sons, Hutton Bldg. Spokane, Wash.
Bayles-Rice Drier Co., Biggs, Calif.
• • 19

20— MISC. SUPPLIES AND MATERIALS

January 23, 1946

NOTICE OF SALE

SAN FRANCISCO.—Until January 30, 10 A. M., bids will be received by the Navy Department, Material Redistribution and Disposal Office, 785 Market St., San Francisco, under Sales Catalog No. B-252-46 for the sale of electrolytic tinplate, can ends and salad oil cans, located at American Can Co., Third and 20th Sts., San Francisco. • 20

January 23, 1946

NOTICE OF SALE

SAN FRANCISCO.—Until January 31, 10 A. M., bids will be received by the Navy Department, Material Redistribution and Disposal Office, 785 Market St., San Francisco, under Sales Catalog No. B-253-46 for 24 salvable portable shelter sheds and shacks, located at the Chicago Bridge & Iron Co., Eureka. • 20

January 23, 1946

BIDS WANTED

FONTANA, San Bernardino Co., Calif.—Until January 25, 2 P. M., bids will be received by the Kaiser Co., Inc., Iron and Steel Division, P. O. Box 217, Fontana, Calif., for the sale and removal of approximately 4549 tons of miscellaneous R.C.S. billets and blooms, located at Kaiser Co.'s Fontana plant. Specifications available from the above office. 20

January 23, 1946

BID OPENED

SAN LUIS OBISPO, Calif.—Hope Ranch Park Homes Association, 1012 State St., Santa Barbara, Calif., at $33 per month, submitted only bid to the Department of Public Works, Division of Highways, L. H. Gibson, district engineer, 50 Higuera St., San Luis Obispo, Calif., for furnishing one 165-gallon capacity asphalt kettle, portable, with pneumatic tires and equipped with kerosene burner. • 20

January 23, 1946

BIDS WANTED

LOS ANGELES, Calif.—Until Jan. 28, 11 A. M., bids will be received by the Navy Material Redistribution and Disposal Office, officer in charge, Room 220, 542 S. Broadway, Los Angeles, for the sale of steel and aluminum plates, sheets, I-beams, angles, pipe and tubing and miscellaneous material; Catalog No. B-338-46. Bids must be accompanied by a certified or cashier's check, payable to the treasurer of the United States, or cash for 25% of bid. 20

January 23, 1946

BIDS OPENED

DAVIS DAM PROJ., Ariz.-Nev.—The following submitted bids
Following submitted by to Bureau of Reclamation, Denver, under Spec. No. 1138 for furnishing and delivering fob cars at the shipping point or fob cars at Kingman, Ariz., at the option of the bidder, one 7,500-volt, 600-ampere, 3-pole, single-throw, outdoor-type power circuit breaker; two 69,000-volt, 600-ampere, 3-pole, single-throw, manually gang operated, outdoor-type disconnecting switches with manually gang operated grounding blades; one 69,000-volt, 600-ampere, 3-pole, single-throw, manually-gang-operated, outdoor-type disconnecting switch; one 7,500-volt, 600-ampere, 3-pole, single-throw, manually gang operated, outdoor-type disconnecting switch; nine 7,500-volt 1200-ampere, single-pole, single-throw hook-operated, outdoor-type disconnecting switches; six 7500-volt, 600-ampere, single - pole, single - throw, hook-operated, outdoor-type disconnecting switches; six 69,000-volt, 200 ampere, single-pole, hook - operated, outdoor-type, expulsion-fuse disconnecting switches each complete with two fuse units; four 5000-volt insulated, 2400- to 120-volt, single-phase, 60-cycle, dry-type or compound-filled, outdoor-type potential transformers; two 5000-volt insulated, 800- to 5-ampere, single-phase, 60-cycle, dry type or compound-filled, outdoor-type current transformers;

four 5000-volt insulated, 300- to 5-ampere, single-phase, 60-cycle, dry-type or compound - filled, outdoor-type current transformers; three 2-element 3-phase, 3-wire watt-hour, indicating demand meters, with 30-minute interval, each in a weather-proof case with a socket designed for pole mounting; and three single-pole, outdoor, thyrite or autovalve, station-type lightning arresters designed for base mounting and suitable for use on a 69,000-volt, three-phase, ungrounded - neutral circuit, for installation in the Davis Dam Construction Substation, Davis Dam Project, Ariz.-Nev.

All of the apparatus will be installed by the Government.

Pacific Electric Manufacturing Co., San Francisco, Schedule No. 2, Items 2 through 7, $5740.45, f.o.b. destination; terms net.

Graybar Electric, Denver, Schedule 2, Items 2 through 6, $5138.95, f.o.b. destination; terms net.

Westinghouse Electric Corp., Denver, Schedule No. 1, $745; Schedule No. 2, Items 2 through 7, $5674.50; Schedule No. 3, $483.15; Schedule No. 4, $180.57; Schedule No. 5, $1473; f.o.b destination; terms net.

Delta Star Electric Co., Chicago, Schedule No. 2, Items 2 through 7, $5740.50; f.o.b. destination; terms net.

Royal Electric Manufacturing Co., Chicago, Schedule No. 2, Items 2 through 7, $5674.50; f.o.b. Chicago; terms net.

Southern States Electric Corp., Hampton, Ga., Schedule No. 2, Items 2 through 7, $5740.50; f.o.b. Hampton; terms net.

Railway and Industrial Engrg. Co., Greensburg, Pa., Sched. No. 2, items 2 through 7, $5740.50, fob dest.; terms net.

Cole Electric Co., Los Angeles, Sched. No. 2, items 2 through 7, $5,740.35, fob dest.; terms net.

General Electric Co., Denver, Sch. No. 1, $765; Sched. No. 2, items 2 through 7, $5769.50; Sched. No. 3, $638.28; Sched. No. 4, $148.53; Sched. No. 5, $1841.28, fob dest.; terms net.

Bowie Switch Co., San Francisco, Sched. No. 2, items 2 through 7, $5,740.45, fob dest.; terms net. Telegram shows $28.50 per stack 154 lbs. for items 2 through 3A and $4.84 per unit 15½ lbs. for items 4 thru 6. • • 20

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pneumatic tires, uses 66-in. blocks. Immediate delivery. Gamerston & Green Lumber Co., 1800 Army St., San Francisco 24. Phone AT. 1300.

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Ward Buildings Stockton State Hospital	Stockton	1-29
Buildings and Utilities Spec. 17379, NOy 13211	Inyokern	2- 5
Warehouse California Natural Guard	Sacramento	2- 5

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Ward Bldgs., Stockton State Hosp., Stockton; Bids open Jan. 29, 2:00 P. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).
Empire Constr. Co., Ltd., 344 Harriet St., San Francisco (HEmlock 3400)

Conversion Bldg., No. 401, S. F. Naval Shipyard, San Francisco; Bids open January 31, 11 A. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
A. Farnell Blair, 9 Main Street, San Francisco (YUkon 0390).
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).

Two Bridges, San Joaquin County; Bids close January 23, 2 P. M.
Carl N Swenson Co., 355 Stockton Ave., San Jose 4 (BAllard 2602).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Laboratory Bldg., Moffett Field; Bids close January 30, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
Carl N. Swenson Co., 355 Stockton Ave., San Jose (BAllard 2602).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
M. J. King, Inc., 231 Franklin Street, San Francisco (UNderhill 8209).

Warehouse, 8th and Ohio, Richmond; Bids open January 25, 10 A. M.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Erbentraut & Summers, 446 6th St., San Francisco (MArket 8310).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Biltwell Constr. Co., 4745 Geary Blvd., San Francisco (BAyview 5947)
C. L. Wold Constr. Co., Ltd., 4412-16 Fulton St., S. F. (SKyline 4362).
Elmer J. Freethy, 1432 Kearney St., El Cerrito (RIchmond 6875).
William M. Greuner, 2727 Parker St., Berkeley (BErkeley 2877).
Empire Constr. Co., Ltd., 344 Harriet St., San Francisco (HEmlock 3400)

Nursery and Residence, Valencia St., S. F.; Bids open Jan. 24, 1 P. M.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).
Rademann-Giusto, 40 Ringold Street, San Francisco (MArket 8151).
Midstate Constr. Co., 1297 Bush St., San Francisco (ORdway 4638)
C. L. Wold Constr. Co., Ltd., 4412-16 Fulton St., S. F. (SKyline 4362).

Bldgs., Services, Reserve Fleet Berthing, Mare Island; NOy 13295; Spec. 17459; Bids open February 1, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Peter Kiewit Sons Co., 441 Post St., San Francisco (EXbrook 5736).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).

Expansion Sheet Metal Shop, Etc., S. F. Naval Shipyard; Spec. 17230; Bids open February 7, 11 A. M.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)

Store Bldg., Railroad Ave. and E 7th St., Pittsburg; Bids open Jan. 31, 4 PM
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)

Motel Buildings, Oakland; Bids open January 31, 3 P. M.
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
G. W. Williams Co., 10 California Drive, Burlingame (Burl 4-1796)

Candy Factory, Ocean Ave. near 19th Ave., S. F.; Bids open Feb. 4, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)

Tulana Farms Grain Elevator, Worden, Ore.; Bids Ipen Feb. 14, Noon.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

Higbee Bldg., Burlingame; Bids open January 24, 3 P. M.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).

CONTRACTORS . . .
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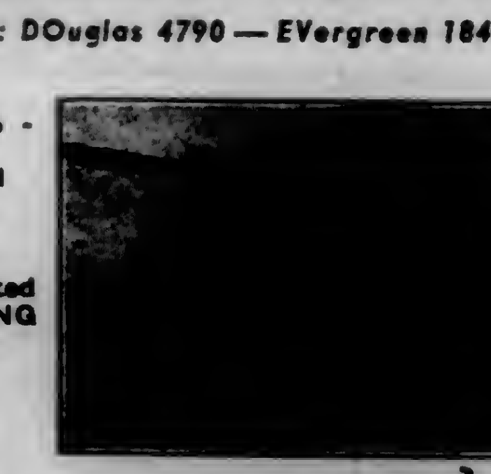

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ADVANCE CONSTRUCTION REPORTS

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Canals 23
Street Lighting System 24
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Treasury Department 27
Fire Equipment 28
Streets and Highways 29
Reservoirs and Dams 30
Pipe Lines and Wells 31
Sewers and Sewage Disposal Plants 32
Waterworks 33
Parks and Playgrounds 34
Tunnels 35

21— BRIDGES

January 23, 1946

CONTRACT AWARDED

SAN MATEO COUNTY, Calif.—Macco Construction Co., Freight and Ferry Sts., Oakland, at $281,956, was awarded contract by the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for a structural steel overcrossing to be constructed over Bay Shore Freeway at Peninsular Ave. in the City of San Mateo. • 21

January 23, 1946

CONTRACT AWARDED

TEHAMA COUNTY, Calif.—J. D. Proctor and Dragline Rentals Co., 451 Monadnock Bldg., San Francisco, at $378,765.17, awarded contract by the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for construction of five reinforced concrete slab bridges and widening of two existing concrete bridges at various locations between Los Molinos and Red Bluff in Tehama County. • 21

January 23, 1946

NOTICE

LOS ANGELES COUNTY Calif.—A representative of the bridge department of the Division of Highways will meet prospective bidders for the proposed project in Los Angeles County on ramp 4 structure, VII-LA-2-LA, for which bids are to be received in Los Angeles on February 14, 1946.

Said representative will meet prospective bidders on Pleasane Ave. at Macy St. on Friday, January 25, 1946, at 10 A. M. 21

January 23, 1946

BIDS REJECTED

POLK COUNTY, Ore.—All bids received by the Oregon State Highway Commission, R. H. Baldock, state highway engineer, Public Service Bldg., Portland, Ore., January 17, under Federal Project No. S-215 (4), for bridge over Mill Creek on Dallas-Coast secondary highway near Buell, have been rejected. • 21

January 23, 1946

PLANS AVAILABLE

LOS ANGELES COUNTY, Calif.—G. T. McCoy, state highway engineer, Sacramento, has reported that plans are available for the construction of a structural steel overhead crossing on Terminal Island Freeway over the tracks of the Union Pacific Railroad Co. in the City of Los Angeles (VII-LA-Terminal Island), Los Angeles County, a national defense contract, at a cost of $2.31. As previously reported, bids for the project will be received by G. T. McCoy, state highway engineer, 808 State Bldg., Los Angeles, at 2 P. M., February 7. 21

January 23, 1946

PLANS AVAILABLE

CALIFORNIA State Highway.—G. T. McCoy, State Highway Engineer, Public Works Bldg., Sacramento, has reported that plans are available for the construction of the following projects, bids for which will be received in Los Angeles on Feb. 14:

VII-LA.-2-LA., Santa Ana Parkway over Ramona Parkway Ramp 4: Plans (incl. sales tax) $1.69; no Cross Sections.

VII - LA. - Terminal Island, over UP, SP, and PE railroads at Anaheim St.: PLANS (incl. sales tax), $4.31; no Cross Sections.

XI-S.D.-77-S.D, over Balboa Parkway at Richmond St., PLANS (incl. sales tax), $1.23; no Cross-Sections. 21

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January 23, 1946

CONTRACT AWARDED

PORTLAND, Oregon.—O. L. Soule, Elma, Wash., at $120,634 awarded contract by the Powell Valley Roads Water District, office of the engineer, 822 Spalding Bldg., Portland, for the installation of approx. 55,100 ft. of cast iron pipe, 2- to 12-inch diameter, and 900 ft. of ¾-in. copper tubing. • • 31

24—STREET LIGHTING SYSTEMS

January 23, 1946

BIDS OPENED

SAN FRANCISCO.—The following bids were received January 22 by the Public Utilities Commission, Rm. 287 City Hall, under Bureau of Light, Heat and Power Contract No. 41 for constructing street lighting system at Lombard and Richardson Ave. from Van Ness to Lyon St.

The work involves:

(1) lump sum, construct street lighting system;
(2) lump sum, furnish and install certain facilities for traffic signal systems.

H. C. Reid, 389 Clementina St., San Francisco, (1) $34,677, (2) $500.

Abbett Electric Co., (1) $35,390, (2) $370.

R. Flatland, (1) $35,640, (2) $625.

George Breyer Co., (1) $36,984, (2) $557.47

Severin Electric Co., (1) $37,871, (2) $793.

Cimino Electric Co., (1) $42,160, (2) $583.

Manning & Whitaker, (1) $42,211.42, (2) $1011.58. • 24

25—MACHINERY AND EQUIPMENT

January 23, 1946

BIDS OPENED

DENVER, Colo.—The following submitted bids to the Bureau of Reclamation, Denver, under Spec. No. 1140 for furnishing and delivering fob cars at shipping point or fob cars at Alamogordo, N. M., at the option of the bidder, four (4) 1000-kv.-a. 110,000- to 34,500-volt, single-phase, 60-cycle, oil-immersed, self-cooled, outdoor type transofrmers, each with one single-pole lightning arrester for 34,500-volt, 3-phase, ungrounded-neutral circuit mounted on the case for Alamogordo substation, Rio Grande Project, N. M.-Tex. All of the apparatus will be installed by the government:

Westinghouse Electric Corp., Denver, $28,676; $30 engineer; $25 mechanic (per day), fob Alamogordo; terms net.

General Electric Co., Denver, $28,680; $30 engineer; $25 mechanic (per day); fob Alamogordo; terms net.

Allis Chalmers Mfg. Co., Milwaukee, Wis., $29,960; $30 engineer; $25 mechanic (per day), fob Alamogordo; terms net. • • 25

January 23, 1946

BIDS OPENED

SAN FRANCISCO.—The following bids received by M. H. Gerry, Purchaser of Supplies, 270 City Hall, San Francisco, under Inv. No. 3456 for repairs to three motor coaches for the Municipal Railway:

Wagnon Automobile Body Co., (1) $1,792.50, 31 days; (2) $2660, 60 days; (3) $1884.

Learer's Garage, Oakland, (1) $2,405, 45 days; (2) $3,307.50, 60 days; (3) $2,607.50, 45 days.

System Truck Service, Oakland, (1) $2750, 30 days; (2) $3400, 60 days; (3) $3900, 45 days.

A. E. Lattimore, San Francisco, (1) $3,007.88, 21 days; (2) $3,781.25, 21 days; (3) $1,754.88, 10 days. • 25

January 23, 1946

BIDS WANTED

NAPA, Napa Co., Calif.—Until Feb. 4, 7:30 P. M., bids will be received by the Napa City Council, Charles E. Martin, City Clerk, City Hall, for one new automobile for the Napa Police Department. • • 25

January 23, 1946

BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until February 5, 4 P. M., bids will be received by the Board of Education of the City of Oakland, John W. Edgemond, secretary, Room 122 Administration Bldg., 1025 2nd Ave., Oakland, for Schedule No. 69, universal hydraulic type testing machine.

Each bid must be accompanied by certified check in amount of 10% of bid. • 25

January 23, 1946

BIDS WANTED

SAN DIEGO, Calif.—Until Feb. 1, 11 A. M. (bid opening postponed from Jan. 25), bids will be received by the U. S. Navy, Public Works Office, 11th Naval District, 1220 Pacific Highway, San Diego, for material and labor for the constrution of additions and alterations to the existing station electrical distribution system and new facilities to provide adequate electrical services and outlets to piers Nos. 6 and 8, San Diego; Specification No. 17543.

The project includes the furnishing and installing of new transformers, switchgear, submersible air circuit breakers, manholes, conduit, cable, underground cableways, alterations to existing electrical equipment and other miscellaneous related work. Plans and specifications available from the above office upon deposit of $15. 25

28—FIRE EQUIPMENT

January 23, 1946

PURCHASE AUTHORIZED

VENTURA, Ventura Co., Calif.—The City Council of the City of Ventura has authorized City Manager Richard H. Smith, City Hall, Ventura, to purchase a new fire truck, 400-gallon capacity water tank, for the City of Ventura; estimated cost, $13,500. 28

January 23, 1946

CONTRACT AWARDED

REDWOOD CITY, San Mateo Co., Calif.—The Seagrave Corp., Chronicle Bldg., San Francisco, at $22,670.45 net bid, was awarded contract by the City of Redwood City, R. S. Dodge, city clerk, City Hall, for two 1000-gallon per minute triple combination pumpers. • 28

29— STREETS AND HIGHWAYS

January 23, 1946

CONTRACTS AWARDED

STATE OF ORGEON.—The following contracts were awarded by the Oregon State Highway Commission, Public Service Bldg., Portland, for construction as follows:

Crook and Deschutes Counties—Redmond rock production project on four state highways; state project; approximately 12,000 cu. yds. crushed gravel in stockpiles.

Contract awarded the low bidder, Struss & McCoy, $26,160.

Other bidders: Del Beebe, Reno, Nev., $31,800; Arthur Gentemann, Portland, $31,800; P. B. Doherty, Portland, $32,160; Kern and Kibbe, Portland, $32,880; E. C. Hall, Tigard, Ore., $33,600; J. N. and M. J. Coniey, Newport, Wash., $34,525; A. H. Saxton & Sons, Corvallis, Ore., $41,420.

Polk County—Buell and Salt Creek-Dolph Corner sections of the Dallas-Coast secondary highway; Federal Project No. S-215 (4); 4.02 miles grading and bituminous macadam surfacing, approximately 110,000 cu. yds. excavation, 130 cu. yds. concrete, 12,300 lbs. metal reinforcing, 36,000 cu. yds. crushed rock or crushed gravel, 310 tons asphaltic materials. This project may be bid in combination with Mill Creek Bridge project in Polk County.

Contract awarded low bidder, O. C. Yocum, McMinnville, Ore., (A) $153,181; (B) $152,869.

Other bidders: Babler Bros., Portland, (B) $167,135; E. C. Hall, Tigard, Ore., (B) $169,768.50; C. J. Eldon, Portland, $180,187.50; $180,161.50.

Washington County—Berger Ranch-Barnes Rd. section of the Wolf Creek highway; Federal Project No. F-186 (8); 3.92 miles of grading, also surfacing and oiling of road connections, approximately 341,000 cu. yds. excavation, 450 cu. yds. concrete, 68,000 lbs. metal reinforcing, 9100 cu. yds. rock or gravel base and surfacing materials, 52 tons asphaltic materials.

Contract awarded Sound Construction & Engrg. Co., 1403 Seattle, (A) $150,759.40; (B) no bid.

Low bidder, Berke Bros., Portland, (A) no bid; (B) $140,247.

Other bidders: Kuckenberg Constr. Co., Portland, (B) $152,311; R. A. Heintz Constr. Co., Portland, (B) $160,151.50; Parker Schram Co., Portland, (A) $160,153; (B) $160,033; J. A. Lyons Co., Inc., Portland, (B) $164,804; C. J. Eldon, Portland, (A) $164,960; (B) $164,981; K. L. Gouiter Co., Seattle, (B) $167,773; N. L. O'Neil & Son, Eugene, Ore., (A) $176,957; (B) $177,017; John A Bolick, Jr., (B) $184,011; Leonard & Slate, Portland, (B) $186,633; E. C. Hall, Tigard, Ore., (B) $199,146; Berke Bros.' bid rejected.

Washington County—105 ft. treated pile trestle bridge with concrete deck over McKay Creek on Wolf Creek highway; Federal Project No. F-186 (9); approximately 1500 ft. creosoted piling, 95 cu. yds. concrete, 20,000 lbs. reinforcing, 30 MFBM creosoted lumber, 230 ft. metal handrail.

Contract awarded, low bidder, C. J. Eldon, Portland, $14,249.

Other bidders: W. H. Philpott, $14,435; Lindstrom Bros., Portland, $14,912; Waider & Kenworthy, $16,526; Lockyear & White, Wodland, Wash., $18,861; Marine Contractors, Inc., Portland, $24,970.

Lincoln County — Waldport rock production project on three state highways; state project; approximately 10,000 cu. yds. crushed rock in stockpiles.

Project shelved. • • 29

January 23, 1946

CONTRACT AWARDED

SAN FRANCISCO.—Fay Imp. Co., 760 Market St., at $4,636.50 awarded contract by the Department of Public Works, Room 282, City Hall, under Spec. No. 20035 for construction of Hubbell Street sewer between 16th and 17th Streets. • • 29

January 23, 1946

BID OPENED

NAPA, Napa Co., Calif. — Basalt Rock Co., 900 8th St., Napa, at $1,241.22 submitted only bid to the Napa City Council, Chas. E. Martin, City Clerk, City Hall, for resurfacing three tennis court at the Intermediate School Grounds, Napa. • • 29

January 23, 1946

BIDS WANTED

SHOSHONE PROJ., Wyo. — Until February 8, 2 P. M., (bid opening postponed from Jan. 23), bids will be received at the office of the Bureau of Reclamation, Denver, for furnishing and delivering fob cars at the shipping point or fob cars at Thermopolis, Wyoming, transformers, disconnecting switches and circuit breakers for the Hot Springs County REA substation, Shoshone Project, Wyo.; Spec. 1139. 25

January 23, 1946

CONTRACT AWARDED

TEHAMA COUNTY, Cal.—Oilfields Trucking Co. and Phoenix Constr. Co., Box 751, Bakersfield, at $508,837.32 awarded contract by the State Division of Highways, Public Works Building, Sacramento, ofr about 7.1 miles in length to be graded and surfaced with plant mix surfacing on cement treated base, between six miles north of Red Bluff and Shasta County line, in Tehama County. • • 29

January 23, 1946

CONTRACT AWARDED

KINGS COUNTY, Cal.—W. C. Railing, 27 Lowell St., Redwood City, at $70,408.25 awarded contract by the State Division of Highways, G. T. McCoy, State Highway Engineer, Public Works Bldg., Sacramento, for about 1.5 miles in length to be graded and surfaced with road mix surfacing between fifth standard parallel south and 1.5 miles north in Kings County. • • 29

January 23, 1946

PLANS AVAILABLE

CALIFORNIA State Highway.—G. T. McCoy, State Highway Engineer, Public Works Bldg., Sacramento, has reported that plans are available for the construction of the following projects, bids for which will be received in Sacramento on Feb. 13:

III-E.D-11-B, bet Shingle Springs and 1¼ miles west of El Dorado: Plans (incl. sales tax) $2.46; Cross-Sections (incl. sales tax) $10.76; Total, $13.22.

IX-Ker-23-D, at Freeman Gulch: Plans (incl. sales tax) $2; Cross-Sections (incl. sales tax) $4.61; Total, $6.61. 29

January 23, 1946

BIDS OPENED

MERCED, Merced Co., Calif.—Al W. Simmonds, 420 Market Street, San Francisco, at $3020.25 submitted low bid to the U. S. Engineer Office, Wright Building, Sacramento, under Spec. 1207 for numbering and striping one runway at Merced Army Airfield.

Other bidders were:

Couch & Phillipi, Los Angeles, $3,273.10.

J. H. Ganey Co., Los Angeles, $3,431.52.

Townsco Contr. Co., Oklahoma City Okla., $3,497.50.

Eric Lundeen Painting Contractors, Fresno, $13,022. • • 29

January 23, 1946

BIDS WANTED

SAN FRANCISCO.—As previously reported, until Feb. 6, 2:30 P. M., bids will be received by the Department of Public Works, Room 282, City Hall, for improvement of Pine Street between Kearny and Stockton Streets.

Plans and specifications obtainable from office of City Engineer Ralph Wadsworth, City Hall.

Work involves approx. 24,462 est. sq. ft. of non-skid emulsified concrete. • 29

January 23, 1946

BIDS OPENED

OREGON STATE HIGHWAY.—The Oregon State Highway Commission, Public Service Bldg., Portland, Ore., received bids January 18 for the construction of the following highway and bridge projects:

Lincoln County—Two bridges over Siletz River on Siletz secondary highway. Fuller bridge, 190 ft. steel truss span with 133 ft. concrete viaduct approaches. Ojalla bridge, 190 ft. steel truss span with 105 ft. concrete viaduct approaches. Each bridge includes grading and surfacing of roadway approaches. Federal Project No. S-204 (3).

Tom Lillebo, Reedsport, Ore., low at $18,141.40.

Linn County—Halsey-Holley rock production project on the Halsey-Sweet Home secondary highway. State project.

Harrisburg Sand & Gravel Co., Harrisburg, Ore., low at $22,350.

Malheur County—Cairo Junction-Adrian rock production project on three state highways. State project.

Kern & Kibbe, 8706 N. Bradford, Portland, Ore., low at $21,880.

Morrow County — Gilliam County line- eight-mile section of the Wasco-Heppner secondary highway. Federal Project No. S-209 (3). 4.64 miles of regrading and 11.56 miles of surfacing and oiling; also furnishing 4700 cu. yds. crushed rock in stockpiles.

Kern & Kibble, 8706 Bradford, Portland, Ore., low at $128,520.10.

Tillamook County — Three Rivers bridge at Hebo on Oregon Coast Highway. 138 ft. concrete viaduct. Federal Project No. F-153 (5).

W. H. Philpot, Portland, Ore., low at $26,945.

Washington County—Davies-North Plains section of the Wolf Creek Highway. Federal Project No. F-186 (9). 7.23 miles of grading; also surfacing of road connections. This project may be bid in combination with the North Plains-Gardner Ranch project in Washington County.

Sound Construction & Engineering Co., 1403 W. 45th St., Seattle, Wash., low at $171,726.90.

Washington County—North Plains-Gardner Ranch section of the Wolf Creek Highway, Federal Project No. F-186 (9). 3.38 miles of grading. This project may be bid in combination with the Davies-North Plains Project in Washington County.

Sound Construction & Engineering Co., 1403 W. 45th St., Seattle, Wash., low at $44,381. 29

January 23, 1946

BIDS WANTED

OREGON STATE HIGHWAY.—The Oregon State Highway Commission, Public Service Bldg., Portland, Ore., received bids January 17 for the construction of the following highway improvement projects:

Creek and Deschutes Counties—Redmond rock production project on four state highways; state project.

Struss & McCoy, Redmond, Ore., low at $26,160.

Lincoln County — Waldport rock production project no three state highways; state project.

Marion County—Gates Niagara section of North Santiam secondary highway, Federal Project No. S-220 (2), 3.53 miles grading and bituminous macadam surfacing; also furnishing 3000 cu. yds. crushed rock in stockpiles.

Kuckenberg Construction Co., 11,104 NE. Holman, Portland, Ore., low at $387,929.

Polk County—Buell and Salt Creek-Dolph Corner sections of The Dalles-Coast secondary highway, Federal Project No. S-215 (4), 4.02 miles grading and bituminous macadam surfacing. This project may be bid in combination with the Mill Creek bridge project in Polk County.

O. C. Yocom Co., McMinnville, Ore., low at $152,869.

Polk County — Bridge over Mill Creek on The Dalles-Coast secondary highway near Buell, 68 ft. I-beam span with 60 ft. concrete approach at each end, Federal Project No. S-215 (4). This project may be bid in combination with the Buell and Salt Creek-Dolph Corner project in Polk County.

W. H. Whilpot, Portland, Ore., low at $34,440.

Washington County—Berger Ranch-Barnes Rd. section of the Wolf Creek highway, Federal Project No. F-186 (8), 3.92 miles of grading; also surfacing and oiling of road connections.

Sound Construction & Engineering Co., 1403 W. 45th St., Seattle, Wash., low at $150,759.40.

Washington County—105 ft. treated pile trestle bridge with concrete deck over McKay Creek on Wolf Creek highway, Federal Project F-186 (9).

C. J. Eldon, 3101 N. Colorado Blvd., Portland, Ore., low at $14,249. 29

January 23, 1946

BIDS WANTED

ST. GEORGE, Utah.—Until Feb. 18, 10 A. M., bids will be received by the Civil Aeronautics Administration, 1500 4th St. ,Santa Monica, Calif., for clearing, grading, seal coating runways, installing concrete pipe drainage, fencing and construction of a watch house at the landing field, St. George, Utah. 29

January 23, 1946

BIDS WANTED

LOS ANGELES, Calif.—Until Feb. 6, 10 A. M., lump sum bids will be received by the Los Angeles Board of Public Works, 153 City Hall, Los Angeles, for the application of asphaltic cement seal coating and the spreading of sand on 1,339,775 sq. ft. of taxiways, loading apron, parking areas, service roads and gutters at the Los Angeles Airport; a cash contract; 90 days for completion. 29

(Continued on Page Four)

DAVIS DAM PROJECT, ARIZONA-NEVADA

DAVIS DAM PROJECT, Arizona-Nevada.—Charles J. Dorfman, 124 N. La Brea, Los Angeles, at $214,251.35, submitted the low bid to the Bureau of Reclamation, Kingman, Ariz., Jan. 17, for th econstruction of streets, highways, sidewalks, curbs, gutters, drainage facilities, sewage and water distribution system for Davis government camp, Davis Dam Project, Arizona-Nevada; Specification 1136. The work is situated about 30 miles west of Kingman, Ariz.

The work, in general, includes the following work:

(a) The streets and parking areas will be surfaced with a 4-inch compacted base course and a 2-inch bituminous surface course. The highways will be surfaced with a 6-inch compacted base course and a 3-inch bituminous surface course. Gravel shoulders will be provided for the streets without concrete gutters and for the highways.

(b) Sidewalks, curbs and gutters will be of concrete, with expansion joints at approximately 15-foot intervals and with grooves at approximately 5-foot intervals.

(c) The drainage system will consist of earth dikes, ditches, concrete-pipe culverts, concrete headwalls for culverts, concrete-pipe drains and concrete inlets and catchbasins. Dry rock paving and riprap will be required as directed by the contracting officer.

(d) The sewerage system will consist of clay sewer pipe mains and laterals, concrete sewer manholes, a reinforced concrete sewage pumphouse, a reinforced concrete septic tank, a cast iron pipe discharge line between pumphouse and septic tank, a sludge drying bed and a leaching field. The work will also include the connection of the existing sewer line to manhole No. 5.

(e) The water distribution system will consist of asbestos cement pipe mains, lead or copper service piping, fire hydrants, street washers and a used 65,000-gallon water tank.

The work involves:

(1) 70,000 c.y. excav. for streets and highways;
(2) 2,900 c.y. excav. for ditches and culverts;
(3) 1,400 l.f. excav. and backfill of sewer pipe trenches, 4 ft. deep or less;
(4) 1,400 l.f. do, over 4 ft. deep and not more than 6 ft. deep;
(5) 1,650 l.f. do, over 6 ft. deep and not more than 8 ft. deep;
(6) 2,400 l.f. do, over 8 ft. deep and not more than 10 ft. deep;
(7) 2,200 l.f. do, over 10 ft. deep and not more than 12 ft. deep;
(8) 250 l.f. do, over 12 ft. deep and not more than 14 ft. deep;
(9) 150 l.f. do, over 14 ft. deep and not more than 16 ft. deep;
(10) 10 l.f. do, over 16 feet deep;
(11) 11,300 l.f. excav. and backfill of water-pipe trenches;
(12) 1,225 c.y. excav. for structures;
(13) 800 c.y. excav. for leaching field
(14) 1,200 c.y. backfill around struc.;
(15) 400 c.y. tamping backfill around structures;
(16) 40,000 c.y. compacting fills for streets and highways;
(17) 400 c.y. excav. in borrow pits;
(18) 25,000 sta. c.y. overhaul;
(19) 300 s.y. dry-rock paving;
(20) 25 c.y. dumped riprap;
(21) 300 M. gals. of watering base course;
(22) furnish and place 8,200 c.y. of gravel or crushed rock for base course of street and highway surfacing;
(23) furnish and apply 15,000 gals. of asph. material for prime coat;
(24) furnish and place 3,050 c.y. of gravel or crushed rock for surface course;
(25) furnish and apply 58,000 gals. of asph. material for surf. course;
(26) mix, finish and roll 49,000 s.y. of surface course;
(27) furnish and apply 8,500 gals. of asph. material for seal coat;
(28) furnish and apply 170 c.y. of coarse sand for seal coat;
(29) furnish and stockpile 50 c.y. of gravel or crushed rock for surface course;
(30) furnish and stockpile 10 c.y. of coarse sand for seal coat;
(31) furnish and lay 120 l.f. of 15-in. diameter concrete pipe;
(32) furnish and lay 230 l.f. of 18-in. diameter concrete pipe;
(33) furnish and lay 410 l.f. of 21-in. diameter concrete pipe;
(34) furnish and lay 130 l.f. of 24-in. diameter concrete pipe;
(35) furnish and lay 60 l.f. of 30-in. diameter concrete pipe;
(36) furnish and lay 190 l.f. of 36-in. diameter concrete pipe;
(37) constructing 9 structures of inlets or catch basins 6 ft. deep or less;
(38) constructing 7 addl. feet of inlets and catch basins. each additional foot over 6 ft. deep;
(39) furnish and lay 3,000 l.f. of 4-in. diameter clay sewer pipe and fittings for sewer lines;
(40) furnish and lay 1,780 l.f. of 6-in. diameter clay sewer pipe and fittings for sewer lines;
(41) furnish and lay 2,500 l.f. of 8-in. diameter clay sewer pipe and fittings for sewer lines;
(42) furnish and lay 1,600 l.f. 10-in. diameter clay sewer pipe and fittings for sewer lines;
(43) furnish and lay 20 l.f. of 10-in. diameter cast-iron soil pipe for sewer line;
(44) furnish and lay 1,050 l.f. of 4-in. diam. cast-iron A.W.W.A. pipe and fittings for sewer line;
(45) furnish and lay 36 l.f. of 8-inch diam. cast-iron A.W.W.A. pipe and fittings for sewer line;
(46) construct 19 sewer manholes 6 feet deep, or less;
(47) construct 70 addl. feet of sewer manholes, each addl. foot over 6 feet deep;
(48) connecting existing sewer line to manhole No. 5;
(49) furnish and lay 2,650 l.f. of 4-in. diam. clay sewer pipe for leaching field & backfilling trenches;
(50) furnish and lay 400 l.f. of 6-in. diam. clay sewer pipe for leaching field & backfilling trenches;
(51) constructing manhole "A" in leaching field:
(52) constructing septic tank;
(53) construct sewage pump house;
(54) installing 1,500 lbs. of sewage pumps;
(55) furnish and install 80 l.f. 4-in. diameter asbestos-cement water pipe and cast-iron fittings;
(56) furnish and install 4,650 l.f. 6-in. diameter asbestos-cement water pipe and cast-iron fittings;
(57) furnish and install 3,200 l.f. 8-in. diameter asbestos-cement water pipe and cast-iron fittings;
(58) furnish and lay 2,200 l.f. ¾-inch diameter lead or copper service piping;
(59) furnish and lay 550 l.f. of 1-inch diameter lead or copper service piping;
(60) furnish and lay 500 l.f. 1½-inch diameter lead or copper service piping;
(61) furnish and lay 150 l.f. of 2-inch diameter lead or copper service piping;
(62) furnish and install 80 ¾-inch lead or copper water - service connections;
(63) furnish and install eight 1-inch lead or copper water - service connections;
(64) furnish and install four 1½-in. lead or copper water - service connections;
(65) furnish and install four 2-inch lead or copper water - service connections;
(66) furnish and install 80 ¾-inch curb-stop and service-box assemblies;
(67) furnish and install eight 1-inch curb-stop and service-box assemblies;
(68) furnish and install four 1½-in. curb-stop and service-box assemblies;
(69) furnish and install four 2-inch curb-stop and service-box assemblies;
(70) furnish and install 18 units of fire hydrants and connections;
(71) furnish and install 14 street washers;
(72) furnish and install one 4-inch gate valve and valve box assembly;
(73) furnish and install 12 6-inch gate valve and valve box assemblies;
(74) furnish and install three 8-inch gate valve and valve box assemblies;
(75) erecting 65,000-gal. water tank;
(76) 1.200 l.f. concrete in combined gutters and curbs;
(77) 63.000 s.f. of concrete in sidewalks, gutters, and combined sidewalks and gutters;
(78) 20 c.y. concrete in culvert head walls;
(79) 75 c.y. concrete in water tank foundation;
(80) furnish and place 45,000 lbs. of reinf. bars.

The total bids submitted were:

(A) Charles J. Dorfman, $214,251.35.
(B) W. S. Ford, Kingman, Ariz., $218,275.71.
(C) Vinson Construction Co., Phoenix, Ariz., $235,791.27.
(D) Green - Mears Construction Co. and R. R. Hensler, $242,711.
(E) Utah Construction Co., San Francisco, $267,279.75.
(F) N. P. Van Valkenburgh, Los Angeles, $305,000.
(G) Fisher Contracting Co., Phoenix, Ariz., $310,713.95.
(H) Haddock Engineers, Ltd., $371,212.85.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)....	$ .55	$ .60	$ .7481	$ .35	$ .50	$ 1.00	$ .50	$ .61
(2)....	.75	.78	2.18	.80	1.00	2.50	2.00	2.65
(3)....	.45	.36	1.08	.52	.55	.60	.71	.74
(4)....	.65	.53	1.05	67	.90	.70	1.05	.95
(5)....	.75	1.00	1.07	.72	1.25	.80	1.42	1.15
(6)....	.85	1.40	1.15	92	1.75	1.00	2.25	1.40
(7)....	1.15	1.50	1.23	97	2.40	1.25	2.96	2.05
(8)....	2.00	1.80	1.49	1 80	3.00	1.75	4.60	2.20
(9)....	3.00	2.20	1.80	1.80	3.50	2.00	5.80	3.70
(10)....	5.00	2.50	6.25	2 50	4.75	4.00	6.40	4.00
(11)....	.50	.31	.53	.52	.60	.60	.55	.75
(12)....	1.35	1.90	1.83	2.76	1.75	3.00	5.50	2.55
(13)....	2.50	2.00	1.45	1.39	1.00	1.50	1.50	.86
(14)....	.60	.60	1.06	.34	.50	.75	.72	.95
(15)....	1.75	.60	1.11	5.32	1.25	1.50	3.35	1.55
(16)....	.15	.32	.11	.20	.25	.40	.15	.19
(17)....	1.00	1.31	1.13	2 00	.50	1.00	1.00	.86
(18)....	.02	.035	.013	03	.02	.03	.03	.04
(19)....	2.50	2.10	10.48	2 50	4.00	5.00	3.20	7.35
(20)....	5.00	4.20	20.68	12.00	3.50	15.00	6.25	19.20
(21)....	1.85	1.95	2.35	2.20	2.40	4.50	2.50	3.25
(22)....	2.00	1.50	2.75	4.50	2.50	2.50	3.70	4.50
(23)....	.16	.12	.13	15	.20	.20	.16	.183
(24)....	1.50	2.21	2.15	1 50	2.50	4.50	2.88	3.35
(25)....	.15	.12	.13	12	.20	.20	.16	.185
(26)....	.10	.28	.12	.10	.50	.25	.66	.15
(27)....	.15	.13	.13	15	.20	.20	.16	.19
(28)....	6.00	6.30	7.50	10 00	3.00	6.00	7.55	7.70
(29)....	1.50	2.20	3.00	1 50	2.50	4.00	3.35	7.70
(30)....	1.50	3.30	4.80	8.50	2.50	6.00	3.90	7.70
(31)....	2.45	3.27	2.90	2.65	2.75	2.50	3.50	7.15
(32)....	3.10	4.30	4.00	3.30	3.50	3.50	4.67	6.75
(33)....	4.20	5.35	5.00	4.05	4.50	4.00	8.45	7.15
(34)....	6.50	7.60	7.00	6.40	5.50	6.00	9.88	10.50
(35)....	8.30	9.90	11.00	8.27	7.75	7.00	14.00	13.80
(36)....	10.55	12.85	12.00	10.50	9.00	12.00	17.30	17.50
(37)....	250.00	188.00	245.00	269.00	240.00	200.00	400.30	500.00
(38)....	40.00	23.00	27.50	48.00	50.00	20.00	20.00	55.00
(39)....	.85	.75	.74	1.22	.85	1.60	1.15	1.70
(40)....	1.30	1.11	.88	1.34	1.00	1.70	1.30	2.20
(41)....	1.50	1.38	1.11	1.47	1.50	1.80	1.50	2.40
(42)....	1.80	2.13	1.42	1.77	2.00	2.00	1.80	3.30
(43)....	4.00	7.50	7.10	4.00	7.50	4.00	4.75	8.00
(44)....	1.85	1.75	1.92	2.02	1.70	2.25	5.20	3.70
(45)....	2.60	4.16	4.75	4.00	5.00	3.25	8.20	8.60
(46)....	250.00	162.00	217.40	250.00	400.00	200.00	338.00	500.00
(47)....	30.00	15.00	31.00	34.00	40.00	20.00	23.00	75.00
(48)....	300.00	10.00	187.50	110.00	200.00	50.00	37.00	260.00
(49)....	1.40	.89	1.14	1.55	.85	1.80	1.00	3.00
(50)....	2.20	1.28	1.73	1.67	1.00	2.10	1.80	3.35
(51)....	440.00	495.70	501.00	685.00	175.00	250.00	700.00	230.00
(52)....	4100.00	3000.00	3970.00	8000.00	6000.00	2000.00	6000.00	8500.00
(53)....	4500.00	1981.00	4686.00	9800.00	8400.00	5000.00	7800.00	11000.00
(54)....	1.00	.07	.26	1.65	.20	.20	.35	.19
(55)....	1.40	1.19	3.05	1.70	1.25	2.00	1.55	3.50
(56)....	1.70	1.56	1.37	1.94	1.55	2.50	1.63	3.20
(57)....	2.25	1.98	1.92	2.50	2.15	3.00	2.40	4.15
(58)....	.35	.41	.48	.77	.65	1.25	.63	2.30
(59)....	.45	.51	.68	.82	.75	1.30	.70	2.50
(60)....	.60	.71	.98	1.02	1.00	1.50	.90	2.65
(61)....	.80	.91	1.96	1.29	1.20	2.10	1.75	3.45
(62)....	13.70	11.70	9.17	10.80	8.00	15.00	7.10	85.00
(63)....	20.25	17.60	2.11	17.50	9.00	18.00	14.00	90.00
(64)....	4.00	32.20	3.16	21.00	10.00	20.00	17.00	155.00
(65)....	4.50	34.20	3.31	21.00	11.00	25.00	24.00	162.00
(66)....	8.50	16.10	11.40	19.80	14.00	15.00	13.35	86.00
(67)....	9.90	17.20	13.00	22.80	14.00	16.00	24.50	88.00
(68)....	20.70	22.50	29.37	33.00	20.00	20.00	38.50	150.00
(69)....	27.00	31.50	35.56	33.00	20.00	25.00	47.50	160.00
(70)....	150.00	161.50	204.75	200.00	200.00	150.00	230.00	320.00
(71)....	55.00	35.00	27.77	51.50	17.00	100.00	25.00	75.00
(72)....	50.00	37.00	90.00	64.50	25.00	35.00	65.00	145.00
(73)....	60.00	57.10	76.98	71.50	55.00	50.00	73.00	180.00
(74)....	100.00	74.65	138.00	95.50	70.00	70.00	97.00	235.00
(75)....	4387.00	6000.00	11043.00	7500.00	7500.00	1000.00	13920.00	13000.00
(76)....	1.65	.82	1.50	2.00	1.25	1.50	2.25	2.70
(77)....	.40	.30	.30	.60	.50	.35	.60	.64
(78)....	50.00	28.50	40.87	70.00	50.00	60.00	105.00	150.00
(79)....	40.00	27.50	27.82	56.00	35.00	50.00	47.00	57.00
(80)....	.10	.105	.087	.10	.10	.12	.09	.15

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Building Permits, Contracts---Recorded Notices

BUILDING PERMITS

Building Permits, $1,000 and Over, Applied For

SAN FRANCISCO COUNTY

RESIDENCES, 20 1-story frame
N QUINTARA 70 E 45th Ave; E 45th Ave 75, 100, 125, 150, 175, 200, 225, 275 S Pacheco; S Pacheco 115, 90 E 45th Ave; NE 45th Ave and Quintara; E 45th Ave 25, 50, 75, 100, 125, 225, 250, 275 N Quintara.
Owner and Builder—R F Galli, 377 West Portal Avenue.
Architect—Not Given. $5,300 each
(App Nos 85455, 85436-43, 85453-85454 85444-52)

DWELLINGS, 15 1-story frame
E 25th AVE 200, 225, 250, 275, 300, 325, 350, 425, 450 S Quintara; W 24th Ave 225 250, 275, 300, 325, 350 S Quintara.
Owner and Builder—Atlas Realty Co, 1500 Judah Street.
Architect—Not Given. $5,300 each
(App Nos 85467-75, 85476-81).

DWELLINGS, four 1-story frame
SE Bayshore 30, 350 SW Hester; S Hester Ave 70 W Wheeler; NW Wheeler 400 NE Blanken Ave.
Owner and Builder—R F Galli, 377 West Portal Avenue.
Architect—Not Given. $4,850 each
(App Nos 85457-8, 85459-60).

DWELLINGS, four 1-story frame
SE HESTER Ave and Bayshore Blvd NW Wheeler Ave 445, 470, 425 NE Blanken.
Owner and Builder—Gilbert L Plov, 395 Monterey Blvd.
Architect—Not Given. $4,850 each
(App Nos 85456, 85461-63).

ALTER APT
54-56 MACONDRAY.
Owner—E John Tampeko, premises.
Contractor—James Mulholland, 736 Huron Avenue.
Architect—Not Given. $4,300
(App No 85464).

ALTER DWELLING
3643 23rd STREET.
Owner—O W De Vos, premises.
Contractor—J A Johansen, 30 Point Lobos Avenue.
Architect—Not Given. $1,000
(App No 85465).

Building Permits, $1,000 and Over, Applied For

ALAMEDA COUNTY

1-STORY 8-ROOM DUPLEX
1215 CENTRAL AVE., ALAMEDA.
Owner and Builder—Charles M. Robinson, 735 Central Ave.
Architect—Not Given. $8,500

ALTERATIONS
1533 PARK ST., ALAMEDA.
Owner—M. Castro.
Builder—Fred Maia, 3932 Altamond Ave.
Architect—Not Given. $8,000

1-STORY 6-ROOM DWELLING
1410 THIRD ST., ALAMEDA.
Owner and Builder—Edward Berg, 3411 Adeline St.
Architect—Not Given. $6,200

1-STORY 5-ROOM DWELLING
131 SANTA CLARA AVE., ALAMEDA.
Owner and Builder—P. Royal Haulman, 1243A Broadway.
Architect—Not Given. $6,000

2-STORY 4-ROOM DWELLING
1340 FERNSIDE BLVD., ALAMEDA.
Owner and Builder—Warren B. Griffith, 147 Best Ave., San Leandro.
Architect—Not Given. $6,000

ALTERATIONS
1454 CAROLINE ST., ALAMEDA.
Owner and Builder—Harold H. Heath, 1454 Caroline St.
Architect—Not Given. $2,000

ALTERATIONS
2805 YOSEMITE AVE., ALAMEDA.
Owner—E. Ashuckian, 2805 Yosemite Ave.
Builder—W. Degan, 6256 Melville, Oakland.
Architect—Not Given. $1,300

DEMOLITION
2277-95 TELEGRAPH AVE, BERKELEY.
Owner—Unversity of California.
Contractor—Cleveland Wrecking Co. 2800 Third St, San Francisco. $8,000

DWELLING
1256 HOPKINS, BERKELEY.
Owner—Beaver, 820 29th St, Richmond.
Contractor—Gordon Fishbeak. 1320 Sanford Ave, Richmond.
Architect—Not Given. $7,000

DWELLING, 5-ROOM
3042 DOHR ST, BERKELEY.
Owner—W E Sloan.
Contractor — Scott W Bonds, 2951 Shasta Road.
Architect—Not Given. $5,600

ALTERATIONS
1886 SAN PEDRO, BERKELEY.
Owner—M L Smith, 1886 San Pedro.
Contractor—F C Williams, 49 Geary St, San Francisco.
Architect—Not Given. $1,200

ADDITION
2930 SACRAMENTO St, BERKELEY.
Owner and Builder—Geo F Dowling, 1444 Webster St, Oakland.
Architect—Not Given. $1,175

ALTERATIONS
2641 MATTHEWS, BERKELEY.
Owner—Raymond Lopez, premises.
Contractor—J V Adams, 744 65th St, Oakland.
Architect—Not Given. $1,000

AUTO COURT, 2-story 26-room
2408 MacARTHUR Blvd, OAKLAND.
Owner and Builder—M M Moody, c/o Architect
Architects—Miller & Warnecke, Financial Center Bldg. $59,000

APT HOUSE, 3-story 20-room
33 HOME PLACE East, OAKLAND.
Owner—Wesley M Jones, 212 Frisbie.
Contractor—E T Leiter Sons, 811 37th Street.
Architect—R. F. Keefer, 770 Wesley Avenue. $31,500

AUTO COURT, 2-story 20-room
Owner and Builder—M M Moody, c/o Architect.
Architects—Miller & Warnecke, Financial Center Bldg. $28,500

AUTO COURT, 1-story 9-room
2412 MacARTHUR Blvd, OAKLAND.
Owner and Builder—M M Moody, c/o Architect.
Architects—Miller & Warnecke, Financial Center Bldg. $16,000

DWELLING, 1-story 5-room
3831 SUTER ST, OAKLAND.
Owner and Builder—Olaf Johnson, 4660 Tyrrell St.
Architect—Not Given. $5,000

DWELLING, 1-story 5-room
3121 STANLEY Ave, OAKLAND.
Owner & Builder—Peter J Olson, 2667 77th Avenue.
Architect—Not Given. $5,000

ADDITION
9953 MacARTHUR Blvd, OAKLAND.
Owner—W Bommarius.
Contractor—E R Edwards, 2741 78th Avenue.
Architect—Not Given. $2,850

ALTERATIONS
814-16 35th ST, OAKLAND.
Owner—Gus Westin, premises.
Contractor—Elliott & Elliott Co, 2109 San Pablo Avenue.
Architect—Not Given. $1,800

ADDITION
9911 EMPIRE ROAD, OAKLAND.
Owner—J H Rowan, premises.
Contractor—Nelson & Rugg, 9532 E 14th St.
Architect—Not Given. $1,595

ALTERATIONS
3551 FRUITVALE Ave, OAKLAND.
Owner and Contractor—J D Hutchinson. 3551 Fruitvale Ave.
Architect—Not Given. $1,500

ALTERATIONS
1535-37 E 38th ST, OAKLAND.
Owner and Contractor—Stanley Nielsen, 1535 E 38th St.
Architect—Not Given. $1,200
Garage, $400.

PERMITS UNDER $1,000

ALAMEDA COUNTY

OAKLAND

owner, Agnes Peterson, prem; contractor, Wallace A Peterson, 7127 Weld St.

ALTERATIONS, $500; 1917 San Pablo Ave; owner, C Fritman, 5500 Masonic Ave; contractor, Tom Puccio, 2131 6th St, Berkeley.

ALTER, $400; 8733 D St; owner and contractor, F E Smith, 646 16th St.

REPAIRS, $350; 4019 Rhoda Avenue; owner and contractor, V Walton, 4015 Rhoda Ave.

ALTER and Addn, $300; 2275 85th Ave; owner, Agnes Peterson, 2275 85th Ave; contractor, Wallace A Peterson, 7127 Weld St.

ALTER, $265; 2874 Grove St; owner and contractor, R W Phillips, 3884 Grove St.

ALTER, $230; 1700 Grove St; owner and contractor, Mrs Robbins, 1700 Grove St.

ALTER and repair, $210; 682 MacArthur Blvd; owner, V La Centra, premises; contractor, Allen Walker, 1925 50th Ave.

ADDITION, $200; 5751 Foothill Blvd; owner and builder, John W Boyd, 5751 Foothill Blvd.

SHED, $200; 6116 La Salle Avenue; owner and builder, Lee K Hirshberg, premises.

ALTER, $100; 348 E 14th St; owner and contractor, V Lilian, premises.

ALAMEDA

REPAIR FIRE LOSS, $750; 2259 Central Ave; owner, First Methodist Church, 2259 Central Ave; builder, W A Rose, 478 25th St.

ALTERATIONS, $500; 2319 Lincoln Ave; owner and builder, Parisian Laundry, 2319 Lincoln Ave.

GARAGE, $350; 1215 Central Ave; owner and builder, Chas M Robinson, 735 Central Ave.

REROOFING, $350; 787 Santa Clara; owner, Methodist Church, 787 Santa Clara; builder, Malott & Peterson, 49th and Shattuck, Oakland.

GARAGE, $300; 1410 Third St; owner and builder, Edward Berg, 3411 Adeline St.

GUTTERS, $300; 1414 Bay St; owner, M L Dewing, 1414 Bay St; builder, P C Edwards, 2342 Grant, Berkeley.

BERKELEY

GARAGE, $500; 1256 Hopkins Street; owner, Beaver, 820 29th St, Richmond; contractor, G Fishbeck, 1320 Sanford Ave, Richmond; plans by Kubasek.

ROOFING, $301; 1845 Vine St; owner, F W Ryle, prem; contractor, Edwards Gutter Service, 2342 Grant Street.

ALTER, $300; 1509 McGee; owner and contractor, A Mauza, prem.

ROOFING, $295; 2715 Durant; owner, Marie G Perkins, prem; contractor, Elliott & Elliott, 2109 San Pablo Ave, Oakland.

ALTER, $250; 2737 Forest; owner, Marie Russell, 239 Cross Road, Oakland; contractor, Westward & Lehner, 595 Merritt Ave, Oakland.

ALTER, $250; 2134 Grove St; owner and contractor, City of Berkeley, 2134 Grove St.

ALTER, $180; 2076 Emerson; owner, Geo Kondo, premises; contractor, Paul J DeSmidt, 2316 Bonar.

REPAIRS, $165; 2075 Ashby Avenue; owner, Geo Kondo, prem; contractor, Paul J DeSmidt, 2316 Bonar.

ROOFING, $165; 560 Colusa; owner, Harry R Gray, 639 Colusa; contractor, Finn Rfg Co, 15 Echo Ave, Oakland.

ROOFING, $162; 2930 Magnolia St; owner, F E Crofts, prem; contractor, Malott & Peterson, 49th and Shattuck Ave, Oakland.

ROOFING, $100; 2641 Matthews; owner, Raymond Lopez(premises; contractor, J V Adams, 744 65th St, Oakland.

ALTER, $25; 1317 Peralta; owner and contractor, Milton J Dorms, 1317 Peralta.

RICHMOND

WAREHOUSE Addn. to cannery, $205,000; Tenth and Hall; owner, Felice & Perelli Canning Co, 10th and Hall; contracotr, Barrett and Hilp, 918 Harrison St, S F.

SCHOOL bldg, $82,000; 18th and Coalinga; owner, Richmond School District, 11th and Bissell; contractor, Elmer J Freethy, 1432 Kearney St, El Cerrito.

AUTO Salesroom and shop, $28,000; 100 23rd St; owner, Nash Richmond Motors, 3454 Harlan St, Oakland; contractor, Christensen & Lyon, 3454 Harlan St, Oakland.

PUBLIC Bldg, wood frame & stucco; 4416 Macdonald Ave, $17,000; owner, Richmond Jewish Community Center, 4416 Macdonald; contractor, Arthur Greenback, 2704 Rheem Avenue.

OFFICE and utility bldg, $14,300; 1311 Hall; owner and contractor, Standard Oil Co of Calif, 1500 Financial Center Bldg, Oakland; plans by Cecil S Mayer.

SERVICE STATION, $15,000; 3131 Macdonald; owner, Tony Faria, 10th and Barrett; contractor, Oscar Holland, 3030 Clinton Avenue, Richmond.

STORE BLDG, masonry, $12,000; 456-60 San Pablo Ave; owner and builder, Hanner Bros, 3239 Andrade.

RESTAURANT, 2-story brick, $12,000; 4220 Macdonald; owner, M J Hong, Berkeley; contractor, R F Johnson & Son, 2036 San Pablo Ave, El Cerrito.

GARAGS, masonry, $10,000; 531 16th St; owner and builder, Mike Miller, 1704 15th St.

OFFICE, steel and concrete, $8000; 24 9th St; owner and builder, W Hutson, 1014 Nevin Ave.

STORE Bldg, $7000; 4113-15 Macdonald; owner, Harry Rex, c/o cntr; contractor, R F Johnson and Son, 2036 San Pablo Avenue, El Cerrito.

COTTAGE, 7-rm, $7000; 446 Dimm; owner, Forrest J Simoni, 457 25th; contractor, Burbeck Bldrs, 758 18th Street.

STORE Bldg, stucco, $7000; 4216-18 Macdonald; owner, H T Dysland, c/o cntr; contractor, R F Johnson & Son, 2036 San Pablo Avenue, El Cerrito.

COTTAGE, 5-room stucco, $5500; 716 McLaughlin; owner and contractor, L E Connerley, Box 115, Pinole.

COTTAGE, 5-room stucco, $6000; 454 Dimm; owner, F J Simoni, 457 25th; contractor, Burbeck Bldrs, 758 18th Street.

DUPLEX, stucco, 3-rooms each, $5,000; 647-49 10th St; owner, E L Tompsett, c/o cntr; contractor, C G Adrews, 3500 Maconald.

COTTAGES, two 4-room stucco, $5,000 each; 1828 Burbeck, 735 19th; owner, Joe Sutter, Carquinez Hotel; contractor, C G Andrews, 3500 Macdonald Ave.

STORE bldg, masonry, $4500; 729 San Pablo; owner and builder, J P Torvik, 735 San Pablo Ave.

COTTAGE, 4-room stucco, $4,000; 1612 Mariposa; owner and builder, Pearl J McJimsey, 1335 Panhandle.

REMODEL bldg interior, $3000; 619 Macdonald; owner and contractor, Bill Luiz, premises.

COTTAGE, 5-room, $3000; 2728 Panhandle; owner and builder, Jos J Smith, premises.

BRAKE Shop, masonry, $2500; 267 5th St; owner, Brown & Whitlock, 5517 Ludwig Ave, El Cerrito; contractor, N Anderson, 2730 Barrett.

SAN JOSE

ALTER business bldg, $70,000 300 S First St; owner, Hale Brothers; contractor, MacDonald, Young and Nelson, 127 Montgomery St, San Francisco.

MORTUARY, $45,000; 710 Willow St; owner, Lima, Salmon & Tully; contractor, E A Hathaman, 1275 Glen Eyre Ave.

BUSINESS Bldg, $17,000; 783 The Alameda; owner, Tucker Printing Co; contractor, Lew Jones Constr.

RESIDENCE, 2-family, $13,000; 1066 Hedding St; owner and builder, Edward R Kilpstein.

INUDUSTRIAL Bldg, $13,000; 1175 Campbell Ave; owner and builder, F W Bagley, 76 S 2nd St.

BUSINESS Bldg, $11,000; 740 Emory St; owner, Neal R Barnard, 1039 McKendrie St; contractor, Lew Jones Constr Co.

RESIDENCE, 1-family, $10,000; 564 University Ave; owner and contractor, V H York.

RESIDENCE, 1-family, $10,000/ 1082 Ellis Ave; owner, J P Marden; contractor, Otto Petersen, 444 N 11th St, San Jose.

RESIDENCE, 1-family, $10,000; 1170 Camino Pablo; owner, M Frondier; contractor, F Winningar.

BUSINESS bldg, $9500; 13 N Market St; owner, Paul N Parker.

RESIDENCE, 1-family, $9000; 1021 Pine Ave; owner and builder, Garland B Hall.

RESIDENCE, five-room, $8500; 1082 Pine Ave; owner, Joe Di Napoli; contractor, Robt C Herschbach, Rte 1, Box 67A, Campbell.

RESIDENCE, 1-family, $8500; 1297 Glenwood Ave; owner and builder, Alfred E Haggard.

DUPLEX, $8000; 1619-21 East Saint James; owner and builder, Louise Pitts.

RESIDENCE, 1-family, $7000; 605 Chapman; owner and builder, D Monchamp.

BUILDING CONTRACTS
SAN FRANCISCO COUNTY

INTERIOR PAINTING WORK
19th, 20th, 21st and 26th floors of 140 NEW MONTGOMERY ST.
Owner—Pacific Tel & Tel Co.
Contractor—R P Paoli & Co.
Filed and Dated, ...
Payments not given.
TOTAL COST, $7,626
Plans filed December 11, 1945.

Building Permits, $500.00 and Over, Issued by the Board of Public Works SAN FRANCISCO COUNTY

JANUARY 22, 1946

597 Castro St; alter dwelling; cost, $1000; owner, Mrs P Mehas.

70 Otis St; alter bldg; cost, $800; owner, Brazell & Deutsch.

35 and 37 Stone St; alter dwelling; cost, $900; owner, Dere Sang.

4910 Judah St; alter fountain and store; cost, $1300; owner, Nick Dandrea.

2765 Hyde St; alter restaurant; cost $1500; owner, J Koeppler.

690 Great Highway; alter restaurant; cost, $3000; owner, Geo Whitney.

1077 Filbert St; alter apts; cost, $1000; owner, Mrs E Grabhorn.

2800 Anza St; alter apts; cost, $600; owner, Ralph Pugolar.

1563 Mission St; alter offices; cost $8000; owner, Chas Block.

1611 Pine St; alter shop; cost, $4,000; owner, Wm Bachman.

280 Golden Gate Ave; alter stores and hotel; cost, $1650; owner, Horne.

340 Lombard St; alter residence; cost, $3500; owner, V Smith-Wiild.

SE Cor Lafayette and Natoma; Class C bldg; cost, $2500; owner, L B A Hoffman.

W 40th Ave 125 S Lincoln, E 41st Ave 125 S Lincoln; two 1-story frame dwellings; cost, $5500 each; owner, United Housing Corp.

SE Harrison 217 NE of 3rd Street; Class C bldg; cost, $23,000; owner, California Pacific Title & Trust Co.

S Sadowa 180, 205 W Capitol; E Victoria 250, 275 N Stanley; four 1-story frame dwellings; cost, $5500 each; owner, L Baldwin.

W 43rd Ave 100, 125, 150, 175 N Ortega; E 44th Ave 100, 250 N Moraga; six 1-story frame dwellings; cost, $5400 each; owner, Superior Bldg. Co.

S Los Palmos Dr 46, 71, 96, 121, 146, 171, 196, 221 W Lulu Alley; S Burlwood Drive 48, 73, 98, 123 W Lulu Alley; twelve 2-story frame dwellings; cost, $7000 each; owner, Meyer Constr Co.

NE Cor 31st Ave and Ortega; E 31st Ave 25, 50, 75 N Ortega; N Ortega 70, 95 E 31st Ave; E 22nd Ave 150 S Lawton; seven 1-story frame dwellings; cost, $5500 each; owner, United Housing Corp.

NW Cor 35th and Santiago; 50 N Santiago W 35th Ave; two 1-story frame dwellings; cost, $5000 each; owner, Sigler M Kovacik.

N Balboa 63 E 28th Ave; Class C bldg; cost, $800; owners, V Kahn and Carl Semarian.

SE Tara St 320 NE Niagara Ave; 1-story frame bldg; cost, $1000; owner, F C Frank and E Vignati.

Furnace Permits

OAKLAND

4012 Penniman Ave; owner, Harruff; dealer, California Furnace Co; floor furnace.

1100 70th Ave; owner, Ebert; dealer, California Furnace Co; floor furnace.

739 40th St; owner, Glozochim; dealer, Aavoucks Heating & Appliance; floor furnace.

5441 Claremont; owner, De Lucchi; dealer, Aavoucks Heating & Appliance Co; central furnace.

2471 64th Ave; owner, Johnson; dealer, O C Wood; floor furnace.

558 Crofton Ave; owner, Tribley; dealer, California Furnace Co; floor furnace.

1334 93rd Ave; owner, J Gonzales; dealer, California Furnace Co; floor furnace.

5934 Hilton St; owner, Liening; dealer, California Furnace Co; central furnace.

3914 Brookdale; owner, Straub; dealer, California Furnace Co; floor furnace.

1280 78th Ave; owner, Gain; dealer, California Furnace Co; floor furnace.

2215 E 30th St; owner, Lazzarino; dealer, Al Chymbrain; floor furnace.

2558 14th Ave; owner, Walsten; dealer, Jackson Furnace Co; floor furnace.

268 Adams St; owner, Wilson; dealer, California Furnace Co; central furnace.

2221 Church St; owner, Swartz; dealer, California Furnace Co; floor furnace.

4107 Mera St; owner, Pickerell; dealer, California Furnace Co; central furnace.

Plumbing Permits

BERKELEY

2009 Addison; owner, H Williamson; dealer, J H Jevons; 2 w closets; 2 w basins; drain.

3044 Sacramento St; owner, E A Britton; dealer, W MacMillan; 2 w closets; 2 w basins.

640 Colusa; owner, R F Hamold; dealer, W H Picard; w closet; w basin; shower.

861 Contra Costa; owner, F E Fantazzi; dealer, W H Picard; sink.

3254 Adeline; owner, Oshizen; dealer, M L Hull; 2 w basins; dental cuspidor.

2645 San Pablo; owner, Paul Colon dealer, Swendermann; sink; w closet.

443 Spruce St; owner, Davidson; dealer, Swendermann; 2 w closets; 2 w basins; b tub; sink; w tub.

1819 Solano; owner, Solano Fish & Poultry; dealer, Swendermann; sink.

3116 Ellis St; owner, D Wilson; dealer, Swendermann; w closet; w basin; b tub; sink.

2923 Newberry; owner, R Nelson; dealer, Swendermann; w closet.

1173 Colusa; owner, Laird; dealer, Swendermann; w closet.

1106 Oxford; owner, H Wright; dealer, Swendermann; w closet; w basin; shower.

2779 Acton; owner, East Shore Homes, Inc; dealer, J A Fazio; w closet; w basin; b tub; sink; w tub.

2719 Matthews; owner, J M Walker; dealer, J A Fazio; w closet; w basin; b tub; sink; w tub.

1628 Derby St; owner, J M Walker; dealer, J A Fazio; w closet; w basin; b tub; sink; w tub.

Completion Notices

SAN FRANCISCO COUNTY

Recorded Accepted

Jan ...., 1946—W KIRKWOOD Ave and Mendell NW 76 SW 99.77 SW 106.21 NW 26.49 NE 99.47 SE 25; NE La Salla Ave being most northerly cor land conveyed by John M Segrue to C and C of S F 88.539 SE 25 SW 97.47 NW 26.47. Pio and Lidia Stefannito to Chas E Daly........January 17, 196

Jan 15, 1946—W HEAD 100, 125, 150 175, 200 W Sargent. Walter E and Max Hansen, Inc to whom it may concern........January 15, 1946

Jan 16, 1946—W 44th AVE 100 S Ulloa St. R F and Bernardine W Galli to whom it may concern.............................January 16, 1946

ALAMEDA COUNTY

Recorded Accepted

Jan 21, 1946—1870 SOLANO AVE, Berkeley. Tirol Co to H S Paddock.............................January 12, 1946

Jan 21, 1946—2901 REVERE AVE. Oakland. Cornelius and Martha Amann to Bevilacqua Bros.............. ....January 19, 1946

MARIN COUNTY

Recorded Accepted

Jan 18, 1946—SYCAMORE VILLAGE. Mill Valley. Marin Capital Co to Goheen Constr Co.............. ....January 18, 1946

MONTEREY COUNTY

Recorded Accepted

Jan 14, 1946—PARCEL of land, 65 ft on Fairground Road, 145 ft deep, near Del Monte Hotel. Albert R Miller, Monterey, to Hodgen & Cropley.....................January 10, 1946

Jan 19, 1946—LOT 9 Blk 350, Fairway Homes Tract, Pacific Grove. Ernest M and O W Lunt, Salinas to whom it may concern.... ....January 19, 1946

SAN MATEO COUNTY

Recorded Accepted

Jan 15, 1946—LOT 7 Blk 14, Lenolt. Phoebe R Cassidy to Harry H Weiner.....................January 15, 1945

Jan 16, 1946—812 DOUGLAS ST, Redwood City. Elsworth T James etc to whom it may concern......... ....January 16, 1946

Jan 16, 1946—LOT 7 Blk 4, S "B" St Tr. Harry J Hardy to whom it may concern......January 14, 1946

Jan 17, 1946—WHITE OAKS. San Carlos Elementary School Dist to Peter Sartorio..............Jan 19, 1946

Jan 17, 1946—PTN LOT 5 Block 3, Beresford. Harry Shapiro, etc to whom it may concern............. ....January 17, 1946

Jan 17, 1946—LOT 9 Blk 10, Belle Haven City. Francis L Newton to D D Bohannon Organization.... ....January 15, 1946

Jan 18, 1946—464 SAN MATEO Ave San Bruno. R H O Bohr to Fred W Scheil..................January 17, 1946

Jan 18, 1946—LOTS 20 and 21 Blk 1 W W & M Sub of Redwood Farm. Ethel Grace Hileman to Martin D Priest..............Dec 15, 1946

Jan 18, 1946—LOTS 7 and 8 Blk 10, Clark Tract. Wm C Bullard to Cassato Sabin..............Dec 9, 1945

Jan 19, 1946—LOTS 21 and 22 Blk 6, Swift Sub. Wallace Ohran to whom it may concern............. ....January 19, 1946

Non-Responsibility

SAN FRANCISCO COUNTY

Jan 26, 1946—202 HEMLOCK. Alberta Pruett as to improvements on property.

Jan 23, 1946—701 McALLISTER ST. Michael J Fritz as to improvements on property.

Jan 15, 1946—NW TURK and Jones. Jesse S Marks, Robert and Mildred A Patterson as to improvements on property.

Engineering Section

January 23, 1946

BIDS OPENED

MARION COUNTY, Ore.—Kuckenberg Constr. Co., 11104 NE Holman, Portland, at $387,929 submitted low bid to the State Highway Commission, R. H. Baldock, State Highway Engineer, Public Service Building, Portland, for Gates-Niagara section of N. Santiam secondary highway; Federal Project No. S-220 (2); 3.53 miles grading and bituminous macadam surfacing, furnishing 3000 c.y. of crushed rock in stockpiles, approx. 369,000 c.y. excavation, 490 c.y. concrete, 79,00 0lbs. metal reinforcing, 40,700 c.y. crushed rock, 290 tons of asphaltic materials.

Other bidders were:

Berke Bros., Portland, $415,520; K. L. Goulter Co., Seattle, $418,474.50; E. C. Hall Co., Tigard, Ore., $439,828.50; Sound Constr. & Engrg. Co., Seattle, $513,697.

Bids referred to Engineer. • • 29

30—RESERVOIRS & DAMS

January 23, 1946

CONTRACT AWARDED

DAVIS DAM PROJECT, Arizona-Nevada.—The Utah Construction Co., jointly with Morrison-Knudsen Co., Boise, Idaho; General Construction Co., Seattle, Wash.; Kaiser Co., Oakland, Calif; Pacific Bridge Co., San Francisco; Winston Bros., Minneapolis, Minn.; Raymond Concrete Pile Co., New York, N. Y., and Modglin-Kahn Corp., 1 Montgomery St., San Francisco, at $21,462,505, were awarded contract by the Bureau of Reclamation, Denver, Colo., for furnishing labor and materials and performing all work for the construction of Davis dam and power plant, Davis Dam Project, Arizona-Nevada; Specification No. 1130. The work is situated on the Colorado River about 30 miles west of Kingman, Ariz. • 30

31—PIPE LINES & WELLS

January 23, 1946

CONTRACT AWARDED

CAMP JOHN T. KNIGHT, Oakland, Alameda Co., Calif.—E. T. Haas Co., Box 411, San Mateo, at $26,448, awarded contract by the U. S. Engineer Office, 74 New Montgomery St., San Francisco, under Spec. 2335 for construction of 16-inch pipeline crossing at Camp John T. Knight, Oakland. • 31

32— SEWERS & SEWAGE DISPOSAL PLANTS

January 23, 1946

PLANS BEING PREPARED
SEWER TREATMENT PLANT
Estimated Cost $107,276.26
MONROE, Wash.
Construction of a complete sewage treatment plant, including equipment, pumphouse, clarifier, digester and sewer system, including mains, interceptor sewers, laterals and manholes.
Owner—City of Monroe, Wash., Harry T. Bennett, mayor.
Consulting Engineer — James W. Carey & Associates, Alaska Trade Bldg., Seattle, Wash. 32

January 23, 1946

PLANS APPROVED

SEATTLE, Wash.—The City Council has approved plans for the installation of additional front sewers and sewer outfalls into Puget Sound. Est. cost, $3,000,000. Funds to be raised through March election bond issue. • 32

January 23, 1946

BIDS WANTED

GLENDORA, Los Angeles Co., Cal. —Until January 29, 7:30 P. M., bids will be received by the City Council of the City of Glendora, office of the city clerk, City Hall, Glendora, for labor and materials for the construction of a storm drain and other work along Minnesota Ave., Glendora. 32

January 23, 1946

CONTRACT AWARDED

KLAMATH FALLS, Ore.—Clifford A. Dunn, Box 431, Klamath Falls, at $84,579, awarded contract by E. Stanton Foster, assistant development director, FPHA, 346 Skinner Bldg., Seattle, Wash., for the construction of a sewe rsystem and treatment plant to serve public housing units and residences occupied by personnel at the Naval Air Station, Klamath Falls, Ore.

Only other bidder was C. F. Davidson, Tacoma, Wash., at $102,000. • 32

33—WATERWORKS

January 23, 1946

BIDS OPENED

ALAMEDA, Alameda Co., Calif.—Anderson & Rowe, 2501 Harrison St., San Francisco, at Item (1) $227,297, submitted the low bid to the Public Works Office, 12th Naval District, Room 402 Marshall Square Bldg., 1182 Market St., San Francisco, under NOy 12355, Spec. 16582, for additions to water system for fire hydrants and domestic supply, Naval Air Station, Alameda.

Complete bids were:

Anderson & Rowe, (1) $227,297, (2) $7837, (3) $23,999, (4) $7555, (5) $3055, (6) $7 ton.

Haas Construction Co., San Francisco, (1) $245,124, (2) $6300, (3) $38,000, (4) $12,750, (5) $4400, (6) $7 ton.

Charles L. Harney, San Francisco, (1) $276,800, (2) $3000, (3) $35,000, (4) $9000, (5) $4000, (6) $5 ton. • 33

Machinery & Material

RECLAMATION BUREAU

DENVER, Colo. — Until February 25, 2 P. M., bids will be received by the Bureau of Reclamation, Walker R. Young, chief engineer, Denver, Colo., under Spec. No. 1156 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Redding, Calif., at the option of the bidder, four motor-driven gate hoists for operating the 50 x 50 ft. regulating gates to be installed in the spillway at Keswick Dam, Kennett Division, Central Valley Project, California. The gate hoists will be installed by the government. The specifications contain a provision for liquidated damages for delay. No charge for copies of the specifications to prospective bona fide bidders; to others, $1, not returnable. For particulare, address the Bureau of Reclamation, Denver, Colo. •

STATE PURCHASING AGENT

SACRAMENTO, Calif. — Bids will be received by the State Purchasing Agent, Sacramento, for materials as follows:

January 24

QUO. 31868, REQ. 3801:
One medium weight dry type jackhammer rock drill, f.o.b. Redding.

January 30

QUO. 30319, REQ. 165:
One portable air compressor with two-wheeled pneumatic-tired mounting and caster wheel retractable for towing, f.o.b. Sacramento. 20

S. F. SURPLUS PROPERTY

SAN FRANCISCO.—Until Jan. 29, orders will be received by the Reconstruction Finance Corp., Office of Surplus Property, 30 Van Ness Avenue, for the sale to wholesalers and retailers of approximately 81,000 new U. S. Army picks and 400,000 shovels. Specifications available at the above office. •

SAN FRANCISCO.—Until Feb. 5, orders will be received by the Reconstruction Finance Corp., Office of Surplus Property, 30 Van Ness Ave., for the sale of miscellaneous flat paint brushes, whitewash brushes, kalsomine brushes, and oval varnish brushes. Orders are restricted to wholesalers, and large and small retail buyers. •

U. S. TREASURY

SAN FRANCISCO.—Until Feb. 12, 2 P. M., bids will be received by the U. S. Treasury Dept., 30 Van Ness Ave., under Inv. SF 2757-46 for 425 kegs of nails fob 1240 Palmetto St., Los Angeles.

Specifications obtainable from the above office. • •

Electrical Permits

SAN FRANCISCO COUNTY

7787 109 Edgewood Ave; owner, Dr Emge; contractor, Edw W Scott Elec Co; service.

7788 1781 Mission Street; owner, Schwartz Sausage Factory; contractor, Buzzell Elec Works; 15 motors; service; 2 transformer.

7789 728 Lincoln Way; owner, Hanna; contractor, Bertrand Electric Co; 2 outlets; 4 switches; 4 plugs.

7790 276 Orizaba St; owner, N E Johnson; contractor, Strom & Smith; 13 outlets; 11 switches; 13 pugs

7791 272 Orizaba St; owner, N E Johnson; contractor, Strom & Smith; 13 outlets; 11 switches; 13 pugs

7792 295 Farallone St; owner, N E Johnson; contractor, Strom & Smith; 13 outlets; 11 switches; 13 pugs

7793 430 Hyde St; owner, A Cohn; contractor, Pacific Elevator & Equip Co; 1 motor.

7794 77 O'Farrell; owner, J Magnin Co; contractor, Pacific Elevator & Equip Co; 2 motors.

7795 256 Sutter St; owner, ...; contractor, Pacific Elevator & Equip Co; 8 plugs 1 motor; alterations.

7796 138 Parque Drive; owner and contractor, H Hennig; 4 outlets; one switch.

7797 46 Geary St; owner, Silver; contractor, Smith Elec Co; service; alterations.

7798 355 Fremont St; owner, ...; contractor, Weidenthal-Gosliner Elec Co; 1 motor.

7799 956 Cole St; owner, Drouble Bros; contractor, Quality Elec Co; 4 outlets; 1 switch; 2 motors.

7800 1216 Clay St; owner, Webb; contractor, J K Herzog Elec Co; 12 outlets; 8 plugs.

7801 2004 Mission St; owner, Bon Ome; contractor, E A Koenig; 1 outlet; 1 switch; 3 plugs.

7802 727 Laguna St; owner, M Hin Yee; contractor, Ets-Hokin & Galvan; 2 outlets; 2 switches; 2 plugs; service.

7803 1670 Haight St; owner, E Margo; contractor, American Electrical Const; 111 outlets; 8 switches; 14 plugs; service.

7804 335 Pine; owner, E Clemens Horst; contractor, American Electrical Const; alterations.

7805 E 45th Ave 150 S Pacheco; owner, Galli; contractor, Richmond Electric; service.

7806 NE corner 31st Ave and Quintara St; owner, United; contractor, Richmond Electric; service.

7807 287 Geary; owner, De Lucca & Son; contractor, Lynch Electric; alterations.

7808 2235 Chestnut St; owner, De Lucca & Son; contractor, Lynch Electric; 3 outlets; 1 switch.

7809 4041 Geary; owner, Hill & Smale; contractor, Manning & Whitaker; 9 outlets; 1 switch; 5 plugs.

7810 89 Ashton Ave; owner, City and County of San Francisco; contractor, Department of Public Works; alterations.

7811 85 Post St; owner, Fanny Wolmar; contractor, Marelco, Inc; 12 outlets; 4 plugs.

7812 1510 Haight St; owner, M Fox; contractor, Brumfield Electric Sign Co; sign; alterations.

7813 1620 Pacific St; owner, M Hinterman; contractor, Brumfield Electric Sign Co; sign; alterations.

7814 1211 Golden Gate Ave; owner, Douglas Bros; contractor, Brumfield Electric Sign Co; 1 sign; alterations.

7815 570 Market St; owner, M Newman; contractor, Brumfield Electric Sign Co; sign; 2 transformers.

7816 199 O'Farrell St; owner, Gus Casareto; contractor, Brumfield Electric Sign Co; 2 transformers.

7817 1548 California St; owner, M Montgomery; contractor, Brumfield Electric Sign Co; 2 transformers.

7818 1500 Haight St; owner, M Holcombe; contractor, Brumfield Sign Co; 2 transformer.

OAKLAND

34916 3258 Hollis St; owner, Mastercraft; contractor ,Marelco, Inc; 10 outlets; 3 switches; 10 fixtures.

34917 3934 Broadway; owner, Garden Basket Market; contractor, Marelco, Inc; motors.

34918 Foothill and Mitchell; owner, Signal Oil Co; contractor, Shea Electric Co; alterations.

34919 82nd and MacArthur; owner, Signal Oil Co; contractor, Shea Electric Co; alterations.

34920 1812-14-16 E 14th St; owner, Mr Fox; contractor, Shea Electric; outlets; switches; fixtures; plugs.

34921 1575 7th St; owner, Mead Co; contractor, Shea Electric; outlets; switches; fixtures; plugs; alterations.

34922 5642 College Ave; owner, Vanderbeck; contractor, Neon Maintenance Corp; fixtures.

34923 1023 Market St; owner, Mill Engineering & Machinery; contractor, T L Rosenberg Co; 27 outlets; 18 swtiches; 8 fixtures; 30 plugs.

34924 NE 56th Ave and E 14th St; owner, Risdon; contractor, Marelco, Inc; outlets; switches; fixtures; plugs

34925 821 57th St; owner, Thumann; contractor, special owner; motors.

34926 3920 California; owner, Hudson; contractor, James Anderson; outlets; switches; fixtures; plugs.

34927 38 Blackford; owner, Brothers; contractor, Spott Electrical Co; switches; plugs; alterations.

34927 1924 Broadway; owner, Kaiser; contractor, Spott Electrical; alterations.

34928 4029 Piedmont Ave; owner, Mohrdick; contractor, Spott Electrical; 20 fixtures.

34929 1420 Alice St; owner, Cleanrite Cleaners; contractor, Spott Electrical; alterations.

34930 144 Frisbie St; owner, Garbutt; contractor, Spott Electrical Co; 3 plugs.

34931 276 Lee St; owner, Johnstone; contractor, Spott Electrical; outlets; switches; fixtures; alterations.

34932 1006 Broadway; owner, Tisher; contractor, Spott Electrical Co; alterations.

34933 1628 Franklin St; owner, Eaton House; contractor, Spott Electrical Co; alterations.

34934 438 10th St; owner, Star Cafe; contractor, Spott Electrical Co; alterations.

34935 omitted.

34936 685 Calmar Ave; owner, Vassar; contractor, Crescent Electric Co; service.

34937 384 50th St; owner, Joseph; contractor, Paramount Electric Co; alterations.

34938 1721 E 14th St; owner, Tidy Didy Laundry; contractor, Clifford Electric Co; motors.

34939 1901 San Pablo; owner, Four Star Liquor Store; contractor, Matson Electrical Equipment; alterations.

34940 2601 Wood St; owner, Chemicals Co; contractor, T L Rosenberg; motors.

34941 26th and Magnolia; owner, Laher Spring & Tire Co; contractor, T L Rosenberg Co; motors.

34942 1512 Franklin St; owner, Sjoberg; contractor, Fred Schmits; fixtures.

34943 SW 12th and Harrison Sts; owner Doe; contractor Fred Schmits; outlets; switches; fixtures; plugs; alterations.

34944 SE San Leandro Blvd and Stone; owner, Mortensen; contractor, Fred Schmits; outlets; switches; fixtures; plugs.

34945 9621 San Leandro Blvd; owner, Signal Oil Co; contractor, Electrical Products Corp; sign.

34946 8201 MacArthur Blvd; owner, Signal Oil Co; contractor, Electrical Products Corp; sign.

BERKELEY

87 1101 Euclid; owner, ...; contractor, College Ave Elec; 4 outlets; 4 switches; 4 fixtures; 3 plugs; two circuits.

88 2820 College; owner, ...; contractor, College Ave Elec; new service.

89 2822 Ward; ower, ...; contractor, College Ave Elec; range.

90 2543 Piedmont; owner, ...; contractor, College Ave Elec; new service.

83 1828 Prince; owner, S F Bailey; contractor, Timmons & Berk; 3 outlets; 3 switches; 11 fixtures; two circuits; 11 plugs.

84 2115 San Pablo; owner, ...; contractor, Timmons & Berk; 4 outlets; 1 switch; 4 fixtures.

85 2635 Hillegass; owner, G F Rogers; contractor, College Avenue Elec; 4 outlets; 4 switches; 8 plugs; 4 circuits.

86 1521 Shattuck Avenue; owner, ...; contractor, College Avenue Electric; new service.

Official Proposals

Construct Project Calif. F.H. 32-K, Placerville-Lake Tahoe, Eldorado National Forest, El Dorado County, California.

FEDERAL WORKS AGENCY, PUBLIC ROADS ADMINISTRATION, San Francisco, California, January 21, 1946. Sealed bids will be received at the office of the Public Roads Administration, 720 Phelan Building, San Francisco, California, until 2:00 p.m. on **February 14, 1946**, and then publicly opened for furnishing the materials and performing the work for constructing Project California F.H. 32-K, Placerville-Lake Tahoe, Eldorado National Forest, El Dorado County, California. The length of this project is 3.142 miles and the principal items of work are approximately as follows: 38 acres clearing and grubbing; 424,000 cu. yds. unclassified excavation; 2,100 cu. yds. unclassified excavation for structures; 32,000 cu. yds. unclassified excavation for borrow; 1,300,000 sta. yds. overhaul; 143,000 cu. yd. mi. special overhaul of borrow; 1,000 lin. ft. furrow ditches; 13,960 M Gals. watering; Lump sum providing and maintaining water plant or plants; 16,500 tons crushed gravel or crushed stone base course; 180 tons cutback asphalt; 600 tons cover aggregate for seal coat; 11,200 tons plant mixture; 535 tons asphalt for plant mixture; 340 cu. yds. concrete; 39,900 lbs. reinforcing steel; 28,500 lbs. structural steel; 1.1 M. ft. B.M. untreated timber; 2,996 lin. ft. C.G.S.M. culvert pipe; 7 C.G.S.M. culvert pipe elbows; 98 lin. ft. removing, cleaning and relaying or stockpiling salvaged culvert pipe; 15 drop inlets; 15 steel inlet covers; 2 embankment spillway inlet assemblies; 150 sq. yds. grouted rubble gutter; 80 right of way monuments; 4 concrete maintenance marker posts; 27 timber culvert markers; 156 timber guide posts. The minimum wage paid labor employed on this project shall be in accordance with the classified labor rates set forth in the Special Provisions. Plans and specifications may be examined by prospective bidders at Room 723 Phelan Building, San Francisco, at the Associated General Contractors' Offices at 216 Pine Street, San Francisco, 707 Architects Building, Los Angeles, and Hotel Golden, Reno, Nevada, and at the California Division of Highways, Sacramento. Where copies of plans and specifications are requested a deposit of $10 will be required to insure their return. If these are not returned within 15 days after opening of bids the deposit will be forfeited to the Government. Checks should be certified and made payable to the Treasurer of the United States. Plans, specifications and proposals may be obtained at the office of the Public Roads Administration, 720 Phelan Building, San Francisco 2, California. CHAS. C. MORRIS, Division Engineer.

(Daily Pacific Builder)
(Jan. 23, 1946)

Classified Advertising

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STATE LIBRARY

PLANS and Speculations

Western YOLO COUNTY has assurance from the State Highway Commission that $456,00 will be made available immediately for the construction of 5.7 miles of the Vacaville - Winters - Dunnigan cutoff.

oOo

One acre of the land next to the Masonic Temple in CONCORD was sold last week to John G. and Clara Johnson, owners of Quality Bakery. Mr. and Mrs. Johnson plan to build a theatre on the site costing between $60,000 and $70,000.

oOo

Professor Raymond W. Jeans, who heads the University School of Architecture, is preparing plans for the new Grace Episcopal church and parish hall in MARTINEZ. The site is a 100 by 150 foot lot at Pine and Haven streets.

oOo

Foundation work has started for the new Galen Company, Inc., plant at 1141 S. 14th St., RICHMOND. Transfer of operations, including headquarters, from the firm's present location at 2148 Fourth Street, Berkeley, is expected to begin in March.

FIRST UNIT NEW S. F AIRPORT TO GO OUT TO BIDS

James H. Turner, Manager of Utilities, has announced that plans and specifications for the first unit of work under the new $20,000,000 San Francisco airport bond issue will go out to bids in about ten days.

Work will involve a fill of approximately 6,00,000 yards.

Henry J. Kaiser, chairman of the Board of the Kaiser - Frazer Corporation, has revealed plans for an addition to the FONTANA plant, which will cost between $10,000,000 and $15,000,000. The new mill will produce strip steel.

oOo

Sears, Roebuck has announced plans for a $5,000,000 store at Masonic Avenue and Geary Blvd., in SAN FRANCISCO. The two-story structure is scheduled for completion early in 1947. The parking lot in conjunction with the store will accommodate approx. 900 cars.

oOo

The Oakland Canning Company has taken out a permit for a $210,000 plant, and the Pacific Can Company has been issued a permit for a $290,000 factory. Both are being constructed on the Pacific Can Company's 25-acre site at West Avenue and Menlo Street in SAN LEANDRO.

POWER STUDY PLANNED FOR NORTHWEST

Announcement of a Department of the Interior study of the power market and supply of the basins of the Snake River and tributaries down to and including the Salmon River, to be conducted jointly by the Bureau of Reclamation and the Bonneville Power Administration, was made today by R. J. Newell, Regional Director for the Bureau, and Paul J. Raver, Bonneville Power Administrator.

The objective of the survey, according to a directive issued to both agencies by Secretary of the Interior Harold L. Ickes, is to provide for the maximum over-all development of this area "through the construction of the multiple-purpose water conservation projects planned by the Bureau of Reclamation and through the availability of the low cost electric power from the Columbia River system."

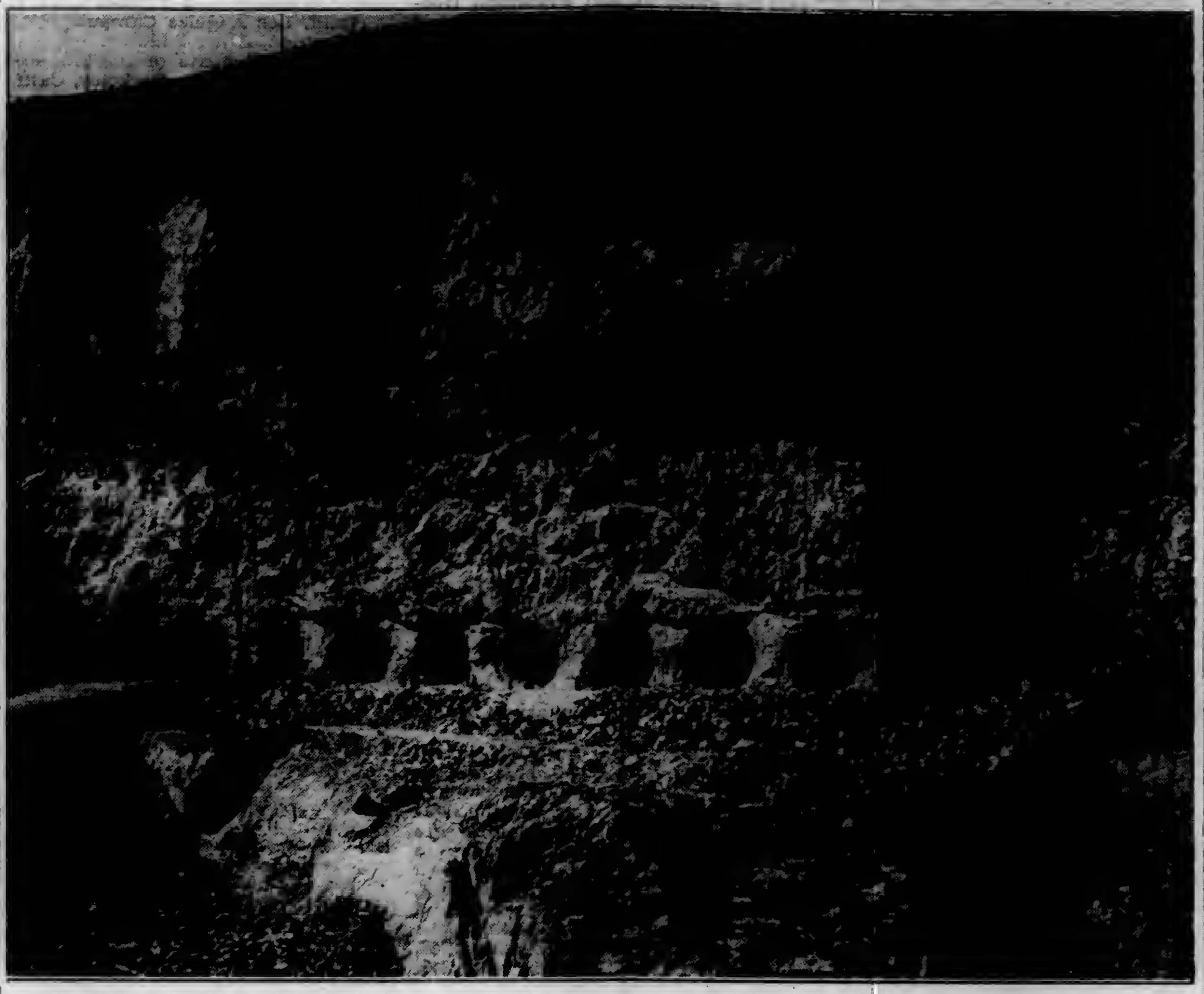
The agencies will submit recommendations leading to the most effective power construction program for the Basin consistent with the full development of the area, including dams, generating and transmission facilities as well as proper wholesale rates to be charged for power in the area by the Department of the Interior, the announcement stated.

The region to be covered in the study will include part of eastern Oregon, all of southwestern and southeastern Idaho, and small portions of Wyoming, Utah and Nevada.

CHARLES C. HANNAH LAST RITES TODAY

Funeral services for Charles C. Hannah, President of Firemans Fund Insurance Company and member of the San Francisco Builders' Exchange, who passed away Sunday, will be held today, January 24, at 2:00 p. m., at St. Matthew's Episcopal Church, San Mateo. Interment will be at Cypress Lawn Memorial Park. Friends may call at the chapel of Crosby-N. Gray & So., 221 Park Rd., Burlingame, until 12 noon Thursday.

GRAND COULEE TUNNELS



COULEE DAM, Wash.—Driven through solid granite by the Bureau of Reclamation, these tunnels at Grand Coulee Dam will carry water for the extensive Columbia Basin Project in south-central Washington. Varying from 487 feet to 530 feet in length, the bores will be fitted with steel pipes 12 feet in diameter and will be served by the world's largest pumps forcing water from nearby Lake Roosevelt. The pipes will emerge from the hill in the background and lead to a feeder canal which will empty into the Grand Coulee Equalizing Reservoir about 2 miles away. The Bureau recently called for bids on the gigantic pumps.

J. G. LINDLEY APPOINTED TO BUREAU POST

Appointment of James G. Lindley as Chief of the Regional Branch of Operation and Maintenance, U. S. Bureau of Reclamation, was announced today by Richard L. Boke, Regional Director at Sacramento.

Chief among the duties of this branch that lie immediately ahead are the prosecution of the repayment contracts with irrigation districts that are to be served water by the Central Valley Project, and completion of the Bureau's plans for opening to homestead entry about 7,000 acres of the Klamath Project, Oregon-California.

Prior to this appointment, and since 1942, Lindley was Project Director of the War Relocation Center at Amache, Colo., in charge of the activities of 8,000 evacuees. Before that he was manager of the Gila River District, Arizona, of the Soil Conservation Service, and later was Regional Engineer for that agency with headquarters at Albuquerque, N. M., where he had charge of construction and maintenance of soil conservation projects in four states of the arid southwest where all crop agriculture is by irrigation.

Before working for the Government, Lindley was Superintendent of the Clifton property of Phelps Dodge Corporation, a smelter that turned out 10 million pounds of copper a month; for that and other companies he had built and operated smelting and mining properties in the southwest United States and in Mexico.

Lindley is a native of Missouri. He attended high school in California, and college at the University of Oregon and the University of Arizona, with degrees B.S. and M.E. He is married and has one daughter.

L. A. HOME SHOW PRESIDENT IS RE - ELECTED

Re-election of M. J. Brock as president of the Southern California Construction Industries Exposition and Home Show, and the admission of two additional trade associations as members of the project, was announced today by Lawrence B. Gibbs, secretary of the exposition corporation.

The two associations admitted are the Pacific Coast Gas Association and the Southern California Radio & Electrical Appliance Association, bringing the total to 14 trade associations as participating operators of the show.

"National and local manufacturers have already reserved more than 45 per cent of the auditorium space," said Brock, in accepting re-election.

"Exhibitors include trade associations, building materials, contractors, electrical appliances, radio manufacturers, home furnishings, gas appliances, heating and ventilation, lumber and lumber treating, steel and brass, paint contractors, sales and manufacturers, home financing, banks, hardware supplies, home motion pictures, floor polishes, water softeners, termite control, and other classifications", Brock stated.

The exposition, which will present postwar developments in construction and home building and appliances, will be held at the Pan Pacific Auditorium from July 12 to 21.

Other officers re-elected are Earl S. Anderson, first vice-president; Frank Jani, 2nd vice - president; Lawrence B. Gibbs, secretary, and A. L. Stone, treasurer. Management is under the direction of the Tabery Corporation.

G. E. EXPERT CONFERS WITH S. F. OFFICIALS

W. H. Robinson, nationally-known lighting authority, arrived in San Francisco this morning for a two-day conference with local electrical officials. Robinson is Advertising Manager of General Electric Company's Lamp Department in Nela Park, Cleveland.

Sponsored by General Electric, Robinson will be guest speaker at a dinner meeting this evening being held for local wholesale lamp distributors at the Sir Francis Drake Hotel. He will also talk before utility executives tomorrow noon at a luncheon meeting at the Sir Francis Drake. His subject, "Relighting America" was a slogan first introduced by the electrical industry at the Victory Lighting Jubilee held recently in New York City.

Stressing improved retail store lighting, Robinson will feature General Electric's contribution to the industry progam. . . a color movie "Seeing Is the Biggest Thing In America". The relative importance of better store illumination to increase retail sales and greated production is demonstrated in the film. In addition to the motion picture, he will also highlight other sales points of vital interest to the electrical industry in its postwar campaign to "relight America".

Well known in the national lighting field for many years, Robinson has contributed much to lighting programs throughout the nation. He has long stressed a wider and more intelligent use of G. E. fluorescent lamps. After his visit in San Francisco he will go to Los Angeles, Salt Lake City and Denver, before returning to his headquarters in Cleveland.

Use of Purchasing Power in Planning Shopping Centers Shown in New Study

The use of purchasing power as a yard-stick in planning neighborhood shopping sections is urged in the latest study of the National Committee on Housing, "Planning Neighborhood Shopping Centers", just published.

The study calls attention to the fact that most communities are over-zoned and over-built as far as neighborhood stores are concerned and points out that only by advance study and planning may improvements be made in shopping conveniences and physical appearance of communities. Maintenance of real estate values and relief to distressed retal merchants are other problems analyzed in the study, which also outlines methods of rectifying existing conditions and planning new neighborhood shopping areas.

A foreword by Mrs. Samuel I. Rosenman, Chairman of the National Committee on Housing, Inc., points out that while "adequate neighborhood shopping centers have been recognized as vital to every community, no yardstick has been readily available which would serve as a basis for determining the requirements of such centers. The number of empty and marginal stores which characterize almost every community in the country and the recurrent failures of thousands of small merchants annually, attest to the need for well-planned commercial centers.

"The conclusions to be drawn from the facts presented in 'Planning Neighborhood Shopping Centers' are that most communities, old and new, are over-zoned and over-built as fas as neighborhod stores as concerned. There is no profit to the real estate owner, the merchant, or to the community in over-building and over-zoning for retail trade. The newer and better way will be to plan neighborhood shopping centers in terms of neighborhood needs and neighborhood purchasing power".

Marcel A. Villanueva, A.I.A., planning consultant, who made the study, explains that its chief objective is to call attention to the need of planning commercial centers in terms of the purchasing power of the population to be served and of finding new planning standards for such centers.

"It is time for all groups in the community," the author states in his introduction, "to know the number of unprofitable businesses, the pitiful earnings of the majority of merchants and the percentage of failure that recur every year in the same locations and for the same reasons.

"An analysis of the health of the retail trade reveals unbelieveable distress among the great majority of merchants. Too many stores, particularly small ones, constantly fail. Due to ignorance, merchants continue to open stores

(Continued on Page 4)

VICE-PRES. SAMUEL LUNDEN TO SPEAK AT AIA MEETING

Program chairman J. Francis Ward has just announced that architect Samuel Lunden, Vice-President of AIA, will be a guest speaker at the Friday night dinner of the Northern California Chapter.

Lunden, former president of the Southern California Chapter, will be remembered here for his stimulating talk given before the Construction Industry Conference, held at the Palace Hotel last November. Since his election as Vice - President of the Institute, he has devoted a great amount of time to the unification program in California and thruout the country. All architects are urged to attend the meeting. Kindly call the Chapter office, DOuglas 4561, and make your reservations.

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ADVANCE CONSTRUCTION REPORTS

DAILY PACIFIC BUILDER
(Established 1890)
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DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

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4— FACTORIES AND WAREHOUSES

January 24, 1946
TO START WORK
HONOLULU, T. H.—McNeil Construction Co., 5860 Avalon Blvd., Los Angeles, will build a concrete and structural steel warehouse building to contain approximately 50,000 sq. ft. of floor space on a site to be announced later in Honolulu, T. H., for Sears, Roebuck & Co.; estimated cost $250,000.

The purchasing of local materials will be handled through McNeil Construction Co. main office, 5860 Avalon Blvd., Los Angeles, and balance will be purchased through McNeil Construction Co., P. O. Box 555, Honolulu. * 4

January 24, 1946
CONTRACT AWARDED
WEST END, Searles Lake, Inyo Co., Calif.—Prime contracts have been awarded by West End Chemical Co., H. D. Hellmers, general superintendent, Latham Square Bldg., Oakland, for expansion to the company's plant at West End, Searles Lake, Inyo County, involving additional housing and plant improvements to cost approximately $750,000, as follows: Western Pipe & Steel Co., 5717 S. Santa Fe Ave., Vernon, for fabricated steel; Santa Fe Tank & Tower Co., 4820 Santa Fe Ave., Vernon, for wood tanks; J. T. Thorpe, Inc., 948 E. 2nd St., Los Angeles, for brick work on furnaces, kiln and boilers; C. F. Braum & Co., 1000 S. Fremont Ave., Alhambra, for heat exchangers, and Gay Engineering Co., 2730 E. 11th St., Los Angeles, for refrigeration equipment.

Plant changes are to include installation of a battery of stainless steel heat exchangers, a compressor which will increase plant refrigeration by 200 tons a day, 20 carbonating towers, a new boiler and other improvements. * 4

7—FEDERAL BUILDINGS

January 24, 1946
CONTRACT AWARDED
FEDERAL BUILDING
OCEANSIDE, San Diego Co., Calif. San Diego Area, Camp Pendleton.
Construction of facilities for consolidated track vehicle batallion at Marine Training Command.
Owner—Bureau of Yards and Docks, Navy Department, Washington, D. C.
General Contractor—Haddock Engineers, Ltd., P. O. Box 479, Oceanside, Calif. 7

January 24, 1946
PREPARING PLANS
FEDERAL BUILDING Cost—Negotiated
SAN PEDRO, Los Angeles Co., Calif. Terminal Island.
Services for design of new ordnance building.
Owner—Bureau of Yards and Docks, Navy Department, Washington, D. C.
Architect—Gordon B. Kaufman, 458 S. Spring St., Rowan Bldg., Los Angeles 13.
Engineer—Norman B. Green, 458 S. Spring St., Rowan Bldg., Los Angeles. 7

January 24, 1946
CONTRACT AWARDED
FEDERAL BUILDING Cost, $4,330
EL TORO, Orange Co., Calif., Marine Corps Air Station.
Installation of floor covering for bachelor officers' quarters; NOy 13336.
Owner—Bureau of Yards and Docks, Navy Department, Washington, D. C.
General Contractor—Crown Carpet & Linoleum Co., 4231 Park Blvd., San Diego, Calif. 7

January 24, 1946
BIDS OPENED
SANTA CRUZ, Santa Cruz Co., Cal.—Chas. E. Wait, 355 West 110th St., Los Angeles, at $1524 submitted low bid to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for waterproofing concrete sidewalk and driveway, repairs and repointing steps, etc., U. S. Post Office, Santa Cruz.

Other bidders were:
Grohne, Inc., Decatur, Ill., $1839.
Nick Hemminga, San Francisco, $2850.
Conrad Sovig, San Francisco, $3289. * * 7

January 24, 1946
BIDS OPENED
SAN FRANCISCO.—Adam Arras & Son, 116 New Montgomery St., San Francisco, at $745, submitted low bid to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for new wire mesh partitions and interior painting at new U. S. Mint building, San Francisco.

Other bidders were:
Charles E. Wait, Los Angeles, $824.
Protective Wire Co., $858.
Michel & Pfeffer Iron Works, San Francisco, $1379.
Edward L. Schwartz, San Francisco, $1721. * 7

January 24, 1946
BIDS OPENED
SAN FRANCISCO.—Westinghouse Electric Co., Elevator Division, San Francisco, at $2360, submitted low bid to office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for elevator repairs, etc., at 100 McAllister St. building, San Francisco.

Other bidders were:
San Francisco Elevator Co., San Francisco, $2596.
Pacific Elevator & Equipment Co., San Francisco, $2984. * 7

8— CLUB BUILDINGS

January 24, 1946
CONTRACT AWARDED
LOS ANGELES, Cal.—Myers Bros. 3407 San Fernando Road, Los Angeles, awarded a contract and will start work immediately on the construction of a youth recreation center on a 2-acre site on E Olympic Blvd. and Grande Vista Ave., Los Angeles, for the Lou Costello Junior Youth Foundation; Lou Costello, president and Bud Abbott, secretary-treasurer.

The center consists of a two-story clubhouse building to contain standard size gymnasium, snack bar, game rooms and shops. Outdoor facilities include a softball field, badminton and basketball courts, bleachers, swimming pool and locker rooms and wading pool. Plans also provide for a free medical clinic.

Plans were prepared by Architects Earl T. Heltschmidt and Charles O. Matcham, 417 S Hill St., Los Angeles. 8

January 24, 1946
PREPARING PLANS
MISSION VALLEY, San Diego Co., Calif.—Architect Ray Alderson, 1155 13th St., San Diego, is preparing plans for the construction of a one-story frame and rustic log clubhouse at the Polo Grounds, Mission Valley, San Diego County, for a client; 30x100 and 30x40 ft. in area; pitched composition roofing, redwood interior, asphalt tile, cement floors, refrigeration, ranges, lounge, cocktail bar, restaurant & equipment, booths, etc. 8

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9— HOSPITALS

January 24, 1946
FUNDS AWARDED
HILO, T. H.—Glen A. Akina, chairman and executive officer, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $2500 will be furnished the hospital for the purpose of assisting in the preparation of plans for a laundry building at the Hilo Memorial Hospital, Hawaii. The plans can now be completed and all arrangements made for construction.

The preliminary draft outlines a modern laundry in connection with the 200-bed Hilo Memorial Hospital. The estimated cost of the facilities will be $55,000, to be furnished from available cash and other funds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

C. W. Schruth, located at Honolulu, T. H., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Hawaii, and N. L. Wung is the architect for the hospital to make the final plans for the laundry building.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 9

January 24, 1946
BIDS WANTED
RIVERSIDE COUNTY, Calif.—Until February 5, 11 A. M., bids will be received by the U. S. Navy, Public Works Office, U. S. Naval Base, Terminal Island (San Pedro), for alterations to administration building to provide morgue and autopsy room at the U. S. Naval Hospital, Corona, Calif.; Spec. No. 17464, NOy 13308.

The work involves demolition, concrete work, miscel. steel and iron, carpentry and millwork, lathing and plastering, glass and glazing, finish hardware, resilient flooring, field painting, plumbing and miscel. piping, electric work, equipment, paving and appurtenant work, and two 36-cu. ft. refrigerators.

Plans and specifications may be obtained from the above office upon deposit of check or postal money order for $10, payable to the Chief of the Bureau of Yards & Docks. 9

13— PUBLIC BLDGS. FIRE HOUSES, JAILS

January 24, 1946
BIDS OPENED
SANTEE, San Diego Co., Calif.—H. H. Johnson, 624 Spreckels Bldg., San Diego, at $61,777, submitted the low bid to the County of San Diego Board of Supervisors, 1600 Pacific Highway, San Diego, January 21, for alterations and additions to county buildings at Santee, San Diego County. The work includes extensive alterations to two buildings and a frame and stucco addition to a building used as a women's dormitory. The cost is estimated at $50,000. Plans were prepared by E. L. Freeland, engineer, 602 Spreckels Bldg., San Diego.

The complete bids were:
H. H. Johnson, $61,777.
Tavares Construction Co., $69,454.
O. L. Carpenter, $71,859.
Stanton Reed Co., $73,835. * 13

January 24, 1946
FUNDS AWARDED
FLAGSTAFF, Coconino Co., Ariz.—Gordon Evans, chairman, Board of Supervisors, has received the information today from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $336 will be furnished the county for the purpose of assisting in the preparation of plans for construction of an addition to the Coconino County Jail in Flagstaff, to be used as a detention wing for juvenile cases. It is planned that the building area will occupy approximately 580 square feet. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $9000, to be furnished from available cash and other funds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when construction begins.

Wright L. Felt, located at Los Angeles, Calif., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Arizona, and Lescher & Mahoney, Phoenix, are the architects for the county to make the final plans.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 13

January 24, 1946
PREPARING PRELIMINARY PLANS
PUBLIC BUILDING Cost, $36,000
SOUTH SAN FRANCISCO, San Mateo County, Calif.
Construction of recreation buildings.
Owner—City of South San Francisco, San Mateo Co., Calif.
Architect—W. H. Rowe, 1035 Lancaster, Hillsborough, Calif. 13

January 24, 1946
PREPARING PRELIMINARY PLANS
PUBLIC BUILDING Cost, $60,000
SOUTH SAN FRANCISCO, San Mateo County, Calif.
Construction of central fire house.
Owner—City of South San Francisco, San Mateo Co., Calif.
Architect—W. H. Rowe, 1035 Lancaster, Hillsborough, Calif. 13

January 24, 1946
BIDS WANTED
SAN FRANCISCO.—Until January 30, 1:45 P. M., bids will be received by the Department of Public Works, Room 282 City Hall, for repair of tar and gravel roof over kitchen area at No. 29 Engine.

Plans and specifications obtainable from Superintendent of Buildings R. A. Chisholm, 490 11th St. * 13

January 24, 1946
BIDS WANTED
SAN FRANCISCO.—Until February 6, 2:30 P. M., bids will be received by the Department of Public Works, Room 282 City Hall, under job No. 494 for new toilet room in the clinic patients' department, 2nd floor, Ward A, main building, Laguna Honda Home.

Plans and specifications obtainable from the office of City Architect Dodge A. Riedy, Room 265 City Hall, upon deposit of $5. * 13

January 24, 1946
CONTRACT AWARDED
SAN FRANCISCO.—Patterson & Elvin Iron Works, 280 13th St., at $1594, awarded contract by the Department of Public Works, Room 282 City Hall, for repairs to main entrance gates at San Francisco Hospital, Potrero Ave., between 22nd and 23rd St. * 13

January 24, 1946
CONTRACT AWARDED
SAN FRANCISCO.—Robt. F. Smith Co., 61 Clementina St., at $329, was awarded contract by the Department of Public Works, Room 282 City Hall, for repairing tar and gravel roof at the Civic Auditorium. * 13

15— SCHOOLS

January 24, 1946
CONTRACT AWARDED
PREFABRICATED BUILDING Contract Price, $93,927
CONCORD, Contra Costa Co., Calif. East Street.
Construction of prefabricated school building on concrete foundation and floor at Williams Elementary School.
Owner—Concord Elementary School District, Willow Pass Rd., Concord.
Architects—Dragon & Schmidts, 2068 Allston Way, Berkeley 4.
Contractor—C. F. Parker, 1644 Monterey Blvd., San Francisco. * 15

January 24, 1946
BIDS WANTED
SHAFTER, Kern Co., Calif.—Until February 13, 7:30 P. M., bids will be received by the Richland Elementary School District, Shafter, for the construction of 12 classrooms, alternate bid for 18 classrooms, additions to the Shafter St. School, Shafter, Kern County, for the district; wood roof, structural steel frame, wood and brick veneer walls, concrete floor, etc. Plans were prepared by Architect E. J. Kump Co., 251 Kearny St., San Francisco, and a set may be obtained from his office after January 25 upon deposit of $25. 15

January 24, 1946
FUNDS AWARDED
LAS CRUCES, Dona Ana Co., N. M.—C. S. Conlee, superintendent, Las Cruces Municipal Board of Education, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $6000 will be furnished the school district for the purpose of assisting in the preparation of plans for constructing a 16-room elementary school building. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $107,500, to be furnished from available cash and other funds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

E. A. Rose, located at Denver, Colo., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for New Mexico.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 15

January 24, 1946
FUNDS AWARDED
PORTALEZ, Roosevelt Co., N. M.—Floyd D. Golden, president, Eastern New Mexico College, Portalez, N. M., has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $3500 will be furnished the college for the purpose of assisting in the preparation of plans for constructing a Student Union building and little theater, floor area approximately 82,967 sq. ft.; $4500 for constructing a library building, two-story, approximately 29,000 sq. ft., and $3000 furnished for constructing an auditorium and gymnasium, 132x130 ft., with two balconies. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $162,955, $218,750 and $162,550, respectively, and will be furnished from available cash and other funds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

E. A. Rose, located at Denver, Colo., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for New Mexico, and Schaefer & Merrell, Clovis, N. M., are the architects for the college to make the final plans.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 15

January 24, 1946
PREPARING PRELIMINARY PLANS
SCHOOL BLDGS. Cost, $210,000
DAVIS, Yolo County, Calif. Davis Campus.
Construction of soils and irrigation building.
Owner—The Regents of the University of California, Berkeley, Calif.
Architect—H. A. Thomsen Jr., 315 Montgomery St., San Francisco, Calif. 15

January 24, 1946
PREPARING PRELIMINARY PLANS
SCHOOL BUILDINGS Cost, $605,000
LOS ANGELES, Los Angeles County, Calif. Los Angeles Campus.
Construction of college of business administration and economics building.
Owner—The Regents of the University of California, Berkeley, Calif.
Architect—John C. Austin, 1151 S. Broadway, Los Angeles, Calif. 15

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January 24, 1946
PREPARING PRELIMINARY PLANS
SCHOOL BUILDING Cost, $360,000
LOS ANGELES, Los Angeles County, Calif. Los Angeles Campus.
Construction of hospital.
Owner—The Regents of the University of California, Berkeley, Calif.
Architect—D. C. Allison, supervising architect, 650 S. Grand Ave., Los Angeles, Calif. 15

January 24, 1946
PREPARING PRELIMINARY PLANS
SCHOOL BUILDING Cost, $400,000
LOS ANGELES, Los Angeles County, Calif. Los Angeles Campus.
Construction of art building.
Owner—The Regents of the University of California, Berkeley, Calif.
Architect—D. C. Allison, supervising architect, 650 S. Grand Ave., Los Angeles, Calif. 15

January 24, 1946
PREPARING PRELIMINARY PLANS
SCHOOL BUILDING Cost, $950,000
LOS ANGELES, Los Angeles County, Calif. Los Angeles Campus.
Construction of engineering building.
Owner—The Regents of the University of California, Berkeley, Calif.
Architect—Allison & Rible, 650 S. Grand Ave., Los Angeles, Calif. 15

January 24, 1946
PREPARING PRELIMINARY PLANS
SCHOOL BUILDING Cost, $350,000
LOS ANGELES, Los Angeles County, Calif. Los Angeles Campus.
Construction of home economics building.
Owner—The Regents of the University of California, Berkeley, Calif.
Architect—D. C. Allison, supervising architect, 650 S. Grand Ave., Los Angeles, Calif. 15

January 24, 1946
PREPARING PRELIMINARY PLANS
SCHOOL BUILDING Cost, $200,000
LOS ANGELES, Los Angeles County, Calif. Los Angeles Campus.
Addition to administration building.
Owner—The Regents of the University of California, Berkeley, Calif.
Architect—D. H. McLellan, Architects' Bldg., Los Angeles, Calif. 15

January 24, 1946
PREPARING PRELIMINARY PLANS
SCHOOL BUILDINGS Cost, $200,000
LOS ANGELES, Los Angeles County, Calif. Los Angeles Campus.
Construction of an addition to men's gymnasium.
Owner—The Regents of the University of California, Berkeley, Calif.
Architect—S. E. Lunden, 458 S. Spring St., Los Angeles, Calif. 15

January 24, 1946
PREPARING PRELIMINARY PLANS
SCHOOL BUILDINGS Cost, $60,000
LOS ANGELES, Los Angeles County, Calif. Los Angeles Campus.
Completion of library stack.
Owner—The Regents of the University of California, Berkeley, Calif.
Plans by owner. 15

January 24, 1946
PREPARING PRELIMINARY PLANS
SCHOOL BUILDING Cost, $250,000
LOS ANGELES, Los Angeles County, Calif. Los Angeles Campus.
Alterations to social science building.
Owner—The Regents of the University of California, Berkeley, Calif.
Architect—Risley & Gould, 220 S. Westmoreland Ave., Los Angeles, Calif. 15

January 24, 1946
PREPARING PRELIMINARY PLANS
SCHOOL BUILDING Cost, $310,000
DAVIS, Yolo County, Calif. Davis Campus.
Construction of plant sciences building.
Owner—The Regents of the University of California, Berkeley, Calif.
Architect—E. T. Spencer, 251 Kearny St., San Francisco. 15

January 24, 1946
PREPARING PRELIMINARY PLANS
SCHOOL BUILDING Cost, $600,000
DAVIS, Yolo County, Calif. Davis Campus.
Construction of veterinary science college.
Owner—The Regents of the University of California, Berkeley, Calif.
Architect—Blanchard & Maher, 369 Pine St., San Francisco. 15

January 24, 1946
PREPARING PRELIMINARY PLANS
SCHOOL BUILDINGS Cost, $200,000
LOS ANGELES, Los Angeles County, Calif. Los Angeles Campus.
Addition to women's gymnasium.
Owner—The Regents of the University of California, Berkeley, Calif.
Architect—Paul R. Hunter, 627 S. Carondelet St., Los Angeles, Calif. 15

January 24, 1946
PREPARING PRELIMINARY PLANS
SCHOOL BUILDING Cost, $200,000
LOS ANGELES, Los Angeles County, Calif. Los Angeles Campus.
Addition to women's gymnasium.
Owner—The Regents of the University of California, Berkeley, Calif.
Architect—Paul R. Hunter, 627 S. Carondelet St., Los Angeles, Calif. 15

January 24, 1946
PREPARING PRELIMINARY PLANS
SCHOOL BUILDING Cost, $360,000
LOS ANGELES, Los Angeles County, Calif. Los Angeles Campus.
Construction of hospital.
Owner—The Regents of the University of California, Berkeley, Calif.
Architect—D. C. Allison, supervising architect, 650 S. Grand Ave., Los Angeles, Calif. 15

January 24, 1946
PREPARING PRELIMINARY PLANS
SCHOOL BUILDING Cost, $350,000
LOS ANGELES, Los Angeles County, Calif. Los Angeles Campus.
Construction of home economics building.
Owner—The Regents of the University of California, Berkeley, Calif.
Architect—D. C. Allison, supervising architect, 650 S. Grand Ave., Los Angeles, Calif. 15

January 24, 1946
PREPARING PRELIMINARY PLANS
SCHOOL BUILDING Cost, $750,000
LOS ANGELES, Los Angeles County, Calif. Los Angeles Campus.
Construction of life science building.
Owner—The Regents of the University of California, Berkeley, Calif.
Architect—Marsh, Smith & Powell, 518 Architects' Bldg., Los Angeles, Calif. 15

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Ward Buildings Stockton State Hospital	Stockton	1-29
Buildings and Utilities Spec. 17379, NOy 13211	Inyokern	2- 5
Warehouse California Natural Guard	Sacramento	2- 5

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Ward Bldgs., Stockton State Hosp., Stockton; Bids open Jan. 29, 2:00 P. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).
Empire Constr. Co., Ltd., 344 Harriet St., San Francisco (HEmlock 3400)
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)

Conversion Bldg., No. 401, S. F. Naval Shipyard, San Francisco; Bids open January 31, 11 A. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
A. Farnell Blair, 9 Main Street, San Francisco (YUkon 0390).
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).

Laboratory Bldg., Moffett Field; Bids close January 30, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
Carl N. Swenson Co., 355 Stockton Ave., San Jose (BAllard 2602).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
M. J. King, Inc., 231 Franklin Street, San Francisco (UNderhill 8209).

Warehouse, 8th and Ohio, Richmond; Bids open January 25, 10 A. M.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054).
Erbentraut & Summers, 446 6th St., San Francisco (MArket 8310).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Biltwell Constr. Co., 4745 Geary Blvd., San Francisco (BAyview 5947)
C. L. Wold Constr. Co., Ltd., 4412-16 Fulton St., S. F. (SKyline 4362).
Elmer J. Freethy, 1432 Kearney St., El Cerrito (RIchmond 6875).
William M. Greuner, 2727 Parker St., Berkeley (BErkeley 2877).
Empire Constr. Co., Ltd., 344 Harriet St., San Francisco (HEmlock 3400)

Nursery and Residence, Valencia St., S. F.; Bids open Jan. 24, 1 P. M.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).
Rademann-Giusto, 40 Ringold Street, San Francisco (MArket 8151).
Midstate Constr. Co., 1297 Bush St., San Francisco (ORdway 4638)
C. L. Wold Constr. Co., Ltd., 4412-16 Fulton St., S. F. (SKyline 4362).

Bldgs., Services, Reserve Fleet Berthing, Mare Island; NOy 13295; Spec. 17459; Bids open February 1, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Peter Kiewit Sons Co., 441 Post St., San Francisco (EXbrook 5736).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).

Expansion Sheet Metal Shop, Etc., S. F. Naval Shipyard; Spec. 17230; Bids open February 7, 11 A. M.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).

Store Bldg., Railroad Ave. and E 7th St., Pittsburg; Bids open Jan. 31, 4 PM
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Louis C. Dunn Co., 799 Monadnock Bldg., San Francisco (YUkon 1471)
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).

Motel Buildings, Oakland; Bids open January 31, 3 P. M.
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
G. W. Williams Co., 10 California Drive, Burlingame (Burl 4-1796)

Candy Factory, Ocean Ave. near 19th Ave., S. F.; Bids open Feb. 4, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)

Tulana Farms Grain Elevator, Worden, Ore.; Bids Ipen Feb. 14, Noon.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

Higbee Bldg., Burlingame; Bids open January 24, 3 P. M.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).

Offices on Mezzanine, Grove St. Pier, Oakland; Bids open Jan. 28, 4 P. M.
R. A. Cullen, 478 Jackson Street, San Francisco (SUtter 1951).

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ADVANCE CONSTRUCTION REPORTS

January 24, 1946
PREPARING PRELIMINARY PLANS
SCHOOL BUILDING Cost, $525,000
LOS ANGELES, Los Angeles County, Calif. Los Angeles Campus.
Construction of library, east wing, and alterations.
Owner—The Regents of the University of California, Berkeley, Calif.
Architect—Heitschmidt & Matcham, 417 S. Hill St., Los Angeles, Calif. 15

January 24, 1946
PREPARING PRELIMINARY PLANS
SCHOOL BUILDING Cost, $90,000
LOS ANGELES, Los Angeles County, Calif. Los Angeles Campus.
Expansion of utilities.
Owner—The Regents of the University of California, Berkeley, Calif.
Plans by owner. 15

January 24, 1946
PREPARING PRELIMINARY PLANS
SCHOOL BUILDINGS Cost, $480,000
BERKELEY, Alameda County, Calif. Berkeley Campus.
Construction of forestry building.
Owner—The Regents of the University of California, Berkeley, Calif.
Architect—Miller & Warnecke, Financial Center Bldg., Oakland, Calif. 15

January 24, 1946
PREPARING PRELIMINARY PLANS
SCHOOL BUILDING Cost, $380,000
BERKELEY, Alameda County, Calif. Berkeley Campus.
Construction of home economics building.
Owner—The Regents of the University of California, Berkeley, Calif.
Architect—Arthur Brown Jr., supervising architect, 251 Kearny St., San Francisco. 15

January 24, 1946
PREPARING PRELIMINARY PLANS
SCHOOL BUILDINGS Cost, $400,000
BERKELEY, Alameda County, Calif. Berkeley Campus.
Construction of forest products laboratory.
Owner—The Regents of the University of California, Berkeley, Calif.
Architect—H. A. Thomsen Jr., 315 Montgomery St., San Francisco.

January 24, 1946
PREPARING PRELIMINARY PLANS
SCHOOL BUILDINGS Cost, $90,000
BERKELEY, Alameda County, Calif. Berkeley Campus.
Expansion of utilities.
Owner—The Regents of the University of California, Berkeley, Calif.
Plans by owner. 15

January 24, 1946
PREPARING PRELIMINARY PLANS
SCHOOL BUILDING Cost, $186,000
BERKELEY, Alameda County, Calif. Berkeley Campus.
Completion of library stack.
Owner—The Regents of the University of California, Berkeley, Calif.
Architect — Arthur Brown Jr., 251 Kearny St., San Francisco. 15

January 24, 1946
PREPARING PRELIMINARY PLANS
SCHOOL BUILDING Cost, $490,000
BERKELEY, Alameda County, Calif. Berkeley Campus.
Construction of jurisprudence building.
Owner—The Regents of the University of California, Berkeley, Calif.
Architect—W. C. Perry, 260 California St., San Francisco. 15

January 24, 1946
PREPARING PRELIMINARY PLANS
HEATING PLANT Cost, $6,000
RIVERSIDE, Riverside County, Calif. Riverside Campus of U. C.
Construction of heating plant.
Owner—The Regents of the University of California, Berkeley, Calif.
Plans by owner. 15

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January 24, 1946
PREPARING PRELIMINARY PLANS
SCHOOL BUILDINGS Cost, $200,000
RIVERSIDE, Riverside County, Calif. Riverside Campus of U. C.
Construction of plant pathology and physiology buildings.
Owner—The Regents of the University of California, Berkeley, Calif.
Architect—G. Stanley Wilson, 3681 Sixth St., Riverside. 15

January 24, 1946
PREPARING PRELIMINARY PLANS
SCHOOL BUILDINGS Cost, $70,000
MT. HAMILTON, Lick Observatory, Santa Clara County, Calif.
Fire protection and rehabilitation.
Owner—The Regents of the University of California, Berkeley, Calif.
Plans by owner. 15

16— BANKS, STORES AND OFFICES

January 24, 1946
PROSPECTIVE BIDDERS
LABORATORY BLDG.
MOFFETT FIELD, Santa Clara Co., Calif. Ames Aeronautical Laboratory.
Construction of steel frame and concrete wall laboratory building to contain offices and maintenance shop for new supersonic wind tunnel.
Owner—National Advisory Committee for Aeronautics, Moffett Field
Plans by Engrg. Dept. of Owner.

As previously reported, bids will be opened January 30, 3 P. M.

Following contractors will be furnished with plans and specifications:

Carl N. Swenson Co., 355 Stockton Ave., San Jose.
Wells P. Goodenough, 49 Wells Ave. Palo Alto.
De Luca & Son, 1745 Filbert St., San Francisco.
Barrett & Hilp, 918 Harrison St., San Francisco.
I. M. Sommer & Co., 580 Market St., San Francisco.
Moore Dry Dock Co., foot of Adeline St., Oakland.
Fishback & Moore, Inc., 55 New Montgomery St., San Francisco.
Erbentraut & Summers, 446 6th St., San Francisco.
M. J. King, Inc., 231 Franklin St., San Francisco.
Adam Arras & Son, 116 New Montgomery St., San Francisco.
Peter Sorensen, 927 Adguello St., Redwood City.
Judson - Pacific - Murphy Co., 1200 17th St., San Francisco.
Parker, Steffens & Pearce, 135 So. Park, San Francisco.
Peter Kiewit Sons Co., 442 Post St., San Francisco. • • 16

January 24, 1946
TO START WORK
STORES AND OFFICES Cost, $34,000
SACRAMENTO, Sacramento County, Calif. 802 K St.
Miscellaneous interior and exterior alterations to shoe store.
Owner—Berland Shoe Stores, Inc., I. M. Kay, president, 1209 Washington Ave., St. Louis, Mo.
Architect — Benjamin Shapiro, 508 Missouri Insurance Bldg., St. Louis, Mo.
General Contractor—Markwart Co., P. O. Box 2104, Sacramento, Calif. 16

January 24, 1946
TO START WORK

HONOLULU, T. H.—McNeil Construction Co., 5860 Avalon Blvd., Los Angeles, awarded contract and will start work immediately on altering and adding to a store building on Beretania St., Honolulu, for Sears, Roebuck & Co. The work involves the construction of a full second floor and partial third floor addition and the rearrangement of basement and first floor areas; concrete and steel construction, air conditioning system, install new two-way escalator; cost, $600,000. Plans prepared by Architect Guy N. Rothwell, Honolulu.

The purchasing of local materials will be handled through the McNeil Construction Co. main office, 5860 Avalon Blvd., Los Angeles, and balance will be purchased through McNeil Construction Co., P. O. Box 555, Honolulu. • 16

January 24, 1946
CONTRACT AWARDED

LA JOLLA, San Diego Co., Calif.—John O. Shive, 3440 Palm, San Diego, at $37,840, awarded contract for the construction of a one-story reinforced brick clinic building at La Jolla, San Diego County, for Dr. Hnoepp; approximately 3100 sq. ft. of floor space, composition roofing, wood roof framing, three suites of offices, concrete floor slabs, glass blocks, linoleum, metal sash, acoustical plaster, etc. Plans were prepared by Architects W. T. Johnson and H. S. Abrams, San Diego Savings & Trust Bldg., San Diego. 16

January 24, 1946
CONTRACT AWARDED

BREMERTON, Wash. — Henrik Valle Co., Inc., 407 Third Ave. W., Seattle, awarded contract for construction of a five-story reinforced concrete office building at 243-49 4th St., Bremerton, for Joseph and Herbert Haas; 60x103 ft. in area, terra cotta tile, marble and terrazzo floors, tiled walls in rest rooms, interior woodwork of birch, automatically controlled elevators, etc.; estimated cost, $400,000. Plans were prepared by Architect G. C. Field, 1331 Third Ave., Seattle. 16

January 24, 1946
ACQUIRING SITE

VENTURA, Ventura Co., Calif.—Walter H. Rolapp, 523 W. 6th St., Los Angeles, is acquiring property between E. Main St. and Thompson Blvd. from Borchard Dr. to "Five Points," and Helene Park Tract lots fronting ton E. Main St. from Loma Vista Rd. to the California Highway patrol station at "Five Points," Ventura, as a site for store building to be built for himself; one of the buildings, to be occupied by Sears, Roebuck & Co., will cost about $500,000. Plans provide for an entire shopping center to be built on the property, including a bank building, a super service station, a super market, a drug store and a number of smaller shops and stores; total cost, $1,000,000. An architect has been selected to prepare the plans for the building to be occupied by Sears, Roebuck & Co. 16

January 24, 1946
PLANS BEING FIGURED—BIDS OPEN JANUARY 29, 2 P. M.
STORE BUILDINGS
SAN BRUNO, San Mateo Co., Calif.
Construction of two store buildings.
Owner—c/o architect.
Architects—A. A. Cantin and A. MacKenzie Cantin, 704 Market St., San Francisco.

The following contractors have taken out plans:

John E. Kramer, 2547 Washington St., San Francisco.
Joseph Bettancourt, 422 San Anselmo Ave., San Bruno.
Salih Bros., 988 Market St., San Francisco.
Mariposa Construction Co., 1106 Mariposa St., San Francisco. • 16

January 24, 1946
PLANNED
DEPARTMENT STORE
Cost $5,000,000
SAN FRANCISCO. Corner Masonic Ave. and Geary St., on the site of the old Calvary Cemetery.
Construction of two-story department store building involving the utilization of 300,000 square feet; the new store to be accessible from three different parking levels because of natural elevations; a tire and battery service station and parking space for approximately 900 cars.
Owner—Sears, Roebuck & Co., D. S. Tarvid, San Francisco manager; H. W. Kingsley, vice-president in charge of Pacific territory, Mission and Army Sts., San Francisco.
Architect—Not announced.

The new store is scheduled to open in the spring of 1947. • 16

17— THEATERS

January 24, 1946
PLANS BEING FIGURED

LOS ANGELES, Calif.—Architect S. Charles Lee, 1648 Wilshire Blvd., Los Angeles, is taking bids for the construction of a 1000-seat theater building at the corner of Slauson and Overhill, Los Angeles county district, for the Fox-West Coast Theaters, Inc.; reinforced concrete and masonry walls, wood roof construction, plate glass, tile tilets, acoustic ceilings, heating and ventilating system, sprinklers, marquee. 17

January 24, 1946
PLANS COMPLETED

WATTS DISTRICT, Los Angeles Calif.—Architect Herman C. Light, 739 N. Highland Ave., Los Angeles, has completed plans and bids will be taken shortly for the construction of a theater building at Imperial Blvd. and Central Ave., Watts, for a client. The structure will contain three stores, 30x40 feet each; cafe, 30x80 feet; market, 80x110 feet, and the theater will seat 950 people. The theater portion will be of reinforced concrete construction and the remainder will be frame and stucco, wood trusses, composition roofing, cement floors, acoustic plaster, plate glass, toilets, heating and ventilating system. 17

18—WHARVES & DOCKS

January 24, 1946
BIDS REJECTED

CORONA, Riverside Co., Calif.—All bids submitted December 20 have been rejected and the project cancelled by the U. S. Navy, Bureau of Yards and Docks, Washington, D. C., for the construction of rehabilitation, office and work shop buildings at the U. S. Naval Hospital, Corona; Spec. No. 19303. 18

19—MISC. CONSTRUCTION

January 24, 1946
CONTEMPLATED
POWER LINE PROJECT
Est. Cost, $1,500,000
SPOKANE, Washington.
Power line facilities in Spokane and other inland city to include: (1) $70,000 improvements to East side substation; (2) $350,000 improvements to system of Spokane and surrounding area; (3) improvements to down R distribution system, including change-over of feeder lines and removal of poles to alleys; (4) construct new 13,000 volt feeders, 7 new underground vaults; (5) new distrib. line in Altamont dist., pole lines on E Sprague to be moved to alleys, $48,000 improve. to Post St. Sta.; (6) approx. 400 miles rural extension in Wash. and Idaho, plus distrib. sys. in smaller sections of inland empire; (7) 15 miles of Pend Oreille transmission line to be reconstr.; new substation equip. to be installed at 4 substations serving Couer d'Alene's mines and at Latah substation.
Owner — Washington Water Power Co., J. E. E. Royer, vice president and manager, W 825 Trent, Spokane. • • 19

January 24, 1946
WORK STARTED

RJO, Pima Co., Ariz.—The Phelps-Dodge Corp., Harry M. Lavender, general manager, Douglas, Arizona, has announced that work has started on the electrification of the pit at their New Cornelia mine at Ajo, Ariz., at a cost estimated at $2,000,000. The electric installation would replace oil burning steam locomotives used to pull ore cars to the concentrator. The installation includes erection of trolley poles, grade and track realignments and purchase of 13 locomotives, 11 electric and diesel auxiliaries and two straight diesels, and the construction of 30 or more miles of track and all switching and other facilities for operation of a railroad of that length. 19

January 24, 1946
CONTRACT AWARDED
LOADING RACKS Cost, $98,120
RICHMOND, Contra Costa Co., Cal.
Construction of loading racks.
Owner—Standard Oil Co., 225 Bush St., San Francisco.
Plans by Onwer.
Contractor—Bechtel Bros. - McCone Co., 15 Sansome St, San Francisco. • • 19

20— MISC. SUPPLIES AND MATERIALS

January 24, 1946
BIDS WANTED

SAN FRANCISCO.—Until Jan. 29, 10 A. M., bids will be received by the Reconstruction Finance Corp., Office of Surplus Property, 30 Van Ness Ave., for the sale of pipe, tees, connectors, valves, cocks, water closets, sinks, urinals, traps, fountains and elbows, located at various points in California and Arizona; Sales No. 45147. Specifications available at the above office. • 20

January 24, 1946
BIDS WANTED

LOS ANGELES, Calif.—Until Jan. 28, 11 A. M., bids will be received by the Navy Material Redistribution and Disposal Office, Officer-in-Charge, Room 220, 542 S Broadway, Los Angeles, for the sale of screws, bolts, rivets, clevises, wire netting and other misc. hardware; Catalog No. B-333-46. Bids must be accompanied by a certified or cashier's check, payable to the Treasurer of the U. S., cr cash, for 25% of bid. • 20

January 24, 1946
BIDS WANTED

CLEARFIELD, Utah.—Until Jan. 28, 3 P. M., bids will be received by the Reconstruction Finance Corp., Office of Surplus Property, 728 15th St., Denver, Colo., for the sale of 12,000 cast iron medium soil pipe, uncoated, reducing tees, size 4x4x2x 11¾-in. long, weight 13 lbs., located at the U. S. Naval Supply Depot, Clearfield, Utah; Sales No. 2-0065.

Specifications available at above office. • 20

January 24, 1946
BIDS WANTED

LOS ANGELES, Calif.—Until Jan. 28, 11 A. M., bids will be received by the Navy Material and Disposal Office, officer in charge, Room 220, 542 S. Broadway, Los Angeles, for the sale of wire rope thimbles, insulating ferrules, gasket material, asbestos, rope, belts and miscellaneous other materials; Catalog No. B-332-46. Bids must be accompanied by a certified, cashier's check or cash for 25% of bid. • 20

January 24, 1946
BIDS WANTED

BURBANK, Los Angeles Co., Calif.—Until January 29, 7:30 P. M., bids will be received by the City of Burbank, H. I. Stites, city manager, City Hall, 275 E. Olive Ave., Burbank, for furnishing approximately 660 tons of cast iron pipe and 10 tons of fittings in accordance with Specification No. 349. Specifications available from the office of the Public Service Department, 174 W. Magnolia Blvd., Burbank. • 20

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Reservoirs and Dams 30
Pipe Lines and Wells 31
Sewers and Sewage Disposal Plants 32
Waterworks 33
Parks and Playgrounds 34
Tunnels 35

22— DREDGING, HARBOR WORKS, EXCAVATION

January 24, 1946
BIDS REJECTED

REDONDO BEACH, Los Angeles Co., Calif.—As previously reported, State Director of Public Works, C. H. Purcell, in concurrence with the Board of Supervisors, City Council, Redondo Beach, has rejected all bids submitted to the California Department of Public Works, Division of Water Resources, 803 State Building, Los Angeles, for construction of a stone seawall in the City of Redondo Beach.

Guy F. Atkinson Co., 1103 Heartwell Bldg., Long Beach, at $179,600 submitted the low bid which was 19% above the engineer's estimate. 22

25—MACHINERY AND EQUIPMENT

January 24, 1946
BIDS WANTED

FRESNO, Fresno Co., Calif.—Until Jan. 31, 10 A. M., bids will be received by the Commission of the City of Fresno, D. E. Roughton, City Clerk City Hall, Fresno, for building of one trailer to be installed on tractor unit. Tractor unit and wheelbase to be shortened on 1942 Chevrolet 1½-ton truck, which is the property of the City of Fresno.

Specifications on file in the office of the city clerk; certified check for 10% to accompany bids. 25

January 24, 1946
BID OPENED

ORANGE COUNTY, Calif.—M. Eltiste & Co., 407 E. 4th St., Santa Ana, at $9600 (trade-in allowance $4000), submitted the only bid to and was awarded a contract by the board of directors, Orange County Water District, Room 222 Ramona Bldg., Sycamore and 5th Sts., Santa Ana, Jan. 18, for one Model TD-18 International trac-tractor and bulldozer unit complete. 25

26— RAILROADS

January 24, 1946
PROSPECTIVE BIDDERS

BOISE PROJECT, Idaho. — Until February 28, 10 A. M., bids will be received by Walker R. Young, chief engineer, Bureau of Reclamation, Boise, Idaho, for the completion of earthwork, structures, track and telegraph line relocation of Idaho Northern branch, Oregon Short Line Railroad (Union Pacific Railroad Co., lessee), Cascade to Donnelly, Cascade Reservoir, Payette Division, Boise Project, Idaho. The work is situated near Cascade, Idaho.

The principal items of work and the estimated quantities involved are as follows:

(1) 850,000 sta. cu. yds. overhaul;
(2) 42,000 cu. yds. excavation, common, for roadway;
(3) 40,000 cu. yds. riprap;
(4) 26,000 cu. yds. ballasting;
(5) 21,000 cu. yds. excavation, rock, for roadway;
(6) 1000 cu. yds. backfill;
(7) 1000 cu. yds. compacting backfill;
(8) 12.6 miles of fine grading;
(9) placing 400 track-feet of galvanized metal deck protection on trestles;
(10) erecting 231,000 lbs. of structural steel in bridge;
(11) laying 14.6 track miles of track;
(12) applying 8500 rail anchors;
(13) constructing 4 turnouts;
(14) constructing 1 mile of right-of-way fence;
(15) constructing 16 cattle guards;
(16) constructing 12 M ft. b.m. of highway crossings;
(17) constructing 1 mile of telegraph line;
(18) removing and salvaging materials.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: R. J. Newell, regional director, P. O. Box 937, Reclamation Bldg., Fairgrounds, Boise, Idaho; Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C.

No charge to prospective bidders; to others, $1.50 per copy, not returnable.

Following contractors have taken out plans:

Nat McDougall Co., Sherlock Bldg., Portland.
Max J. Kuney Co., N 120 Ralph, Spokane.
Vernon Brothers, 8th and Orchard Avenue.
M. K. Engineering Co., Inc., Albany, N. Y.
Wixon-Crowe, Redding, Calif.
Condon - Cunningham Co., Omaha, Nebraska. • • 26

29— STREETS AND HIGHWAYS

January 23, 1946
BIDS WANTED

LOS ANGELES, Calif.—Until Feb. 6, 10 A. M., bids will be received by the Los Angeles Board of Public Works, 153 City Hall, Los Angeles, for the improving by grading, paving and by the removal of walks and guard rails on Mission Rd. between Aliso and First St., Los Angeles; a cash contract; 90 days for completion.

The work involves:

(1) lump sum, grading, including hauling, but not including 2785 cu. yds. of excavation;
(2) lump sum, removal and hauling of 1632 lin. ft. curb, 260 sq. ft. gutter, 6850 sq. ft. sidewalk, 90 lin. ft. wall, 25 lin. ft. handrail and 2 catchbasins;
(3) 76,703 sq. ft. A.C., 8-in. concrete base, 6-in. and 2-in. wearing surface;
(4) 3488 sq. ft. A.C. wearing surface of variable thickness, average thickness 1-in.;
(5) 23,374 sq. ft. concrete pavement 8-in. thick;
(6) 500 sq. ft. rock and oil roadway, 3-in. thick;
(7) 720 sq. ft. rock and oil roadway of variable thickness, average thickness 1-in.;
(8) 1583 lin. ft. unplastered curb, type B;
(9) 125 lin. ft. unplastered curb, type D;
(10) 62 lin. ft. monolithic curb;
(11) 1939 sq. ft. course sidewalk, 3-in. thick;
(12) 272 sq. ft. monolithic sidewalk;
(13) 15 lin. ft. reset iron railing;
(14) reset two manhole frame and cover sets to grade;
(15) storm drain and appurtenances complete in place;
(16) 48 lin. ft. 6-in. house connection sewers;
(17) replace manhole frame and cover cover sets (4 units). 29

January 24, 1946
BIDS WANTED

CALIFORNIA STATE HIGHWAY.—Until February 21, 2 P M., bids will be received by G. T. McCoy, state highway engineer, 808 State Bldg., Los Angeles, for the construction of the Terminal Island Freeway between Henry Ford Ave. and Willow St. (VII-L.A-Terminal Island), in the cities of Los Angeles and Long Beach, about 2.1 miles in length, to be graded and paved with asphaltic concrete; a national defense contract.

The work involves:

(1) 1200 cu. yds. remove concrete;
(2) 58 acres clear and grub;
(3) 14,500 cu. yds. roadway excavation;
(4) 23,500 cu. yds. structural excavation;
(5) 4700 cu. yds. ditch and channel excavation;
(6) 144,000 lin. ft. vertical holes, sand drains;
(7) 16,500 tons sand backfill, sand drains;
(8) 680,000 tons imported borrow;
(9) 72,000 tons imported subgrade material;
(10) 125,500 sq yds. prepare class C subgrade;
(11) develop water supply and furnish water equipment;
(12) 7200 M gallons apply water;
(13) finish roadway;
(14) 290 tons liquid asphalt, RC-2, bituminous surface treatment;
(15) 24,000 sq. yds. prepare, mix and shape surface, bituminous surface treatment;
(16) 2 tons liquid asphalt, SC-2, prime coat;
(17) 540 tons plant mix surfacing;
(18) 50,500 tons asphalt concrete;
(19) 132 tons asphalt emulsion, curing seal and seal coat;
(20) 330 cu. yds. portland cement concrete, pavement base;
(21) 720 cu. yds. portland cement concrete, structures;
(22) 315 tons gravel backfill, retaining wall foundations;
(23) 400 lin. ft. rubber waterstops;
(24) 30 sq .yds. membrane waterproofing;
(25) 410 cu. yds class C portland cement concrete pipe reinforcement;
(26) 2800 cu. yds. portland cement concrete, curbs and gutters;
(27) 34,500 lin. ft. chain-link fence;
(28) 15 each, walk gates;
(29) 1420 lin. ft. 18-in. reinforced concrete pipe, standard strength;
(30) 2500 lin. ft. 24-in. same;
(21) 1320 lin. ft. 30-in. same;
(32) 390 lin. ft 36-in. same;
(33) 90 lin. ft. 48-in. same;
(34) 180 lin. ft. 54-in same;
(35) 1960 lin. ft. 66-in. same;
(36) 5 lin. ft. pipe shaft manholes;
(37) 680 lin. ft. 12-in. plain concrete pipe;
(38) 1980 lin. ft. 15-in. same;
(39) 90 lin. ft. 6-in. steel pipe conduit;
(40) 3 each, adjust manholes to grade
(41) 50,000 lbs. bar reinforcing steel;
(42) 35,000 lbs. miscellaneous iron and steel;
(43) 145,000 each mesembryanthemum edule cuttings;
(44) electric equipment;
(45) pump house and pumping equipment. • 29

January 24, 1946
CONTRACTS AWARDED

STATE OF NEW MEXICO.—F. G. Healy, State Highway Engineer, Capitol Bldg., Santa Fe, N. M., awarded contracts for the construction of the following projects for which bids were received December 21:

Skousen Constr. Co., Albuerque, N. M., $284,291, for FAP No. FI-90 (6) located in Santa Fe County.
G. I. Martin, Albuquerque, N. M., $50,498, for FAP F-109 (2) Quay Co.
Brown Bros. Constr. Co., Albuquerque, N. M., $303,194 for FAP No. F-126 (14) Socorro County.
W. T. Bookout Constr. Co., Las Vegas, N. M., $77,701 for FAP No. F-196 (2), Union County. 29

January 24, 1946
BIDS REJECTED

BERKELEY, Alameda Co., Calif.—The Berkeley City Clerk has rejected all bids for construction of concrete steps and walk on Acacia Path, Spruce to Cragmont.

Albany Concrete Co., 1840 4th St., Berkeley, at $1721.80 submitted the previous low bid. • • 29

30—RESERVOIRS & DAMS

January 23, 1946
FUNDS APPROPRIATED

WASHINGTON, D. C.—The U. S. War Department, Engineer Office, Washington, D. C., has reported appropriation of funds for the construction of the following California flood control projects:

(1) Flood control work, Whittier Narrows reservoir, California, $2,000,000; U. S. District Engineer, Los Angeles.
(2) Flood control work, Santa Fe reservoir, California, $900,500; U. S. District Engineer, Los Angeles.
(3) Flood control work, Los Angeles River, California, $2,000,000; U. S. District Engineer, Los Angeles.
(4) River and harbor improvements, Los Angeles and Long Beach harbors, California, $7,100,000; U. S. District Engineer, Los Angeles.
(5) Flood control work, Big Dry Creek reservoir and diversion, California, $435,000; U. S. District Engineer Office, Sacramento.
(6) River and harbor improvements, San Joaquin, California, $150,000; U. S. District Engineer Office, Sacramento.
(7) River and harbor improvements, Sacramento River, California, $390,000; U. S. District Engineer Office, Sacramento.
(8) River and harbor improvements, Suisun channel, California, $160,000; U. S. District Engineer, Sacramento.
(9) Flood control work, Hot Springs, S. D., $154,000; U. S. District Engineer, Fort Peck, Mont.
(10) Flod control work, Cottonwood Springs reservoir, South Dakota, $510,000; U. S. District Engineer, Fort Peck, Mont.
(11) River and harbor improvements, Columbia River and tributaries, Celilo Falls and Snake River, $100,000; U. S. District Engineer, Portland, Ore.
(12) Flood control work, McKenzie River, Oregon, $62,000; U. S. District Engineer, Portland, Ore.
(13) Flood control work, Cottage Grove reservoir, Oregon, $11,500; U. S. District Engineer, Portland, Ore.
(14) Flood control work, Detroit reservoir, Oregon, $2,000,000; U. S. District Engineer, Portland, Ore.
(15) Flood control work, Dorena reservoir, Oregon, $1,000,000; U. S. District Engineer, Portland, Ore.
(16) Flood control work, Mill Creek, Washington, $125,500; U. S. District Engineer, Portland, Ore.
(17) Flood control work, Mud Mountain reservoir, Washington, $257,000; U. S. District Engineer, Seattle, Wash.
(18) Flood control work, Tacoma, Wash., $700,000; U. S. District Engineer, Seattle, Wash.
(19) Flood control work, Yakima, Wash., $134,000; U. S. District Engineer, Seattle, Wash. 30

January 24, 1946
CONTRACTS AWARDED

REDLANDS, San Bernardino Co., Calif.—The Bear Valley Mutual Water Co., 14 W Citrus, Redlands, received bids and awarded contracts totaling $88,700, Dec. 28, for the construction of a 31,000,000-gallon open gunite reservoir 20-feet. deep near Mentone.

Work involves:

Furnishing and laying reinforcing concrete spun pipe;
56,000 c.y. excavation and fill;
240,000 sq. ft. gunite work;
2400 ft. 2x2-in. mesh fence.

The contracts awarded and the bids submitted were as follows:

Inlet and Outlet Structures And Pipe Work

Concrete Conduit Co., 899 La Cadena Ave., Colton, awarded contract at $19,966:
Bolton Engrg. and Constr. Co., $31,600;
Macco Constr. Co., $31,900.

Excavation and Embankment

Vergil Grove, 5841 Grand Avenue, Riverside, awarded contract at $39 cubic yard;
A. S. Hubbs, Colton, $.52;
Case Constr. Co., $.53;
Matich Brothers, $.54;
H. L. Manning, San Bernardino, $.61;
J. E. Roberts, San Bernardino, $.63.
Willis & Sons, $.64;
Macco Constr. Co., $.685.

Gunite Work

California Gunite Co., 2022 Hyperion Ave., Los Angeles, awarded contract at $.152 per sq. ft.;
Los Angeles Cement Gun Co., $.1775
Macco Constr. Co., $.182;
Case Constr. Co., $.185.

Fencing

Cyclone Fence Co., 5532 San Fernando Road, Glendale, awarded contract at $4,113.93;
Allen & Son, San Bernardino, $4,161.43. 30

32— SEWERS & SEWAGE DISPOSAL PLANTS

January 24, 1946
PREPARING PRELIMINARY PLANS
SEWERS Cost, $112,000
SOUTH SAN FRANCISCO, San Mateo County, Calif.
Construction of intercepter and outfall sewers.
Owner—City of South San Francisco, San Mateo Co., Calif.
Engineer—Charles T. Broughton, City Hall, South San Francisco. 32

33—WATERWORKS

January 24, 1946
BIDS WANTED

PORTLAND, Ore.—Until Jan. 30, 5 P. M., bids will be received by the Capitol Highway Water District at the office of C. E. Carter, engineer, 822 Spalding Bldg., Portland, (to be opened at 8 p. m.) at the Pump House of the Water District, SW 40th Ave. and Taylors Ferry Road, Portland, for the construction of water mains and appurtenances. Portland.

Bidder's bond in amount of 5% to accompany bids. Plans were prepared by Engineer C. E. Carter, 822 Spalding Bldg., Portland, and are available from his office upon deposit of $25.00.

Work involves:

(1) 8800 l.f. 12-in. cast iron pipe;
(2) 4000 l.f. 10-inch do;
(3) 16,000 l.f. 8-inch do;
(4) 9000 l.f. 6-inch do;
(5) 15,000 l.f. 4-inch do;
(6) 800 l.f. 2-inch do;
(7) 6000 l.f. ⅛-in. copper piping;
(8) 13,200 l.f. ½-inch do;
(9) necessary gate valves, fittings and appurtenances.

Schedules will ask quotations on both rail and water delivery of pipe and alternate bids will be taken for (a) flexible joint cement-lined pipe; (b) open bell cement-lined pipe; (c) open bell unlined pipe.

A bid call is expected to be issued in about 60 days for three concrete covered reservoirs, two each of 500,000- and one of 250,000-gal. capacity; cost, $70,000. 33

January 24, 1946
TO PREPARE SURVEY

VENTURA COUNTY, Calif.—Engineer Donald R. Warre, 500 South Figueroa St., Los Angeles, Herman Blau, in charge of field work, will started work January 14 on the Matilija Dam site survey for the Ventura County Flood Control District. The purpose of the survey is to determine the exact location for the dam and to supply data for designing the structure. 33

(Continued on Page Four)

0.3 MILE GRADE AND PAVE, VALLEJO, CALIF.

SOLANO COUNTY, Calif.—C. M. Syar, Box 1431, Vallejo, Calif., at $27,494, submitted the low bid to the State Division of Highways, G. T. McCoy, state highway, engineer, Public Works Bldg., Sacramento, for about three-tenths mile in length to be graded and paved with asphalt concrete on crusher run base on Waterfront Rd., between Virginia St. and Santa Clara St., in the City of Vallejo, Solano Co., Calif. This is a national defense contract.

The work involves:

(1) 45 cu. yds. remove concrete;
(2) 1750 cu. yds. roadway excavation;
(3) 105 cu. yds. structural excavation;
(4) 2300 sq. yds. compact original ground;
(5) 400 cu. yds. imported borrow;
(6) 250 cu. yds. rock fill;
(7) develop water supply and furnish water equipment;
(8) 400 M gallons apply water;
(9) 15 sta. finish roadway;
(10) 5900 tons crusher run base;
(11) 3 tons liquid asphalt MC-2 prime coat;
(12) 8 tons asphaltic emulsion paint binder, seal and armor coat;
(13) 100 tons screenings armor coat;
(14) 1233 tons asphaltic concrete;
(15) 400 lin. ft. raised bars;
(16) 3 cu. yds. class A portland cement concrete structures;
(17) 34 cu .yds. class A portland cement concrete curbs and gutters;
(18) 39 each curb dowels;
(19) 108 lin. ft. 18-in. CMP, 14-gage;
(20) 3 each cast steel frames and covers;
(21) 300 lbs. bar reinforcing steel.

Total bids were:

(A) C. M. Syar, Vallejo, $27,494.
(B) Parish Bros., Benicia, $29,611.60.
(C) E. A. Forde, San Anselmo, $30,367.10.
(D) E. E. Lowell, Vallejo, $30,918.85.
(E) A. G. Raisch Co., San Francisco, $30,919.
(F) Lee J. Immel, San Pablo, $31,558.60.
(G) J. Henry Harris, Berkeley, $38,529.90.

Unit prices were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 6.00	$ 8.00	$ 6.00	$ 8.00	$ 5.60	$ 6.00	$ 5.06
(2)	.40	.85	1.10	1.20	1.00	1.35	2.19
(3)	2.00	2.00	2.50	3.00	2.90	2.75	5.06
(4)	.10	.10	.10	.10	.15	.10	.17
(5)	2.60	2.05	2.35	2.00	3.50	2.20	4.19
(6)	6.00	6.85	7.90	4.50	6.50	8.25	7.13
(7)	50.00	300.00	250.00	100.00	150.00	150.00	276.00
(8)	1.00	1.25	1.00	1.60	2.30	1.50	1.92
(9)	5.00	8.00	10.00	8.00	6.00	10.00	36.20
(10)	2.40	2.45	2.65	2.60	2.50	2.65	2.93
(11)	19.00	20.00	22.00	30.00	30.00	25.00	44.70
(12)	20.00	22.00	30.00	24.00	34.00	28.00	47.70
(13)	5.00	4.00	4.00	5.00	4.00	5.00	10.16
(14)	5.00	5.20	4.70	5.75	5.50	5.00	5.58
(15)	1.00	1.25	1.25	1.50	1.00	.75	1.00
(16)	90.00	55.00	60.00	35.00	60.00	50.00	62.50
(17)	25.00	32.00	24.00	24.00	20.00	30.00	41.40
(18)	1.00	.40	.50	.60	1.00	.75	.80
(19)	2.50	2.50	2.95	2.40	2.00	2.70	4.35
(20)	30.00	75.00	60.00	22.00	70.00	45.00	73.60
(21)	.16	.12	.10	.12	.15	.10	.25

TWO BRIDGES EAST OF TRACY, SAN JOAQUIN CO.

SAN JOAQUIN COUNTY, Calif.—Stockton Constr. Co., 40 West Clay Sto., Stockton, at $119,997 submitted low bid to the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for the construction of two bridges, one a steel beam span bridge on concrete pile bents across Paradise Cut and the other a reinforced concrete slab bridge on concrete pile bents across Paradise Cut overflow, about six miles east of Tracy in San Joaquin County.

The work involves:

(1) 750 cu. yds. structural excavation;
(2) 1036 cu. yds. class A portland cement concrete;
(3) 504,300 lbs. furnish structural steel;
(4) 504,300 lbs. erect structural steel;
(5) 1700 lbs. cast steel;
(6) 7025 lin. ft. furnish concrete piles;
(7) 145 each drive concrete piles;
(8) 155,000 lbs. furnish bar reinforcing steel;
(9) 155,000 lbs. place bar reinforcing steel;
(10) miscellaneous items of work.

Total bids were:

(A) Stockton Constr. Co., Stockton, $119,997.
(B) Macco Constr. Co., Clearwater, $122,715.25.
(C) George Pollock Co., Sacramento, $129,744.95.
(D) Kiss Crane Co., San Pablo, $134,538.13.
(E) A. Soda & Son, Oakland, $135,70984.
(F) Chittenden & Chittenden, Auburn, $140,722.50.
(G) MJB Constr. Co., Stockton, $142,652.00.
(H) Fred D. Kyle, Pasadena, $143,898.00.
(I) Fredricksen & Watson Constr. Co., Oakland, $144,931.70.
(J) M. & K. Corp., San Francisco, $151,818.75.
(K) Guy F. Atkinson Co., San Francisco, $152,676.50.
(L) Bechtel Bros. & McCone Co., San Francisco, $158,205.

Unit prices were:

	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
(A)	$2.00	$30.00	$.07	$.02	$.60	$2.00	$60.00	$.04	$.02	$8960.00
(B)	2.00	32.00	.07	.02	.50	3.15	60.50	.04	.015	2400.00
(C)	2.50	33.45	.065	.025	.55	2.75	124.00	.036	.013	2000.00
(D)	2.00	40.00	.08	.015	.90	2.35	120.00	.04	.01	500.88
(E)	700	35.00	.07	.02	.50	2.50	130.00	.04	.01	3800.34
(F)	3.00	40.00	.08	.02	.70	2.50	125.00	.04	.015	1200.00
(G)	2.50	35.00	.0874	.017	.98	4.10	58.00	.038	.02	4000.00
(H)	10.00	38.00	.08	.02	.50	4.00	40.00	.05	.02	1000.00
(I)	7.60	40.00	.07	.029	.58	2.40	135.00	.047	.012	1300.00
(J)	2.70	43.00	.0925	.01	.95	3.00	127.00	.055	.015	1600.00
(K)	3.00	54.00	.07	.03	.70	2.50	100.00	.045	.015	1500.00
(L)	4.00	55.00	.06	.04	.30	3.40	80.00	.03	.03	2500.00

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS

Building Permits, $1,000 and Over, Applied For

SAN FRANCISCO COUNTY

Correction
DWELLINGS, four 1-story frame
SE Bayshore 30, 350 SW Hester; S Hester Ave 70 W Wheeler; NW Wheeler 400 NE Blanken Ave.
Owner and Builder—Gilbert L Plov, 395 Monterey Blvd.
Architect—Not Given. $4,850 each
(App Nos 85457-8, 85459-60).
The owner and builder was previously reported incorrectly.

FACTORY, CLASS C PAINT
W MISSISSIPPI 100 N Mariposa St.
Owner—H Levin, 1445 Bush Street.
Contractor—Fred W Schell, 666 Mission Street.
Architect—Not Given. $30,000
(App No 85496).

APARTMENTS, 3-story frame
S CHESTNUT ST 82.6 W Kearny.
Owner—Wm Mayo, 212 Clara St.
Contractor—A F Mattock Co, 212 Clara Street.
Architect—Not Given. $25,000
(App No 85501).

ALTER BAR
609 MARKET STREET.
Owner—Jack Ruskin, premises.
Contractor—Undlin Store Fixture Co 684 McAllister St.
Architect—Not Given. $7,000
(App No 85500).

ALTER RESTAURANT
479 BROADWAY.
Owner—Adelio Micor, 1492 Pacific.
Architect—Not Given. $6,000
(App No 85482).

ALTER STORES
1430 VAN NESS AVENUE.
Owner—Carlo S Morbio, 58 Sutter.
Contractor—Fred W Schell, 666 Mission Street.
Architect—Not Given. $5,000
(App No 85488).

STORES, 1-STORY FRAME
S IRVING ST 32 E 18th Ave.
Owner—E N Kantaxis, 1649 Irving.
Contractor—Not Let.
Architect—Not Given. $3,800
(App No 85498).

ALTER STORE
691 MARKET STREET.
Owner—Walter Willey, c/o cntr.
Contractor—Antone Peterson & Sons 2758 San Bruno Ave.
Architect—Not Given. $2,000
(App No 85304).

ALTER AUT
2076 VALLEJO STREET.
Owner—E C Fleischmann, premises.
Contractor—R C McBride, Jr, 2212 Polk St.
Architect—Not Given. $2,000
(App No 8[illegible]07).

ALTER STORE
150 SUTTER STREET.
Owner—E Zevingman, 154 Sutter St.
Contractor—Fred W Schell, 666 Mission Street.
Architect—Not Given. $2,000
(App No 85491).

ALTER RESIDENCE
2281 FILBERT STREET.
Owner—A Wilbur Woodriff, prem.
Architect—Not Given. $1,500
(App No 85495).

ALTER APT
400 DUBOCE AVENUE.
Owner—Ray Button, premises.
Contractor—Fred Hoffman, 5 Sussex Street.
Architect—Not Given. $1,500
(App No 85483).

CONCESSION STAND, Class B
NE 16th and BRYANT STS.
Owner—Calif Sport Service, Seals Stadium.
Contractor—W Blenfield, 666 Mission.
Architect—Not Given. $1,500
(App No 85497).

ALTER CLUB
CALIFORNIA and Mason Streets.
Owner—Pacific Union Club, prem.
Contractor — Albert Massagli, 3821 Geary Blvd.
Architect—Not Given. $1,250
(App No 85509).

ALTER STORE
4947 THIRD STREET.
Owner—Geo Petersen & Sons, 4947 Third Street.
Contractor—Redmond Constr Co, 362 Vienna Street.
Architect—Not Given. $1,200
(App No 85505)

ALTER STORE
2101-09 MARKET STREET.
Owner—L Fritze and J Strazzarino, 2450 Folsom St.
Contractor—Geo T Robinson, 43 Milan Terrace.
Architect—Not Given. $1,000
(App No 85489).

Building Permits, $1,000 and Under, Applied For

SAN FRANCISCO COUNTY

ALTER dwelling, $800; 1182 Sacramento; owner, E Thasas, premises; contractor, E T Haas Co, 1104 Merchants Exchange Bldg.
SIGN, electric, $775; 150 Mason St; owner, Rafael, prem; contractor, Brumfield Elec Sign Co, 965 Folsom Street.
ALTER dwelling, $600; 64 Grand View Ave; owner, Lt Cmdr M R Growney, premises.
ALTER residence, $550; 726 21st Ave; owner, R Carsen, prem; contractor S F Terrazzo Co, 3730 Third St.
ALTER shop, $500; 730 La Playa; owner, Whitney's at the Beach, 4800 Cabrillo.
ALTER flats, $500; 235 25th Ave; owner, E Kurtz, 2610 Lake Street; owner, H H Burke Rfg Co, 654 Fulton St.
ALTER commercial bldg, $500; 1960 Folsom St; owner, Watson & Meehan, premises.
ALTER flats, $500; 1529½ Steiner; owner, Peter A Rector, premises; contractor, Richard N Tone, 1555 Page St.
ALTER dwelling, $500; 29 Maywood Dr; owner, Allen Waugh, prem; contractor, Richard N Tone, 1555 Page St.
SIGN, electric, $440; 20 Annie St; owner, Durkin, prem; contractor, Brumfield Elec Sign Co, 965 Folsom St.
ALTER dwelling, $400; 1526 Webster St; owner, R Gifford and T Johnson, prem; contractor, Martinez & Calhoun, 528 Hemlock.
SIGN, electric, $275; 1201 Vicente; owner, Gasevoda, premises; contractor, Brumfield Elec Sign Co, 965 Folsom St.
ALTER apts, $250; 232 Mississippi; owner and contractor, W A Sheets, premises.
ALTER residence, $200; 125 Cornwall St; owner, May V Richards, premises.
SIGN, electric, $150; 469 Eddy St; owner, Union Oil Co, prem; contractor, Electrical Products Corp, 910 Harrison St.
SIGN, electric, $50; 932 Fillmore St; owner, E Elchenbaum, premises; contractor, Brite Lite Neon Co, 1095 Folsom St.
BARBER POLE, $50; 92 Fourth St; owner and contractor, Fred Veit, 92 4th St.

Building Permits, $1,000 and Over, Applied For

ALAMEDA COUNTY

ALTERATIONS AND ADDITION
3217-19 LAKESIDE AVE., OAKLAND
Owner—Vasco E. M. Osario, 400 29th Street.
Builder—Cosca & Marquis Construction Co., 3000 E. 14th St.
Architect—Not Given. $30,000

ADDITION
2385 103RD AVE., OAKLAND.
Owner — Grace Methodist Church, 2385 103rd Ave.
Builder—Drinkward Bros., 7801 Outlook Ave.
Architect—A. A. Cantin, 704 Market St., San Francisco. $15,000

1-STORY 5-ROOM DWELLING
1918 HOOVER AVE., OAKLAND.
Owner and Builder—O. W. Johnson, 5506 Thornhill Dr.
Architect—Not Given. $7,500

1-STORY 5-ROOM DWELLING
2029 ST. JARLATHE AVE., OAKLAND.
Owner and Builder—Sol Scherman, 3805 Foothill Blvd.
Architect—Not Given. $5,000

ALTERATIONS
3820 GROVE ST., OAKLAND.
Owner—Bob Canier, 3646 Grove St.
Builder — Walter J. Josephs, 3122 Minna Ave.
Architect—Not Given. $4,000

ELECTRIC SIGN
1338 BROADWAY, OAKLAND.
Owner—Coca-Cola Co.
Builder—Neon Maintenance Corp., 755 Davis St., San Francisco.
Architect—Not Given. $1,800

ADDITION
2930 106TH AVE., OAKLAND.
Owner—George Hughes, 2930 106th Ave.
Builder—Victor K. Lassen, 422 41st.
Architect—Not Given. $1,600

PERMITS UNDER $1,000

ALAMEDA COUNTY

OAKLAND

GARAGE, $800; 881 53rd St; owner and builder, Edward De Vinsenze, 881 53rd St.
ALTER dwelling, $690; 2319 38th Ave; owner and contractor, A L Wilson, 2321 38th Ave.
GARAGE, 1-story, $600; 3853 High St; owner and builder, Thomas Harrington, premises.
SIGNS, nine electric, 2086 Broadway, $500, owner, The Omar; 791, 793 West, $475 each, owner, J Christman, prem; 3829 Broadway, $450, owner, Broadway Vacuum Cleaner Store, prem; 7533 MacArthur Blvd, $450. owner, F F Bell, prem; 1698 7th St, $450, owner, John Cabibi, premises; 1426 Market Street, $450, owner, Martin's Variety Store, 1426 Market St; 4712 E 14th St, $425, owner, L B Frederick, prem; 2124 Broadway, $400, owner, Silver-Bell Radio, prem; contractor, on all, General Neon Lite Co, 911-A 53rd Avenue.
ADDITION, $350; 5867 Fremont St; owner, Al Costa, prem; contractor, John Militillo, 5825 Fremont.
SIGN, electric, $350; 2419 Broadway; owner, Typewriter Doctor's, prem; contractor, General Neon Lite Co, 911-A 53rd Ave.
WRECK 3-story bldg, $300; 922 Webster St; owner, Pioneer Beverage Ltd, 343 10th St; contractor, J D Ballinger Co, 1905 Cypress St.
GARAGE, 1-story, $280; 10817 Acalanes Dr; owner and builder, L F Xavier, premises.
ALTER, $200; 921 Harrison Street; owner, Standard Chemical Co, 921 Harrison St; contractor, C R Anderson, 1237 Evelyn Ave, Berkeley.
SIGNS, five electric, 2086 Broadway, $300, owner, The Omar, premises; 2009-11 Grove St, $290, owner E G Hartwick, prem; 3867 Piedmont Ave, $275, owner, Gil's Home Appliance, prem; 3307 Grand Ave, $275, owner, National Hardware Co, 3307 Grand; 1185 7th St, $230, owner, H & H Cafe, prem; contractor on all, General Neon Lite Co, 911-A 53rd.
SIGNS, eight electric, 1576 7th St, $300, owner, Mike Merkovitz, 1576 7th St; 10102 E 14th St, $200, owner General Pet Corp, prem; 7340 E 14th St, $200, owner, General Pet Corp; 7500 MacArthur Blvd, $200, owner, General Pet Corp; 3320 Lakeshore Ave, $200, owner, General Pet Corp; 6739 Foothill Blvd, $200, owner, General Pet Corp; 3209 12th St, $200, owner, General Pet Corp; 5500 E 14th Street, $200, owner, General Pet Corp; contractor on all, Neon Maint Corp, 755 Davis St, San Francisco.
SIGNS, five electric, 3830 E 14th St, $200 each (2), owner, Nick's Fountain Lunch, prem; 5947 MacArthur Blvd, $200, owner, Lonnies Kiddie Shop, premises; 6703 San Pablo Ave, $200, owner, Eagle Cafe, prem; 3120 Fruitvale Ave, $150, owner, Sadie Bricbeque, prem; contractor on all, General Neon Lite Co, 911-A 53rd Ave.
ALTER, $150; 1350 E 14th St; owner, R H Bacon, prem; contractor, Arthur Stone, 1843 34th Ave.
BILLBOARD, $50; SW Cor 19th and Adeline Sts; owner and contractor, Special Site Sign Co, 3225 Louise St.
BILLBOARDS, two, $25 each; N 7th St 25 E Union; NE Cor 37th and Telegraph; owner and contractor, Foster & Kleiser, 22nd and Market Streets.
SIGN, flat, $10; 5340 Grove Street; owner and contractor, Harold W Olsen, premises.

BURLINGAME

RESIDENCE, $13,000; Lot 27 Blk 1, Adeline and Vancouver; owner, Dorothy Oracle; contractor, R E Broderick, 130 12th Ave, San Mateo.
RESIDENCE, $13,000; Lot 7 Blk 58, Vancouver; owner, S O'Brien; contractor, Robt E Broderick, 130 12th Ave, San Mateo.
RESIDENCE, $8000; Lot 9 Blk 22 Channing Road; owner, Carl F A Johnson; contractor, Joe Bettancourt, 422 San Anselmo Ave, San Bruno.
RESIDENCE, $7700; Lot 17 Blk 9 Killarney Lane; owner, Roy T Nilsen; contractor, W O Nicolaides & Son, 218 Peninsular Avenue, San Mateo.
RESIDENCE, $6500; 944 Laurel; owner, R E Doss; contractor, H E Winfrey, 865 Bayshore Blvd.
ADDN to residence, $5000; 1456 Alvarado; owner, H H Voss; contractor, V A Enrico, 1428 Balboa.
ALTER residence, $2000; 1249 Bellevue; owner, Aug Cufferata; contractor, Geo Arthur & Sons, 941 S Claremont St, San Mateo.
ALTER store bldg, $1000; 1462 Burlingame Ave; owner, Geo Cordis; contractor, H E Winfrey, 865 Bayshore Blvd.
RE-STUCCO $600; 954 Laguna; owner, Sam Hill; contractor, Fred E Whelen, 1105 Dufferin Ave.
ALTER room, $200; 1134 Clavelly; owner and contractor, H E Engstrom.

SAN MATEO

CHURCH, $40,000; 2500 Hacienda; owner, San Mateo Presbyterian Church; contractor, Geo Arthur & Sons, 941 S Claremont Street, San Mateo.
CHURCH, $25,000; 2801 Alameda de Los Pulgas; owner and builder, S F Bay Cities Union Baptist Ch, 83 McAllister St, San Francisco.
STORE, $18,000; 101-3-5 25th Ave; owner, Monson Bros; contractor, H D Currence, 30 10th.
DWELLING, $12,000; 737 Oregon; owner and builder, Finlof Bros.
OFFICE, $11,000; 2000 El Camino; owner, Fox & Carskalan; contractor, W H May, RFD 140 B.
DWELLING, $10,000; 815 Crescent; owner, E Kime, 811 Crescent Ave; contractor, H P Kime.
DWELLING, $9000; 260 41st Ave; owner, Harold and Madlyn Comstock; contractor, Peninsula Home Bldrs, 25th and S El Camino Real.
DWELLING, $9000; 342 41st Ave; owner, Louis H and Helen Hill; contractor, Peninsula Home Bldrs, 25th and S El Camino Real
REAL Estate Office, $9000; 2708 El Camino Real; owner and builder, M F Conwell Bldg Co.
RESTAURANT, $9000; 2712 El Camino Real; owner and builder, M F Conwell Bldg Co.
DWELLING, $6000; Lot 19 Blk 68 St Inez Park; owner, C J McDonald; contractor, Gould Constr Co, 680 Laurel St, San Carlos.
ALTER apt, $3000; 1415 El Camino; owner and contractor, L C Betsold.
ALTER residence, $2000; 811 Crescent; owner, Elwood Kime, 811 Crescent Ave; contractor, H P Kime.
BRICK PLANT, $2000; 3991 Pacific Blvd; owner, L D Wreckers; contractor, Geo Arthur & Sons, 941 S Claremont St.
STORE BLDG, $1800; 142-46 Third Ave; owner, H Bamerman; contractor, James H Arthur.
ALTER STORE, $1000; 1520 El Camino; owner and contractor, Vincent Lucata.
ALTER DWELLING, $1000; 823 Oregon; owner, Col Panst; contractor, Geo A Cole, 1300 Edgehill Drive, Burlingame.
GARAGE, $600; 1214 2nd Avenue; owner and builder, C H Gould.
ALTER dwelling, $500; 1312 Maple; owner, M A Barrie; contractor, C W Roberts & Sons, 160 Los Banos, Daly City.

SAN JOSE

RESIDENCE, $7000; 1954 McDaniel Ave; owner, Roland Rand; builder, Judkins & Son, Route 2, Box 404, San Jose.
RESIDENCE, $7000; 1122 Lennon Way; owner, James Cowell; builder, F L Forsyth, 1181 Pine St, San Jose.
RESIDENCE, $7000; 1135 Malone Rd; owner, James Cowell; builder, F L Forsyth, 1181 Pine St, San Jose.
RESIDENCE, $6500; 170 N 7th St; owner and builder, M Ucovich.
RESIDENCE, $6000; 590 Chapman; owner, A G McCracken; builder, J M Hull.
RESIDENCE, $6000; 640 E William; owner, H W Walters; builder, J H Thielman.
RESIDENCE, $5500; 1393 Shortridge Ave; owner and builder, Manuel A Silva.
RESIDENCE, $5500; 1369 Shortridge Ave; owner and builder, Manuel A Silva.
RESIDENCE, $5500; 420 University Ave; owner, M L Meier; builder, N D Bruce Jr.
RESIDENCE, $5000; 1675 E San Antonio St; owner and builder, Thos Glon.
REPAIRS, $5000; 380 Stockton Ave; owner, Richmond-Chase Co; builder, Carl N Swenson Co, 355 Stockton Ave, San Jose.
RESIDENCE, $5000; 319 S 20th St; owner and builder, Albert Eastman.
RESIDENCE, $5000; 360 Hedding St; owner and builder, Wm G Mosher.
RESIDENCE, $4500; 290 N 24th St; owner and builder, C C Polson.
ADDITION, $4300; 335 E Taylor St; owner, Santa Clara County Vegetable Growers' Assn; builder, Dan Caputo, 985 Delmas Ave, San Jose.
RESIDENCE, $4000; 334 Hull Ave; owner and builder, Robt L Talbot.
REPAIRS, $3500; 837 Almaden Ave; owner and builder, Attilio Ranaldi.
REPAIRS, $3000; 26 S 2nd St; owner, Allen Young; builder, E C Leick.
ALTERATIONS, $3000; 234 W Santa Clara St; owner, Emma J Chase; builder, Al Bolei, 154 Vine St, San Jose.
ADDITION, $2500; 534 Stockton Ave; owner, A J Peters & Son; builder, Carl N Swenson Co, 355 Stockton Ave, San Jose.
OFFICE BUILDING, $2500; 1130 Bird Ave; owner and builder, Victory Lumber Co.
BUSINESS BUILDING, $2500; 535 N 7th St; owner and builder, John W Schlosser.
PARTITIONS, $2000; 303 W San Fernando; owner, Service Electric Co; builder, Al Bolei, 154 Vine St, San Jose.
RESIDENCE, $2000; 864 N First St; owner and builder, Ed Bertola.
ALTERATIONS, $2000; 10 S Morrison; owner, Dr H Hardenburgh; builder, C Harris.
REPAIRS, $2000; 350 N 16th St; owner and builder, E W Cook, 7455 E 58th St, Los Angeles.
ADDITION, $1850; 431 N 15th St; owner, V F Navarra; builder, Sol Guardino.
ADDITION, $1800; 1555 E Santa Clara; owner and builder, Harry A Boos.
ALTERATIONS, $1500; 950 The Alameda; owner and builder, Dr Helen Hardenburgh.
RESIDENCE, $1500; 780 N 12th St; owner and builder, E E York.
OFFICE BUILDING, $1500; 1130 Bird Ave; owner and builder, Victory Lumber Co.
PARTITION, $1250; 333 W Julian St; owner Food Machinery Corp; builder, Bert P Ward & Son, 1245 Lincoln Ave, San Jose.
ALTERATIONS and GARAGE, $1000; 1196 Britton Ave; owner and builder, Earl W Heple, 494 Delmas Ave, San Jose.

Building Permits, $500.00 and Over, Issued by the Board of Public Works

SAN FRANCISCO COUNTY

JANUARY 23, 1946

S Taraval 60 E 14th Ave; alter cleaning shop; $2000; owner, Knickerbocker & Arnott.

2146 Great Highway; alter dwelling; cost, $600; owner, E Geary.

991 Howard St; alter store and warehouse; cost, $1000; owner, Korbus Glass Co.

135 Sansome St; alter offices; cost, $49,000; owner, S F Stock Exchange.

1306 Fulton St; alter offices and display room; cost, $6275; owner, Sarah Coker.

201 Jone St; alter bar; cost, $3000; owners, Wm Mountanos, Peter Georgarious, James Pantages.

425 Ellis St; alter store; cost, $695; owner, The Prime Rib.

SW Cor Grant Ave and Malden Lane; alter stores; cost, $85,000; owner, Hale Bros Stores.

218 Fremont St; alter mfg plant; cost, $1500; owner, Natt Welding Equipment.

N Geary 62 E 23rd Ave; one-story frame bldg; cost, $7000; owner, L J Bass.

E 46th Ave 143 N Noriega; E 46th Ave 100 N Santiago; SE Cor 45th Ave and Pacheco; S 45th Ave 25 S Pacheco; four 1-story frame bldgs; cost, $5700 each; owner, M J King.

S Lombard St 114 E Pierce; one-story frame bldg; cost, $14,000; owner, Frank and Evelyn Thatcher.

46 and 50 Entrada Court; one-story frame bldg; cost, $750; owner, T Humphery and E Larsen.

NE Cor Oakdale and Raklin; one-story frame bldg; cost, $4000; owner, W B Jefferson.

1226 Fillmore St; Class C bldg; cost, $1500; owner, Nasser Bros.

S Irving St 32 E 18th Ave; one-story frame bldg; cost, $3800; owner, E N Kantaxis.

Completion Notices

SAN FRANCISCO COUNTY

Recorded Accepted
Jan 23, 1946—SW SICKLES AVE 75-6 NW Sears NW 25-3 x SW 65. Chas F Corrigan to Ingvar Baldwinson.......January 23, 1946

ALAMEDA COUNTY

Recorded Accepted
Jan 23, 1946—3100-06 35th AVE, Oakland. E D McKinnon to J C Frazier.......January 21, 1946
Jan 23, 1946—914 MOUNTAIN Blvd. Jean Ramstein to whom it may concern.......January 22, 1946
Jan 23, 1946—LOTS 43 and 44 Blk C, Resub High St Villa Tr, Oakland. Geo L and Ann Wyman to E Van Ness.......January 21, 1946
Jan 22, 1946—LOTS 20 to 27 incl, Lots 33 to 40 incl and Lot 42. Tract 709, Oakland. Schultz Construction Co.......January 21, 1946
Jan 22, 1946—10516 BYRON AVE, Oakland. Merritt W Dunning to C R Tisher.......January 22, 1946
Jan 22, 1946—LOT 16 Blk A, Piedmont Vista, Piedmont. Alice O Jacobus to Ralph E Norris.......January 13, 1946
Jan 21, 1946—LOTS 6, 8, 10, 12 and 14, ptn Lots 3 and 4 Block 51, Townsite of Fitchburg, Oakland. Crown Body & Coach Corp to D W Nicholson Corp.......Jan 21, 1946

Non-Responsibility

SAN FRANCISCO COUNTY

Jan 23, 1946—N HAIGHT ST 62-6 E Cole. Harry E and Josephine Squire and Effie Boukard as to improvements on property.
Jan 22, 1946—62 FIRST ST. Julius H and Alma Bernheim as to improvements on property.

ALAMEDA COUNTY

Jan 21, 1946—2255-7-9-2261 E 14th ST, Oakland Adolph and Norman Knopf, E M Hughen as to improvements on property.

Electrical Permits

SAN FRANCISCO COUNTY

7819 943 Market St; owner, Scott Co; contractor, Hampton Electric; 1 motor.
7820 1821½ Taraval St; owner, Scott Co; contractor, Hampton Electric; 1 motor.
7821 62 1st St; owner, Taube Mfg Co; contractor, Central Electric Co; alterations.
7822 62 1st St; owner, Goldin Rohne; contractor, Central Electric Co; alterations.
7823 750 Post St; owner, Post St Body & Fender Works; contractor, Industrial Marine Electric & Eng Co; 1 outlet.
7824 801 Bush St; owner, S Gerson; contractor, Industrial Marine Electric & Eng Co; service.
7825 1653 Market St; owner, Corbett Grill; contractor, Apex Electric; 1 sign; 6 transformers.
7826 310 Jessie St; owner, Quality Hats; contractor, Apex Electric; 1 sign.
7827-53 Various locations and owners; contractor, Apex Electric Co; signs; transformers.
7854-59 Various locations and owners; contractor, H G Wilson; signs; alterations.
7860 N 16th St 250 E Mission St; owner, Store; contractor, Cimino Electric Co; 26 outlets; 7 switches; 2 plugs; 1 motor.
7861 35 Polk St; owner, Warehouse; contractor, Malm & Welter; 1 motor.
7862 1286 Folsom St; owner, McFadden; contractor, Malm & Welter; 1 motor.
7863 335 5th St; owner, Snyder; contractor. American Electric Const Co; alterations.
7864 155 Golden Gate Ave; owner, St Boniface Church; contractor, Golden Gate Electric; alterations.
7865 270 Bayshore Blvd; owner, Epple; contractor, Golden Gate Electric; 6 outlets; 2 switches; 3 plugs.
7866 1621 Market St; owner, J W Martini; contractor, Brite-Lite Neon Co; 1 transformer.
7867 19th and Valencia Sts; owner, Barney Marrow; contractor, Brite-Lite Neon Co; 5 transformers.
7868 4800 Cabrillo; owner. Amusement Concession; contractor, Brite-Lite Neon Co; 7 transformers.
7869 1188 Market St; owner, Orpheum Theater; contractor, QRS Neon Co; sign; 7 transformers.
7870 51 Eddy St; owner, Ed Danielson; contractor, QRS Neon Co; 1 sign; 2 transformers.
7871 871 Mission St; owner, Silverberg; contractor, Liberty Electric Co; 3 outlets; 3 switches; 2 plugs; alterations.
7872 N Ulloa 57 W of 30th Ave; owner. A Nelson; contractor, F P Tattenham; 1 motor.
7873 SW Sagamore 225 W Capitol; owner, ...; contractor, F P Tattenham; alterations.
7874 151 Bayshore Blvd; owner, Coast Mills; contractor, Quality Electric Co; 4 outlets; 2 plugs; 2 motors.
7875 1025 Golden Gate Ave; owner, Superior Laundry; contractor, Quality Electric Co; 1 outlet; 1 switch; 1 plug; 1 motor.
7876 2450 Harrison; owner. United Textile; contractor. Quality Electric; 6 outlets; 2 switches; 6 plugs.
7877 155 Bayshore Blvd; owner, Utility Trailer; contractor, Quality Electric; 16 outlets; 2 switches.
7878 3240 21st St; owner, Schender; contractor, B J Doherty; 4 outlets; 2 switches; 3 plugs.
7879 3236 21st St; owner, Schender; contractor, B J Doherty; 11 outlets; 3 switches; 3 plugs.
7880 3238 21st St; owner, Schender; contractor, B J Doherty; 2 outlets; 2 switches; service.
7881 535 Arch St; owner, L Sundberg; contractor, Arc Electric; 12 outlets; 10 switches; 8 plugs.
7882 531 Arch St; owner, L Sundberg; contractor, Arc Electric; 12 outlets; 10 switches; 8 plugs.
7883 527 Arch St; owner, L Sundberg; contractor, Arc Electric; 12 outlets; 10 switches; 8 plugs.
7884 1923 Ocean Ave; owner, Brendson; contractor, Arc Electric; 12 outlets; 10 switches; 8 plugs.
7885 327 Winfield St; owner, Bondary; contractor, Arc Electric; 9 outlets; 8 switches; 7 plugs.
7886 36 Winfield St; owner, Barney; contractor, Arc Electric; 6 outlets; 4 switches; 3 plugs.
7887 1515 46th Ave; owner, E T Adams; contractor, Arc Electric; 9 outlets; 8 switches; 8 plugs.
7888 436 42nd Ave; owner, Norton; contractor, F H Tattenham; 12 outlets; 12 switches; 14 plugs; service.
7889 Silliman and Cambridge Sts; owner, City and County of San Francisco; contractor, F H Tattenham; alterations.
7890 Hillcrest School; owner, City and County of San Francisco; contractor, F H Tattenham; 1 motor.
7891 2201 Bayshore Blvd; owner, Schlage Lock Co; contractor, Geo F Brayer; service.
7892 155 Bridgeview Dr; owner, Wilder; contractor, Eureka Electric; 9 outlets; 7 switches; 13 plugs; service.
7893 171 Bridgeview Dr; owner, ...; contractor, Eureka Electric; 9 outlets; 7 switches; 13 plugs
7894 179 Bridgeview Dr; owner, Wilder; contractor, Eureka Electric Co; 9 outlets; 7 switches; 13 plugs; service.
7895 183 Bridgeview Dr; owner, Wilder; contractor, Eureka Electric Co; 9 outlets; 7 switches; 13 plugs; service.
7896 187 Bridgeview Dr; owner, Wilder; contractor, Eureka Electric Co; 9 outlets; 7 switches; 13 plugs; service.
7897 195 Bridgeview Dr; owner, Wilder; contractor, Eureka Electric Co; 9 outlets; 7 switches; 13 plugs; service.
7898 3828 California St; owner, Empire Theater Co; contractor, Century Electric Co; 1 transformer.
7899 3707 Sacramento St; owner, Spruce Cleaners; contractor, Century Electric; 1 motor; 1 sign.; 1 plug.
7900 3315 Balboa St; owner, Goss Plumber; contractor, Century Electric; alterations.
7901 1516 Bayshore Blvd; owner, L Pecci; contractor, Globe Electric; 10 plugs; service; 3 motors.
7902 40 Van Ness Ave; owner, ...; contractor, Associated Electric & Mech Co; 9 outlets; service.
7903 421 Powell St; owner, Hawkins; contractor, Crown Electric; 17 outlets; 3 switches; 9 plugs; alterations.
7904 291 Geary St; owner, St Paul's Bldg; contractor, Crown Electric; 5 outlets; 5 switches; 10 plugs; 1 sign; 2 transformers.
7905 4715 Mission; owner and contractor, QRS Neon Corp; 1 sign; 2 transformers.

OAKLAND

34947 4250 Laguna; owner, George Davis; contractor, Davis Electric; outlets; switches.
34948 7016 E 14th St; owner, Ralphbin; contractor, Davis Electric; outlets; fixtures.
34949 373 40th St; owner, Stone; contractor, Davis Electric; outlets; switches.
34950 2758 Park Blvd; owner, Huston & Associates; contractor, Davis Electric; outlets; switches; fixtures.
34951 7875 MacArthur Blvd; owner, Oakland Pet Shop; contractor, Davis Electric; outlets; switches.
34952 Corner 71st Ave and E 14th St; owner, Huston & Associates; contractor, Davis Electric; outlets; fixtures; switches.
34953 N side MacArthur 197 W Midvale; owner and contractor, Foster & Kleiser; 6 outlets; 1 switch; 6 fixtures.
34954 4270 Broadway; owner, Cheney Bros; contractor, T L Rosenberg; alterations.
34955 762 100th Ave; owner, Sunset Venetian Blind Co; contractor, Matson Electrical; alterations.
34956 541 28th St; owner, Rose; contractor, Matson Electrical; alterations.
34957 7051 Broadway Terrace; owner, Peganavitch; contractor, R O Deidrick; outlets; switches; fixtures; plugs.
34958 2516 Chestnut; owner, Golden State Co; contractor, California Electric; gas pump.
34959 10th Ave and E 12th St; owner, General Petroleum Corp; contractor, Shea Electric; sign.
34960 2226 39th Ave; owner, Lenfeldt; contractor, Flagler Electric; new service.
34961 120 Florence Ave; owner, Harburt; contractor, Fox Electrical; service.
34962 1200 37th Ave; owner, Alfred Gonsalves; contractor, special owner; 5 outlets; 3 switches; 5 fixtures; 6 plugs.
34963 1338 Broadway; owner, Coca Cola Co; contractor, Neon Maintenance Corp; sign.
34964 1576 7th St; owner, Mike Markovits; contractor, Neon Maintenance Corp; sign.
34965 101st and E 14th St; owner, General Petroleum Corp; contractor, Neon Maintenance Corp; sign.
34966 74th Ave and E 14th St; owner, General Petrolum Corp; contractor, Neon Maintenance Corp; sign
34967 75th Ave and MacArthur; owner, General Petroleum Corp; contractor, Neon Maintenance Corp; sign
34968 68th Ave and Foothill Blvd; owner, General Petroleum Corp; contractor, Neon Maintenance Corp; sign
34969 E 12th and Fruitvale; owner, General Petroleum Corp; contractor, Neon Maintenance Corp; sign.
34970 Lakeshore and Beacon; owner, General Petroleum Corp; contractor, Neon Maintenance Corp; sign.
34971 55th Ave and E 14th St; owner, General Petroleum Corp; contractor, Neon Maintenance Corp; sign
34972 2311 E 14th St; owner, Safe-T-Mike Condenser Co; contractor, Dimond Electric; new service.
34973 5101 Telegraph; owner, Key Garage; contractor, Paramount Electric; alterations.
34974 475 36th St; owner, Dr Benson; contractor, Paramount Electric; fixtures; alterations.

Purchasing Power

(Continued from Page One)

without regard to the actual necessity for them and with little concern for the repeated failures that preceded them.

"Every year since 1900 some 250-000 to 450,000 retail businesses have failed and a comparable number of new ones have started apparently unaware of what was going on. There has yet been no indication of a reversal of the trend. On the contrary, the post-war period shows signs of stepping up the number of civilians planning to undertake small businesses of their own. In addition some three million veterans are considering such ventures, according to reports received from the armed forces regarding business loans available to them under the G. I. Bill of Rights."

While the problem of inadequate or over-built shopping centers is not a new one, the study explains, it caused little interest because the public did not suffer directly. "Today, however," it continues, "the ill effects of poor retail business reflect directly upon the real estate values, the ratables, the tax rate, and the public suffers."

The text of the study is liberally interspersed with tables and other factual data and gives the theoretical area requirements for neighborhood shopping centers, together with the number and kinds of stores needed.

The study was made possible through the interest of the Field Foundation, Inc., of New York and Chicago.

The booklet may be obtained from the National Committee On Housing, 512 Fifth Ave., New York 18, N. Y., Price $1.00. A copy is on file at the office of the "Builder".

Engineering Section

January 24, 1946

WATER PERMITS ISSUED

SACRAMENTO, Calif.—Permits to appropriate water issued by the Department of Public Works, Division of Water Resources, Sacramento, during December, 1945, were as follows:

Permit 6454, App. 11086 (Calaveras County). Issued to Wm. J. Canepa, Angels Camp, Dec. 4, 1945, for 0.2 c.f.s. from Six Mile Creek for irrigation and stock watering.

Permit 6455, App. 11113 (Humboldt County). Issued to K. L. Blackburn, Fields Landing, Dec. 6, 1945, for 1600 g.p.d. from an unnamed stream for domestic and irrigation of one acre. estimated cost $100.

Permit 6456, App. 11114 (San Bernardino County). Issued to Chas. R. Tayles, Big Bear Lake, Dec. 7, 1945, for 1600 g.p.d. from a spring for domestic purposes.

Permit 6457, App. 11126 (Modoc County). Issued to Milton J. Black, Davis Creek, Dec. 10, 1945, for 2½ c.f.s. and 40 a.f. from an unnamed stream for domestic and irrigation of 240 acres.

Permit 6458, App. 11053 (Los Angeles County). Issued to U. S. Angeles National Forest, Los Angeles, Dec. 12, 1945, for 1350 g.p.d. from Canton Spring for fire protection and stock watering.

Permit 6459, App. 11054 (Los Angeles County). Issued to U. S. Angeles National Forest, Los Angeles, Dec. 12, 1945, for 1350 g.p.d. from Diablo Spring for fire protection and stock watering. Estimated cost, $145.

Permit 6460, App. 11165 (Placer County). Issued to F. M. Hardy, Roseville, Dec. 14, 1945, for 16,000 g.p.d. from an unnamed stream for irrigation of one acre.

Permit 6461, App. 11128 (Humboldt County). Issued to Wallace A. Turner, Arcata, Dec. 17, 1945, for 0.5 c.f.s. from Mill Creek for irrigation of 20 acres.

Permit 6462, App. 11129 (Plumas County). Issued to I. R. Ewing, Meadow Valley, Dec. 18, 1945, for 800 g.p.d. from a spring for domestic purposes. Estimated cost, $200.

Permit 6463, App. 11143 (San Bernardino County). Issued to Elmo C. Proctor, Baker, Dec. 19, 1945, for 0.25 c.f.s. from Mojave River for domestic and irrigation of nine acres. Estimated cost, $2000.

Permit 6464, App. 11132 (Trinity County). Issued to Clifford B. Kennedy, Trinity Center, Dec. 21, 1945, for 16,000 g.p.d. from a spring for domestic purposes. Estimated cost, $69.

Permit 6465, App. 10966 (Monterey County). Issued to L. S. White, Parkfield, Dec. 26, 1945, for ½ c.f.s. from Cholame Creek for irrigation, domestic and stock watering purposes. Estimated cost, $1000.

Permit 6466, App. 10456 (Napa County). Issued to State Department of Finance, Sacramento, Dec. 26, 1945, for 10 c.f.s. and 4400 a.f. from Rector Creek for domestic and irrigation of 940 acres. Estimated cost, $1,350,000. 33

January 24, 1946

WATER APPLICATIONS FILED

SACRAMENTO, Calif. — Applications for permits to appropriate water filed with the Department of Public Works, Division of Water Resources, Sacramento, during December, 1945, were as follows:

App. 11232 (Los Angeles County). Chas. L. Menning, Pasadena, for 16,000 g.p.d. from unnamed spring for domestic and irrigation. Estimated cost, $300.

App. 11233 (Modoc County). Round Valley Ranch Co., Alturas, for 4000 a.f. from three lakes tributary to Boles Creek, Willow Creek and Clear Lake for irrigation of 1000 acres.

App. 11234 (Tehama County). E. B. Estes Feed & Livestock Co., Red Bluff, for 30,000 a.f. from Thomas Creek, tributary to Sacramento River, for irrigation of 35,000 acres.

App. 11235 (Napa County). C. M. Hauboe, San Francisco, for 1.0 c.f.s. from James Creek, tributary to Putah Creek, for irrigation of 70 acres.

App. 11236 (Napa County). Dick Week, San Francisco, for 270 a.f. from unnamed stream tributary to Pope Creek for domestic and irrigation of 100 acres.

App. 11237 (Nevada County). Thos. E. Dee, Smartsville, for 1.0 c.f.s. from Squirrel Creek, tributary to Yuba River, for irrigation of 20 acres.

App. 11238 (San Joaquin County). Willma Cook, Los Angeles, for 4.89 c.f.s. from unnamed creek tributary to San Joaquin River for stock watering and irrigation of 391.6 acres. Estimated cost, $800.

App. 11239 (Humboldt County). Paul M. Schmook, Scotia, for 1.0 c.f.s. from Chemical Creek, tributary to east branch of south fork Eel River, for power purposes. Estimated cost, $800.

App. 11240 (Sacramento County). Victor E. and Carrie M. Nevin, Elk Grove, for 2.5 c.f.s. from unnamed dredger cut, tributary to Snodgrass Slough, for domestic and irrigation of 207.94 acres. Estimated cost, $2000.

App. 11241 (Santa Barbara County). Helen M. Weber, Cuyama Valley, for 2000 g.p.d. from unnamed well in Branch Canyon, tributary to Cuyama River for stock watering purposes.

App. 11242 (Glenn County). Jerald and Edith S. Holzapfel and Gene Valla Tire Co., Willows, for 150 c.f.s. from Bl. drain on lower end of Glenn-Colusa District, tributary to Willow Creek or B. drain of Reclamation District 2047 for irrigation of 1300 acres. Estimated cost, $5000.

App. 11243 (Plumas County). H. R. Brentlinger, Hayward, for 200 g.p.d. from unnamed spring tributary to Bucks Lake for domestic use and fire protection. Estimated cost, $75.

App. 11244 (Contra Costa County). Alfred S. Ferguson, Byron, for 2.4 c.f.s. from Italian Slough and Western Canal, tributary to San Joaquin River for irrigation of 192acres. 33

Machinery & Material

U. S. TREASURY

SAN FRANCISCO.—Until January 30, 2 P. M., bids will be received by the U. S. Treasury Department, 30 Van Ness Ave., San Francisco, under Inv. No. SF-2756-46 for 12 carriers, wood, water can (horizontal type) animal packing, f.o.b. 650 5th St., San Francisco.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until February 11, 2 P. M., bids will be received by the U. S. Treasury Department, 30 Van Ness Ave, San Francisco, under Inv. No. SF-2758-46 for 244 2-qt., 3000 4-qt., 50 1-gal. galvanized canteens, f.o.b. San Francisco; 288 4-qt. galvanized canteens, f.o.b. 1240 Palmetto St., Los Angeles.

Specifications obtainable from the above office.

SAN FRANCISCO.—Until February 12, 2 P. M., bids will be received by the U. S. Treasury Department, 30 Van Ness Ave., San Francisco, under Inv. No. SF-2760-46 for 125 McLeod tools, rake and hoe combination, solid head pattern.

Specifications obtainable from the above the office.

SAN FRANCISCO.—Until February 13, 2 P. M., bids will be received by the U. S. Treasury Department, 30 Van Ness Ave, San Francisco, under Inv. No. SF-2762-46 for 60 lanterns (gasoline), hand, f.o.b. 650 5th St., San Francisco.

Specifications obtainable from the above office.

Prospective Bidders

Candy Factory, Ocean Ave., Between 19th and Juniper, San Francisco, Calif.

BIDS: Douglas Shaw, c/o Architect Arthur D. Janssen, Austin Ave. and Patricia Dr., Atherton, February 4, 3 P. M.

De Luca & Son, 1745 Filbert St., San Francisco.
Barrett & Hilp, 918 Harrison St., San Francisco.
Monson Brothers, 475 Sixth Street, San Francisco.
Transwestern Constr. Co., 1402 Front St., Sacramento.
Erbentraut & Summers ,446 Sixth St., San Francisco.
G. W. Williams Co., 10 California Drive, Burlingame.

Buildings and Services for Reserve Fleet Berthing, Mare Island, Calif.

BIDS: Officer in Charge of Construction, Public Works Department, Mare Island; contract NOy [illegible], Spec. 17459; February 1, 11:00 A. M.

Barrett & Hilp, 918 Harrison St., San Francisco.
M. & K. Corp., 200 Financial Center Bldg., San Francisco.
Parker, Steffens & Pearce, 135 South Park, San Francisco.
Moore & Roberts, 693 Mission St., San Francisco.
Johnson, Drake & Piper, 1736 Franklin St., Oakland.
A. J. Hopper Co., 243 Langton St., San Francisco.
Lawrence Construction Co., 3020 V St., Sacramento.
M. J. King, Inc., 132 Franklin St., San Francisco.
Peter Kiewit Sons Co., 442 Post St., San Francisco.
Robert McCarthy Co., 1050 Kirkham St., San Francisco.
Louis C. Dunn, 709 Monadnock Bldg., San Francisco.
J. H. Pomeroy & Co., Inc., 333 Montgomery St., San Francisco.
Healy-Tibbitts Construction Co., 1100 Evans Ave., San Francisco, and Duncanson-Harrelson Co., DeYoung Bldg., San Francisco.
James I. Barnes Constr. Co., 941 Russ Bldg., San Francisco.

Warehouse, 8th and Ohio Sts, Richmond

BIDS: Richmond Union School District, Walter T Helms, superintendent, 1108 Bissell Ave., Richmond, January 25, 10 A. M. Plans prepared by Architects Dragon & Schmidts, 2068 Allston Way, Berkeley.

M. J. King, Inc., 231 Franklin St., San Francisco.
Elmer J. Freethy, 1432 Kearney St., El Cerrito.
Clinton Construction Co., 923 Folsom St., San Francisco.
C. L. Wold Construction Co., Ltd., 4412-16 Fulton St., San Francisco.
Moore & Roberts, 693 Mission St., San Francisco.
Empire Construction Co., Ltd., 344 Harriet St., San Francisco.
Parker, Steffens & Pearce, 135 South Park, San Francisco.

Classified Advertising

WANTED

ARCHITECTURAL DRAFTSMAN wanted. A-1 man. Working drawings and details. General work, schools and public buildings. Long Job. Write details and salary expected. F. T. Georgeson, P. O. Box 55, Eureka, Calif. Phone Eureka 394. (to 2/4/46)

1st Class CONSTRUCTION SUPT., large buildings; good salary, good future. State exp. and ref. Reply Box 122, c/o Daily Pacific Builder. 1/22-23-24-25-28/46

PAINTING ESTIMATOR, preferably one with experience or background adaptable to this line of work. Reply Box 118, c/o Daily Pacific Builder. 1/18-21-22-23-24/46

BLDG. CONSTR. SUPT., good future. State experience and references. Reply Box 16, c/o Daily Pacific Builder. tf

HELP WANTED

SUPERINTENDENT
ESTIMATOR
STOREKEEPER

The above three permanent positions open with large electrical contractor. State experience, ability and furnish references. Reply Box 123, c/o Daily Pacific Builder. to Jan. 31, '46

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Fifty-sixth Year—Vol. 56—No. 18 SAN FRANCISCO, FRIDAY, JANUARY 25, 1946 PRICE 15 CENTS PER COPY

PLANS and Speculations

A new call for bids on the proposed REDONDO North Beach seawall may be advertised soon, according to Mayor Clyde V. March. The bids recently filed have been rejected by State Director of Public Works Charles H. Purcell. New specifications as recommended by Redondo Beach City Engineer Wm. Barclay will allow minor structural changes expected to reduce the over-all cost of the wall to within the $163,200 already posted by the city, county and state for the work. Previous low bidder was Guy F. Atkinson Company of San Francisco at $179,600.

oOo

Officials of the Frostorage Company of Oakland have announced plans are being completed for the construction of a $500,000 cold storage warehouse plant in WOODLAND. L. Rench, owner of the Oakland company, said the plant will be built on 25 acres north of the Marvin Landplane Company on Woodland - Knights Landing Highway.

oOo

Construction of six proposed permanent public housing projects in SAN FRANCISCO, including Ping Yuen, the Chinatown project, is blocked because the limitation set by law in construction costs is below present building prices. The following projects are effected:

Ping Yuen, 230 family units to be built on the south side of Pacific St. between Powell and Kearny Sts., at a cost of $7,900 per unit.

North Beach, 226 units in an area bounded by Bay, Mason and Francisco Streets and Columbus Avenue; estimated cost. $6,126 per unit.

Glenn Crags, 171 units in an area bounded by 30th, Berkeley, Elk, Sussex and Glen Park Streets; estimated cost, $6,118 per unit.

Bernal, 201 units in area bounded by 26th, Harrison, Folsom and Army Sts.; estimated cost, $4,820 per unit.

De Haro, 135 units in area bounded by Wisconsin, De Haro, 18th and 19th Streets; costs not estimated.

Hunters View, 150 units at Fairfax and Innes Avenues and Hunters View Blvd. adjoining Evans Ave.; costs not estimated.

oOo

On property adjoining the Willstrut Hoisery Mill at 16308 Foothill Blvd. in SAN LEANDRO, now occupied by a riding academy, Will Struthers, president of the hosiery firm, plans to build an ultra-modern restaurant. The building, containing 8000 square feet and seating 250 people, will cost an estimated $75,000.

oOo

CPA Issues Directive Channeling Lumber Into Low-Cost Housing

The Reconversion Housing Program swung into action as the Civilian Production Administration's new Priorities Regulation 33 became effective and the first of its directions to channel scare materials into 400,000 and 500,000 moderate and low-cost housing units for veterans was issued. The first direction to PR 33, spells out the methods by which lumber and millwork will be channelled into the housing program. Directions covering the other materials included in PR 33, like cast-iron bath tubs, soil pipe and radiation, gypsum board and lath, clay products and concrete blocks will be issued soon.

Direction 1 effective January 15 provides for the part which sawmills, distributors, office wholesalers, millwork manufacturers, hardwood flooring manufacturers, and housing contractors are required to play in providing 9 billion board feet of lumber in 1946 for moderate and low-cost housing to which veterans will be given special preference.

Sawmills, coming within the provisions of the Direction include: (1) mills or plants producing in 1945 or expecting to produce in 1946 at least 2,000,000 board feet of softwood or 1,000,000 board feet of hardwood lumber, and (2) concentration yards or plants processing into lumber (by drying, sawing, edging, grading, sorting, planing or otherwise) at least 25 per cent of the total volume of logs and lumber received.

Under Direction 1, such sawmills, beginning February 1 and in each succeeding month thereafter, must reserve from their total lumber production 40 per cent of their expected softwood lumber production in the form of "housing construction lumber" and 100 per cent of the flooring grades, i.e., 2 and 3a, of hard maple, oak and pecan in thicknesses of 5/8-, 4/4- and 5/4-inch. Each month's reserve must be held until the 20th of that month for delivery to certified orders in preference to all other orders (except AAA ratings) On or after the 20th day of the month, any of the production reserve not taken on such orders may be sold to other rated and unrated orders.

A distributor (one who buys and stocks lumber for resale, either at wholesale or retail) may obtain housing construction lumber by placing certified orders each month with a sawmill or office wholesaler for one of the following amounts, whichever is greatest: (1) An amount not exceeding five per cent of the total footage of his softwood lumber inventory as of January 1, 1942; or (2) an amount equal to the total footage of housing construction lumber called for by the orders rated HH which he has accepted for delivery in that month; or (3) one carload of housing construction lumber in each of any two of the three months in a calendar quarter. Housing construction lumber received on a certified order must be held for 60 days beginning on the day of its receipt for orders rated HH or AAA. At the end of the 60 day period such of the lumber as remains may be sold on other ratings or in the free market.

An office wholesaler (one who buys and sells but does not stock lumber) may accept certified orders from distributors, and flooring and millwork manufacturers, and housing contractors and may fill these orders by placing certified orders with the sawmill.

A millwork manufacturer may obtain housing construction lumber by placing certified orders with a sawmill or office wholesaler each month for an amount not in excess of 5 per cent of the total footage of softwood lumber he consumed in the manufacture of millwork in the year 1940. A quantity of such lumber equal to the lumber received on such certified lumber must be used in the manufacture of millwork. At least 75 per cent of this millwork must be held for 60 days after completion for HH rated orders (whether served directly or extended to him by a distributor) in preference to all other orders except AAA. At the end of the 60 day period, any of this millwork remaining may be sold on other rated orders or in the free market.

A hardwood flooring manufacturer may obtain hardwood flooring lumber by placing certified orders with a sawmill or office wholesaler each month for an amount not exceeding 6 per cent of the hardwood lumber he consumed in the manufacture of standard hardwood flooring in the year 1940. He is then governed by the same set aside and disposal rules for his product as is the millwork manufacturer.

A housing contractor (any individual who has been authorized to apply in HH ratings) obtains housing construction lumber by placing an HH rating with a distributor or by placing a certified order with a sawmill or an office wholesaler. However the total footage covered by the HH or certified order must not be in excess of the quantity needed to meet his construction schedule as authorized by the Civilian Production Administration or the Federal Housing Administration under Priorities Regulation 33.

GROOVER AND I

BETTER, THANK YOU

The one bright spot during the past two weeks has been the words of interest and inquiry from the readers which filtered past the "no visitors" sign on my hospital room door.

★ ★ ★

When a guy is in the hospital one standard question seems to be: "Have you a pretty nurse?" The answer is, if you notice, you don't NEED a nurse!

★ ★ ★

Many of the little numbers look very neat in their smartly-tailored uniforms, but when you're burning with fever one hour and your back teeth chattering with chill the next you don't give a durn whether Varga or Petty ever heard of Florence Nightingale!

★ ★ ★

Then is the time you are thankful for one of the gals who has spent years flattening her arches along countless miles of hospital corridors. There is comfort in the way she firmly holds you and says: "Now Bub, you do the relaxing and let me worry about this needle."

★ ★ ★

Why try to describe it? If you've been there you understand—and if you haven't, words don't explain.

★ ★ ★

The interest expressed by many of you adds encouragement to picking up the threads of interest in the passing scene.

—V—

AUTO THEFTS RISE

Automobile thefts have risen more than 26 per cent, reports the California State Automobile Association, analyzing FBI figures for the nation. Motorists are urged to protect their cars from possible theft at all times.

NAREB Plans Regional Series Of Conferences

A series of nine regional conferences of local real estate board presidents and secretaries with their national offices has been scheduled for February and March by the National Association of Real Estate Boards.

The meetings will begin February 6 at Boston and conclude March 12 at Los Angeles. Boyd T. Barnard, president of NAREB, and Herbert U. Nelson, executive vice president, will attend each conference.

Their purpose is to review the general position of the Association on vital issues in the real estate field and to make local viewpoints effective in the national program, Barnard announced. On taking office as president of the NAREB last month, he pledged the Association to a policy of positive action on the many problems in the real estate field that now particularly affect the public interest.

Housing for veterans, which is a major effort in NAREB's 1946 activities, and effective measures to overcome the housing shortage will be principal topics of the conferences. The Association is cooperating in the government's program to channel building materials into houses costing less than $10,000 for veterans. Impediments to construction and varying local factors affecting the real estate market will be discussed. Other topics of the meetings include taxation, educational opportunities in real estate and protection of property ownership.

The schedule is as follows:

New England Region, Boston, February 6; Central Atlantic, Washington, D. C., February 8; Southeast, Atlanta, February 12; Great Lakes, Indianapolis, February 15; North Central, Des Moines, February 19; South Central, Tulsa February 22; Northwest, Tacoma, March 5; Southwest (two meetings) San Francisco, March 8, and Los Angeles, March 12.

AMERICAN INSTITUTE ARCHITECTS ANNUAL DINNER TONIGHT

In addition to the previously announced program featuring Vice-President Samuel Lunden and a guest list including most of the past presidents of the Chapter, the Chapter has received word that AIA Regional Director Earl Heitschmidt will be here for the annual dinner. Architect Heitschmidt of the Los Angeles firm of Heitschmidt and Matcham, is widely known among the profession for his outstanding legislative work, as well as his architectural achievement. He first came to the west coast as resident architect for Schultze and Weaver, New York architects for the Hunter Dulin Building.

President Hass and Program Chairman J. Francis Ward expect over 100 at tonight's dinner at the Engineers' Club.

OPA FREEZES SHINGLE PRICES AT DEC. 1 LEVEL

The Office of Price Administration has "frozen" at December 1, 1945, levels the ceiling prices distribution yards may charge for Western Softwood shingles and Northern Softwood lumber.

The action became effective January 22, 1946.

Details of the "freeze" are as follows:

Maximum prices which retail distribution yards may charge on sales of Northern Softwood and Western Cedar shingles lumber must be computed from the maximum prices for mill sales in effect December 1, 1945.

For sales by wholesale distribution yards and in wholesale-type sales by retail yards, however, distribution yards may continue to pass through to buyers any mill price increases becoming effective after December 1, 1945.

Immediate effect of the "freeze" is to require retail distribution yards on most sales to absorb mill price increases of $2 per 1,000 board feet for Northern Softwood lumber, and 20 cents per square for Western Softwood shingles.

The Northern Softwood lumber mill price increase became effective December 26, 1945, and the higher mill ceiling price for Western Softwood shingles on December 22, 1945.

The "freezing" of distribution yard prices is in line with OPA's overall program requiring absorption of producers' price increases, wherever practicable, at distributive levels of sale, thus minimizing increases in prices of goods and commodities generally to ultimate users.

—V—

MORE CLASSES AT UC EXTENSION

Next week in the San Francisco center of University of California Extension, classes will open in the fields of business administration and engineering.

Among the business administration courses offered as "Labor Law" and "Introduction to Air Transportation", beginning Monday, 7 p. m.; "Principles of Advertising", Wednesday, 7 p. m., and "Fnancial Statement Analysis", Friday, 7 p. m.

"Tool Engineering" meets for the first time on Friday, 7:30 p. m.

Walter Ballard Corp. Establishes Office In S. F.

West Coast offices of The Walter M. Ballard Corporation of New York and Washington have been recently established in the Hobart Building in San Francisco. This office will serve clients in all states West of the Rocky Mountains and in the territories of Alaska and Hawaii. Other Ballard offices are located in Chicago, Dallas, Atlanta, Miami, New York and Washington.

The Ballard Company has been recognized for more than a quarter of a century as the country's foremost designers and interior decorators of hotels, clubs, steamships and institutions. They are specialists in the field of creating beautiful architectural interiors and merchandising space.

Ballard's most famous clients have included the hotels Mayflower, Shoreham, Raleigh, Carlton and Wardman Park in Washington, D. C., and the Astor, Ritz - Carlton, Plaza, Commodore and Pennsylvania in New York, the Stevens and Blackstone in Chicago, the Radisson at Minneapolis and Hotel Utah at Salt Lake City.

Steamship interiors have been designed and created for the U. S. Lines' Washington, Manhattan, Leviathan, Southern Cross, and others, and for the Moore-McCormack Lines' Brazil, Uruguay, Munargo, and other Mormacs.

Ballard has also handled the interiors of many broadcasting studios for both Columbia and N.B.C. throughout the country, including 35 studios over 10 floors in the RCA Building of Rockefeller Center in New York.

Headquarters of the Ballard Corporation is in New York City. S. M. Revness is President of the Corporation. Walter M. Ballard, Chairman of the Board, resides in Washington, D. C.

The San Francisco office is completely staffed with designers, interior decorators and technicians thoroughly familiar with the problems of creating practical yet beautiful and esthetic architectural interiors for the most discriminating client. Ballard has outstanding local professional associates in architectural and engineering work wherever their projects are undertaken.

Harry S. Moyer is General Manager of the Western territory with headquarters in San Francisco.

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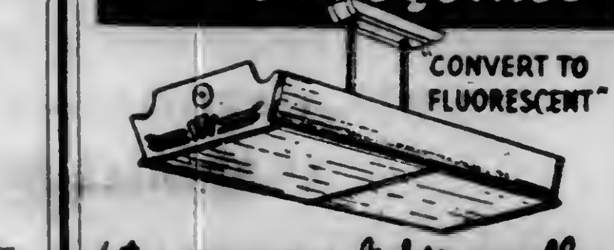

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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4— FACTORIES AND WAREHOUSES

January 25, 1946

PLANS BEING FIGURED—
BIDS OPEN FEBRUARY 18, NOON
LOADING FACILITIES

RICHMOND, Contra Costa Co., Cal.
Construction of tank truck loading facilities at Standard Richmond refinery.
Owner—Standard Oil Co. of Calif., 225 Bush St., San Francisco.
Plans by Engrg. Dept. of Owner.
Plans are being figured by a selected list of contractors. * * 4

6— GARAGES AND SERVICE STATIONS

January 25, 1946

CONTRACT AWARDED
GARAGE & AUTO SALES BLDG.
Contract Price, $95,000

BURLINGAME, San Mateo Co., Calif. California Drive.
Construction of one- and part two-story reinforced concrete garage and auto sales building.
Owner—James W. McAllister, Inc., 1200 Van Ness Ave., San Francisco.
Architect — Sharps & Brown, 1477 Burlingame Ave., Burlingame.
Contractor — MacDonald, Young & Nelson, 127 Montgomery St., San Francisco.

Other bidders were:
De Luca & Son, San Francisco, $100,000.
G. W. Williams Co., Burlingame, $110,400.
Parker, Steffens & Pearce, San Francisco, $118,750. * 6

January 25, 1946

PREPARING PLANS
GARAGE AND OFFICE
Estimated Cost, $60,000

EUREKA, Humboldt Co., Cal. Broadway and Pacific.
Construction of garage and ofice building of concrete and redwood, and installation of machine shop, truck service, recapping equipment.
Owner—James S. Cloney and Sons, 7th and E Sts., Eureka.
Architect—Newton Ackerman, 4th & Commercial, Eureka.
Bids will be asked upon completion of plans. * *

7—FEDERAL BUILDINGS

January 25, 1946

BIDS WANTED

EUREKA, Utah.—Until March 1, 2 P. M., bids will be received by the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting at U. S. Post Office, Eureka, Utah.

Plans and specifications obtainable from the above office of the district engineer. * 7

9— HOSPITALS

January 25, 1946

BIDS WANTED—TO BE OPENED FEB. 26, 1:30 P. M.
HOSPITAL GROUP Cost, $1,164,157

GRAND JUNCTION, Colo. Northeastern Section of City.
Construction of group of hospital buildings of brick fireproof construction; 14 units to cover a plat of 40 acres. The hospital will provide 140 beds and work will include officers' building, nurses' bldg., attendants' quarters bldg., storehouse, garage, boiler house, utility shops bldg. and laundry.

The following contractors have taken out plans:

General Work

Francis R. Orshek Co., 515 Stephhens National Bank Bldg., Fremont, Neb.
James McHugh Constr. Co., 6649 South Park Ave., Chicago, Ill.
Barbour Constr. Co., 133 Gunnison Ave., Grand Junction.
Thomas Bate & Sons, 2311 Tenth St., Denver.
Ramey & Mathis, Amarillo, Texas.
Olson Constr. Co., Inc., 250 E 1st South St., Salt Lake City, Utah.
Robert E. McKee. 1900-32 Texas St., El Paso, Texas.
J. Howard Mitchell Constr. Co., 607 May Bldg., Pittsburgh, Pa.
Theriault Constr. Co., 534 E. Johnson St., Philadelphia, Pa.

Plumbing and Heating

Geo. W. Hanes, 1219 Eye St. NW., Washington, D. C.
Johnson & Davis Plumbing & Heating Co., 2285 Arapahoe St., Denver.
Service Plumbing Co., 1259 Wilkinson St., Shrevesport, La.

Electric

Frank Adams Electric Co., 419 W 54th St., New York City.

Elevators

Warsaw Elevator Co., Warsaw, New York.
Murphy Elevator Co., 128 E Main St., Louisville, Ky.
Westinghouse Electric Elevator Co. 1112 21st St., N.W., Washington, D.C.
Otis Elevator Co., 810 18th Street, N.W., Washington, D. C.

Refrigeration

Creamery Package Mfg. Co., 2715 N. Broad St., Philadelphia, Pa.
National Korectaire Co., 1619 Cortland St., Chicago, Ill.
Kohlenberger Engr. Corp., Fullerton, Calif.
Chicago Bridge & Iron Co., 703 Atlantic Bldg., 930 F St. N.W., Washington, D. C.
W. E. Caldwell Co. ,Inc., Louisville, Ky.
Pittsburgh-Des Moines Steel Co., Neville Island P. O., Pittsburgh, Pa.
• • 9

14— RESIDENCES

January 25, 1946

PREPARING PLANS
RESIDENCE HALL Cost, $25,000

LOS ALTOS, Santa Clara Co., Calif. El Retiro.
Construction of a new residence hall of frame construction to provide 15 rooms, each with bath.
Owner—El Retiro, c/o Rev. Wm. I. Rice, S.J., El Retiro, Los Altos.
Architect—Martin Rist, Phelan Bldg., San Francisco.
Upon completion of plans, bids will be asked according to terms of donor, Frank Marini, Los Altos. * 14

15— SCHOOLS

January 25, 1946

PREPARING PLANS
REMODEL SCHOOL Cost, $45,000

TRACY, San Joaquin County, Calif.
Remodel or replace Lammersville School.
Owner — Lammersville School District, c/o Mrs. Minnie Anderson, clerk, Route 1, Box 148, Tracy.
Architect — Peter L. Sala, 2130 N. Commerce St., Stockton, Calif.
The district has recently voted to issue bonds in the amount of $50,000 to finance above construction. * 15

January 25, 1946

BONDS VOTED
SCHOOL FACILITIES
Estimated Cost, $604,980

OAKDALE, Stanislaus County, Calif.
Enlargement of high school campus to include land for play areas, remodel and modernize classrooms, gymnasium and shops to provide new academic building, boys' gymnasium, swimming pool, additional shops, cafeteria building, tennis courts, basketball courts, bleachers and track house with public lavatories in stadium and the necessary extension of services, sewers, landscaping, etc. The total floor aera of the buildings will cover approximately 74,000 square feet.
Owner — Oakdale Joint Union High School District of Stanislaus County, R. F. Carpenter, clerk.
Architect—Johnson & Mayo, 307 Exchange Bldg., Stockton.
The school district voted bonds January 22 in amount of $600,000 to finance the construction. * 15

January 25, 1946

BIDS WANTED

PIMA COUNTY, Ariz.—Until Feb. 8, 2 P. M., bids will be received by Architects Starkweather & Scholer, 40 W Congress St., Tucson, Arizona, for the construction of additions to Wrightswood School, located on Wrightswood Road, Pima Co., Ariz., for the Board of Trustees, School District No. 33, Pima County, Ariz.

Plans and specifications may be obtained from the office of the architects upon deposit of $15. 15

January 25, 1946

CONTRACT AWARDED

BELL, Los Angeles Co., Calif.—Jackson Bros., 2475 W 8th St., Los Angeles, have been awarded contract for construction of a one-story masonry store building, 80x120 feet in area, at 6517 Atlantic Ave., Bell, for J. C. Penney Co. Wood roof trusses, composition roofing, steel or wood sash, concrete floor, plate glass; cost $90,000.

Plans were prepared by Architect Harold S. Johnson, 421 Hollingsworth Bldg., Los Angeles. 16

16— BANKS, STORES AND OFFICES

January 25, 1946

TO ASK BIDS
OFFICE BLDG. Cost, $50,000

RICHMOND, Contra Costa Co., Cal. 23rd St. south of Bissell Avenue.
Construction of office building comprising 9,000 sq. ft. of floor space, soundproofing, glass brick front and concrete floor with tile covering, etc.
Owner and Builder—R. J. Stempel, 1039 23rd Street, Richmond.
Lessee—California State Employment and U. S. Employment Service, 601 Nevin Ave., Richmond.
Architect — U. S. Barbachano, 6539 Morris, Richmond.
Sub-contract bids will be asked about February 1. * * 16

January 25, 1946

CONTRACT AWARDED
BANK

SALEM, Oregon. Liberty and Chemeketa Streets.
Construction of bank, reinf. concrete construction, fireproof, granite and marble facing.
Owner—Salem Branch, 1st National Bank of Portland.
Architect—Pietro Belluschi, 2040 SW Jefferson, Portland.
Contractor—L H Hoffman, 715 SW Columbia. 16

January 25, 1946

BIDS IN—HELD UNDER ADVISEMENT
OFFICE BUILDING

BURLINGAME, San Mateo Co., Calif.
Construction of two-story and reinforced concrete office building with dental offices on second floor.
Owner—Lincoln E. Higbee, c/o architects.
Architects—Sharps & Brown, 1477 Burlingame Ave., Burlingame.
Announcement shortly. * 16

January 25, 1946

TO ASK BIDS
REMODEL BUILDING Cost, $30,000

BERKELEY, Alameda County, Calif. 2502 Ashby Ave.
Remodeling of building with 90 per cent construction for medical offices.
Owner—Dr. William E. Marsh, 2580 Bancroft Way, Berkeley.
Architect—John Knox Ballantine, 1512 La Loma Ave., Berkeley.
Bids will be asked about February 1st. * 16

January 25, 1946

BIDS WANTED—TO BE OPENED FEBRUARY 4, 3 P. M.
STORES AND APARTMENTS

OAKLAND, Alameda County, Calif. N. Grand Ave. east of Euclid Ave.
Construction of building to contain six stores and four studio apartments on second floor; each apartment to consist of living room with twin wall beds, dinette, kitchen, dressing room and separate rooms for washbasin, tub and toilet.
Owner—Foster W. Weeks.
Plans prepared by W. C. Helms, 1759 Broadway, Oakland.

The following contractors have taken out plans:
Doty & Lockwood, 2003 E. 14th St., Oakland.
Empire Construction Co., Ltd., 344 Harriet St., San Francisco.
S. A. Ortzow, 1511 Jackson St., Oakland.
Cosca & Marquis, 3519 Lamp St., Oakland.
Clarence H. Thrams, 28 Home Pl., Oakland.
A. T. Beckett, 1441 Franklin St., Oakland.
Howes & Whitaker, 626 Russ Bldg., San Francisco. * 16

January 25, 1946

CONTRACT AWARDED
SALESROOM Contract Price, $32,720

OAKLAND, Alameda County, Calif. 29th and Broadway.
One-story reinforced concrete salesroom building (65.04x72.99) for Packard distribution.
Owner—Foster W. Weeks.
Plans prepared by W. C. Helms, 1759 Broadway, Oakland.
Contractor—Empire Construction Co., 344 Harriet St., San Francisco. * 16

19—MISC. CONSTRUCTION

January 25, 1946

CONTEMPLATED

PORT ORCHARD, Wash.—Horluck Transportation Co., Mary Lieseke, President, is contemplating a marine railway to include machine shop and carpenter shop, west of Port Archard, Wash., at an estimated cost of $15,000. Work will be done entirely by owner. * 19

20— MISC. SUPPLIES AND MATERIALS

January 25, 1946

NOTICE OF SALE

SAN FRANCISCO.—Until February 1, 10 A. M., bids will be received by the Navy Department, Material Redistrbution and Disposal Office, 785 Market St., San Francisco 3, under Sales Catalog No. B-255-46 for 275 net tons scrap tires, consisting of truck, automobile, industrial, grader and miscellaneous types, located at the Material Redistribution Center, 2144 Clement Ave., Alameda, Calif. * 20

January 25, 1946

CANCELLATION

SAN FRANCISCO.—The Navy Department, Material Redistribution and Disposal Office, 785 Market St., San Francisco 3, has announced the cancellation of Sales Catalog No. B-251-46 in its entirety. All bids and deposits will be promptly returned.

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Ward Bldgs., Stockton State Hosp., Stockton; Bids open Jan. 29, 2:00 P. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).
Empire Constr. Co., Ltd., 344 Harriet St., San Francisco (HEmlock 3400)
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)

Conversion Bldg., No. 401, S. F. Naval Shipyard, San Francisco; Bids open January 31, 11 A. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
A. Farnell Blair, 9 Main Street, San Francisco (YUkon 0390).
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).

Laboratory Bldg., Moffett Field; Bids close January 30, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
Carl N. Swenson Co., 355 Stockton Ave., San Jose (BAllard 2602).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
M. J. King, Inc., 231 Franklin Street, San Francisco (UNderhill 8209).

Warehouse, 8th and Ohio, Richmond; Bids open January 25, 10 A. M.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054).
Erbentraut & Summers, 446 6th St., San Francisco (MArket 8310).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Biltwell Constr. Co., 4745 Geary Blvd., San Francisco (BAyview 5947)
C. L. Wold Constr. Co., Ltd., 4412-16 Fulton St., S. F. (SKyline 4362).
Elmer J. Freethy, 1432 Kearney St., El Cerrito (RIchmond 6875).
William M. Greuner, 2727 Parker St., Berkeley (BErkeley 2877).
Empire Constr. Co., Ltd., 344 Harriet St., San Francisco (HEmlock 3400)

Bldgs., Services, Reserve Fleet Berthing, Mare Island; NOy 13295; Spec. 17459; Bids open February 1, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Peter Kiewit Sons Co., 441 Post St., San Francisco (EXbrook 5736).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co., 323 Folsom St., San Francisco (SUtter 3440).

Expansion Sheet Metal Shop, Etc., S. F. Naval Shipyard; Spec. 17230; Bids open February 7, 11 A. M.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).

Store Bldg., Railroad Ave. and E 7th St., Pittsburg; Bids open Jan. 31, 4 PM
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Louis C. Dunn Co., 799 Monadnock Bldg., San Francisco (YUkon 1471)
S. J. Amoroso Constr. Co., 2100 Oakdale Ave,. S. F. (MIssion 1490).

Motel Buildings, Oakland; Bids open January 31, 3 P. M.
Barrett & Hilp, 918 Harrison St. San Francisco (DOuglas 0700).
G. W. Williams Co., 10 California Drive, Burlingame (Burl 4-1796)

Candy Factory, Ocean Ave. near 19th Ave., S. F.; Bids open Feb. 4, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

Tulana Farms Grain Elevator, Worden, Ore.; Bids Ipen Feb. 14, Noon.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

Tank Truck Loading Fac., Standard Oil, Richmond; Bids open Feb. 18, Noon
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980

Bldgs., Paving and Utilities, U. S. Navy Sta., Inyokern; Spec. 17379; NOy 13211; Bids open February 5, 2 P. M.
Haddock-Engineers, Ltd., P. O. Box 479, Oceanside.

Factory Bldg., Penetrators Syphon Co., Dixon; Bids open Feb. 4, 2 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)

CONTRACTORS . . .

See us regarding Improvement District jobs. We handle collections; buy Warrants or Bonds on all 1915 or 1911 Act Districts. Telephone GArfield 8000.

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519 CALIFORNIA STREET - SAN FRANCISCO 4

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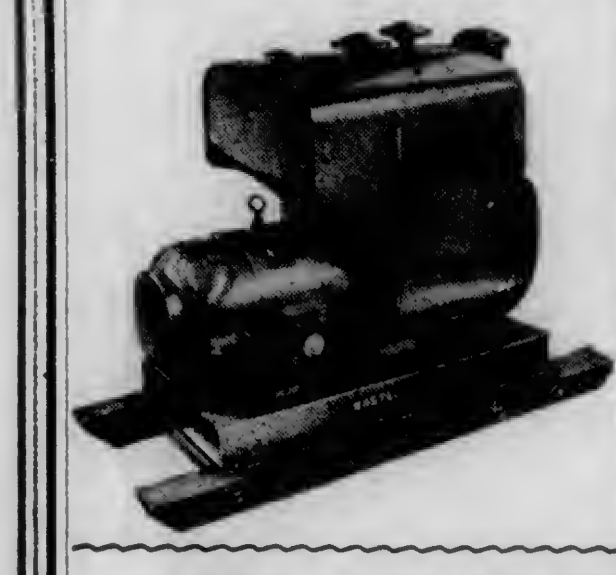

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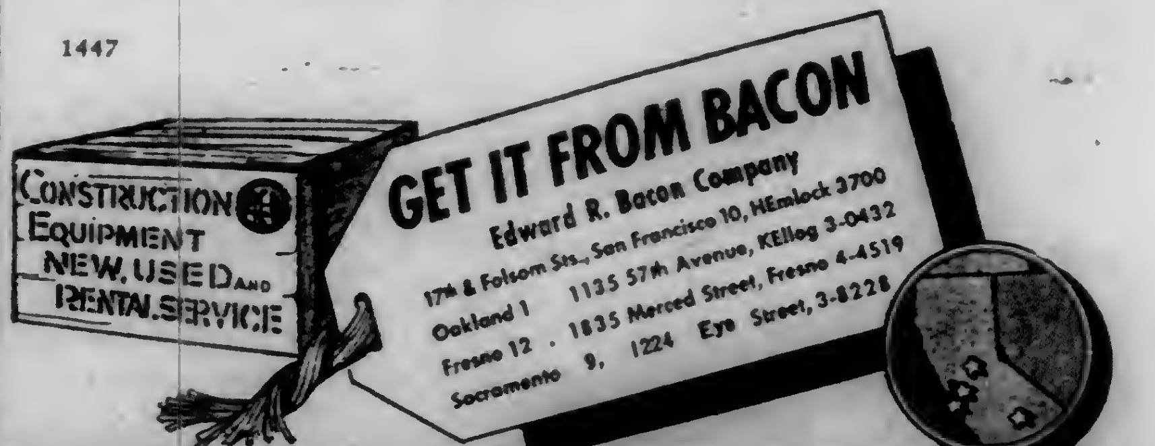
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Sacramento 9, 1224 Eye Street, 3-8228

ADVANCE CONSTRUCTION REPORTS

20— MISC. SUPPLIES AND MATERIALS

January 25, 1946

NOTICE OF SALE

SAN FRANCISCO.—Until February 6, 10 A. M., bids will be received by the Navy Department, Material Redistribution and Disposal Office, 785 Market St., San Francisco 3, under Sales Catalog No. B-260-46 for miscellaneous lighting fixtures, steel boxes, grease cups, chain, steel safety set collars, water scoops, ball joints, galvanized turnbuckles and cheek halyard, located at Naval Material Redistribution Center, 2144 Clement Ave., Alameda, Calif. • 20

January 25, 1946

NOTICE OF SALE

SAN FRANCISCO.—Until February 4, 10 A. M., bids will be received by the Navy Department, Material Redistribution and Disposal Office, 785 Market St., San Francisco, under Sales Catalog No. B-256-46 for 10 tons miscellaneous mixed non-ferrous scrap, consisting of copper and brass with attachments and armored cable (Lot No. 1), located at Kaiser Co., Inc., Richmond, Calif., Yard No. 3; and 75 tons unprepared ferrous scrap (Lot No. 2), located at Kaiser Co., Inc., Richmond, Calif., Yard No. 2. • 20

January 25, 1946

NOTICE OF SALE N

January 25, 1946

NOTICE OF SALE

SAN FRANCISCO—Until February 5, 10 A. M., bids will be received by the Navy Department Material Redistribution and Disposal Office, 785 Market St., San Francisco 3, under Sales Catalog No. B-260-46 for towing lights, rope, ship cleats, ship chocks and ladders, located at Naval Supply Depot, Bldg. No. 1002, Stockton, Calif. • 20

January 25, 1946

NOTICE OF SALE

SAN FRANCISCO—Until February 5, 10 A. M., bids will be received by the Navy Department, Material Redistribution and Disposal Office, 785 Market St., San Francisco 3, under Catalog B-258-46 for Lot No. 1, 2103 only closures from pontoon gear; Lot No. 2, 136 only blocks, wood, used as side launching gear on LST's; Lot No. 3, 42 only, buoys, mooring, steel cylinder, by contractors at Pacific Naval Air Base, 9th Ave. Pier, Oakland, Calif. • 20

January 25, 1946

BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until February 6, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Pro. 1708 for furnishing:

(1) 100,000 lin. ft. ¾-in. copper water service tube;
(2) 5000 lin. ft. 1-in. copper water service tube;
(3) 1000 lin. ft. 1½-in. copper water service tube;
(4) 2500 lin. ft. 2-in. copper water service tube. • 20

January 25, 1946

BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until February 6, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Pro. 1707 for furnishing:

(1) 2304 seamless hard-drawn red brass tubes, 3⅛-in. outside diameter, etc.;
(2) 56 seamless hard-drawn red brass pipes, 3½-in. outside diameter, etc. • 20

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Bridges 21
Dredging, Harbor Works and Excavation 22
Canals 23
Street Lighting System 24
Machinery and Equipment 25
Railroads 26
Treasury Department 27
Fire Equipment 28
Streets and Highways 29
Reservoirs and Dams 30
Pipe Lines and Wells 31
Sewers and Sewage Disposal Plants 32
Waterworks 33
Parks and Playgrounds 34
Tunnels 35

21— BRIDGES

January 25, 1946

BIDS REJECTED

TILLAMOOK COUNTY, Ore.—The Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Public Service Bldg., Portland, has rejected all bids for the Three Rivers bridge at Hebo on the Oregon Coast Highway, 138-ft. concrete viaduct; Federal Project No. F-153 (5). W. H. Philpott, at $26,945 submitted previous low bid. • 21

25—MACHINERY AND EQUIPMENT

January 25, 1946

CONTRACT AWARDED

SPOKANE, Wash.—Hughes & Co., S. 119 Howard St., Spokane, at $54,889, awarded contract by I. S. Getterman, city purchasing agent, Spokane, for furnishing cast iron bell and spigot pipe. Quantities, 23,934 ft. of 6x18 in.; 6300 ft. of 8x18 in.; working pressure with fittings, 15 4-in. and 1800 ft. of 12x18 in., all class 150, and 150 lbs. 85 6-in. hydrants; 175 6-in., 15 8-in. and 15 12-in. double iron gate valves with bells for cast iron pipe, and 23 double iron gate valves with flanged faces. • 25

January 25, 1946

NOTICE OF SALE

SAN FRANCISCO—Until February 6, 2 P. M., bids will be received by the U. S. Department of Agriculture, Forest Service, 447 Sansome St., San Francisco 11, under Inv. No. 352 for the sale of one ½-ton truck, pickup, Chevrolet, closed cab, located at Salinas, Calif.

Specifications obtainable from the above office. • 25

January 25, 1946

BIDS POSTPONED

OAKLAND, Alameda Co., Calif.—Until Jan. 30, 5:30 P. M. (postponed from Jan. 23), bids will be received by the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Pro. LS-345 for hydraulically operated gate valves and hydraulically operated sluice gates and filter rate controller for Orinda filter plant.

The work involves:

Schedule I

Hydraulically Operated Gate Valves for Orinda Filter Plant

(1) 36 20-in. gate valves equipped with 8-in. minimum diameter hydraulic operating cylinders, complete;
(2) 12 18-in. gate valves equipped with 8-in. minimum diameter hydraulic operating cylinders, complete;
(3) 12 8-in. gate valves equipped with 4-in. minimum diameter hydraulic operating cylinders, complete.

Schedule II

Hydraulically Operated Sluice Gates Orinda Filter Plant

(1) 24 24x24-in. sluice gates with 7-in. minimum diameter hydraulic operating cylinders, complete.

Schedule III

Filter Rate Controllers for Orinda Filter Plant

(1) 12 filter rate controllers, including rate controller tubes and operating mechanisms, and every device necessary for complete and operative units.

Specifications obtainable from the above office. • 25

January 25, 1946

BIDS OPENED

OAKLAND, Alameda Co., Calif.—The following bids were submitted January 23, 5:30 P. M., to the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Pro. 1701 for six Ford or Chevrolet sedans:

Weaver-Pabst Co., $1090.77 each for 2-door sedans; $1139.77 each for 4-door sedans.

Bill Wood Motor Co., at $1133 each (2 or 4 doors not stipulated); total bid, $6798. • 25

January 25, 1946

BIDS OPENED

OAKLAND, Alameda Co., Calif.—The following bids were submitted January 23, 5:30 P. M., to the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Pro. 1704 for furnishing oil circuit breaker:

Allis-Chalmers, $2931.
General Electric Co., $3193.
Westinghouse Electric Corj., $2300 (alternate bid). • 25

January 25, 1946

BIDS OPENED

OAKLAND, Alameda Co., Calif.—The following bids were submitted January 23, 5:30 P. M., to the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Pro. 1705 for furnishing three 500 kva. transformers:

Allis-Chalmers, $4828.71.
Gardiner Electric Manufacturing Co., $4824.
General Electric Co., $5022.48.
Moloney Electric Co., $4875.
Wagner Electric Corp. (no total), $1812.90 each.
West Electric Corp., $5516.16.
Kuhlmann Electric Co., $5535.54. • 25

29— STREETS AND HIGHWAYS

January 25, 1946

NOTICE OF SALE

SAN FRANCISCO.—Until February 6, 2 P. M., bids will be received by the U. S. Department of Agriculture, Forest Service, 447 Sansome St., San Francisco 11, for the sale of one truck, pickup, Chevrolet Master Model, ½-ton, 1937; one truck, pickup, Chevrolet Master Model, ½-ton, 1934, located at Redding, Calif.

Specifications obtainable from the above office. • 29

January 25, 1946

NOTICE OF SALE

SAN FRANCISCO—Until February 6, 2 P. M., bids will be received by the U. S. Department of Agriculture, Forest Service, 447 Sansome St., San Francisco 11, under Inv. No. 353 for the sale of one ½-ton truck, pickup, Chevrolet, closed cab, located at Arcadia, Calif.

Specifications obtainable from the above office. • 29

January 25, 1946

CONTRACT AWARDED

SAN JOAQUIN COUNTY, Calif.—M. J. B. Construction Co., 322 Elks' Bldg., Stockton, at $372,813.25, was awarded contract by the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about three and eight-tenths miles in length to be graded and paved with portland cement concrete, between Grant Line Rd. and Mossdale, in San Joaquin County. • 29

January 25, 1946

BIDS POSTPONED

STOCKTON, San Joaquin Co., Calif.—Until February 1, 11 A. M. (bid opening date postponed from January 29), bids will be received at the office of the officer in charge of construction, U. S. Naval Supply Annex, Stockton, under Spec. No. 17555 for additional drainage systems and extensions of motor parking area at the U. S. Naval Supply Annex, Stockton, Calif.

Specifications may be obtained from the above office upon deposit of check or postal money order for $10, payable to Chief of Bureau of Yards and Docks. • 29

January 25, 1946

CONTRACTS AWARDED

STATE OF OREGON.—The following contracts were awarded by the Oregon State Highway Commission, R. H. Baldock, State Highway Engineer, Public Service Bldg., Portland, on the following projects:

LINCOLN CO.: 2 bridges over Siletz River on Siletz Secondary Highway. Fuller bridge, 190-ft. steel truss span with 133-ft. concrete viaduct approaches. Ojalla Bridge, 190-foot steel truss span with 105-ft. concrete viaduct approaches. Each bridge includes grading and surfacing of the roadway approaches. Federal Proj. No. S-204 (3).

Awarded to Tom Lillebo, Reedsport, Oregon, at $180,141.40.

LINN COUNTY: Halsey - Holley Rock Production Project on the Halsey-Sweet Home Secondary Highway. State project. Quantities: 11,700 c.y. crushed gravel in stockpiles.

Awarded to Harrisburg Sand and Gravel Co., Harrisburg, Oregon, at $22,350.

MALHEUR CO., Cairo Junction-Adrian Rock Production Project on three state highways. State project.

Awarded to Newport Constr. Co., Kern & Kibbe, 8706 N Bradford, Portland, at $21,880.

MORROW CO.: Gilliam Co. Line-Eightmile Section of Wasco-Heppner Secondary Highway. Federal Proj. No. S-209 (3). 4.64 miles regarding and 11.56 miles surfacing and oiling. Quantities: 4700 c.y. crushed rock in stockpiles.

Awarded to Newport Constr. Co., Kern & Kibbe, 8706 N Bradford, Portland, at $128,520.10.

WASHINGTON CO.: Davies- N Plains Section of Wolf Creek Highway. Federal Project No. F-186 (9). 7.23 miles grading; also surfacing of road connections. This may be bid in combination with the N Plains-Gardner Ranch Project in Washington County.

Awarded to Sound Constr. & Eng. Co., 1403 W 45th St., Seattle, at $171,726.90.

WASHINGTON CO.: North Plains-Gardner Ranch Section of the Wolf Creek Highway. Federal Proj. No. 186 (9). 3.38 miles of grading. This project may be bid in combination with the Davies-North Plains Project in Washington Co. Quantities: ect in Washington County.

Awarded to Sound Constr. & Eng. Co., Seattle, at $45,881 with $3,000 deduction. • 29

January 25, 1946

CONTEMPLATED

BREMERTON, Wash.—The City of Bremerton, S. S. Severance, City Engineer, City Hall, Bremerton, is contemplating a proposed underpass from Pacific to Bridge St.; estimated cost, $230,000. • 29

January 25, 1946

BIDS WANTED

SAN FRANCISCO—Until February 8, 11 A. M., bids will be received by the Public Works Office, Room 2110 Administration Bldg., Naval Shipyard, San Francisco 24, under NOy 12825, Spec. 17514, for installation of additional paving at the San Francisco Naval Shipyard, San Francisco.

Specifications obtainable from the officer in charge of construction, Room 2110 Administration Bldg., San Francisco Naval Shipyard, San Francisco. • 29

January 25, 1946

BIDS WANTED

WOLF POINT, Mont.—Until Feb. 11, 5 P. M., bids will be received by Lee A. Cowan, City Clerk, Wolf Point, Mont., for furnishing labor and materials for grading, surfacing, excavating, graveling, filling, sewer, gutters, oil paving streets and avenues in Special Improvement Dist. No. 22, Wolf Point.

Specifications obtainable from the above office. • • 29

January 25, 1946

CONTRACT AWARDED

SAN BERNARDINO, Calif.—Geo. Herz & Co., Base Line and Lytle Creek, San Bernardino, at $12,000, was awarded contract by N. E. Van Ness, F. M. Sandefur and R. C. Ringholz, owners, for the surfacing with asphalt of 105,000 sq. ft. of parking area in the block bounded by E and F Sts. and 4th and 5th Sts., San Bernardino. 29

January 25, 1946

PROPOSED

SAN DIEGO COUNTY, Calif.—Charles F. Wolfe, 169 Brightwood Ave., Chula Vista, has filed an application with the San Diego County Board of Supervisors for a permit to establish and operate an airport on 114 acres of land near Otay. The proposed airport would have a runway of 3300 feet. 29

32— SEWERS & SEWAGE DISPOSAL PLANTS

January 25, 1946

PREPARING PLANS

SAN DIEGO COUNTY, Calif.—The San Diego County postwar planning commission, E. L. Freeman, engineer, is preparing plans and specifications for the construction of a sewage disposal plant at Julian, San Diego County. The State Department of Public Health has been asked to approve the site. 32

January 25, 1946

HEARING SET

RIVERSIDE, Riverside Co., Calif.—The City Council of the City of Riverside, City Hall, 7th and Orange Sts., Riverside, has set 10 A. M., Feb. 19, as the hour and date of hearing of resolution of intention to improve Monroe St. between Magnolia Ave. and Indiana Ave. by constructing a sewer therein and by doing all necessary grading. The work in general consists of the construction of a sanitary sewer of vitrified clay pipe, together with manholes and wye branches, in Monroe St., along the center line thereof, beginning at a point three feet northerly from the southerly line of Magnolia Ave. and running thence southerly along the center line of Monroe St., a distance of 1608 feet. 32

FOR SALE
ROSS LUMBER CARRIER
pneumatic tires, uses 66-in. blocks. Immediate delivery. Gamerston & Green Lumber Co., 1800 Army St., San Francisco 24. Phone AT. 1300.

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The famous "BUTLER BUILT"
PREFABRICATED Rigid Frame STEEL BUILDINGS
Suitable for use as:
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Now you can have an All-Steel Building like this . . . all ready to erect . . . for only $1 per sq. ft. of floor space!

Think of it, only $4000 for a 40 x 100 ft. all-steel building, FOB cars at your railroad station. Everything included! Complete! Ready to put up! A building that was primarily designed for quick, easy field erection, designed and prefabricated to keep erection costs down.

We are now able to offer these famous buildings for early delivery anywhere in California. We also are in a position to refer you to builders associated with us who can give you figures on erection costs.

We have sold two hundred and fifty of these prefabricated buildings in California since V-J Day. If you need one for early delivery, don't delay in placing your order. Orders taken now will be delivered in approximately 90 days. Future orders may take longer, depending on available materials and labor supply. To play safe, order soon.

VARIABLE LENGTHS AS NEEDED

The standard unit is 40 ft. wide, 100 ft. long, 14 ft. high at eaves and 20 ft. high at the center or ridge. No variation in width or height is possible. Where more width is needed, two or more standard units can be erected side by side, with or without separating walls.

Longer or shorter buildings can be had by adding or eliminating 20 ft. lengths. You can order a building 40 x 80 ft., 40 x 120 ft. and so on up to a building 40 by several hundred feet if necessary.

COST OF VARIABLE LENGTH BUILDINGS

The price of the standard 40 x 100 ft. building is $4000. For each additional 20 ft. add $500 to the cost. For buildings less than 100 ft. long subtract $425 for each 20 ft. reduction in size. For example, a 40 x 200 ft. building costs $6500. A 40 x 80 ft. building costs $3575.

FEATURES OF CONSTRUCTION

"Butler Built" Rigid Frame Steel Buildings have a husky steel frame that can be quickly bolted together. All welding is done at the factory before shipping. There are no obstructions. The entire inside space is usable.

Walls and roof are covered with 24-gauge galvanized steel sheets strengthened with deep-drawn shouldered ribs. Sheets are gang punched so that sheets and bolt holes fit perfectly for easy bolting together and to provide watertight joints. Roof sheets are curved at the ridge and eaves.

Sliding doors 12 x 12 ft. are built into each end. These roll on 4-wheel trolleys. All hardware is included. Each end has four windows and an adjustable air louvre, 4 ft. square. On buildings now being manufactured, "vimlite" windows are being furnished. Steel sash and glass windows will be furnished on future buildings as soon as available.

In line with the Butler low-cost mass-production policy, only standard units as described above can be furnished by the factory. But if additional doors, windows or skylights are desired, they can easily be added when the building is being erected.

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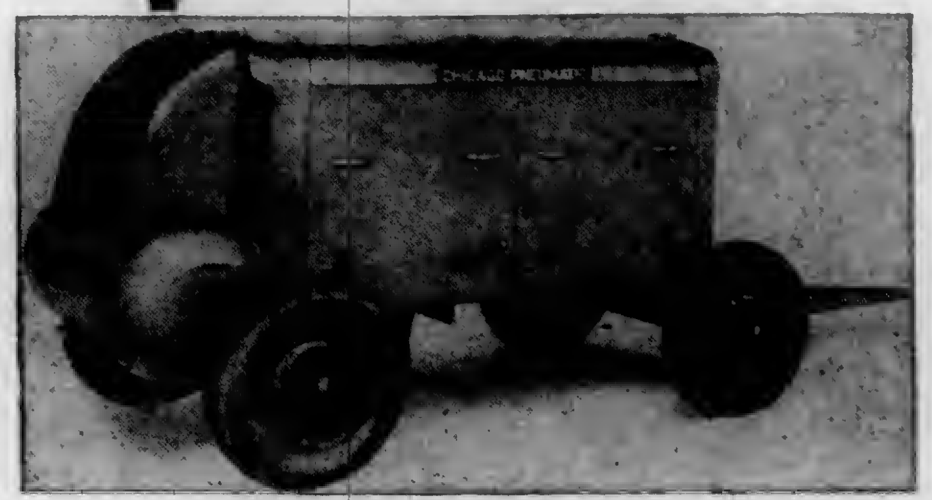

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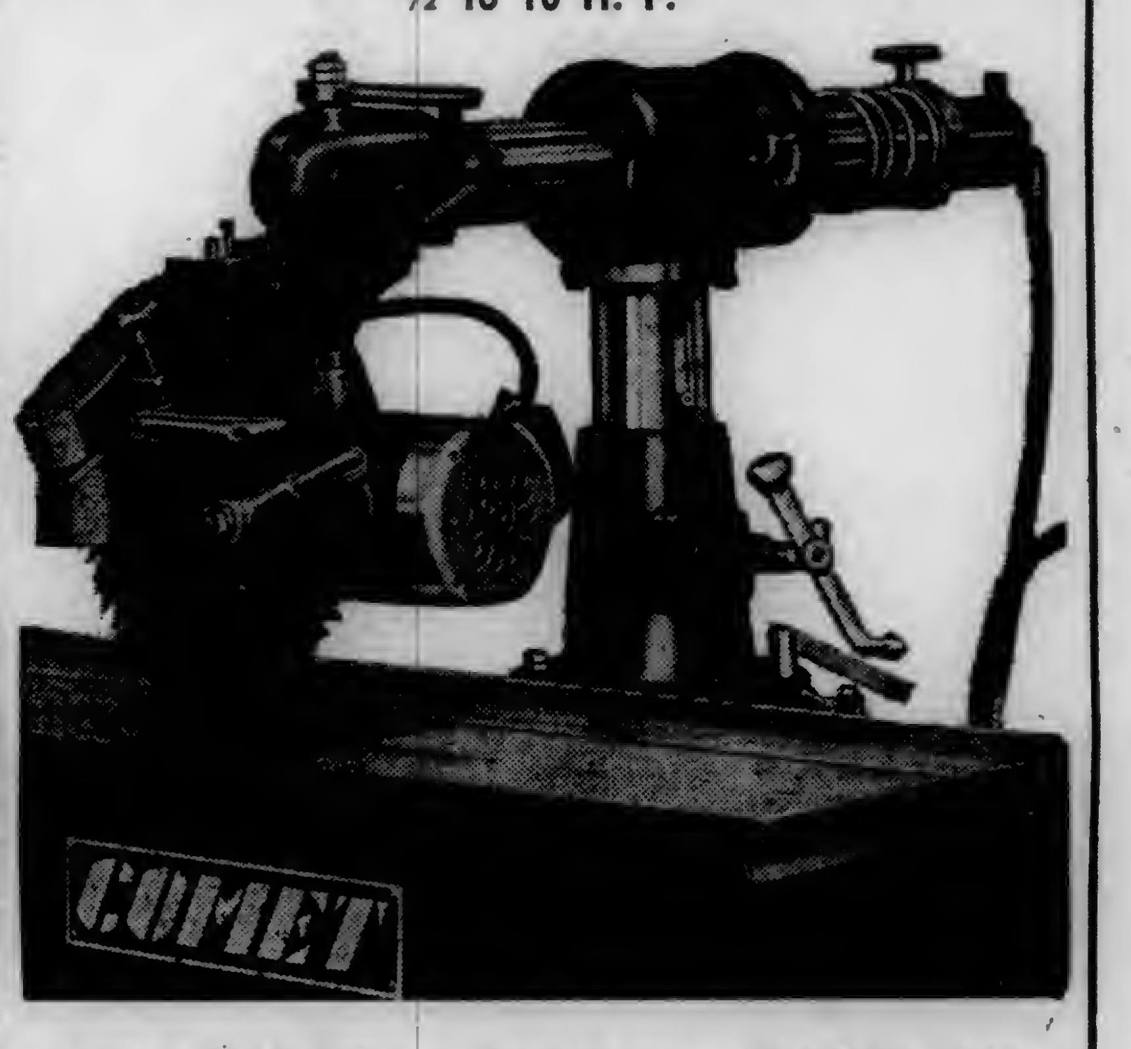

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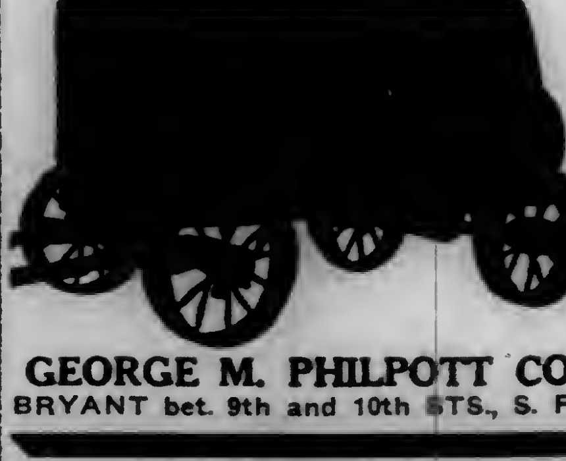

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Building Permits, Contracts---Recorded Notices

BUILDING PERMITS

Building Permits, $1,000 and Over, Applied For

SAN FRANCISCO COUNTY

2-STORY FRAME FLATS (2)
SW. CAYUGA ST. 45 W. SICKLES; SW. CAYUGA ST. and SICKLES.
Owner and Builder—I. Baldwinson, 801 Randolph St.
Architect—Not Given. $8,000 each
(Application Nos 85517-18)

1-STORY FRAME RESIDENCE
N. JOOST 237 E. RIDGEWOOD.
Owner—F. A. Cirelli, 762 Joost Ave.
Builder—Boyd C. Lindsay, 1176 Alemany Blvd.
Architect—Not Given. $7,000
(Application No 85513)

1-STORY FRAME DWELLINGS (12)
NW. 32ND AVE. and QUINTARA; W. 32ND AVE. 25, 50, 75 N. QUINTARA; NE. QUINTARA and 33RD AVE.; E. 33RD AVE. 25 N., 50, 75 N. QUINTARA; N. QUINTARA 70, 95, 120, 145 W. 32ND AVE.
Owner and Builder—C. T. Lindsay Co., 8241 Taraval St.
Architect—Not Given.
$6100 (6); $5900 (2); $5750 (4).
(Application Nos 85554-65)

1-STORY FRAME DWELLING
E. 26TH 183 S. LAKE.
Owner — Margaret Stevenson, 5400 Fulton St.
Builder—A. T. Morris & Sons, 5400 Fulton.
Architect—Not Given. $6,000
(Application No 85543)

1-STORY FRAME RESIDENCE
W. INGALLIS 75 N. THOMAS.
Owners—E. Granz and L. Murer, 1294 Quesada Ave.
Builder—L. Murer, 1274 Quesada Ave.
Architect—Not Given. $5,000
(Application No 85519)

1-STORY FRAME RESIDENCES (4)
W. 47TH AVE. 100, 125, 150, 175 N. MORAGA.
Owner and Builder—M. J. King, Inc., 231 Franklin St.
Architect—Not Given. $5,000 each

ALTER FLATS
866 BROADWAY.
Owner—Alfred Seconde, premises.
Builder—Pacific Fixture Co., 181 18th Ave.
Architect—Not Given. $4,000
(Application No 85527)

ALTER SERVICE STATION
NE. PINE AND BATTERY.
Owner—Tide Water Associated Oil Co., 79 New Montgomery St.
Builder—Barrett & Hilp, 918 Harrison St.
Architect—Not Given. $3,500
(Application No 85515)

1-STORY FRAME DWELLING
1000 COLUMBUS AVENUE.
Owner—Triangle Novelty Co., 1000 Columbus Ave.
Builder—Not Let.
Architect—Not Given. $2,900
(Application No 85566)

1-STORY FRAME DWELLING
E. BRUSSELS 120 N. CAMPBELL.
Owner and Builder—A. R. Sanchez, 1363 Brussels.
Architect—Not Given. $2,100
(Application No 85514)

ALTER WAREHOUSE
138 HOWARD STREET.
Owner—J. A. Clark Draying Co., 100 Howard St.
Builder—H. H. Larsen Co., 64 South Park.
Architect—Not Given. $2,000
(Application No 85516)

ALTER COMMERCIAL AND WAREHOUSE
972 MISSION STREET.
Owner—Dohrmann Hotel Supply Co., c/o contractor.
Builder—Fred J. Early Jr. Co., Inc., 369 Pine St.
Architect—Not Given. $1,900
(Application No 85545)

ALTER FLATS
2059-61 GREEN STREET.
Owner—C. Zuibertl, 2059 Green St.
Builder—J. A. Gordon, 252 Chattanooga St.
Architect—Not Given. $1,200
(Application No 85520).

ALTER DWELLING
1666 WALLACE STREET.
Owner—G. Garibotto, 1666 Wallace.
Builder—S. J. Amoroso Construction Co., 2100 Oakdale.
Architect—Not Given. $1,000
(Application No 85550)

Building Permits, $1,000 and Under, Applied For

SAN FRANCISCO COUNTY

ALTER DWELLING, $980; 170 Stanyan St; owner, Walter Blair, 1734 Broderick; builder, Leonard Solomon, 1734 Broderick.

ELECTRIC SIGN, $900; 1027 Market; owner, Drucker Co, prem; builder, Electrical Products Corp, 910 Harrison St.

ALTER DWELLING, $800; 591 34th Ave; owner, S Le Plat, prem; day work.

1-STORY FRAME OFFICE, $500; E Columbus Ave 75 S Bay; owner, Royal Motor Sales Co, Bay and Columbus Ave; builder, De Luca & Son, 1745 Filbert St.

ALTER RESIDENCE, $500; 1739 17th Ave; owner, George Hall, prem; builder, Standard Concrete Construction, 3025 Geary Blvd.

ELECTRIC SIGN, $493; 482 Ellis St; owner, Young Lee, prem; builder, Neon Maintenance Corp, 755 Davis.

ELECTRIC SIGN, $450; 4697 Mission St; owner, The Philadelphia, prem; builder, Wonderlite Neon Products, 1095 Folsom St.

ELECTRIC SIGN, $400; 972 Geneve Ave; owner, W Nadell, premises; builder, Wonderlite Neon Products, 1095 Folsom St.

ELECTRIC SIGNS (2) $400 and $490; 1430 Van Ness Ave; owner, W P Fuller Co, 1430 Van Ness; builder, Wonderlite Neon Products, 1095 Folsom St.

ELECTRIC SIGN, $350; 1548 Taraval St; owner, C W Hooper, premises; builder, Neon Maintenance Corp, 755 Davis St.

ALTER RESIDENCE, $300; 2170 Hayes St; owner, H G Anderson, prem; builder, Standard Concrete Construction, 3025 Geary Blvd.

BILLBOARD, $225; NE 14th St and Van Ness Ave S; owner and builder, Foster & Kleiser, 1675 Eddy St.

ALTER DWELLING, $200; 1021 Portola Dr; owner, Mrs Jos T Himes, prem; builder, American Terrazzo Co, 36 Wood St.

ELECTRIC SIGN, $200; 2738 Mission St; owner, Taste Good Bakeries, 2738 Mission; builder, Neon Maintenance Corp, 755 Davis St.

ALTER HOME, $100; 222 20th Ave; owner and builder, Vincenzo and Rose Salvo, 222 20th Ave.

BARBER POLE, $75; 60 Post St; owner, R H Joint, prem; contractor, Pacific Barber Supply Co, 1230 Market St.

ALTER STORE, $75; 1432 Turk St; owner, Abe Phillips, 4550 California Street.

BILLBOARDS, five, $45 each; SW Haight and Cole; SE Courtland and Moultrie; E 3rd St 60 N 20th St; W San Bruno 125 S Wayland; W 10th St 110 N Folsom; owner and contractor, Foster & Kleiser, 1675 Eddy St.

SIGN, electric, $25; 1192 McAllister; owner, Reliable Radio, prem; contractor, Brite-Lite Neon, 1095 Folsom Street.

BARBER POLE, $20; 1503 Ellis St; owner, Gibson, 1503 Ellis St.

Building Permits, $1,000 and Over, Applied For

ALAMEDA COUNTY

STORE
1104-A TENTH ST, BERKELEY.
Owner—T M Liner, 1718 LeRoy.
Contractor—G O Anderson, 2817 Nevin Ave, Richmond.
Architect—Not Given. $2,500

ALTERATIONS
2135 OREGON, BERKELEY.
Owner and Contractor—Fred Parsons 2135 Oregon.
Architect—Not Given. $1,500

WAREHOUSE
1501 EAST SHORE Highway, BERKELEY.
Owner—A J McCosker, East Shore and Cedar St.
Contractor—MacDonald, Young and Nelson, 127 Montgomery St, S F.
Architect—Not Given. $1,500

OFFICE
1501 EAST SHORE Highway, BERKELEY.
Owner—A J McCosker, East Shore and Cedar St.
Contractor—MacDonald, Young and Nelson, 127 Montgomery St, S F.
Architect—Not Given. $1,000

ALTERATIONS
420 13TH ST., OAKLAND
Owner—Nugget Grill, 418 13th St.
Builder—Frank W. Anderson, 811 37th St.
Architect—H. A. Schary, 409 15th St. $15,000

2-STORY 8-ROOM DUPLEX
2862 COOLIDGE AVE., OAKLAND.
Owner—East Shore Homes.
Builder — Philip Heraty, 3675 MacArthur Blvd.
Architect—Not Given. $8,750

ALTERATIONS
2800 BROADWAY, OAKLAND.
Owner — Incandescent Supply Co., 2800 Broadway.
Builder—W. A. Rose, 478 25th St.
Architect—Not Given. $5,000

ALTER APARTMENTS
5322-24 MANILA AVE., OAKLAND.
Owner and Builder—D. B. Hobson, 5324 Manila Ave.
Architect—Not Given. $4,680

FIRE REPAIRS
830 OAK ST., OAKLAND.
Owner—Chas. G. Hambeton, 830 Oak.
Builder—W. A. Rose, 478 25th St.
Architect—Not Given. $3,500

ALTERATIONS AND ADDITION
4778 E. 14TH ST., OAKLAND.
Owner—Ralph Centoni, 1420 65th Ave.
Builder—M. Ghiselli, 1312 Fountain St., Alameda.
Architect—Not Given. $3,000

1-STORY CONCRETE GARAGE
1359 79TH AVE., OAKLAND.
Owner—J. Buscovich, 7608 Outlook Ave.
Builder—W. H. Wisheropp Co., 584 Grand Ave.
Architect—Not Given. $6,000

1-STORY 6-ROOM DWELLING
2174 109TH AVE., OAKLAND.
Owner and Builder—C. R. Hills, 10915 Bancroft Ave.
Architect—Not Given. $5,800

ALTERATIONS
1158 7TH ST., OAKLAND.
Owner and Builder—United Consumers & Producers, Inc., 1563 7th St.
Architect—Not Given. $1,300

ALTERATIONS
3634 E. 14TH ST., OAKLAND.
Owner and Builder—Dynan Finance Co., 508 16th St.
Architect—Not Given. $1,250

ADDITION
4408 DAVENPORT AVE., OAKLAND
Owner and Builder—M. Christiansen, 4408 Davenport Ave.
Architect—Not Given. $1,200

SHED
3524 RUBIN DR., OAKLAND.
Owner and Builder—D. B. Nelson, 2709 Alida St.
Architect—Not Given. $1,000

FIRE REPAIRS
1025-27 CENTER ST., OAKLAND.
Owners — D. James and J. Dorsey, 1025-27 Center St.
Builder—W. A. Rose, 478 25th St.
Architect—Not Given. $1,000

FIRE REPAIRS
517-19 ADELINE ST., OAKLAND.
Owner — Jeanette Balthazar, 517-19 Adeline St.
Builder—W. A. Rose, 478 25th St.
Architect—Not Given. $1,000

ALTERATIONS
439 23RD ST., OAKLAND.
Owner—A. Crosetti Bros., 439 23rd St.
Builder—Van Bokkelen-Cole Co., 955 22nd St.
Architect—Not Given. $1,000

PERMITS UNDER $1,000

ALAMEDA COUNTY

ELECTRIC SIGN, $950; 3501 San Pablo Ave; owner, Mr Crillo, 3501 San Pablo Ave; builder, Western Neon Corp, 3001 Chapman St.

FIRE REPAIRS, $800; 541 28th St; owner, Marion McElrath, 541 28th St; builder, W A Rose, 478 25th St.

MOVE BUILDING, $800; 3873 35th Ave; owner and builder, W G Sanders, 3044 Blossom St.

FIRE REPAIRS, $700; 5506 Telegraph Ave; owner, Hiram W Carver, 5504 Telegraph Ave; builder, Von Bokkelen-Cole Co, 955 22nd St.

ELECTRIC SIGN, $700; 5433 Grove St; owner, Reno's, prem; builder, Modern Neon Co, Lafayette, Calif.

ALTERATIONS, $500; 17 Ascot Crt; owner, A Grover, prem; builder, Clyde N Church, 637 Beacon St.

ALTER AND REPAIR, $500; 1022 Market St; owner and builder, Lavalle K Ford, 523 Peralta St.

ELECTRIC SIGN, $500; 1901 San Pablo Ave; owner, Bill Tishler, prem; builder, Modern Neon Co, Lafayette, Calif.

1-STORY OFFICE, $300; 1819 Wood; owner and builder, A D Schrader, 144 Spear St, San Francisco.

ELECTRIC SIGN, $300; 5350 Grove; owner, Star Liquor Co, prem; builder, Modern Neon Co, Lafayette, Calif.

ELECTRIC SIGN, $300; 366 12th St; owner, Glenn A Warren, premises; builder, Modern Neon Co, Lafayette, Calif.

ELECTRIC SIGN, $300; 1530 7th St; owner, Murray & Wright, premises; builder, Modern Neon Co, Lafayette, Calif.

1-STORY GARAGE, $200; 4039 Magee Ave; owner and builder, Carl P Reinaldson, 3623 Magee Ave.

1-STORY GARAGE, $200; 1070 81st Ave; owner and builder, John Burton, 1070 81st Ave.

ALTERATIONS, $125; 244 Covington St; owner and builder, A C Swensen, premises.

ADDITION, $100; 1442 Trestle Glen Rd; owner, Mrs Simpson, premises; builder, Walter H Edwards, 1630 Webster St.

BERKELEY

ALTER, $815; 1620 Harmon; owner, Earl Jones, premises; contractor, Emil Hanson, 1421 Alcatraz.

ALTER, $750; 2820 Claremont Ave; owner, M Morsehead, prem; contractor, S V Harris, 5912 Ayala, Oakland.

ROOFING, $600; 2709 Dwight Way; owner, Wm Johnson, prem; contractor, Standard Rfg Co, 648 San Pablo Ave, Albany.

ALTER, $450; 1707 Russell; owner and contractor, Berkeley Board of Education, 1414 Walnut St.

ALTER, $350; 1731 Prince; owner and contractor, Berkeley Board of Education, 1414 Walnut.

ROOFING, $225; 1335 Walnut St; owner, Tilly, premises; contractor, Sun Rfg Co, 4016 E 14th St, Oakland.

ROOFING, $130; 1305 Talbot; owner, Holmes, premises; contractor, R W West Co, 2211 5tn St.

ALTER, $100; 1040 Sierra; owner and contractor, W K Hughes, prem.

ROOFING, $100; 2340 Piedmont; owner, Acacia Fraternity, prem; contractor, American Co, 806 55th.

REPAIRS, $80; 2811 Stuart; owner, H Davies, 5716 Oak Grove Ave, Oakland; owner, H Hawkins, 2924 Hillegass.

REPAIRS, $50; 2423 McGee; owner and contractor, John Meneghetti, 2319 McGee.

ALTER, $50; 1736 Rose; owner and contractor, O W Rouse, premises.

Building Permits, $500.00 and Over, Issued by the Board of Public Works

SAN FRANCISCO COUNTY

JANUARY 24, 1946

621 Bayshore Blvd; alter lumber yard; cost, $8500; owner, Hogan-Von Gezder Lbr Co.

1019 Clement St; alter garage and store; cost, $27,000; owner, William Fisher.

1015 Shotwell; alter apt; cost, $1,500; owner, Gus Arnold.

101 Howard St; alter plant; cost, $880; owner, Folger Coffee Co.

E Juniper St. 250 N of Bryant; alter bottling works; cost, $8,000; owner, S F Brewing Co.

2235-7 Chestnut St; alter store; cost, $2680; owner, A Rosetti.

4300-04 19th St; alter dwellings; cost, $600; owner, Mrs H Nelson.

2076 Vallejo St; alter apts; cost $2000; owner, E C Fleishmann.

1137 McAllister St; alter building; cost, $1500; owner, Ben Ginsberg.

1244 Larkin St; alter offices and warehouse; cost, $2500; owner, Monogram.

Seals Stadium; class B bldg; cost $1500; owner, Cal Spartsereic.

Completion Notices

SAN FRANCISCO COUNTY

Recorded Accepted

Jan. 24, 1946—1131 and 1133 Anza. Lloyd M Abrahamas to Cramer Co.........Jan. 24, 1946

Jan. 24, 1946—1883 and 1885 Green. Maryan B Ellis to whom it may concern.........Jan. 24, 1946

Jan. 21, 1946—W Elmira 75 S Augusta, Lot 4, Block 5393. James Henry and Francis Van Deelan to Geo Winter Construction Co.........Jan. 17, 1946

Jan. 24, 1946—Steam cleaning and painting ptn general office building, 65 Market St. Southern Pacific Co to J H Mohr......Jan. 15, 1946

ALAMEDA COUNTY

Recorded Accepted

Jan 23, 1946—LOTS 31 and 32 Blk B, Resubdiv of Blk B, Prospect Hill Tract, Oakland. George O Smith to whom it may concern.........January 19, 1945

Plumbing Permits

BERKELEY

2884 Telegraph; owner, Dr Meyers; dealer, Durant Plbg; w closet; 2 w basins; 3 sinks.

1705-09 Solano; owner, Silva; dealer, Al Terreria; 3 w closets; 3 w basins.

1220 San Pablo; owner, Jos Kehriates; dealer, Art Johnson; 2 water closets; 2 w basins.

543 Spruce; owner, White; dealer, Art Johnson; w closet; w basin; shower.

2428 College; owner, H T Wright; dealer, Art Johnson; 3 w closets; 3 w basins; 3 showers.

Electrical Permits

SAN FRANCISCO COUNTY

7906 3460 Mission St; owner, Silver Bell Shop; contractor, QRS Neon Corp; 1 sign.

7907 Geary and Grant Ave; owner, I Magnin Co; contractor, Pacific Elec & Mech Co; 4 outlets; 3 switches; 3 plugs; 8 motors.

7908 1286 Folsom St; owner, McFadden; contractor, Malm & Welter; 1 motor.

7909 3200 24th St; owner, Candy Store; contractor, Star Electric Co; 2 plugs.

7910 501 29th St; owner, Perry; contractor, Star Electric Co; 5 outlets; 4 switches; 5 plugs; service.

7911 520 6th St ;owner, Phoenix-Simpton Co; contractor, ...; service; 1 motor.

7912 111 Embarcadero; owner, M Young; contractor, Porter Electric Co; 6 switches; 1 plug.

7913 1152 Valencia; owner, Driver Equipment Co; contractor, Porter Electric Co; 6 motors.

7914 3939 24th St; owner, Gadd's Market; contractor, Porter Electric; 6 outlets; 4 motors.

7915 595 Mission St; owner, Trude Manufacturing Co; contractor, P & J Electric; 24 outlets; 24 plugs.

7916 1936 Ocean Ave; owner, Ocean Ave Delicatessen; contractor, Wonderlite Products Co; 1 sign; 2 transformers.

7917 3707 Sacramento St; owner, Spruce Cleaners; contractor, Wonderlite Products Co; 1 sign; 2 transformers.

7918 3396 Mission; owner, Stella's Wear Shop; contractor, Wonderlite Neon Products Co; 1 sign; 2 transformers.

7919 2808 Bush St; owner, Wood; contractor, Byington Electric Co; 1 outlet; 1 switch; 14 plugs; service.

7920 2420 Lombard Street; owner, Johnson and Murphy; contractor, Mohrdick Elec Co; 5 outlets; 5 plugs 1 sign.

7921 2422 Lombard Street; owner, Johnson and Murphy; contractor, Mohrdick Elec Co; 5 outlets; 5 plugs; 1 sign.

7922 715 Bryant St; owner, Western Food Co; contractor, Mohrdick Elec Co; 12 outlets; 2 switches; 11 plugs.

7923 1101 Powell St; owner, Chan; contractor, Chas H Yick; 3 outlets.

7924 1544 Grant Ave; owner, Lew; contractor, Chas H Yick; 3 outlets; 1 switch; 1 plug.

7925 801 Turk St; owner, Grocery; contractor, Pacific Electric and Mech Co; 2 plugs.

7926 3699 Washington St; owner, Rosener; contractor, Pacific Electric & Mech Co; alterations.

7927 1550 Taraval St; owner, L T Pease; contractor, Neon Maintenance Corp; 1 sign; 2 transformers.

7928 750 Battery St; owner, E Stiefvater; contractor, Neon Maint Corp; 1 sign; 1 transformer.

7929 750 Battery St; owner, E Stiefvater; contractor, Neon Maint Corp; 1 sign; 1 transformer.

7930 568 Eddy St; owner, A B Grodt; contractor, Neon Mtaintenance Corp; 1 sign; 1 transformer.

7931 339 Powell St; owner, Saint Francis Hotel; contractor, Victor Lemoge; alterations.

7932 89 3rd St; owner, Soloman; contractor, Victor Lemoge; 23 outlets; 5 switches; 5 plugs; service.

7933 S Tioga 200 E Rutland; owner, Wilder; contractor; ....; service; 1 motor.

7934 4723 Geary Blvd; owner, Valerie; contractor, Century Electric Constr Co; 2 plugs.

7935 W Balboa 70 S 45th Avenue; owner, Arneson; contractor, Richmond Elec Co; service; 1 motor.

7936 E 33rd Ave 150 S Pacheco; owner, Doelger; contractor, Richmond Elec Co; 1 motor; service.

7937 NW Cor 15th Ave & Noriega; owner, Doelger; contractor, Richmond Elec Co; 1 motor; service.

7938 E 33rd Ave 250 S Pacheco; owner, Doelger; contractor, Richmond Elec Co; 1 motor; service.

7939 E 33rd Ave 350 S Pacheco; owner, Doelger; contractor, Richmond Elec Co; 1 motor; service.

7940 518 Market St; owner, Calif Health Studio; contractor, Dowd-Seid Electric Co; alterations.

7941 484 Pine St; owner, Hetzeil; contractor, Dowd-Seid Elec Co; alterations.

7942 2512 Leavenworth St; owner, W De Marais; contractor, Dowd-Seid Elec Co; 5 outlets; 3 switches; 10 plugs.

7943 1875 California Street; owner, Borwich; contractor, Atlas Electric & Engrg Co; service.

7944 661 Divisadero St; owner, Wm Borwich; contractor, Atlas Elec & Engrg Co; service.

7945 1137 McAllister St; owner, Ben Ginsberg; contractor, Atlas El & Engrg Co; 9 outlets; 2 switches; 15 plugs.

7946 1 Prospect Avenue; owner, Harper; contractor, Star Elec Co; service; alterations.

7947 3 Prospect Avenue; owner, Harper; contractor, Star Elec Co; service; alterations.

7948 5 Prospect Avenue; owner, Harper; contractor, Star Elec Co; service; alterations.

7949 630 Precita Avenue; owner, Montez; contractor, Star Electric Co; service; 1 motor.

7950 16 1st St; owner, Advertising Checking Bureau; contractor, Abbett Elec Co; 15 switches; service.

7951 981 Howard St; owner, La Salle Garage; contractor, Buzzell Electric Works; 23 outlets; 7 plugs; service; 1 motor.

OAKLAND

34975 607 Washington; owner, Yerrington Packers; contractor, Paramount Electric Co; fixtures; alterations.

34976 2531 Parker; owner, Cucci; contractor, Collins Electric Co; service.

34977 2525 Parker; owner, Olson; contractor, Collins; outlets; switches; fixtures; plugs.

34978 541 16th St; owner, Oakland Typewriter Co; contractor, Scott Buttner Electric Co; switches; outlets.

34979 6980 Colton Blvd; owner, McClurg & Chopin; contractor, Clifford Electric; outlets; switches; fixtures; plugs

34980 270 4th St; owner, Lee Paper Co; contractor, Clifford Elec; .....

34981 3329 Foothill; owner, Colonial Creamery; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

34982 433 Jefferson; owner, Western Refrigerator Co; contractor, Clifford Electric; furnace control.

34983 1517 Clay St; owner, Meni-Ketti; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

34984 6906 Saroni; owner, Flashman; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

34985 3925 Alameda Ave; owner, Plant Constr; contractor, Pacific El Motor Co; motors.

34986 92nd Ave near San Leandro; owner, Lincoln Lumber; contractor, Pacific Elec Motor; service.

34987 324 13th St; owner, Blade Typographic; contractor, Pacific El Motor Co; motors.

34988 1924 Franklin Street; owner, Rider & Ingram; contractor, Pacific Electric Motor Co; alterations.

34989 4001 San Leandro Blvd; owner, Gail Furniture; contractor, Pacific Elec Motor Co; motrs.

34990 1130 Adeline; owner, Rose; contractor, Matson Elec Equip Co; alterations.

Classified Advertising

HELP WANTED

SUPERINTENDENT
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The above three permanent positions open with large electrical contractor. State experience, ability and furnish references. Reply Box 123, c/o Daily Pacific Builder. to Jan. 31, '46

WANTED

ARCHITECTURAL DRAFTSMAN wanted. A-1 man. Working drawings and details. General work, schools and public buildings. Long Job. Write details and salary expected. F. T. Georgeson, P. O. Box 55, Eureka, Calif. Phone Eureka 394. (to 2/4/46)

1st Class CONSTRUCTION SUPT., large buildings; good salary, good future. State exp. and ref. Reply Box 122, c/o Daily Pacific Builder. 1/22-23-24-25-26-28/46

BLDG. CONSTR. SUPT., good future. State experience and references. Reply Box 16, c/o Daily Pacific Builder. tf

PAINTING ESTIMATOR, preferably one with experience or background adaptable to this line of work. Reply Box 118, c/o Daily Pacific Builder. 1/18-21-22-23-24/46

Official Proposal

Warehouse—California National Guard, Sacramento, Calif.

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF ARCHITECTURE

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the Division of Architecture, Public Works Building, 1120 "N" Street, Sacramento, California, up to 2:00 P. M., Tuesday, February 5, 1946, said bids thereafter on said day to be publicly opened and read for Warehouse, California National Guard, Sacramento, California, in accordance with plans and specifications therefor.

The work includes the construction of a 1-story brick and reinforced concrete Warehouse. The floor area will be 4400 square feet, approximately.

Prevailing Wage Scale: In accordance wtih the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

	Hourly Rate
Bricklayers	$1.87½
Bricklayers' Hod Carriers	1.15
Carpenters	1.50
Cement Finishers	1.50
Electric Workers	1.70
Engineers, Portable Hoist or Otherwise	1.50
Glass Workers	1.26
Iron Workers, Architectural	1.60
Iron Workers, Reinforcing Steel	1.50
Laborers, Building	1.06¼
Painters	1.43
Roofers	1.50
Sheet Metal Workers	1.50
Any classification omitted herein not less than	1.06¼

Overtime—One and one-half times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal Officer or agency, in so far as the same may be applicabel to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal Order, whether higher or lower, shall control.

Apprentices may be employed provided they are properly indentured to the Contractor in full compliance with the provisions of Section 1777.5 of the Labor Code.

Plans and specifications for examination are on file in the Office of the Division of Architecture, Public Works Building, Sacramento, and Room 803 State Office Building, Los Angeles, and at the principal California Cities Builders' Exchange Offices.

Contractors who are prequalified and who are desirous of securing plans, specifications and proposal forms for the purposes of preparing and submitting a proposal for this work may do so by requesting same in writing from the Division of Architecture, Public Works Building, Sacramento.

Prequalification: Plans, specifications and proposal forms will only be issued to those contractors who are prequalified with the Department of Public Works by having filed a statement of experience and financial condition on a standard questionnaire form in accordance with the provisions of the State Contract Act. Such statement must have been filed and approved not more than one (1) year and not less than five (5) days previous to the date set for receiving and opening bids. Contractors may obtain standard questionnaire forms from the Division of Architecture.

No bid will be accepted from a contractor who has not been licensed in accordance with the provisions of the Contractor's License Act or to whom a proposal has not been issued by the Department of Public Works.

No bid will be considered unless it is presented on a proposal form furnished by the Division of Architecture and accompanied by a bidder's bond, cash, a cashier's or certified check made payable to the Director of Public Works in the sum of at least ten per centum (10%) of the amount of the bid.

The Department of Public Works reserves the right to reject any or all bids and to waive any informality in any bid received.

No bidder may withdraw his bid for a period of thirty (30) days after the time set for opening thereof.

DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
ANSON BOYD,
State Architect.
(Daily Pacific Builder)
(Jan. 18-25, Feb. 1, 1946)

Highway Improvements—El Dorado County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on February 13, 1946, at which time they will be publicly opened and read in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, of a portion of State Highway as follows:

El Dorado County, between Shingle Springs and 1¼ miles west of El Dorado (III-E.D-11-B) about three and four-tenths (3.4) miles in length, to be graded and surfaced with plant-mixed surfacing on crusher run base.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per Hour
Skilled Labor	
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.375
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity)	1.70
Motor grader operator	1.85
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Renforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.4375
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.3125
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.25
Intermediate Grade Labor	
Concrete vibrator operator	1.25
Jackhammer operator	1.25
Oil dstributor bootman	1.00
Oiler, power shovels or cranes	1.25
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.0625
Truck driver (less than 4 cubic yards water level capacity)	0.90
Unskilled Labor	
Flagman	1.00
Laborer	1.00

Positions not listed above will be allocated in accordance with the definitions which appear in the special provisions, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.25 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.00 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.00 per hour.

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposed to be done will be financed in whole or in part with Federal funds and that therefore all of the applicable Federal statutes, rules, and regulations will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifications regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications, regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, nad forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the wor kis situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (see said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated January 18, 1946.
(Daily Pacific Builder)
(Jan. 18-25, Feb. 1, 1946)

Highway Improvements, Yolo County at the State Highway Nursery, About Three Miles East of Davis

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, 703 B Street, Marysville, California, until 2 o'clock P. M. on January 31, 1946, at which time and place they will be publicly opened and read, for performing work as follows:

Yolo County, at the State Highway Nursery, about three miles east of Davis (III-Yol-6-A) water well to be drilled and cased.

Plans and specifications, and forms of proposal, bonds, and contract may be obtained at the above address.

No bid will be considered unless it is made on a proposal form furnished by the District Engineer, and is made in accordance with the provisions set forth under Section 2, "Proposal Requirements and Conditions" of the Standard Specifications. Each bid must be accompanied by a proposal guaranty in accordance with the requirements of article (f) of the said Section 2 of the Standard Specifications.

The Department of Public Works reserves the right to reject any or all bids.

The quantities listed in the State Highway Engineer's Estimate hereinafter stated, are approximate only, being given as a basis for the comparison of bids, and the Department of Public Works does not, expressly or by implication, agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work, or to omit portions of the work, as may be deemed by the Engineer to be necessary or advisable.

Bids are required on the entire work described herein.

The rates of wages, including overtime, holiday or Sunday rates, herein specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Laborer	$1.0625
Well driller	1.70
Any classification omitted herein not less than	1.0625

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

STATE HIGHWAY ENGINEER'S ESTIMATE

Item 1. 200 lineal feet drilling and casing well.

Item 2. 30 hours pumping well.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer
By C. H. WHITMORE,
District Engineer, Dist. III.
Dated January 18, 1946.
(Daily Pacific Builder)
(Jan. 18-25, 1946)

Erection of Ward Buildings for Infirm and Disturbed Females, Stockton State Hospital, Stockton, Calif.

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF ARCHITECTURE

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the Division of Architecture, Public Works Building, 12th and "N" Street, Sacramento, California, up to 2:00 P. M., Tuesday, January 29, 1946, said bids thereafter on said day to be publicly opened and read for the erection and completion of the Ward Buildings for Infirm Females and for Disturbed Females, Stockton State Hospital, Stockton, California, in accordance with plans and specifications therefor.

The Ward Buildings for Infirm Females and Disturbed Females consist of a one-story and two-story reinforced concrete buildings having a combined floor area of approximately 160,000 square feet with hollow tile partitions, steel sash, and clay shingle tile roof covering.

Separate bids only will be entertained for the following segregated parts of the work.

1. General Work.
2. Heating and Ventilating Work.
3. Plumbing Work.
4. Electrical Work.

Alternate bids will be required for the omission of certain work.

Prevailing Wage Scale: In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

	Hourly Rate
Asbestos Workers	$1.50
Bricklayers	1.75
Carpenters	1.50
Cement Finishers	1.50
Electric Workers	1.70
Glass Workers	1.25
Iron Workers, Architectural	1.60
Iron Workers, Reinforcing Steel	1.50
Laborers, Building	1.06¼
Lathers	1.75
Masons' Tenders	1.40
Painters (brush)	1.37½
Plasterers	1.75
Plasterers' Tenders	1.50
Plumbers	1.50
Roofers	1.37½
Sheet Metal Workers	1.50
Steam Fitters	1.50
Tile Setter	1.37½
Operator of Power Shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of Power Shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Tractor Driver	1.70
Truck Driver (8 cu. yds. water level capacity and less than 14 cubic yards)	1.25
Truck Driver (4 cu. yds. and less than 8 cu. yds. water level capacity)	1.06¼
Truck Driver (less than 4 cu. yds. water level capacity)	.90
Any classification omitted herein not less than	1.06¼

Overtime—One and one-half times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal Officer or agency, in so far as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal Order, whether higher or lower, shall control.

Apprentices may be employed provided they are properly indentured to the Contractor in full compliance with the provisions of Section 1777.5 of the Labor Code.

Plans and specifications for examination are on file in the Office of the Division of Architecture, Public Works Building, Sacramento, and Room 803 State Office Building, Los Angeles, and at the principal California Cities Builders' Exchange Offices.

Contractors who are desirous of securing plans, specifications and proposal forms for the purposes of preparing and submitting a proposal for this work may do so subject to certain conditions as hereinafter stated by requesting same in writing from the Division of Architecture, Public Works Building, Sacramento. Such request shall be accompanied by a deposit of Twenty Five ($25.00) dollars. Check shall be made payable to the Division of Architecture. Such deposit is required to guarantee the safe return in good condition of the plans and specifications to the Division of Architecture within 30 days after the date set for opening bids. Failure to so return the plans will cause forfeiture of the Deposit to the State.

Prequalification: Plans, specifications and proposal forms will only be issued to those contractors who are prequalified with the Department of Public Works by having filed a statement of experience and financial condition on a standard questionnaire form in accordance with the provisions of the State Contract Act. Such statement must have been filed and approved not more than one (1) year and not less than five (5) days previous to the date set for receiving and opening bids. Contractors may obtain standard questionnaire forms from the Division of Architecture.

No bid will be accepted from a contractor who has not been licensed in accordance with the provisions of the Contractor's License Act or to whom a proposal has not been issued by the Department of Public Works.

No bid will be considered unless it is presented on a proposal form furnished by the Division of Architecture and accompanied by a bidder's bond, cash, a cashier's or certified check made payable to the Director of Public Works in the sum of at least ten per centum (10%) of the amount of the bid.

The Department of Public Works reserves the right to reject any or all bids and to waive any informality in any bid received.

No bidder may withdraw his bid for a period of thirty (30) days after the time set for opening thereof.

DEPARTMENT of PUBLIC WORKS
DIVISION OF ARCHITECTURE
ANSON BOYD,
State Architect.
(Daily Pacific Builder)
(Jan. 4-11-18-25, 1946)

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Fifty-sixth Year—Vol. 56—No. 19
SAN FRANCISCO, MONDAY, JANUARY 28, 1946
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PLANS and Speculations

The Dahl-Chevrolet Company of OAKLAND has purchased property in the rear of its present location at 27th and Broadway and is planning to erect a $125,000 two-story service and warehouse addition. The apartment house on the property will be razed.

oOo

The North Coast Distributors wholesale tobacco, candy, etc., firm of SAN RAFAEL have purchased property at the corner of Second and "A" Streets. R. Austin and E. Brandlein, owners of the business, plan the erection of a two-story concrete building to occupy the entire corner.

oOo

Contract for a new $30,000 store building, at Fourth and Lemon Sts. in VALLEJO, to be erected for the Grigg & Powers Drug Company, has been awarded to the Solano Builders and work on the structure will start immediately.

oOo

Seventy new homes, valued at $525,000, will be added to the 105th Avenue District in OAKLAND, through plans announced by McGah and O'Shea, building contractors. The first unit of 12 houses, six on Bergedo Drive, four on Catron Drive, and two on Reposo Drive, is already under construction, with others to follow as rapidly as possible.

oOo

A permit for the first $40,000 unit of SAN Mateo's new Presbyterian church, a planned $200,000 structure, was issued recently. The church will be built at 25th and Hacienda Ave. Contractor is Geo. Arthur and Sons.

oOo

Joseph T. Ryerson & Son, Inc., one of the largest distributors of steel products in the United States, has purchased 210,000 square feet of land at Green and 65th streets in EMERYVILLE, for the construction of a warehouse. Price paid for the land was $105,000. An additional $645,000 will be spent on building and equipment.

oOo

Having engaged an architect to prepare the plans and specifications, the MILL VALLEY school board is planning to call a $200,000 bond election next month to build a new six-room school at Alto and provide various improvements at the three elementary schools. Alfred Johnson, San Francisco architect, and Carl Zollner of Ross, who has served as structural engineer for the Mill Valley school system for the past ten years, will work together in preparing the plans.

oOo

Architects Will Participate In Lecture Series

A series of six lectures on Architecture and Related Subjects and Problems entitled "The House I Want" will be presented during March and April by The Women's Architectural League sponsored by The San Francisco Museum of Art and the Northern California Chapter of the American Institute of Architects.

Thursday morning lectures will be held at Twentieth Century Club, 2716 Derby Street, Berkeley, at 10:30, and Thursday afternoon lectures at the San Francisco Museum of Art, Van Ness Ave. and McAllister St., San Francisco.

Schedules of lectures follows:

March 7—"Modern Living—California Style", Gardner Dailey, Architect, Thos. D. Church, Landscape Architect and Maurice Sands, Decorator.

March 14—"Choice of The Building Site", John S. Bolles, Architect, and Raymond D. Smith, Realtor.

March 21—"Period Influence in The Modern House", Paul Williams, Architect, Los Angeles.

March 28—"The Modern House—Trends", Pietro Belluschi, Architect, Portland.

April 4—"Contemporary Decoration", Frances Elkins, Decorator, with Dorothy Liebes, Textile Designer.

April 11—"A Garden To Live In", Edward A. Williams, Landscape Architect.

"Your House and The Architect", William Clement Ambrose, Architect.

Series tickets at $6.00 each are available at The San Francisco Museum of Art, Van Ness Avenue and McAllister St., San Francisco (HEmlock 2040); John Breuner Co. (Box office, TWinoaks 4048), 21st Street and Broadway, Oakland; and the Women's Architectural League, 730 Montgomery St., San Francisco 11.

V

COAST SLIDES CLEARED

Slides that have blocked the Jenner to Fort Ross section of State Route 1 on the Sonoma County Coast have been cleared and the route is open again to through travel, according to the Touring Bureau of the California State Automobile Association.

WAGE BOARD WILL ENFORCE NEW SCALES

William E. Hague, Manager of Central California Chapter, AGC, has received the following confirming wire on the carpenter's increase in wages from Robert C. Moore, Executive-Secretary of the Wage Adjustment Board: "Wage Adjustment Board in case 52-8934 has considered dispute involving carpenter's rate of pay, between Bay Counties District Council of Carpenters and nine contractors' associations pursuant to their stipulation submitting the case dated December 11, 1945. Board has decided that appropriate rate for carpenters in this matter is $1.75 an hour and has authorized payment of said rate on non-Federal building construction in San Francisco, Marin, Alameda, and San Mateo Counties, Calif., effective January 1, 1946."

Mr. Hague's statement continued: "In addition to the counties mentioned above, the $1.75 an hour rate was also fixed for carpenters in Contra Costa and Solano Counties. The same rate of $1.75 an hour is also being established by the Wage Adjustment Board for painters, roofers, sheet metal workers, and asbestos workers and any other trades that have been under the same basic wage as the carpenters.

"An electrical workers wage of -1.875 an hour has also been approved by the board and the Master Plumbers and their union have gone together on a $1.875 an hour wage for all of Northern California. The same will be submitted to the Wage Adjustment Board immediately.

"As provided under Order No. 41, under the terms of the contractors' agreement in effect October 2, 1942, overtime during the five working days for the first four hours after eight hours will be time and one-half. I have been in close touch with the local officials of the newly-organized Wage Stabilization Board and have been assured by Mr. Thos. Neblett, Chairman of the Board for California, Nevada and Arizona, that his board and the Wage and Hours Division, headed by Mr. Wesley Ash, will give their full co-operation to the enforcement of the wage scales. Mr. Neblett is having a specially printed government notice to be put on all jobs now underway, stating that the wages now being paid on the jobs have been legally established, and that any payments in excess of the established rate will be considered a violation. The new wage rate now fixed is to remain in effect until May 1, 1947."

V

SIMPLIFIED PRACTICE PROPOSAL MADE FOR COPPER, BRASS ITEMS

A proposed Simplified Practice Recommendation for Copper Water Tube and Copper and Brass Pipe has been submitted to producers, distributors, and users for comment or acceptance, or both, according to an announcement of the Division of Simplified Practice of the National Bureau of Standards.

The proposed recommendation covers copper water tube and copper and brass pipe intended for plumbing uses. Its purpose is to establish, as a useful standard of practice in the production, distribution, and use of these items, a simplified list of types and sizes.

Should this proposal, as submitted, or as adjusted in accordance with suggestions submitted by producers, distributors, and users, meet with the approval of industry, it will be issued in printed form.

Mimeographed copies of the proposed recommendation may be obtained from the Division of Simplified Practice, National Bureau of Standards, Washington 25, D. C.

Correction of Critical Highway Conditions Will Cost an Estimated $629,973,000

Some highway construction has been resumed in California's Central Coast counties, but problems of building to replace the roads battered by wartime wear, of meeting ever-increasing need for newer thoroughfares, of providing support for county programs and parking room in cities—and, finally, how this will be paid for—received major attention at Thursday's meeting of the highway committee of the California State Chamber of Commerce's Central Coast Council, held in San Francisco.

More than 70 attended the committee meeting, representing state officials, trade organizations, motorists' bodies, trucking interests and city, county and civic officers from Alameda, Contra Costa, San Francisco, San Mateo, Santa Clara, Santa Cruz, San Benito, Monterey and San Luis Obispo counties. Dr. E. J. Leach, Salinas, chairman of the highway committee, presided.

Critical deficiences in the State Highway System—to correct roads worn out by war traffic, eliminate greatest accident hazards, replace critical bridges, increase inadequate traffic capacity and construct freeways — is estimated to cost $629,973,000, R. M. Gillis, construction engineer, State Division of Highways, stated, citing the increased use of larger trucks, needs of wider lanes and other factors that must be met at a time when needs are greater than financial resources.

A total of $3,615,000 for budgeted construction in Highway District IV has been advertised, and bids received, Col. John H. Skeggs, district engineer for this area reported. Included is an eight-mile extension of Bayshore Highway south of San Jose and four-lane construction between Ignacio and Petaluma.

Problems of county highway construction and maintenance were outlined by Wallace Boggs, county surveyor, Alameda county. The work of the Major Highway Development Committee was reported by Harry A. Mitchell, president of the Sacramento Northern Railroad, and chairman of the State Chamber's statewide highway committee.

Major oil concerns are carrying on a study of highway matters, throughout the state, and with the Collier interim highway committee, to get to a real picture of what the state needs, what the construction will cost, what the required revenue will be to meet these costs, C. C. Stanley, chief counsel, Texas Company, stated.

"Parking is a nationwide municipal headache," Edwin S. Moore, California Automobile Association, stated, declaring that in postwar competition, the city with the best access will be the most successful—but it must provide parking as well as highways. He declared 41 per cent of persons entering San Francisco's business district travel by private auto; while in Oakland, the figure is 70 per cent—and with freeways, etc., the amount will increase.

"It is a community problem—with business interests cooperating" — L. Demming Tilton, San Francisco's planning director, declared, on the same theme. "Communities must carefully look to their own local problems, make local plans, and look ahead to meet coming local conditions. Now is the time to get ready and to build to meet this, while money is cheap. If we don't, business will go elsewhere."

The meeting endorsed pending legislative measures to continue employment for the remainder of the biennium the state highway patrolmen returning from military service.

Plumbing Waste Fittings Get Price Boost

An increase of 9 per cent over October 1, 1941, in manufacturers' ceilings for brass plumbing fixture waste fittings and trimmings has been announced by the Office of Price Administration.

Also announced were increases varying from 5 per cent to 25 per cent over October 1, 1941, in manufacturers' prices for brass plumbing fixture supply fittings and trimmings.

Resellers are required to absorb the manufacturers' increase only to the extent that their margins on these products generally are not reduced below their average operating expense rate.

The expense rate for jobbers is 20 per cent over cost, for retailers 30 per cent, and for chain stores 40 per cent.

These price actions became effective January 21, 1946.

The increase in manufacturers' prices for brass, waste fittings and trimmings represents the amount necessary under OPA's reconversion program to permit the industry to realize its average normal peace time earning rate after effect has been given to legal increases in material prices and basic factory wage rates which the industry has experienced since October 1941.

In addition to the price increases OPA also announced a profit factor of 3.7 per cent which manufacturers of brass plumbing fixture waste fittings and trimmings are to use in applying for individual price adjustment for these items.

In the case of brass fixture supply fittings and trimmings, to encourage production, greater increases were given to low-end, bulk production items, OPA said. The overall increase in manufacturers' prices, however, averages 8.8 per cent and represents the amount necessary under OPA's reconversion program to permit the industry to realize its average normal peace time earning rate after effect has been given to legal increases in material prices, and basic wage rates which the industry has experienced since October, 1941.

In addition to the price increases OPA also announced the profit factor of 5.7 per cent which manufacturers of brass plumbing fixture supply fittings and trimmings are to use in applying for individual prices adjustment for these items.

GROOVER AND I

MARCH OF DIMES

It is just ninety-nine years too early to evaluate the late Franklin Delano Roosevelt as a World Statesman or County Politician.

* * *

In one realm—high above party or politics—there is no argument. On one point, he may be given a high mark which will last as long as his memory.

* * *

With high courage and unyielding fortitude he faced a physical disaster — giving no quarter and asking none.

* * *

Mr. Roosevelt's fight against infantile paralysis will stand as a challenge to all adults, and as a high mark of inspirational hope to the stricken of any age.

* * *

The Annual March of Dimes is that weak legs may grow strong and walk.

* * *

Let your dimes be dollars. They cannot buy more—would you buy less?

V

ASME ILLUSTRATED LECTURE SET FOR JANUARY 31, 8 P. M.

Sponsored by the San Francisco Section, American Society of Mechanical Engineers, Dr. Lionel S. Marks, Professor of Mechanical Engineering, Harvard University, will present an illustrated lecture on "Jet Propulsion and Rockets" in the P. G. and E. Auditorium, 245 Market Street, on Thursday, January 31, at 8:00 P. M.

Dr. Marks has been associated with Harvard University since 1894 and taugh mechanical engineering actively until 1940 when he became Professor Emeritus. His name has become synonomous with the profession as a result of his editorship of the universally used "Marks Mechanical Engineers' Handbook".

The regular January meeting of ASME will assemble at the Engineers' Club, 206 Sansome Street, at $6:00 P. M., and dine promptly at 6:30 P. M., to be followed by the lecture in the P. G. and E. Auditorium at 8:00 P. M.

FPHA Signs Contracts With Local Builders

Contracts have been signed between the Federal Public Housing Authority and a list of building contractors located throughout the United States to expedite veterans' emergency housing for municipalities and educational institutions under provisions of the recently enacted Meade Resolution.

These contractors constitute a "task force" which will handle the movement and re-erection of quotas of temporary housing when called upon to do so for their respective localities. They were selected because of their previous experience in large-scale housing operations and because they demonstrated capacity to proceed immediately with any jobs assigned to them. The following is a list of contractors in this area with whom contracts have been signed by the FPHA:

M. & K. Corporation, Financial Center Bldg., San Francisco.

Daley Brothers, 426 Bryant St., San Francisco.

Robert McCarthy Company, 1050 Kirkham St., San Francisco.

Baruch Corporation, 625 S. Olive Street, Los Angeles.

Shumaker & Evans Constr. Co., 4007 West 6th St., Los Angeles.

Wick and Dahlgren, 2016—30th Avenue, South Seattle, Wash.

Lease & Leighland, 515 Joseph Vance Bldg., Seattle.

V

MANAGEMENT CONFERENCE SCHEDULED

The second annual Northern California Management Conference will be held Thursday, February 14, at the Palace Hotel, according to Theodore B. Lyman, Conference Secretary, 607 Matson Bldg., San Francisco 5.

The Conference theme will be "Management's New Opportunities", and speakers of national standing will deal with major current problems. Speakers and discussion leaders will shortly be announced by the Conference Committee. Conference fee, including luncheon, will be $3.50. Registration fee for morning and afternoon sessions only, $2.00. Luncheon only, $2.00.

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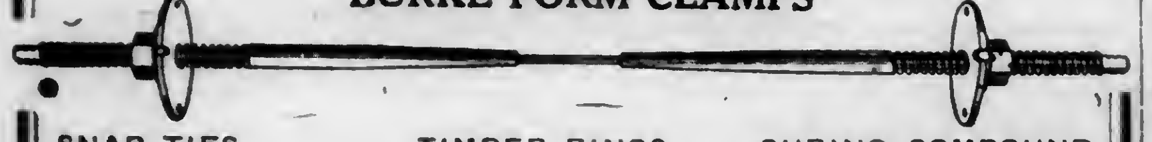

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ADVANCE CONSTRUCTION REPORTS

DAILY PACIFIC BUILDER
(Established 1890)
Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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1— APARTMENTS

January 28, 1946

PLANS COMPLETED

LOS ANGELES, Calif.—Architect Edith Northman, 410 N Larchmont Blvd., Los Angeles, has completed plans for a two-story, 36-unit apartment building to be built at 1260 N Hayworth Ave., for A. Markowitz & Sons; frame and stucco construction, shingle roofing, oak and linoleum floors, gas unit heating systems, tile baths, showers and drainboards, gas water heaters, garages, overhead doors, paving, interior plaster. The owners will build; cost, $125,000. 1

January 25, 1946

PREPARING PLANS
ALTER CHURCH Cost, $10,000
SAN FRANCISCO. 1600 Clay St.
Alterations to church and educational building.
Owner—First Methodist Church, Shirley T. Sherrill, pastor, 1600 Clay St., San Francisco.
Plans by Southern California Conference.

Funds are now being raised to finance construction.

Bids will be asked about May 1. 3

3— CHURCHES

January 25, 1946

CONTRACT AWARDED

LONG BEACH, Los Angeles Co., Calif.—Robinson-McDowell Construction Co., 1403 E. Burnett St., Long Beach, has the contract for the construction of a church building at 4375 Linden Ave., Long Beach, for the Grace Chapel, Orthodox Presbyterian Church at Carson St. and Long Beach Blvd., Long Beach; 89x97 ft. in area, frame and stucco construction, wood shingle roofing, hardwood floors, wood sash, gas heating system, toilets. The building will be partitioned into seevn rooms and office; cost, $40,000. Plans were prepared to include classrooms, kitchen, work rooms by Francis J. Heusel, architect, 730 E. 3rd St., Long Beach. 3

4— FACTORIES AND WAREHOUSES

January 28, 1946

COMPLETING PLANS

LOS ANGELES, Calif.—Architect Arthur Froelich, 367 South Robertson Blvd., Beverly Hills, is completing plans for the construction of a two-story factory and office building, 50x131ft., at 2619 S. Hill St., Los Angeles, for Adele California - David Isaacs, 818 S Broadway, Los Angeles. Reinforced concrete walls and floor, wood roof, composition roofing, steel sash, electric wiring; cost, $50,000. 4

January 28, 1946

COMPLETING PLANS

LOS ANGELES, Calif.—Architect Arthur Froelich, 367 South Robertson Blvd., Beverly Hills, is completing plans for the construction of a two-story factory building 50x131 feet, at 2621 S. Hill St., Los Angeles, for Murray Goldstein, 816 S Broadway, Los Angeles. Reinforced concrete construction, wood roof, composition roofing, cement floors, steel sash, fire doors, toilets; cost, $51,000. 4

January 28, 1946

COMPLETING PLANS

LOS ANGELES, Calif.—Architect Arthur Froelich, 367 South Robertson Blvd., Beverly Hills, is completing plans for the construction of a two-story factory building 50x131 feet, at 2615 S. Hill St., Los Angeles, for Morris Nagel, 818 S. Broadway, Los Angeles. Reinforced concrete walls and floor construction, wood roof, composition roofing, steel sash, toilets, electric wiring, fire door; estimated cost, $50,000. 4

January 28, 1946

BIDS OPENED

VERNON, Los Angeles Co., Calif.—Wm. P. Neil, Ltd., 4814 Loma Vista Ave., Los Angeles, at $79,293, submitted the low bid January 21 for the construction of a 1-story masonry and rigid steel frame industrial building (123x141 ft.) at Santa Fe Ave. and 30th St., Vernon, for the Electric Tool & Supply Co., 5136 S. Santa Fe Ave., Vernon. Plans were prepared by Architects Louis C. Dixon and Lee B. Kline, 427 Chamber of Commerce Bldg., Los Angeles.

Complete bids were:
Wm. P. Neil, Ltd., $79,293.
Stanton-Reed Co., $79,995.
Kier Construction Co., $82,872.
Buttress & McClellan, $86,152.
Engineers, Ltd., $86,897.
Wm. J. Disteil, $88,399.
A. Farnell Blair, $88,622.
R. J. Daum, $89,160.
H. Mayson, $89,500.
Harvey Nichols, $89,980.
J. & B. Construction Co., $91,391.
W. C. Smith, $93,407.
Barnes Construction Co., $98,300.
E. S. McKittrick, $101,998.
Baruch Corp., $102,938. 4

January 25, 1946

CONTRACT AWARDED

RIVERSIDE, Riverside Co., Calif.—L. P. Scherer and T. C. Prichard, 3964 Orange St., Riverside, awarded contract and will start work soon on the construction of a reinforced concrete factory building on Kansas Ave., between Massachusetts Ave. and Roberta St., Riverside, for the Colonial Radio Corp., Buffalo, N. Y., a subsidiary of Sylvania Electric Products, Inc. The building will cover an area 150x180 feet and will have concrete walls and floor, to contain 50,000 square feet of floor space; steel roof trusses, gypsum slab roofinf, steel sash, ceramic tile, lathing and plastering, asphalt tile flooring, steel toilet partitions, fire doors, acoustical ceilings, electric heating and ventilating, fluorescent lighting, automatic sprinkler system, spur track, etc. Plans were prepared by Engineers, Bowen, Rowe, Rule & Bowen, 2835 Gilroy St., Los Angeles. Bids were received January 3. 4

January 28, 1946

BIDS OPENED
WAREHOUSE
RICHMOND, Contra Costa Co., Cal. Corner Eighth and Ohio Streets.
Construction of a 3-story reinforced concrete warehouse.
Owner—Richmond Union School District, Walter T. Helms, superintendent of schools, 1108 Bissell Avenue, Richmond.
Architects—Dragon & Schmidts, 2068 Allston Way, Berkeley.
Low Bidder—Biltwell Const. Co., 4745 Geary Blvd., San Francisco, $128,277 (Alt.) ded. $3,000.

Other bidders were:

Elmer J. Freethy, El Cerrito, $131,231; (Alt.) ded. $3800.

M. J. King, Inc., San Francisco, $139,824; (Alt.) ded. $4100.

Clinton Constr. Co., San Francisco $144,000; (Alt.) ded. $4200.

Jas. I. Barnes Constr. Co., S. F., $145,300; (Alt.) ded. $4500.

Moore & Roberts, San Francisco, $145,407; (Alt.) ded. $4160.

Erbentraut & Summers, San Francisco, $151,200; (Alt.) ded. $4200

Empire Constr. Co., San Francisco, $158,640; (Alt.) $4210.

C. L. Wold Constr. Co., Ltd., San Francisco, $165,000; (Alt.) ded. $4400.

Bids under advisement until next meeting of the board February 6.

• • 4

January 25, 1946

SITES ACQUIRED

HAWTHORNE, Los Angeles Co., Calif.—L. J. Gilmeister, secretary-manager of the Chamber of Commerce, Inglewood, has announced that eight industrial firms have acquired a total of 46 acres in a 60-acre tract, bounded by Yukon Ave., 124th St. and Crenshaw and El Segundo Blvds., Hawthorne, as sites for plants for themselves. The plants and an acreage each will occupy are as follows: Central Cabinet Co., 3 acres; Mission Water Heater Co., 10 acres; Van De Kamp cold storage plant, 4 acres; Marshall Air Frame, 10 acres; Moody Mattress Co., 10 acres; Miller Foundry Co., 3 acres; Hiatt Furniture Manufacturing Co., 3 acres, and Quality Frame Co., 3 acres. 4

January 25, 1946

CONTEMPLATED
TIMBER PLANT Est. Cost, $750,000
BEND, Ore.
Construction of timber treatment plant, site area somewhere in Central Oregon. Survey now under way to determine possibilities of establishing a timber treatment plant. As alternate, it is contemplated to construct a scaling plant at an estimated cost of $30,000.
Owner — Forest Products Treating Co., The Dalles, Ore.

Business Representative George Allman and County Engineer J. I. Hess to conduct The Dalles Oregon survey.

Architect—Not announced. 4

January 25, 1946

PLANS COMPLETED

INDIO, Riverside Co., Calif.—Architect Clarence N. Aldrich, 1834 Dawson Ave., Long Beach, has completed plans for the construction of a one- and two-story warehouse building in Indio for the Massie Rock and Sand Co.; 30x125 ft. in area, reinforced concrete construction, air conditioning. It will contain display room, offices, vault, toilets, etc., on ground floor. The second floor will have apartments consisting of two units, hardwood, pine and linoleum covered floors, tile baths and showers. Bids will be received by W. E. Carter, c/o Bank of America, Indio. 4

January 25, 1946

COMPLETING PLANS

WATSON, Los Angeles Co., Calif.—Donald R. Warren Co., engineer, 500 S. Figueroa St., Los Angeles, is completng working drawings for extensions to the present transite pipe factory at 223rd St. and Alameda Blvd., Watson, Los Angeles County, for Johns-Manville, 816 W. 5th St., Los Angeles. The expansion involves an addition to a factory, 50x700 feet in area, and the construction of a warehouse building, 80x150 feet in area; steel frame construction with corrugated transite exterior, saw-tooth roof, steel sash, concrete floor, 800-foot craneway; total estimated cost, including equipment, $700,000. 4

7—FEDERAL BUILDINGS

January 28, 1946

BIDS REJECTED

SANTA ANA, Orange Co., Calif.—All bids submitted January 8 have been rejected and new bids will probably be asked by the county clerk of the County of Orange, County Courthouse, Santa Ana, for (1) furnishing of all labor and materials for the painting of the interior of the tuberculosis sanitarium and (2) for the furnishing of all labor and materials for the furnishing and laying of asphalt tile on wood floors, tuberculosis buildings, Orange County Hospital, W. Chapman Ave., Santa Ana, Orange County. 9

January 28, 1946

CONTRACT AWARDED

CHAPPO FLATS, Camp Pendleton, Oceanside, San Diego Co., Calif.—A. Farnell Blair, 7052 Santa Monica Blvd., Los Angeles, at $2,238,000, was awarded contract by the U. S. Navy, Bureau of Yards and Docks, Washington, D. C., for construction of buildings, services and paving at Chappo Flats, Camp Pendleton, Oceanside; Specification No. 17225.

The work involves construction of four storehouses, one maintenance property building, two dry storage buildings, one maintenance shop building, one motor transport shop building, one boiler house and one sales commissary building. • 7

January 28, 1946

CONTRACT AWARDED

BLACKFOOT, Idaho. — Goodwin Construction Co., Blackfoot, at $1391, submitted only bid to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for exterior painting, etc., U. S. Post Office, Blackfoot, Idaho. • 7

January 28, 1946

CONTRACT AWARDED

EVERETT, Wash.—Morgan Painting & Decorating Co., Seattle, at $4495, awarded contract by the Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting, etc., at U. S. Post Office, Everett, Wash. • 7

January 28, 1946

BIDS OPENED

ALAMEDA, Alameda Co., Calif.—Whalin Bros., 2942 23rd Ave., Oakland, at $2260 submitted low bid to the U. S. Engineer Office, 74 New Montgomery St., San Francisco, under Spec. 2134-7 for the construction of two gate houses at the Alameda AAF Intransit Depot.

Other bidders were:
Monson Bros., San Francisco, $3030.
J. Ciatti, San Francisco, $3190.
J. A. Bryant, Vallejo, $4,812.44

• • 7

8— CLUB BUILDINGS

January 28, 1946

BIDS OPENED

LONG BEACH, Los Angeles Co., Calif.—Modern Builders Construction Co., Inc., 2812 Long Beach Blvd., Long Beach, at $80,500, submitted the low bid to Kenneth S. Wing, architect, 501 Terminal Ave., Long Beach, January 23, for the construction of a recreation building (75x125 ft.) to be located at 3900-22 E. Ocean Blvd., Long Beach, for Howard E. Rogers and W. M. Gleason. The building will contain 16 bowling alleys, cafe, soda fountain, cocktail lounge, kitchen, locker rooms, manager's office.

Complete bids were:
Modern Builders Construction Co., $80,500.
Jack Burrell, $81,250.
Hal McGrew, $86,471. 8

January 25, 1946

ARCHITECT SELECTED
REMODEL HALL Est. Cost, $100,000
SEATTLE, Wash. 1316 8th Ave.
Renovate entire interior, including recreational facilities.
Owner—Loyal Order of Moose, Walter G. Leckey, secretary.
Architect—Ralph Decker & Associate J. Emil Anderson. 8

9— HOSPITALS

January 25, 1946

EXPANSION PLANNED

POMONA, Los Angeles Co., Calif.—The Pomona Valley Community Hospital, R. L. Bacon, superintendent, 1798 N. Geary, Pomona, has accepted a gift from Mr. and Mrs. Russell K. Pitzer in an amount in excess of $500,000 with which to finance a long-range program of construction at the hospital.

The program includes expansion for which the required property already has been acquired by the hospital, includes four major items. They are:

1—Improvement of the present $275,000 hospital plant, including additions to its equipment and facilities.

2—Building and equipping of a convalescent home just east of the hospital building to accommodate aged persons who require some nursing care but not full medical attention, and to accommodate convalescent patients of all ages who no longer require full hospital care, thus reducing the patient load on the hospital itself.

3—Building of a new home for nurses, which, when accomplished, will make it possible to re-establish the school for nurses; and

4—Building and furnishing of a home for the aged on the northeast portion of the hospital's property, which extends to Orange Grove Ave. This home would be for aged persons not requiring medical or hospital care, but needing pleasant living quarters and association with other people, and with ability to pay.

An architect has not been selected. 9

January 25, 1946

WORK UNDER WAY
CLINICS Cost, $155,900
TACOMA, Wash. Lakewood District, 18-acre site.
Construction of Visitation Villa, 375 ft. wide, 2600 ft. long, portion adjacent to Gravelly Lake Dr., for clinic building. Red Brick building, 1-story, approximately 85 ft. long, modified colonial architecture. To contain minor surgery, X-ray department, consultation and examination rooms, laboratory, physiotherapy department, dental clinic.
Owner—Dr. L. E. Skinner, Lakewood Center.
Architect—Not announced. 9

12— POWER PLANTS

January 28, 1946

APPLICATION APPROVED
POWER PLANT AND TRANSMISSION LINE Est. Cost, $518,698
SITKA, Alaska.
Construction, including log crib, rock filled dam, approximately 5800 ft. tunnel, steel penstock, concrete powerhouse, two 1000-kw. generators and turbines and appurtenant equipment; construction of approximately one mile transmission line and reconstruction of approximately 5½ miles transmission line. No architect or engineer has been retained. It is the intention of the Town of Sitka to employ a capable engineer and field force to do the field work and mapping and to have the dam and powerhouse designed by outside experts.
Owner—Town of Sitka, E. M. Goddard, mayor.

The FWA approved the application. Federal advance of $13,750 planning funds granted. • 12

13— PUBLIC BLDGS. FIRE HOUSES, JAILS

January 28, 1946

ADDENDUM ISSUED

STOCKTON, San Joaquin Co., Calif.—Addendum to specifications for general work for ward buildings for infirm females and for disturbed female patients at Stockton State Hospital, Stockton, has been issued to all contractors figuring the work as follows:

The Division of Architecture has been advised that shingle tile as specified under Section 11 of the specifications is not being manufactured at the present time and that manufacturers will not quote prices for future delivery. It is therefore deemed necessary to supplement the specifications by adding the attached special provisions to your copy of the specifications under Section 11, roofing work Bids shall be submitted accordingly.

Please call to the attention of any roofing subcontractors with whom you deal the contents of this notice.

Special Provisions for Sheet Metal Work, Section 11

The requirements of Section I, Parts I and II, comprising "special conditions and general conditions of the contract" apply to all work in this section.

(1) Scope of Work:

These special provisions apply to and supplement Section 11, standard specifications for "roofing work" attached hereto. Special provisions set forth herein take precedence over and shall be used in lieu of any article or part of the standard specifications, Section 11, that may conflict herewith. Additional work specified herein shall be included as a part of Section 11.

(2) Work Not Included:

Article 11-5—Shingle Tile

Contractors shall exclude from their bids the purchase price of shingle tile but shall include the cost of laying the tile as specified. The tile will be purchased by the State at the time required, if possible, and delivered to the site. The contractor shall bear all other costs in connection with roofing.

(3) Deviations From Standards:

Article 11-2—Roof Insulation

All roof areas where either tile or composition roofing is called for shall be insulated.

The 15-lb. asphalt saturated felt is not required over concrete roofs, but edges of insulation at eaves, gable ends, parapets, etc., shall be sealed with 12-in. wide strips of felt mopped half under and half over the edges of the insulation and path stripping for isolation shall be installed vertically every 30 ft. On wood sheathed roofs, the felt shall be installed by lapping and cementing the seams 3 inches and nailing sufficiently to hold same in place. Insulation over wood shall be nailed 12 inches o.c. with 1¾-in. galvanized large head roofing nails.

Concrete roofs shall be primed and the insulation shall be mopped in as speciefed.

(4) Additional Work:

None. • 13

14— RESIDENCES

January 28, 1946

PREPARING PLANS
RESIDENCE Est. Cost, $15,000
BAYWOOD, San Mateo County, Cal.
Construction of residence containing living room, dining room, kitchen, breakfast room, 3 bedrooms, 2 baths and 2-car separate garage, central air heating system located in attic, exterior stucco, roof split shapes.
Owner—Withheld.
Architect—Oscar R. Thayer, 1257 Cabrillo Ave., Burlingame. • 14

January 28, 1946

BIDS OPENED

NURSERY AND RESIDENCE
SAN FRANCISCO. Valencia St. between 24th and 25th Sts.
Construction of frame nursery and residence building.
Owner—Mrs. Lois Sharpe Knight, c/o architects.
Architects—Clarence O. Peterson and Wendell R. Spackman, 604 Mission St.
Low Bidder—A. J Hopper Co., 243 Langton St., San Francisco, $31,321.

Other bids were:

Rademann-Giusto, San Francisco, $31,499.

C. L. Wold Construction Co., Ltd., San Francisco, $32,900.

Midstate Construction Co., San Francisco, $33,483. • 14

January 25, 1946

SITE ACQUIRED

MONTEREY PARK, Los Angeles Co., Calif.—Kaiser Community Homes, Inc., Room 875 Subway Terminal Bldg., 417 S. Hill St., Los Angeles, has purchased 115 acres of land at Third and Garfield Sts., Monterey Park, as a site for a 500-home private housing project for themselves; total estimated cost, $2,500,000. Design and construction of the individual units will be done by the owner's forces. 14

January 25, 1946

PLANS BEING FIGURED

LAKE HUME, Calif. — Architect Frederick Monhoff, 2401 Wilshire Blvd., Los Angeles, has completed plans and is taking general contract bids for a mountain camp for boys at Lake Hume for Camp Roosevelt, **Inc. The camp consists of 22 small** buildings and a larger mess hall **building, together with utilities and** athletic facilities. The construction of the small buildings could be done preferably by a prefabricated panel system of the contractor's own design. The buildings will have shingle roofs; mess hall to have wood roof trusses, concrete slab floor, oil-fired heating, rock work; total estimated cost, $100,000. 14

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Ward Buildings Stockton State Hospital	Stockton	1-29
Buildings and Utilities Spec. 17379, NOy 13211	Inyokern	2- 5
Warehouse California Natural Guard	Sacramento	2- 5

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Ward Bldgs., Stockton State Hosp., Stockton; Bids open Jan. 29, 2:00 P. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).
Empire Constr. Co., Ltd., 344 Harriet St., San Francisco (HEmlock 3400)
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)

Conversion Bldg., No. 401, S. F. Naval Shipyard, San Francisco; Bids open January 31, 11 A. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
A. Farnell Blair, 9 Main Street, San Francisco (YUkon 0390).
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).

Laboratory Bldg., Moffett Field; Bids close January 30, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
Carl N. Swenson Co., 355 Stockton Ave., San Jose (BAllard 2602).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054).
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
M. J. King, Inc., 231 Franklin Street, San Francisco (UNderhill 8209).

Bldgs., Services, Reserve Fleet Berthing, Mare Island; NOy 13295; Spec. 17459; Bids open February 1, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Peter Kiewit Sons Co., 441 Post St., San Francisco (EXbrook 5736).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).

Expansion Sheet Metal Shop, Etc., S. F. Naval Shipyard; Spec. 17230; Bids open February 7, 11 A. M.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).

Store Bldg., Railroad Ave. and E 7th St., Pittsburg; Bids open Feb. 9, 11 AM
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Louis C. Dunn Co., 799 Monadnock Bldg., San Francisco (YUkon 1471)
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).

Motel Buildings, Oakland; Bids open January 31, 3 P. M.
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
G. W. Williams Co., 10 California Drive, Burlingame (Burl 4-1796)

Candy Factory, Ocean Ave. near 19th Ave., S. F.; Bids open Feb. 4, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

Tulana Farms Grain Elevator, Worden, Ore.; Bids lpen Feb. 14, Noon.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

Tank Truck Loading Fac., Standard Oil, Richmond; Bids open Feb. 18, Noon
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980

Bldgs., Paving and Utilities, U. S. Navy Sta., Inyokern; Spec. 17379; NOy 13211; Bids open February 5, 2 P. M.
Johnson, Drake & Piper, Inc., 1736 Franklin St., Oakland (GLencourt 8011). Bids due in Oakland office February 2).

Haddock-Engineers, Ltd., P. O. Box 479, Oceanside.
Factory Bldg., Penetrators Syphon Co., Dixon; Bids open Feb. 4, 2 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)

Foster Weeks Store & Apts., Grand Ave., Oakland; Bids open Feb. 4, 3 PM
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).

CONTRACTORS . . .
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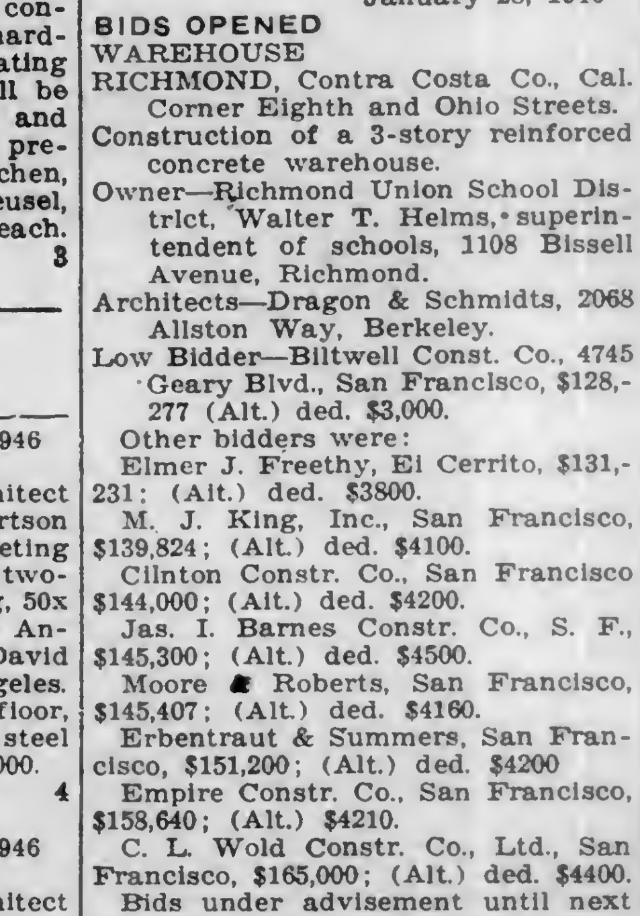

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ADVANCE CONSTRUCTION REPORTS

15— SCHOOLS

January 28, 1946

PREPARING PRELIMINARY PLANS

SCHOOL FACILITIES

Estimated Cost, $604,980

OAKDALE, Stanislaus County, Calif.

Enlargement of high school campus to include land for play areas, remodel and modernize classrooms, gymnasium and shops to provide new academic building, boys' gymnasium, swimming pool, additional shops, cafeteria building, tennis courts, basketball courts, bleachers and track house with public lavatories in stadium and the necessary extension of services, sewers, landscaping, etc. The total floor aera of the buildings will cover approximately 74,000 square feet.

Owner — Oakdale Joint Union High School District of Stanislaus County, R. F. Carpenter, clerk.

Architect—Johnson & Mayo, 307 Exchange Bldg., Stockton.

The school district voted bonds January 22 in amount of $600,000 to finance the construction. • 15

January 28, 1946

FUNDS AWARDED

PASO ROBLES, San Luis Obispo Co., Calif.—G. Dale Price, President, Board of Trustees, Paso Robles Union Elementary School District, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of Federal Works Agency, Berkeley, that funds to the amount of $2330 will be furnished the school district for the purpose of assisting in the preparation of plans for construction of a cafeteria of approximately 4,000 sq. ft., boys' shower room and additional sanitary facilities in the present school. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $55,800, to be furnished from general obligation bonds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

Wright L. Felt, located at Los Angeles, is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Southern California. The architect for the school district has not yet been selected.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 15

January 28, 1946

FUNDS AWARDED

PASO ROBLES, San Luis Obispo Co., Calif.—George Parker, President, Board of Trustees, Paso Robles Union High School District, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, that funds to the amount of $2750 will be furnished the school district for the purpose of assisting in the preparation of plans for the construction of a cafeteria to seat 200 pupils, approx. 2500 sq. ft. floor area, and the construction of music building, including practice rooms, wit happrox. 1500 sq. ft. floor area and the renovation and remodeling of the shower rooms and shop buildings at the Paso Robles Union High School. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $70,000, to be furnished from general obligation bonds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

Wright L. Felt, located at Los Angeles, is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Southern California. The architect for the school district has not yet been selected.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 15

January 28, 1946

BIDS WANTED

SAN FRANCISCO.—Until January 30, 2:30 P. M., informal emergency bids will be received by the Department of Public Works, Room 282, City Hall, for gas burner equipment for present boilers at Galileo High School.

Plans and specifications obtainable from the office of City Architect Dodge A. Riedy, Room 265 City Hall, upon deposit of $5. • 15

16— BANKS, STORES AND OFFICES

January 28, 1946

PLANS COMPLETED

STORE BUILDING

Estimated Cost, $40,000

MILLBRAE, San Mateo County. El Camino Real.

Construction of a two-story store building, front with plate glass show window extending to ceiling of second floor.

Owner—Peninsula Furniture Co.

Architect — Oscar R. Thayer, 1257 Cabrillo Ave., Burlingame, Calif.

Structural Engineer—John A. Blume, 68 Post St., San Francisco. • 16

January 28, 1946

PREPARING PLANS

COCKTAIL BAR

SAN FRANCISCO. 126 Ellis St.

Construction of a modern cocktail bar, lounge and restaurant.

Owner—Withheld.

Architect — Oscar R. Thayer, 1257 Cabrillo Ave., Burlingame, Calif.

Structural Engineer—John A. Blume, 168 Post St., San Francisco. • 16

January 28, 1946

PLANS COMPLETED

SHOP

BELMONT, San Mateo Co., Calif. Harbor Blvd.

Construction of one-story shop building (60x100-ft.) spanned by steel trusses, front and offices stucco, composition built-up roof.

Owner—Withheld.

Architect—Oscar R. Thayer, 1257 Cabrillo Ave., Burlingame.

Structural Engineer—John A. Blume, 68 Post St., San Francisco. • 16

January 28, 1946

PREPARING PLANS

MARKET BUILDING

SAN FRANCISCO. Arguello Blvd.

Construction of a market building (50x100-feet) spanned by steel trusses, floor tile, front elevator, tile, plate glass and stucco.

Owner—Withheld.

Architect—Oscar R. Thayer, 1257 Cabrillo Ave., Burlingame.

Structural Engineer—John A. Blume, 68 Post St., San Francisco. • 16

January 28, 1946

PREPARING PLANS

LOS ANGELES, Calif.—Architects Norstrom & Anderson, Chamber of Commerce Bldg., Los Angeles, are preparing working drawings for the construction of a two-story reinforced concrete office, factory and loft building at the southeast corner of 18th St. and Hill St., Los Angeles for the Etco Corp., 762 E Pico Blvd., Los Angeles; 101x146 ft. in area, composition roofing, steel sash, concrete floors, asphaltic tile and terrazzo covering, hardwood trim, plastering, painting, plumbing, venetian blinds, steel rolling doors, elevator. 16

January 25, 1946

CONTRACT AWARDED

CLINIC-PUBLISHING PLANT

Cost, $155,900

VANCOUVER, Wash. 535 Fifth St.

Construction of masonry concrete block 1-story, 90x93, with full basement. Reinforced concrete, slab floor, wood, marble and brick, hot water panel, heating, air conditioning facilities and built-up roof, asphalt tile floors in newspaper offices and terrazzo floor in clinic, which also will have ceramic tile on walls.

Owner—K. P. Jackson, Bremer Bldg.

Architect—B. H. Branch, 2616 E. 11th.

Contractor—John H. Sellen Construction Co., 228 19th Ave. N., Seattle. 16

January 25, 1946

PREPARING PLANS

COCKTAIL LOUNGE

Estimated Cost, $100,000

YAKIMA, Wash. 13 S. First St.

Remodeling building inside and out for deluxe cocktail lounge or tavern; complete new fixtures, etc.

Owner—Golden Wheel Restaurant Co. (Chinese ownership).

Architect—Not announced.

Bids to be taken by owner soon. 16

January 25, 1946

PRELIMINARY PLANS COMPLETED

SHOPS

SEATTLE, Wash. 4th and Mercer Way.

Construction of bowling alley, coffee and print shop, masonry and concrete construction, long span steel girders and posts, concrete slab, 2-story, 120x180; parking on roof, interior walls wood, plaster, paint, formica, combination type heating systems. Building will also contain a print shop.

Owner—Queen City Recreation, Newton Ralls and Jack Rasso, managers.

Architects — Thomas, Grainger & Thomas, Arcade Bldg. 16

January 25, 1946

PLANS BEING FIGURED—BIDS OPEN FEBRUARY 8

NEWSPAPER BUILDING

Estimate Cost, $100,000

ANCHORAGE, Alaska.

Construction of 3-story reinforced concrete newspaper building..

Owner—Anchorage Times, Bob Atwood, publisher.

Architect—William Manley, Anchorage.

Plans were recently revised and new bids asked. 16

January 28, 1946

CONTRACT AWARDED

ALTER STORE

OAKLAND, Alameda County, Calif. Washington and 11th Sts.

Alterations to building to prepare for installation of esculator.

Owner—Hale Bros., Washington and 11th Sts.

Architect—Wm. G. Merchant ,57 Post St., San Francisco.

Contractor — Dinwiddie Construction Co., 210 Crocker Bldg., San Francisco. • 16

January 28, 1946

BIDS TO BE OPENED FEB 9, 11 A. M.

STORE BUILDING

Approximate Cost, $100,000

PITTSBURG, Contra Costa Co., Calif. Railroad Ave. and E. 7th St.

Construction of new corner store building (100x101 ft.); alter exterior walls of adjacent building (25x100 ft.), and construction of new adjoining building (50x180 ft.), all construction to be steel frame and reinforced concrete.

Owner — Camillo Lamzafame, c/o architect.

Architect—Philip D. Tomasello, Room 305, 605 Washington St., San Francisco.

The following contractors have taken out plans:

Stolte, Inc., 8451 San Leandro St., Oakland.

De Luca & Son, 1745 Filbert St., San Francisco.

Howes & Whitaker, 626 Russ Bldg., San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco.

S. J. Amoroso Construction Co., 2100 Oakdale Ave., San Francisco.

Clinton Construction Co., 923 Folsom St., San Francisco.

Louis C. Dunn Co., 799 Monadnock Bldg., San Francisco.

Erbentraut & Summers, 446 Sixth St., San Francisco.

Horace J. Siino, 23 W. 7th St., Pittsburg.

G. E. Seeno & Sons, 150 E. 2nd St., Pittsburg. • 16

January 28, 1946

BIDS UNDER ADVISEMENT

ADDITION

SAN FRANCISCO. Administration Bldg., Golden Gate Bridge.

Alterations and one-floor addition over portion of present building.

Owner—Board of Directors, Golden Gate Bridge and Highway District, c/o James Rickett, general manager.

Structural Engineer—L. H. Nishkian, 1045 Sansome St.

Bids opened January 11 and published in DAILY PACIFIC BUILDER, issue of January 14, are being held under advisement until the next meeting of the board on February 14. • 16

January 28, 1946

CONTRACT AWARDED

STORE BUILDING

Contract Price, $57,800

SAN JOSE, Santa Clara Co., Calif. S. First St.

Construction of one-story and part mezzanine concrete store building (90 ft. front, 160 ft. deep), concrete walls and floors, steel trusses, built-up roof, etc.

Owner—Richard Hartman.

Architect—Higgins & Root, Security Bldg., San Jose.

Contractor—Earl W. Heple, 494 Delmas Ave., San Jose. • 16

17— THEATERS

January 28, 1946

CONTRACT AWARDED

THEATER Est. Cost, $750,000

SAN FRANCISCO. Geary St. and 1st Ave.

Construction of reinforced concrete and structural steel theater and recreation building (250x200 ft.), to contain stores, bowling alley and theater seating 1400.

Owner—San Francisco Theaters, Inc., 995 Market St., San Francisco.

Architect — A. R. Walker & Associates, 530 W. 6th St., Los Angeles.

Contractor—Cahill Bros., 206 Sansome St., San Francisco. • 17

19—MISC. CONSTRUCTION

January 25, 1946

EXPANSION PLANNED

TRONA, San Bernardino Co., Calif. —The American Potash & Chemical Corp., Trona, has announced an improvement program at the corporation's village in Trona to cost an estimated $1,000,000. The program, which will start as soon as materials and labor are available, includes the construction of new buildings, expanded recreational facilities, added conveniences for the residents and more beautiful surroundings.

The program is broken down into three one-year plans, Walter J. Metzger, manager of the Trona company, announced. Among the improvements tentatively slated for completion the first year are a new $8500 engine house for the Trona fire department which will house two pieces of equipment, and a $140,000 furnished apartment-hotel for women to contain approximately 45 housekeeping apartments for single and double occupancy.

Other plans which are listed on the first-year program are a $110,000 building which will contain a theater and three stores; an addition to the Trona department store to provide space for additional goods, estimated cost, $10,000; remodeling of Austin Hall to convert present theater space into refrigerated and dry storage space at a cost of $65,000. 19

January 25, 1946

PLANNED

PHOENIX, Ariz.—Central Arizona Light & Power Co., E. H. Coe, president, Phoenix, Ariz., has reported plans for the construction of additional power facilities at Phoenix, Ariz., calling for expenditures of approximately $1,000,000. Pinas call for construction of the following projects:

(1) electric line and gas extensions, meters and transformers, $400,000
(2) new substation at 40th and Van Buren Sts., 10,000 kva. capacity, $49,000;
(3) new substation at 2nd and Roosevelt Sts., 3000 kva. capacity, and addition of 2000 kva. transformer at 16th St. substation, $45,000;
(4) new 12,000-volt feeder line from steam electric station to Six Points, $12,000;
(5) new 60,000-volt line connecting existing Sycamore line with lines to be constructed along U. S. Highway 89, $119,000;
(6) replace existing small conductors with heavier copper, $32,000;
(7) miscellaneous construction and new Glendale substation, cost not estimated. 19

January 28, 1946

CONTRACT AWARDED

MORTUARY Approx. Cost, $119,000

BURLINGAME, San Mateo County, Calif.

Construction of one- and part two-story mortuary with reinforced concrete exterior walls and interior wood studding partitions.

Owner — Crosby-N. Gray & Co., 23 California Dr., Burlingame.

Architect—Richard M. Bates Jr., 950 Baileyane Rd., Hillsborough.

Contractor—G. W. Williams Co., 10 California Dr., Burlingame. • 19

20— MISC. SUPPLIES AND MATERIALS

January 28, 1946

BIDS OPENED

SACRAMENTO, Cal.—The following submitted bids to the State Purchasing Agent, Sacramento, for materials as follows:

QUO. 31868; Req. 3801:

George M. Philpott Co., Gardner-Denver S-45, $170; 1 day net.

Coast Equip. Co., Worthington WJ-55, $178; 3 days net.

Worthington Pump & Mchy. Co., Blue Brute WJ45, $190; 2 days net.

Western Machinery, CHGO pneu. CP-32, $175; 2 days; no disc.

Sullivan Mchy., Class L-47, $190; 1 day net.

Moore Equip. Co., JB-4, $190; immediate delivery; disc. ½ of 1% 30 days.

The Rix Co, Cleveland H-10, $190; 1 day net.

Weaver Tractor, Sullivan L-47, $190 60 days net.

QUO. 29245; Req. HS11151 Trailers:

Liberty Trailer Sales, Los Angeles, 50 only Liberty models 27, $2783; each disc. 5% 30.

Peter Trailer Co., North Sacramento, 1 Schult tandem, $2695 ea; 2 Platt tandem, $2999 each; 1 Indian, single axle, $2227.56 each; 1 1944 National, single axle, $2250 each.

Spencer Trailer Sales Co., Masterbuilt M50, single axle, $1584.02; Columbia, single axle, $1674.38; Curtis Wright, 2 axle, $2395.43; Travelite Homette, 2 axle, $2957.46; Liberty Coach, 2 axle, $2679.00; Pan American MDL 227, 2 axle, $2488.43. All less $20 each for permanent bed, all less $27.50 ea for divan bed, all less $42 each for range; deduct $60 each if del. taken at factory in Los Angeles.

QUO. 31542; Req. E47537:

Rockaway Quarry Co., $2.25.

Macco Const. Co., $3.25; 10c ton 10th.

Golden West Quarry Co., $3.00.

QUO. 31305; Req. 24098:

California Toro Co., San Francisco, single front and single real tires, $1379.60 each, total, $6898; for single front and dual rear tires, $1436.60, total, $7183. Toro Bullet Tractor; 30 days; no disc.

Buran Equip. Co., AC-MLD B MDL E engine, front tires 400x15, rear tires and 9-24 traction grip tread, price $885 each, total $4425; 100 day delivery; 2% disc. 30.

Coast Equip. Co., 9-24 4-ply rear tires, 400x15 4-ply front tires, $1050 each, total $5250; bidding on Case MDL VA-1, del. one in 2 weeks, balance in 90 days; net.

QUO. 31304; Req. 3781:

California Toro Co., single front and single rear tires, $1379.60 each; single front and dual rear tires, $1436; Toro Bullet Tractor; 30 days; no disc.

Capital Tractor Co., MDL B-AC, $855 each; 4 months del.; no dis.

Coast Equipment Co., Case MDL VA-1 9-24, 4-ply rear, and 400x15 4-ply front tires, $1050 each; 90 day delivery; net. • 20

January 28, 1946

BID OPENED

SAN FRANCISCO. — Bethlehem-Pacific Coast Steel Corp., at (1) $1770 each and (2) $750 each, submitted only bid January 25 to M. H. Gerry, purchaser of supplies, 270 City Hall, San Francisco, under Inv. No. 3454 for furnishing and delivering to Riverbank, Calif., one 44-ft. and four 50-ft. steel towers for Hetch-Hetchy system. • 20

BIDS OPENED

SAN FRANCISCO. — Dan Politco, at $82.50 each, submitted low bid January 25 to M. H. Gerry, purchaser of supplies, 270 City Hall, San Francisco, under Inv. No. 3464 for furnishing and delivering armatures.

Other bidders were:

Roebling Sons, $84.50 each.

National Electric Coil Co., irregular bid. • 20

January 28, 1946

BIDS OPENED

SAN FRANCISCO. — West Coast Linoleum & Carpet Co., at $2.55 sq. yd., ⅛-in. laid cement; $2.80 sq. yd. ⅛-in. felt and cement; $2.70 sq. yd. ⅛-in. marbleized laid cement; $2.95 ⅛-in. marbleized felt and cement, and $.15 sq. yd. for removal of old linoleum, submitted only bid January 25 to the purchaser of supplies of the City and County of San Francisco, Room 270 City Hall, for furnishing and delivering linoleum for various city departments and institutions for the term March 1, 1946, to August 31, 1946. • 20

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Waterworks 33
Parks and Playgrounds 34
Tunnels 35

21— BRIDGES

January 28, 1946

CONTEMPLATED

ORANGE COUNTY, Calif.—Orange County Board of Supervisors has adopted a resolution instructing the superintendent of highways to request the California Highway Commission to begin studies on plans for a high level bridge across Upper Newport Bay, near Highway 101A, Orange County. 21

22— DREDGING, HARBOR WORKS, EXCAVATION

January 25, 1946

TO ASK BIDS

CENTRAL VALLEY PROJECT, Friant, Calif.—The Bureau of Reclamation, Region 2, Sacramento, has reported that a call for bids will be issued during January for the construction of the next 8.5-mile stretch of the Friant-Kern Canal, Friant Division, Central Valley Project, California. An additional bid call is expected before March 1 covering work that will extend the canal beyond the Kings River to the Kaweah River, a total distance of some 75 miles from Friant Dam. Congress has made available $12,920,000 for the work; total cost is estimated at $37,000,000. When completed, the canal will be 160 miles in length, have a capacity of 4000 second feet and will carry Millerton Lake water from Friant Dam to Tulare and Kern counties to supply water deficiency areas. 23

January 28, 1946

CONTRACT AWARDED

SAN FRANCISCO, Calif.—M. B. McGowan, Inc., 625 Market St., at (a) $2.76 lin. ft., (b) $2.76 lin. ft., (c) $2.76 lin. ft., awarded contract by Board of Park Commissioners, Paul N. Moore, secretary, McLaren Lodge, Golden Gate Park, for replacement of piles at Yacht Harbor, San Francisco. • 22

25—MACHINERY AND EQUIPMENT

January 28, 1946

LOW BIDDERS

BOULDER CANYON PROJECT, Arizona - California - Nevada. — The following submitted bids to the office of the Bureau of Reclamation, Denver, Colo., under Spec. No. 1141 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars Boulder City, Nev., at the option of the bidder, ventilating and air-cooling equipment for installation in Boulder power plant, Boulder Canyon Project:

Hendrie Bolthoff Manufacturing & Supply Co., Denver, Sched 1, Items 1 through 8, $2973, f.o.b. Lacrosse, Wis.; terms 2 per cent 10 days. Sched. 2, Item 9, $45.50, f.o.b. Buffalo, N. Y.; terms net.

Hugh Robinson & Sons, Los Angeles, Sched. 1, Items 1 through 8, $4212, f.o.b. Los Angeles. Sched. 2, Item 9, $65, f.o.b. Boulder City; terms net. • 25

January 28, 1946

BIDS WANTED

POMONA, Los Angeles Co., Calif. —Until Jan. 29, 12 noon (to be opened at 2 P. M.), bids will be received by the city council of the city of Pomona, Mr. Doramus, city clerk, City Hall, 250 W 4th St., Pomona, for furnishng one 1000-gal. triple combination pumping engine and tanker fob Pomona, delivery to be made in 180 days. Certified check for 10% to accompany bids. Specifications available from the office of the city clerk. • 25

January 28, 1946

BIDS WANTED

RIVERSIDE, Riverside Co., Calif. —Until Feb. 11, 2 P. M., bids will be received by G. Albert Mills, city clerk of the City of Riverside, for furnishing to the fire department of the city the following equipment: one or more, not to exceed three, fire engines, pumper type, 750-gal. capacity, fob Riverside

Specifications on file in the office of the city clerk, room 1, City Hall, Riverside. Additional particulars may be obtained from the Fire Chief, Central Fire Station, 3381 8th Street, Riverside. • 25

January 28, 1946

BID OPENED

LOS ANGELES, Calif. — Kelman Electric & Manufacturing Co., at (1) $2613, (2) $35, submitted the only bid to the Los Angeles Water and Power purchasing agent, Room 1202, 311 S. Spring St., Los Angeles, for (1) two 2000 ampere, 7500 volt, 150,000 kva. oil circuit breakers and (2) one tank lifter; Spec. No. 9191. • 25

January 28, 1946

BID OPENED

LOS ANGELES, Calif. — Kelman Electric & Manufacturing Co., at (1) $35,408, submitted only bid to the Los Angeles Water and Power purchasing agent, Room 1202, 311 S. Spring St., under Spec. 9199, for four 35,500 - volt, 1200 - ampere, 60 - cycle, 1,500,000 kva. interrupting capacity, 5 cycles, truck mounted, 3-pole, power-operated oil circuit breakers, including oil. • 25

January 28, 1946

CONTRACTS AWARDED

VALLEJO, Solano Co., Calif.—The following contracts were awarded by the City of Vallejo, city clerk's office, City Hall, Vallejo, for furnishing the following pumping equipment for the Gordon Valley pump line in Solano County:

(1) one pump and motor with starter for pumping 4050 g.p.m., 294 ft. total dynamic head;
(2) one pump and motor with starter for pumping 4400 g.p.m., 40 ft. total dynamic head;
(4) one ⅓ h.p. air compressor and 5000-gallon horizontal pneumatic pressure tank for 75 lbs. working pressure;
(5) one manual control chlorinator;
(6) one chlorine platform scales, 1000 lbs. capacity;
(7) two Venturi recording meters for measuring water from 4.5 to 7 NGD;
(8) two 24-inch gate valves, water works pattern, hub-ended type.

Fairbanks-Morse & Co., San Francisco, $4338.65 (1); $123.40 (3).

De Laval Steam Turbine Co., San Francisco, $1727 (2).

Wallace & Tiernan Sales Corp., San Francisco, $1878.50 (5) and (6).

Fred W. Kolb, San Francisco, $2532 (7).

Rensselaer Valve Co., San Francisco, $1421 (8).

No bids were received on item (4). • 25

January 28, 1946

BIDS WANTED

RENO, Washoe Co., Nev. — Until February 20, 10 A. M., bids will be received by the Board of County Commissioners, E. H. Beemer, county clerk, Courthouse, Reno, for one 1946 touring sedan not to exceed $1600 in price, delivered in Reno.

Specifications obtainable from the above office. • 25

January 28, 1946

CONTRACT AWARDED

VALLEJO, Solano Co., Calif.—Nick Hemminga, 627 38th Ave., San Francisco, at $595, awarded contract by the Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for office enclosures at U. S. Post Office, Vallejo. • 25

January 28, 1946

NOTICE OF SALE

SAN FRANCISCO—Until February 6, 10 A. M., bids will be received by the Navy Department, Material Redistribution and Disposal Office, 785 Market St., San Francisco 3, under Sales Catalog No. B-264-46 for Lot No. 1, 950 ft. electric cable, marine, FCOP-4, flexible, oil-resisting, 2- and 4-conductor, new, condition good, at Navy Inspector's Office, Curtola Marine Ways, 1051 19th Ave., Oakland. • 25

January 28, 1946

NOTICE OF SALE

SAN FRANCISCO—Until February 6, 10 A. M., bids will be received by the Navy Department, Material Redistribution and disposal Office, 785 Market St., San Francisco 3, under Sales Catalog No. B-263-46 for miscellaneous thimbles, "U" bolts and clamps, wire rope lifting slings, sockets and galvanized caps, at Naval Supply Depot, Stockton, Calif., Bldg. No. 1002. • 25

January 28, 1946

BIDS REJECTED

CENTRAL VALLEY PROJECT, California.—The Bureau of Reclamation, Custom House, Denver, Colo., has rejected all bids under Spec. 1116, received December 17, for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Redding, Calif., at the option of the bidder, four motor-driven gate hoists for operating the 50- by 50-ft. regulating gates to be installed in the spillway at Keswick Dam, Kennett Division, Central Valley Project, California.

The work will be readvertised soon. • 25

January 25, 1946

BIDS WANTED

LOS ANGELES, Calif.—Until Feb. 15, 2 P. M., bids will be received by the Los Angeles Water and Power purchasing agent, Room 1202, 311 S. Spring St., for (1a) one 200-gallon per minute condenser sump pump unit; one 200-gallon per minute valve chamber sump pump unit; one 250-gallon per minute steam generator sump pump unit; one 1500-gallon per minute steam generator pit unwatering pump unit, and (1b) spare parts

January 28, 1946

BIDS OPENED

SAN FRANCISCO. — White Motor Co., at $13,678 each, f.o.b. San Francisco, submitted low bid January 25 to the purchaser of supplies of the City and County of San Francisco under bid No. 3446 for furnishing and delivering to the Municipal Railway garage, 24th and Utah Sts., San Francisco, ten (10) 44-passenger motor coaches.

Twin Coach Co., at $15,058.30 each, submitted only other bid. • 25

January 28, 1946

BIDS OPENED

SAN FRANCISCO.—Fred W. Kolb, Monadnock Bldg., at $3236.95, submitted low bid January 25 to M. H. Gerry, purchaser of supplies, 270 City Hall, San Francisco, under Inv No. 3458 for furnishing and delivering to Millbrae, Calif., one Venturi meter for 44-inch pipe for the San Francisco Water Department.

Simplex Valve & Meter Co., C. F. Noel, representative, at $7933.50 (alt. bid) $6324.25, submitted only other bid. • 25

26— RAILROADS

January 28, 1946

CONTRACT AWARDED

INYOKERN, Kern Co., Calif.—H. B. Nicholson, 1511 S. Broadway, Los Angeles, at $213,658, awarded contract by the U. S. Navy, Bureau of Yards and Docks, Washington, D. C., for the construction of spur trackage, China Lake to K-2 Plate Range, at the Naval Ordnance Test Station, Inyokern, Calif.; Spec. No. 17372, NOy 13203. •

29— STREETS AND HIGHWAYS

January 25, 1946

PREPARING PLANS

ALHAMBRA, Los Angeles Co., Calif.—W. M. Jarrett, city engineer, Alhambra, has announced that plans are being prepared for the resurfacing of 29 miles of city streets with 1½-inch surfacing. The program is expected to be launched in the spring and the entire job completed in a year if labor and materials are available. The project will be financed with a three-year accumulation of county gasoline tax funds. 29

January 28, 1946

BIDS WANTED

PORTLAND, Ore.—Until February 6, 10 A. M., bids will be received by FWA, PBA, W. H. Lynch, division engineer, 808 Bedell Bldg., Portland, for furnishing materials and labor for constructing Oregon Forest Highway Project 10-D1,E, grading, surfacing, bituminous surfacing, Oregon Coast Highway, Siskiyou National Forest, Curry County, Ore.

Quantities: 33 acres clearing; 21 acres grubbing; 690,000 cu. yds. unclassified excavation; 4,000,000 sta. yds. overhaul (1000 ft. free haul); 20,000 cu. yds. mile special overhaul of borrow (1000 ft. free haul); 13,000 cu. yds. crushed gravel or crushed stone base course; 4600 cu. yds. crushed gravel or crushed stone surface course; 1800 cu. yds. class A pavement; aggregates for surface treatment; 238 tons asphalt; 565 cu. yds. concrete, class A; 64,300 lbs. reinforcing steel; 115 cu. yds. cement rubble masonry; 2225 ft. reinforced concrete culvert pipe; 1000 cu. yds. loose riprap; 12 acres furnish plant, small items of work.

Specifications obtainable from the above office. • 29

January 28, 1946

CONTRACTS AWARDED

STATE OF WASHINGTON.—The following contracts were awarded by Clarence B. Shain, director of highways, at Olympia, Wash., for:

Whatcom County—Grading, surfacing, constructing bituminous surface plant mix type-class F on approaches to Nugent's bridge over Nooksack River, constructing reinforced concrete pile and slab bridge approaches to Nugent's bridge and constructing a reinforced concrete flat slab bridge over overflow channel of Nooksack River on 0.587 mile of primary state highway No. 1 (Austin Pass branch) in Whatcom County, Federal Aid Project No. F-202(5), involving about 24,720 cu. yds. of unclassified excavation, 3350 cu. yds. of selected roadway borrow, 850 cu. yds. of screened gravel surfacing, 8 tons of bituminous cement MC-2, 800 tons of bituminous mixture plant mix type class F, 1573 lin. ft. of beam guard rail, 777 lin. ft. of culvert pipe, 690 cu. yds. of concrete class A, 876 lin. ft. of reinforced concrete bridge railing, 140,000 lbs. of steel reinforcing bars, 5500 lin. ft. of pre-cast concrete piling and other items.

Contract awarded low bidder:

C. E. Croy, 3018 Lakeway Dr., Bellingham, $94,684.

Second and third low bidders:

C. Vincent Wilder, 2006 State, Bellingham, $95,663.

M. P. Manter, 1427 Vance Bldg., Seattle, $117,214.

Yakima County—Grading and constructing two reinforced concrete slab bridges and one reinforced concrete T-beam bridge on 2.355 miles of primary state highway No. 5 (White Pass branch), Summit to Dog Lake, in Yakima County, Federal Aid Project No. F-211(10), involving about 23.2 acres of clearing, 11.4 acres of grubbing, 22,680 cu. yds. of common excavation, 105,630 cu. yds. of solid rock excavation, 274 cu. yds. of concrete class A, 147 cu. yds. of concrete class B, 33 cu. yds. of concrete class C, 91,000 lbs. of steel reinforcing bars, 1441 lin. ft. of culvert pipe and other items.

Contract awarded low bidder:

Strong & Macdonald, Inc., 4045 Ruston Way, Tacoma, $177,902.

Second and third low bidders:

K. L. Goulter Co., 3419 16th W., Seattle, $180,801.

C. E. Oneal Co., Inc., 209 Elliott, Ellensburg, $187,782.

Clallam County—Grading, surfacing, constructing light bituminous surface treatment, constructing a reinforced concrete bridge 132 ft. long on 9.4 miles of primary state highway No. 9, Beaver to junction secondary state highway No. 9-B in Clallam County, Federal Aid Project No. F-170(9), involving about 6.7 miles of celaring, 11.0 acres of clearing, 7.4 acres of grubbing, 28,470 cu. yds. of unclassified excavation, 23,540 cu. yds. of selected roadway borrow, 24,030 cu. yds. of crushed stone surfacing, 2500 cu. yds. of crushed cover stone, 2020 cu. yds. of crushed mineral aggregate, 293 tons of bituminous cement MC-2, 245 cu. yds. of concrete class A, 35 cu. yds. of concrete class B, 67,000 lbs. of steel reinforcing bars, 487 lin. ft. of culvert pipe.

Contract awarded low bidder:

Guy J. Norris, 1411 4th Ave. Bldg., Seattle, $143,483.

Second and third low bidders:

Peter Kiemit Sons Co., 1403 W. 45th, Seattle, $156,484.

Rush & Baird, 1411 4th Ave. Bldg., Seattle, $159,647. • 29

January 28, 1946

CONTRACT AWARDED

LOS ANGELES, Calif.—R. A. Wattson Co., 5528 Vineland Ave., North Hollywood, at $13,537.51, awarded a contract by the Los Angeles Board of Public Works, 153 City Hall, Los Angeles, January 23, for the improvement of Slymar Ave., from Valleyheart Dr. to Millbank St., by grading, paving with rock and oil and installation of curbs, gutters and sidewalks. • 29

January 28, 1946

BIDS REJECTED

HELENA, Mont. — The Montana State Highway Commission, Howard W. Holmes, state highway engineer, Helena, Mont., has rejected all bids received January 23 for the construction of Project FAS 102J (1), grading, draining and surfacing of three miles of the Flathead Lake-East Shore Rd. in Lake County, Montana. Nyberg Construction Co., Yardley, Wash., and Morrison-Knudsen, Inc., Seattle, Wash., submitted the only two bids.

No bids were received for the construction of the other eight projects. • 29

January 28, 1946

REJECTION OF BIDS RECOMMENDED

SAN FRANCISCO. — The Public Roads Administration, Chas. C. Morris, division engineer, 720 Phelan Bldg., San Francisco, has recommended the rejection of all bids received for the construction of 0.074 mile of Project Calif. FH-93-B, Salmon River, Klamath National Forest, Siskiyou County.

The work involves:

(1) extra and miscellaneous force account work, $250;
(2) lump sum, removal and disposal of existing timber;
(3) 175 cu. yds. unclassified excavation for structures;
(4) 217 cu. yds. concrete, class A;
(5) 11 cu. yds. concrete, class YY;
(6) 32,500 lbs. reinforcing steel;
(7) lump sum, government furnished structural steel erected;
(8) lump sum, concrete filled steel grid bridge floors;
(9) lump sum, clean and paint existing structural steel.

Fred J. Maurer & Son, 3031 E St., Eureka, Calif., at total $50,162, submitted the previous low bid. • 29

January 25, 1946

PLANS UNDER WAY

STREET PAVING, ETC.

Estimated Cost, $140,000

BREMERTON, Wash.

6500 ft. widening 6th St. to four lanes from Pacific to Callow, new sidewalks and curbs.

Owner—City of Bremerton, Wash.

City Engineer—S. S. Severance, City Hall, Bremerton. 29

January 28, 1946

BIDS WANTED

GLENDALE, Los Angeles Co., Calif.—Until February 1, 5 P. M., bids will be received by Jones California Homes, 448 S. Hill St., Room 1018, Los Angeles, for the installation of 152 ft. of 8-in. concrete curb and gutter, 1729 ft. of 4-in. blacktopping, and 500 lin. ft. 4-in. cast iron or ceramic sewers (with or without materials), including ditching and backfilling, under City of Glendale inspection. Completion time 10 days. Specifications on file in the office of the city engineer, Glendale.

Tentative estimates are also desired for work to begin in about 60 days. in connection with the above project as follows:

(1) 4000 sq. ft. 3-in. asphalt paving for drivway on private property adjacent to the above work;
(2) 800 lin. ft. of standard cement curb and gutter, and 800 lin. ft. of asphalt 4-in. pavement for Sleepy Hollow Dr., 24-ft. wide;
(3) 3000 ft. 3-in. asphalt for driveway and badminton court on adjacent property. • 29

January 28, 1946

PLANS ON FILE

STOCKTON, San Joaquin Co., Calif. **—As previously reported, until Jan-29, 11 A. M., bids will be received at** the office of the officer in charge of construction, U. S. Naval Supply Annex, Stockton, under Spec. 17555 **for additional drainage systems and** extensions of motor parking area at the U. S. Naval Supply Annex, Stockton, Calif.

The work contemplated includes, but is not limited to, the construction of catchment basins, headwalls and ditches, the furnishing and installation of corrugated metal pipe as inverted siphons and culverts, the furnishing and installation of reinforced concrete pipe drains and laterals, paving removal and replacement, and revisions and such incidental features of construction as are necessary to the completion of the drainage project.

The work contemplated also includes the installation of an extension to an existing motor parking area, together with the furnishing and installation of corrugated metal pipe culverts, the construction of headwalls and ditches, the laying of redwood bumper blocks and such incidental features of construction as are necessary to the completion of the motor parking area.

Specifications may be obtained from the above office upon deposit of check or postal money order for $10, payable to Chief of Bureau of Yards and Docks.

A set of plans and specifications, together with Addendums 1 and 2, are now on file at the office of the DAILY PACIFIC BUILDER, 465 10th St. ,San Francisco. • 29

32— SEWERS & SEWAGE DISPOSAL PLANTS

January 28, 1946

BIDS WANTED

SAN DIEGO, Calif.—Until Feb. 13, 11 A. M., bids will be received by the U. S. Navy, Public Works Office, 11th Naval District, 1220 Pacific Highway, San Diego, for the construction of new connections to the station existing low pressure fresh water piping system with branches and outlets on Piers Nos. 10 to 13, inclusive, a new extension to the existing city 16-inch high-pressure water main extending up to and including branches and outlets on Piers Nos. 10 to 13, inclusive; new boiler house, including new equipment, consisting in general, of three new 400 h.p. water tube boilers with auxiliary equipment, including feed water heater, boiler feed pumps oil burners, draft fans, steel stacks, water softeners and complete pertinent auxiliary equipment; two 250 h.p. motor-driven compressors with automatic control and pertinent auxiliary equipment, steam distribution system from the boiler house to outlets on piers; compressed air distribution system from compressors to outlets on piers, and other miscellaneous related work; Specification No. 17474. Plans and specifications available from above office upon deposit of $30, check payable to the Chief of Bureau of Yards and Docks. • 32

(Continued on Page Four)

WANTED
FOR SALE • FOR RENT
★
USED EQUIPMENT AND MATERIALS

FOR SALE

NEW & RECONDITIONED DIMENSION LUMBER

TIMBERS, wallboards, plumbing, pipe, millwork, and other building materials. SALE PRICES. Large stocks of "hard to get" items.
Wire, write, or 'phone
CLEVELAND WRECKING CO.
2900 Third St. - VAlencia 4977

70-ft. STEEL TOWER, 28 M gal. REDWOOD TANK and two 66-in. x 24-ft. x ⅜-in. STEEL PRESSURE TANKS to be sold as one unit. Located in San Francisco. Must be removed at once. Sacrifice. Write, 'phone or wire for information.
CLEVELAND WRECKING CO.
2800 Third Street, San Francisco
VAlencia 4977 (tf)

1000 USED OFFICE DESKS, STENOGRAPHER CHAIRS, CABINETS, TABLES AND FILES. 2083 Market St., San Francisco.
1/21-22-23-24-25/46

FOR RENT

D 8 TRACTORS, with Bulldozers, fully operated. E. Barbettini, 2251 Quesada, S. F. Phone AT. 5182.
to Jan. 31, '46

5-yd. DUMP TRUCKS for clean up, $3.25 per hr. Call ATwater 6700.
(1/22-23-24-25-28/46)

CLEVELAND TRENCHER, fully operated. F. R. Archibald, LOckhaven 81792.

WANTED

WORK FOR D 8 TRACTORS, CARRYALLS and TERRA COBRAS. Phone Stockton 66639. tf

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS

Building Permits, $1,000 and Over, Applied For

SAN FRANCISCO COUNTY

EXTENTION OF TIME
REPAIRS TO GANTRY CRANE
SE 16th and KING STS, platform D.
Owner—Murphy Corporation.
Contractor—U S Guaranty Co.
Plans filed Jan 16, 1946. Extending completion time to Feb. 28, 1946.

3-STORY FRAME SALESROOMS
E. FOLSOM 729 N. 12TH ST.
Owner—California Electrical Supply Co., Folsom St.
Builder—Wagner & Martinez, 181 South Park.
Architect—Not Given. $25,000
(Application No 85586)

1-STORY FRAME STORAGE BLDG. AND OFFICE
NW. ARMY AND SHOTWELL STS.
Owner—John J. Wilson, Shotwell and Army Sts.
Builder—Central California Construction Co., 116 Erie St.
Architect—Not Given. $12,000
(Application No 85594)

ALTER BAR
486 ELLIS STREET.
Owner and Builder—H. C. Giambruno, 4139 MacArthur Blvd., Oakland.
Architect—Not Given. $12,000
(Application No 85593)

ALTER FACTORY
17TH AND RHODE ISLAND STS.
Owner—J. Felschbech, 55 New Montgomery St.
Builder—Fred W. Schell, 666 Mission.
Architect—Not Given. $6,000
(Application No 85592)

1-STORY FRAME DWELLINGS (4)
NE. HEAD AND RANDOLPH; E. HEAD 25, 50, 75 N. RANDOLPH.
Owner—Sterling Building Co., 235 Arch St.
Builder—Chris Finson, 235 Arch St.
Architect—Not Given. $5,500 each
(Application Nos 85572-75)

1-STORY CLASS "C" STEEL FRAME SHED
E. BARNEVELD 160 S. JERROLD.
Owner and Builder—Hawley Forge & Manufacturing Co., 2350 Jerrold Ave.
Architect—Not Given. $5,000
(Application No 85576)

1-STORY OFFICE FOR PARKING LOT
S. MARKET 147 W. DOLORES.
Owner—S. & C. Motor, Market and Dolores Sts.
Builder—Jacks & Irwin, 620 Market.
Architect—Not Given. $3,500
(Application No 85578)

ALTER STORES
349 MARKET STREET.
Owner— Shostak, 2048 Market St.
Contractor—I W Coburn, 2048 Market Street.
Architect—Not Given. $2,000
(App No 85596)

ALTER RESTAURANT
1507 POLK STREET
Owner—J G Kaplanis, 299 Eddy St.
Contractor—Adam Arras & Son, 116 New Montgomery St.
Architect—Not Given. $2,000
(App No 85579).

ALTER DWELLING
120 VALE STREET.
Owner—D J Shaw, 120 Vale St.
Contractor—El Rey Bldg & Cabinet Shop, 430 Holloway.
Architect—Not Given. $2,000
(App No 85567).

ALTER FLATS
62 FIRST STREET.
Owner—Belding & Hemingway, prem.
Contractor—G P W Jensen and Sons, Inc, 320 Market St.
Architect—Not Given. $1,500
(App No 85568).

ALTER STORE
286 FOURTH STREET.
Owner—Carl E Wald, 120 Santa Ana.
Contractor—Geo O Bendon, 2195 32nd Avenue.
Architect—Not Given. $1,000
(App No 85570).

Building Permits, $1,000 and Under, Applied For

SAN FRANCISCO COUNTY

ALTER FLATS, $600; 2022 McAllister St; owner, Mrs Dito, premises; contractor, O Rolidoro Co, 1360 Green St.
ALTER residence, $600; 2031 San Jose Ave; owner, Mr Ware, prem; contractor, R Allison, 540 30th Ave.
ALTER dwelling, $550; 355 17th Ave; owner Mr and Mrs Furant, prem.
SIGN, electric, $500; 1262 Post St; owner, Kalcrest Corp, prem; contractor, Elec Prod Corp, 910 Harrison St.
SIGN, electric, $487; 2137 Mission St; owner, Garter Furniture Co, prem; contractor, Wonderlite Neon Prod Co, 1095 Folsom St.
SIGN, electric, $400; 3238 21st St; owner, Schneider's Florist, prem; contractor, QRS Neon Co, 690 Potrero Ave.
SIGN, electric, $250; 1801 Post St; owner, Lewis, prem; contractor, Brumfield Elec Sign Co, 965 Folsom St.
SIGN, electric, $200; 702 Polk St; owner, Mr Chew, prem; contractor, Brumfield Elec Sign Co, 965 Folsom St.
SIGN, electric, $190; 2548 San Bruno Ave; owner, Music Cleft, 2548 San Bruno Ave; contractor, Elec Prod Corp, 910 Harrison St.
SIGN, electric, $175; 444 Locust St; owner, Standard Oil Co, premises; contractor, Elec Prod Corp, 910 Harrison St.
SIGN, electric, $150; 572 Castro St; owner, Castro Delicatessen, prem; contractor, QRS Neon Co, 690 Potrero Ave.
ALTER cabinet shop, $100; 3246 26th St; owner and contractor, Antonio Aprile, 840 Treat Ave.
SIGN, electric, $45; 758 Valencia; owner, Mrs Daly, prem; contractor, Brumfield Elec Sign Co, 965 Folsom St.
SIGN, electric, $45; 427 Laguna St; owner, Mrs Lee, prem; contractor, Brumfield Elec Sign Co, 965 Folsom St.
BILLBOARDS, five, $20 each; SW Russia and Vienna; W San Bruno 125 N Richard; E 6th N Folsom; NW Brennan and Ritch (2); owner and contractor, West Coast Adv Co, 123 S Van Ness Ave.

Building Permits, $1,000 and Over, Applied For

ALAMEDA COUNTY

ALTERATIONS
1001-23 WASHINGTON ST., OAKLAND.
Owner—Hale Bros., Inc.
Builder—Dinwiddie Construction Co., 210 Crocker Bldg., San Francisco.
Architect—William T. Merchant, 57 Post St., San Francisco. $20,000

1-STORY 6-ROOM DWELLING
2733 DARNBY DR., OAKLAND.
Owner—Grace K. Brown, 20 Chelton Lane.
Builder—Robert R. Rust, 6540 Moraga Ave.
Architect—Not Given. $7,000

1-STORY 5-ROOM DWELLING
8372 NEY AVE., OAKLAND.
Owner—E. J. Skovmand.
Builder—Skovmand Bros., 3927 Brookdale Ave.
Architect—Not Given. $6,000

1-STORY 5-ROOM DWELLING
8364 NEY AVE., OAKLAND.
Owner and Builder—Skovmand Bros., 3018 Eastman Ave.
Architect—Not Given. $6,000

1-STORY 5-ROOM DWELLINGS (2)
1203 and 1209 61ST AVE., OAKLAND.
Owner and Builder—H. S. Pulliam, 8009 Fountain St.
Architect—Not Given. $4,000 each

ALTERATIONS
6417 COLTON BLVD., OAKLAND.
Owner—E. E. Collins, premises.
Builder—W. A. Welch & Sons, 612 24th St.
Architect—Not Given. $3,000

ALTER DWELLING
1222-24 38TH AVE., OAKLAND.
Owner and Builder—John N. Birchenan, 1222 38th Ave.
Architect—Not Given. $2,500

ALTERATIONS AND ADDITION
3404-10 ADELINE ST., OAKLAND.
Owner and Builder—Mary Wilson, 1725 7th St.
Architect—Not Given. $2,000

ADDITION
707 HILLGIRT CIRCLE, OAKLAND.
Owner—Joe Lang, 707 Hillgirt Circle.
Builder—Conrad Roth, 2101 Central Ave., Alameda.
Architect—Not Given. $1,500

REPAIRS
2033 MARKET ST., OAKLAND.
Owner—R. Johnson, 2033 Market St.
Builder—R. C. Rasmussen, 314 Perkins St.
Architect—Not Given. $1,200

ADDITION
8100 MacARTHUR BLVD., OAKLAND.
Owner and Builder—L. B. Austin, 8100 MacArthur Blvd.
Architect—Not Given. $1,200

ALTERATIONS
1121 BROADWAY, OAKLAND.
Owner—Golden State Theater, 995 Market St., San Francisco.
Builder—Wm. Cunningham, 201 11th Ave., San Francisco.
Architect—Alexander A. Cantin, 704 Market St., San Francisco. $1,200

ELECTRIC SIGN
455 17TH ST., OAKLAND.
Owner—Layne Optical Co., premises.
Builder—Electrical Products Corp., 950 30th St.
Architect—Not Given. $1,000

ALTER APARTMENTS
681 33RD ST., OAKLAND.
Owner and Builder—Ida Kimbel, 681 33rd St.
Architect—Not Given. $1,000

ADDITION
6394 BROOKSIDE AVE., OAKLAND.
Owner and Builder—Wm. L. Chandler, 6394 Brookside Ave.
Architect—Not Given. $1,000

PERMITS UNDER $1,000

ALAMEDA COUNTY

OAKLAND

ALTER, $900; 830 North Vale Ave; owner, J R Ober, prem; contractor, O L Burrett, 421 66rd St.
SHED, $950; 5335 College Ave; owner, Haven & Wade, prem; contractor, Anderson & Rettereth, 611 44th St.
SIGNS, two electric, $500 each; 1733 Broadway; owner, George Benioff, premises; contractor, Elec Prod Corp, 950 30th St.
SIGNS, two electric, $500 each; 1732 Telegraph; owner, George Benioff, premises; contractor, Elec Prod Corp, 950 30th St.
RETAINING wall, $500; Lots 26 and 27 Blk 7704A N Panaramic Way; owner and builder, Judd Boynton, 2204 Channing Way, Berkeley.
GARAGE, 1-story, $495; 275 Sextus Rd; owner, H I Johnson, premises; contractor, Nelson & Rugg, 9532 E 14th St.
GARAGE, 1-story, $480; 221 Cairo; owner, E L Johnson, prem; contractor, Nelson & Rugg, 9532 East 14th St.
ALTER, $450; 7305 MacArthur Blvd; owner, Dr H Husleen, 21 Selborne Dr; contractor, Conrad Roth, 2101 Central Ave, Alameda.
GARAGE, 1-story, $350; 6828 Lucille St; owner, C B Turner, 6826 Lucille St; contractor, Nelson and Rugg, 9532 E 14th St.
SIGN, electric, $300; 1733 Broadway; owner, Geo Benioff, prem; contractor, Elec Prod Corp, 950 30th St.
SIGN, electric, $300; 1732 Telegraph; owner, Geo Benioff, prem; contractor, Elec Prod Corp, 950 30th St.
ALTER, $200; 2708 MacArthur Blvd; owner, Ed Stanton, prem; contractor, C A Reinhard Constr Co, 8525 Bancroft Ave.
GARAGE, $200; 2533 62nd Avenue; owner and builder, E C Jorgensen.

SAN JOSE

ALTER industrial bldg, $10,000; Race St near Moorpark; owner and contractor, U S Products.
DWELLINGS, two 1-family, $7,000 each; 370 and 380 University Ave; owner and builder, L E Smith.
ALTER business bldg, $3500; 51 S 3rd St; owner, Kenneth Bean; contractor, W A Hinds.
ADDN to house and garage, $1200; 69 Younger; owner and builder, Mabel Draper.
REPAIR and alter basement, $1000; 344 N 21st St; owner and contractor, Clay Long.

PALO ALTO

RESIDENCE AND GARAGE, $12,500; 3261 Middlefield Rd; owner, Helen D Van Buskirk; builder, Coastwise Construction Co; plans by W E Huson.
RESIDENCE AND GARAGE, $11,500; 702 Garland Dr; owner, Helen D Van Buskirk; builder, Coastwise Construction Co; plans by W E Huson.
RESIDENCE AND GARAGE, $9600; 727 Oregon Ave; owner, Helen D Van Buskirk; builder, Coastwise Construction Co; plans by W E Huson.
RESIDENCE AND GARAGE, $8400; 723 Oregon Ave; owner, Helen D Van Buskirk; builder, Coastwise Construction Co; plans by W E Huson.
RESIDENCE AND GARAGE, $8400; 713 Oregon Ave; owner, Helen D Van Buskirk, 2499 Middlefield Rd; builder, Coastwise Construction Co; plans by W E Huson.
RESIDENCE AND GARAGE, $8300; 717 Oregon Ave; owner, Helen D Van Buskirk; builder, Coastwise Construction Co; plans by W E Huson.
ALTERATIONS, $3750; 382 University Ave; owner, Mary E Bacigalupi; builder, Royal Show Case Co, San Francisco; plans by J Martini, San Francisco.
ALTERATIONS, $1000; 1020 Forest Ave; owners and builders, R H and Emily Simpson.
RESIDENCE AND GARAGE, $500; 1844 Guinda St; owners, L and M Armand, 310 University Ave; builder, F Winningar, San Jose.
REPAIRS, $500; 821-23 Emerson St; owner, E P Cashel, 152 Emerson St.
ALTERATIONS, $250; 653 Melville Ave; owners and builders, C P and C V Smith, premises.
ALTERATIONS, $250; 774 Channing Ave; owner and builder, R De V Willey, premises.

FRESNO

DWELLINGS and garages, ten, $6000 each; 1736, 1746, 1806, 1818, 1828 Brown St; 1737, 1749, 1809, 1817, 1829 Harvard; owner and builder, M C Routt.
DWELLING and garage, $5000; 2334 Princeton; owner, Fred Ramsey.
SIGN, $1230; .... owner, Famous Dept Store; contractor, Neon Sign Co, Inc, 926 Fulton St.
ADDN to dwelling, $1000; 3127 McKenzie; owner, J J Fedderson.
ADDN to dwelling, $1000; 648 Cambridge; owner, M C Routt.
ALTER store, $1000; 1925 Merced; owner, Gift & Lighting Fixture Co.
GARAGE, $300; 2124 Cambridge; owner and builder, M C Routt.

BUILDING CONTRACTS

SAN FRANCISCO COUNTY

STORE and OFFICE BLDG
NW OCEAN AVE and Miramar.
Owner—Kelley & Casey.
Architect—Not Given.
Contractor—Monson Bros.
Payments not given.
TOTAL COST, $22,000
Plans filed December 6, 1945.

Building Permits, $500.00 and Over, Issued by the Board of Public Works

SAN FRANCISCO COUNTY

JANUARY 25, 1946

745 Clement St; alter theatre; cost $3000; owner, Coliseum Theatre.

SE Cor Greenwich and Hyde Sts; alter apts; cost, $2000; owner, Geo Packard.

2750 Geary St; alter hospital; cost, $2000; owner, Gorden Hospital.

369 14th Ave; alter residence; cost $860; owner, Dr I Losky.

835-45 rTeat Ave; alter flots; cost $850; owner, G Gutman.

SE Cor Stockton and Union Sts; alter tavern; cost, $750; owner, Pauls Tavern.

157 Mason St; alter tavern; cost, $775; owner, Dave Rafael.

2059-61 Green St; alterations; cost, $1200; owner, Clement Zulberti.

591 34th Ave; alter dwelling; cost, $800; owner, S Le Plat.

S Taraval St 31 E 32nd Ave; one-story frame bldg; cost, $5500; owner, James Van Der Kovy.

W Alemany Blvd 160, 185, 210, 235, 260 N Onondaga Ave; five one-story frame dwellings; cost, $6800 each; owner, A H Elkington.

SW Cor Delano Ave 46 SE Seminola; SW Cor Delano and Seminola; two 1-story frame dwellings; cost, $3300, $7300; owners, F C Frank and E Vignati.

Completion Notices

SAN FRANCISCO COUNTY

Recorded Accepted
Jan 23, 1946—75, 100, 125, 150, 175 S CRESCENT Ave. Gilbert L Plov to E Ellsworth......Jan 23, 1946
Jan 21, 1946—S SHIELDS 50, 75 E Ralston. John H and Ira A Cokeley and John and Theodore Oyen to California Constr Co.... ....January 21, 1946
Jan ...., 1946—W ARCH 100 N Stanley. Roscoe R Whiteside to H A Thrall
Jan 24, 1946—N FARALLONES 50, 75 and 100 W Plymouth. Walter E and Max Hansen, Inc to whom it may concern......January 28, 1946
Jan 25, 1946—SE QUINTARA ST and 20th Ave E 120 x S 117-6. A J Herzig to whom it may concern...........................January 24, 1946
Jan 18, 1946—2nd and KING STS grading, etc. Southern Pacific Co to Pacific Pavements Co, Ltd.. ....January 16, 1946

ALAMEDA COUNTY

Recorded Accepted
Jan 25, 1946—1417 GRIZZLY Peak Blvd, Berkeley. Vincent Carlisle Burgett to O J Preston.................. ....November 1, 1945
Jan 25, 1945—533 DOLORES AVE, San Leandro. Evelyn E Mellencamp to E H Mellencamp............. ....January 24, 1946
Jan 25, 1946—7335 HALLIDAY ST, Oakland. A W Whyte to whom it may concern......January 24, 1946
Jan 25, 1946—LOT 33 and NW ½ Lot 32 Blk H, Potters Addn to Valley View, Oakland. Anna and Olaf Johnson to whom it may concern...........................January 23, 1946
Jan 25, 1946—PTN LOT 10 and ptn Lot 9½ and 10, Amd map Teachers Tract, Berkeley. J M Walker to whom it may concern........... ....January 22, 1946

MARIN COUNTY

Recorded Accepted
Jan 22, 1946—HAWTHORN HILLS, San Anselmo. Katharine Kjolsrud to Herbert A Crocker & Co............ ....January 18, 1946
Jan ...., 1946—SYCAMORE Village, Mill Valley. Marin Capital Co to Goheen Constr Co................ ....January 22, 1946

Non-Responsibility

SAN FRANCISCO COUNTY

Jan 23, 1946—WILLIAMS AVE and Mendell St, approx 20,000 sq ft. Southern Pacific Co as to improvements on property.

Electrical Permits

SAN FRANCISCO COUNTY

7952 NW Cor Golden Gate Avenue and Polk; owner, W E Joslin; contractor, Cory & Joslin; 300 outlets; 90 switches; 110 plugs; service; four motors.

7953 225 Natoma St; owner, ...; contractor, Weidenthal - Gosliner El Works; 3 motors.

7954 376 11th St; owner, Robert Gledhill; contractor Weidenthal-Gosliner Elec Works; service; 3 motors.

7955 178 20th Ave; owner, Reiss; contractor, Byington Elec Co; serv.

7956 1049 Market Street; owner, Sterling Furniture Co; contractor, Q R S Neon Co; sign; 13 transformers.

7957 1359 43rd Ave; owner, Baker; contractor, Grandi Elec Co; 6 outlets; 7 switches; 4 plugs; service.

7958 607 Larkin St; owner, Mac's Lunch; contractor, Malm-Welter; 1 outlet.

7959 600 Larkin St; owner, Hilo Hut; contractor, Malm & Welter; 1 outlets; 1 plug.

7960 SE Cor Stockton and Jackson; owner and contractor, West Coast Adv Co; 3 outlets; illuminated billboard.

7161 NE Cor Querrero and 23rd Sts; owner and contractor, West Coast Adv Co; 3 outlets; illuminated billboard.

7962 K Bayshore Blvd 400 N Cortland Ave; owner and contractor, West Coast Adv Co; 3 outlets; illuminated billboard.

1963 N Market 200 E Noe; owner and contractor, West Coast Adv Co; 3 outlets; illuminated billboard.

7964 E Bayshore Blvd 25 S Waterloo; owner and contractor, West Coast Adv Co; 3 outlets; illuminated billboard.

7965 W Mississippi 125 N Mariposa St; owner, Paint Service Prod Co; contractor, Buzzell Elec Works; 40 outlets; 20 switches; 23 plugs; three transformers; service; 7 motors.

7966 2450 Harrison Street; owner, United Textile; contractor, Malm & Welter; 1 outlet; 1 motor.

7967 4299 24th St; owner, Conger; contractor, Malm & Welter; service.

7968 197 Shakespeare St; owner, Frank-Vignati; contractor, Arc Elec Co; 9 outlets; 9 switches; 12 plugs.

7969 363 Vernon St; owner, Dahlstrom; contractor, Arc Elec Co; 12 outlets; 10 switches; 8 plugs.

7970 307 De Long St; owner, F C Frank and Vignati; contractor, Arc Elec Co; 9 outlets; 9 switches; 12 pl.

7971 Cor Delano and Niagara; owner, F C Frank and Vignati; service; temp. saw.

7972 4404 3rd St; owner, A Faggioni; contractor, Arc Electric Co; service; temp. saw.

7973 Cor Delano and Seminole; owner, F C Frank and Vignati; contractor, Arc Elec Co; service; temp. saw.

7974 42 Vienna St; owner, Jensen; contractor, Arc Elec Co; serv.

7975 416 Duncan St; owner, Wallsey; contractor, Arc Elec Co; 5 outlets; 1 switch; 2 plugs; 2 motors.

7976 NE Cor 10th and Howard; owner, U S Procurement Office; contractor, Crown Elec Co; 5 plugs.

7977 233 Post St; owner, Paramount Jewelers; contractor, Crown Elec Co; service.

7978 376 Sutter St; owner, Lee, Jr; contractor, Crown Elec Co; two plugs.

7979 758 Valencia Street; owner, Evonne's; contractor, O'Keeffe, the Fan Man; 1 switch; 12 plugs.

7980 1396 La Playa; owner, Dicks; contractor, O'Keeffe, the Fan Man; 1 motor.

7981 831-3 San Jose Ave; owner, A Vernengo; contractor, ...; serv.

7982 772 Ashbury St; owner, M Laury; contractor, O'Keeffe, the Fan Man; service.

7983 1301 Van Ness Ave; owner, James Motors; contractor, Ace Elec Co; alterations.

7983 1301 Van Ness Ave; owner, James Motors; contractor, Ace Elec Co; alterations.

7984 1421 46th Ave; owner, Bob Kelly; contractor, Richmond Elec Co; 4 outlets; 4 switches; 4 plugs.

7985 SE Cor Pine and Franklin; owner, Union Oil Co; contractor, Severin Elec Co; service.

7986 260 Bayshore Blvd; owner, M Franzella; contractor, Edward W Scott Elec Co; 2 outlets; 2 switches.

7987 863 Mission Street; owner, Peoples Furn Co; contractor, Edw. W. Scott Elec Co; 7 outlets; 3 switch 5 plugs.

7988 20 Annie St; owner, M Durken; contractor, Brumfield Elec tir Sign Co; signs; 2 transformers.

7989 1201 Vicente St; owner, M Goservada; contractor, Brumfield El Sign Co; sign; transformer.

790 157 Mason St; owner, M Rafaels; contractor, Brumfield Electric Sign Co; 1 sign; 4 transformers.

BERKELEY

91 2121 Woolsey; owner, ...; contractor, Moore Elec; new serv.

92 1367 Miramonte; owner, Chas Isackson; contractor, Moore Elec; 12 outlets; 12 switches; 17 plugs; 4 circuits.

93 1799 University; owner, W J Acheson; contractor, Chas Langlais; 36 outlets; 5 switches; 9 plugs; 5 motors; new service.

94 3042 Claremont; owner, ...; contractor, Chas Langlais; 3 motors.

95 2923 Newberry; owner, ...; contractor, Preston Jones; 9 outlets; 10 switches; 9 fixtures; 11 pl; 1 circuit.

96 2001 University; owner, Berkeley General Hospital; contractor, Preston Jones; 43 fixtures.

97 2844 Telegraph; owner, Doctor Near; contractor, Preston Jones; 28 outlets; 20 switches; 36 plugs; nine circuits.

98 1150 Arch St; owner. J J Palivka; contractor, Jones Elec; 5 fixtures.

99 East Shore and University Ave, NW Cor; owner, City of Berkeley; contractor, Preston Jones; new service; heater.

500 2444 Telegraph; owner, ...; contractor, U C Elec; 11 outlets; 1 switch; 11 fixtures; 6 plugs; 2 motors; 5 circuits.

501 2342 Telegraph; owner, ...; contractor, U C Elec; 3 fixtures.

502 2126 Center; owner, ...; contractor, U C Elec; 4 fixtures.

503 2153 Shattuck; owner, ...; contractor, U C Elec; 4 fixtures.

504 2707 College; owner, A L McLeon; contractor, U C Elec; 2 motors.

OAKLAND

34991 1418 Webster Street; owner, Cameron's Tire Shop; contractor, Matson Elec Equip Co; fixtures.

34992 2235 Ivy Dr; owner, Applebaum; contractor, Johnston Elec; outlets; switches; fixtures; plugs.

34993 3927 Reinhardt Dr; owner, Fredrickson; contractor, Johnston El Co; outlets; switches; fixtures; pl.

34994 3846 Beaumont; owner, Jennings; contractor, Gos Elec Shop; 2 outlets; 2 fixtures; 2 plugs.

34995 1712-14-16 57th Ave; owner, Maurer; contractor, James Anderson; outlets; switches; fixtures; pl.

34996 721 Washington St; owner, Liquor Store; contractor, C A Langlais; signs.

34997 737 E 12th Street; owner, D Schirmer; contractor, E F Dreyer; outlets; switches; 5 fixtures; plugs.

34998 2623 San Pablo Ave; owner, Thealy; contractor, T L Rosenberg Co; motors.

34999 1733 Broadway; owner, Geo Benioff Co; contractor, T L Rosenberg Co; install time switch control on window lights.

35000 MacArthur Blvd and Broadway; owner, Andrew Williams; contractor, T L Rosenberg Co; 194 outlets; 51 switches; 52 plugs.

35001 Ashby Ave and Tunnel Rd; owner, Claremont Hotel; contractor, White Electric; alterations.

35002 19th and Franklin Streets; owner, Standard Oil Co; contractor, White Electric; signs.

35003 8700 E 14th St; owner, Standard Oil Co; contractor, White Elec Co; signs.

35004 5705 Claremont Ave; owner, Standard Oil Co; contractor, White Elec; service.

35005 35th Ave and Custer; owner Standard Oil Co; contractor, White Elec Co; sign.

35006 791-3 West Street; owner, J Christman; contractor, General Neon Lite Co; signs.

35007 1414 Market St; owner, Cue Cafe; contractor, General Neon Lite Co; sign.

35008 5947 MacArthur Blvd; owner, Lonnie's Kiddie Shop; contractor, General Neon Lite Co; sign.

35009 1432 Franklin Street; owner, Oakland Saving & Loan Co; contractor, General Neon Lite Co; sign.

35010 2009-11 Grove Street; owner, Hartwick; contractor, General Neon Lite Co; sign.

35011 6703 San Pablo; owner, Eagle Cafe; contractor, General Neon Lite Co; sign.

35012 3446 Foothill Blvd; owner, Snafu Lunch; contractor, General Neon Lite Co; sign.

35013 1426 Market Street; owner, Martin's Variety Store; contractor, General Neon Lite Co; sign.

35014 3120 Fruitvale Ave; owner, Eastlake Cleaners; contractor, General Neon Lite Co; sign.

35015 2045 Foothill Blvd; owner, California Appliance Co; contractor, T Bushman; 3 outlets; 2 switches; fixtures; 3 plugs.

35016 407 Fairmount; owner, Hoyt; contractor, Spott Elec Co; service; alterations.

35017 2436 Havenscourt; owner, Morgan, contractor, Spott Electric Co; plugs; alterations.

35018 1924 Broadway; owner, Kaiser; contractor, Spott Electrical Co; motor for fans.

35019 1142 E 15th Street; owner, Mortier; contractor, Spott Electrical Co; plugs; alterations.

35020 2329 Broadway; owner, Broadway Vacuum Cleaning Company; contractor, Spott Electrical Co; sign.

35021 418 13th St; owner, Anderson; contractor, Spott Elec Co; outlets; switches; fixtures; plugs.

35022 4270 Piedmont Ave; owner, Piedmont Music Co; contractor, Shea Elec Co; fixtures; alterations.

35923 1107 72nd Ave; owner, Martin; contractor, R F Long; service.

35924 738 Chester; owner, Ice Service; contractor, T C Moody; 2 outlets; 2 switches; 2 fixtures; 1 motor.

35025 1530 7th St; owner, California Roofing Co; contractor, T C Moody; sign.

35026 3060 Richmond Blvd; owner, W W Sandy; contractor, Paramount Electric; alterations.

35027 6110 Telegraph Ave; owner, Catucci; contractor, Paramount Electric; fixtures; alterations.

35028 S side E 14th St 70 W 6th Ave; owner and contractor, Foster & Kleiser; alterations.

35029 N side MacArthur 214 E Coolidge; owner and contractor, Foster & Kleiser; 6 outlets; 1 switch; 6 fixtures.

35030 2820 Broadway; owner, E B Wells; contractor, Pacific Electric Motor; alterations.

35031 45 Pershing Dr; owner, Caskey; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35032 4128 Barner; owner, Sackstrom; contractor, Clifford Electric; outlets; switches; fixtures; plugs; alterations.

35033 431 2nd St; owner, Cotella Bros; contractor, L C Chapman; 9 fixtures.

35034 437 2nd St; owner, S Nickolas; contractor, L C Chapman; fixtures.

35035 41st and Linden Sts; owner, F W Dunne Paint Co; contractor, California Electric; 30 outlets; 10 switches; plugs; motors; alterations.

35036 3737 Broadway; owner, Murphy Motors; contractor, Matson Electrical; alterations.

35037 1185 7th St; owner, H & H Cafe; contractor, General Neon Lite; sign.

35038 90th and E 14th St; owner, General Petroleum; contractor, Shea Electric; alterations.

35039 64th and Foothill Blvd; owner, Signal Oil Co; contractor, Shea Electric; alterations.

35040 1235 35th Ave; owner, D D Mulligan; contractor, James Anderson; meter loop.

35041 905 66th Ave; owner, ...; contractor, Pacific Electric Motor Co; outlets; fixtures; motors.

35042 288 Whitmore St; owner, Pacific Heating & Ventilating; contractor, T L Rosenberg; 1 outlet; 1 fixture.

35043 SW cor 28th and Peralta; owner, Sterns; contractor, T L Rosenberg Co; rewiring.

35044 1119 Fairfield; owner, Henry Brown; contractor, T L Rosenberg; 2 outlets; 2 switches; 2 fixtures; 1 plug.

35045 2101 Union St; owner, Linen Exchange; contractor, T L Rosenberg; alterations.

35046 Washington and 11th Sts; owner, Hale Bros Dept Store; contractor, T L Rosenberg; 11 outlets; 2 switches; 2 plugs; 2 motors.

35047 1724 Indian Way; owner, R E Rush; contractor, Bayliss Lighting Fixture Co; 12 fixtures.

35048 4502 Telegraph Ave; owner, Mrs Rose Ojeda; contractor, Modern Neon Co; window tubing.

35049 372 40th St; owner, F & H Cafe; contractor, Modern Neon Co; window tubing.

35050 1530 7th St; owner, Murray & Wright; contractor, Modern Neon Co; sign and tubing installation.

Classified Advertising

HELP WANTED

SUPERINTENDENT
ESTIMATOR
STOREKEEPER

The above three permanent positions open with large electrical contractor. State experience, ability and furnish references. Reply Box 122, c/o Daily Pacific Builder.
to Jan. 31, '46

WANTED

ARCHITECTURAL DRAFTSMAN wanted. A-1 man. Working drawings and details. General work, schools and public buildings. Long Job. Write details and salary expected. F. T. Georgeson, P. O. Box 55, Eureka, Calif. Phone Eureka 394.
(to 2/4/46)

1st Class CONSTRUCTION SUPT., large buildings; good salary, good future. State exp. and ref. Reply Box 122, c/o Daily Pacific Builder.
1/22-23-24-25-28/46

BLDG. CONSTR. SUPT., good future. State experience and references. Reply Box 16, c/o Daily Pacific Builder. tf

Engineering Section

32— SEWERS & SEWAGE DISPOSAL PLANTS

January 28, 1946

BIDS OPENED

LOS ANGELES COUNTY, Calif.—Paul Vukich Construction Co., 112 W. 9th St., Los Angeles, at $7440, submitted low bid to the Los Angeles County Board of Supervisors for construction of a reinforced concrete and corrugated metal pipe arch storm drain on Arbor Rd., south of Bellflower and east of Clark Ave., a distance of 500 lin. ft.; cash contract No. 575. Plans prepared by O. F. Cooley, county road commissioner, Hall of Records, Los Angeles.

The total bids were:
Paul Vukich Construction Co., $7440.
Mitar Nikcevich, $9180.
Oberg & Cook, $9885.
O'Rourke & Parker, $10,825. • 32

January 28, 1946

BIDS WANTED

LOS ANGELES, Calif.—Until Feb. 7, 10 A. M., bids will be received by the Los Angeles Water and Power purchasing agent, Room 1202, 311 S. Spring St., for one positive displacement fuel oil pump and electric motor, assembled complete; Bid 4683. •

January 28, 1946

FUNDS AWARDED

TEMPE, Maricopa Co., Ariz.—Mayor W. W. Cole of Tempe has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $3000 will be furnished the city for the purpose of assisting in the preparation of plans for increasing the capacity of the present sewage treatment plant in Tempe. Improvements to the existing sewage treatment plant will consist of the addition of an Imhoff tank, 22x72x22 feet deep, and a dunbar bed, 112x100 feet, together with the necessary valves, piping and appurtenances.

The estimated cost of the improvements will be $70,000, to be furnished from a sinking or trust fund and revenue from sewer rentals. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

Wright L. Feit, located at Los Angeles, Calif., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Arizona, and Headman, Ferguson & Carollo, Phoenix, Ariz., are the engineers for the City of Tempe to make final plans.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 32

January 28, 1946

FUNDS AWARDED

KAYSVILLE, Davis Co., Utah.—Mayor Emil M. Whitesides of Kaysville has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $1000 will be furnished to the city for the purpose of assisting in the preparation of plans for a sewage system. The plans can now be completed and all arrangements made for construction.

The preliminary draft outlines a sewage treatment plant to serve a designed population of 2000, together with 6000 lin. ft. of 12-in. effluent disposal line and all necessary appurtenances. The estimated cost of this facility will be $32,000, to be furnished from available cash and revenue bonds to be authorized. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction is begun.

H. C. Jessen, located at Salt Lake City, Utah, is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Utah, and Sumner G. Margetts & Co., 204 Felt Bldg., Salt Lake City, Utah, are the engineers for the City of Kaysville to make the final plans for the sewage system.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 32

January 28, 1946

FUNDS AWARDED

LOS GATOS, Santa Clara Co., Cal.—Mayor Cecil Spotswood of Los Gatos has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, that funds to the amount of $8250 will be furnished the town of Los Gatos for the purpose of assisting in the preparation of plans for constructing sanitary sewer improvements consisting of a sewage collection system and reconstruction of outfall sewers. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $186,000, to be furnished from special assessments. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

H. E. Devereaux, located at Berkeley, is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Northern California, and L. Cedric Macabee, Palo Alto, is the engineer for the Town of Los Gatos to make the final plans.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 32

33—WATERWORKS

January 28, 1946

TO PROPOSE PLANS

SAN DIEGO, Calif.—James Montgomery, consulting engineer, 11th fl., 306 W 3rd St., Los Angeles, and Daniel A. Elliott, architect, 4th floor, 306 W 3rd St. Los Angeles, have submitted preliminary sketches to the city council of San Diego, Fred H. Rhodes, city manager, Civic Center, San Diego, which were approved and authorization was given for the preparing of plans and specifications for the construction of a water purification plant at Murray Lake, near La Mesa. The plant is to have a capacity of 66,000,000 gallons a day, two-thirds of its ultimate capacity of 100,000,000 gallons. Est. cost, $2,000,000, payable from the proceeds of a bond issue approved last April. 33

January 28, 1946

PLANS BEING FIGURED—BIDS OPEN JAN. 31, 2 P. M.

PETALUMA, Sonoma Co., Calif.—Until January 31, 2 P. M., bids will be received by the U. S. Engineer Office, 74 New Montgomery St., San Francisco, under Spec. 221-A for the construction of additional water supply system at the Two Rock Ranch, Petaluma.

Following contractors have been furnished with plans:
R. J. Brant, 1222 Whipple Avenue, Redwood City.
Underground Constr. Co., 75th Ave. and San Leandro Blvd., Oakland.
E. T. Haas Co., P. O. Box 411, San Mateo.
Peter Sorensen, 927 Arguello St., Redwood City.
A. J. Peters & Son, 410 N. Tenth St., San Jose. • • 33

January 25, 1946

FUNDS GRANTED

BURBANK, Los Angeles Co., Calif.—The Ctiy of Burbank has been granted funds totaling $23,885 by the Federal Works Agency to be used in the preparation of plans for public works projects totaling $696,335. The projects include a pumping plant to cost $199,750; water extension, $58,050; water mains, valley section, $73,500; water works extension, Chandler Blvd., $63,350; water main extensions, Scott Rd., Clayton Ave. and Andover Dr., $28,500; water main extensions, Main St., Clark Ave. and Jefferson St., $72,550; water extension, Sixth St. and Alameda Ave., $57,400, and warehouse and garage building, $92,085. 33

January 25, 1946

BIDS WANTED

MOUNTAINAIR, Torrance Co., N. M.—Until February 4, 2 P. M., bids will be received by the mayor and Board of trustees of Mountainair, N. M., office of the town clerk, for the construction of water works extension and improvements for the Town of Mountainair, N. M. Certified or cashier's check or bidder's bond for 10% to accompany bids. Plans were prepared by Ashley C. Classen & Associates, consulting engineers, 412 Martin Bldg., El Paso, Texas, and are available from their office upon deposit of $20.

The work involves:
(1) 20,000 lin. ft. 8-in. cast iron pipe supply line;
(2) 2600 lin. ft 4-in. cast iron pipe water main;
(3) 8300 lin. ft. 2-in. galvanized pipe water main;
(4) 4250 lbs. cast iron fittings and specials;
(5) appurtenances consisting of gate valves, fire hydrants, air release valve, main line meter, cast iron and concrete valve boxes, etc.;
(6) 2 reinforced concrete well pump houses with steel derricks;
(7) 2 items special work on Santa Fe Railroad crossing of water main.

Machinery & Material

U. S. TREASURY

SAN FRANCISCO—Until February 14, 2 P. M., bids will be received by the U. S. Treasury Department, 30 Van Ness Ave., San Francisco, under Inv. No. SF-2772-46 for 75 wrappers, blanket, burlap, 6-ft. 6-in. x 8-ft., of 6-oz. or 8-oz. weight burlap, seamed around edges, f.o.b. 650 5th St., San Francisco.

Specifications obtainable from the above office. • 20

SAN FRANCISCO—Until February 14, 2 P. M., bids will be received by the U. S. Treasury Department, 30 Van Ness Ave., San Francisco, under Inv. No. SF-2770-46 for 1500 rolls cellulose tape on metal dispensers, transparent, ¾-in. width, 300-in. rolls. f.o.b. 650 5th St., San Francisco.

Specifications obtainable from the above office. • 20

STATE PURCHASING AGENT

SACRAMENTO, Calif.—Bids will be received by the State Purchasing Agent, Sacramento, for materials as follows:

January 29

QUO. 32692; Req. E47584:
12,000 gals. emulsified asphalt delivered to highway equip. containers from vendor's storage nr. Petaluma.
QUO. 32729; Req 50988:
1100 tons plant mix surfacing, SC-3, various points in Dist. 5.

January 28

QUO. 32466; Req. 140351:
10 M. clear Douglas Fir stakes, free of knots, fob Sacramento.
QUO. 32687; Req. E47573:
2000 tons ½-in. or No. 4 max. plant mix surf. with liq asph. RCM-3, various locations in Dist. 4.

February 5

QUO. 32376; Req. 1-287:
400 only phone poles, Class 7, of Western Red Cedar, 20-ft. long, fob Sutter in Sutter County.

February 4

QUO. 32872; Req. 7422:
Two pneumatic tired tractor operated highway mowing mach., fob Fresno. • 20

BUREAU OF RECLAMATION

DENVER, Colo.—Until January 31, 2 P. M., bids will be received by the Bureau of Reclamation, Office of Director of Finance, Custom House, Denver 2, Colo., under Inv. No. A-36,893-A for 14,048 concrete reinforcement bars, f.o.b. shipping point and/or Blair, Okla.
above office and are on file at the Specifications obtainable from the office of DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco.
• 20

RECLAMATION BUREAU

DENVER, Colo.—Until February 1, 2 P. M., bids will be received by the Bureau of Reclamation, Office of Director of Finance, Custom House, Denver 2, Colo., under Inv. No. A-20,379-Z for furnishing and delivering materials as follows:
(1) 5000 bbls. sulfate-resisting portland cement in paper sacks, f.o.b. shipping point and/or Ralston, Wyo.;
(2) 5000 bbls. sulfate-resisting portland cement in paper sacks, f.o.b. shipping point and/or Riverton, Wyo.;
(3) 400 bbls. sulfate-resisting portland cement in paper sacks, f.o.b. shipping point and/or Belle Fourche, S .D.

Specifications obtainable from the above office. • 20

DENVER, Colo.—Until January 31, 2 P. M., bids wil lbe received by the Bureau of Reclamation, Office of Director of Finance, Custom House, Denver 2, Colo., under Inv. No. A-49,064-A for 24,633 concrete reinforcement bars, f.o.b. shipping point and/or Concord, Calif.

Specifications obtainable from the above office and are on file at the office of DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco. •

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CALIFORNIA STATE LIBRARY

PLANS and Speculations

Hillsborough's famous "Carolands" estate is to be subdivided and construction will be started immediately of 250 homes in a price class from $15,000 to $25,000, it was disclosed with transfer of ownership of the 490-acre property to a syndicate headed by T. I. Moseley of Atherton, president of Dalmo Victor Corporation. The property has an entrance from Ralston Ave. in HILLSBOROUGH and extends to the Skyline Blvd. . . Funds amounting to $11,000 recently granted by the Federal Works Agency, will be used at the University of Nevada to prepare plans for an electrical engineering addition to the engineering building. The proposed addition will cover approx. 16,200 square feet, with the building and engineering facilities to cost an estimated $288-000.

oOo

Plans for the construction of a new SAN MATEO roller skating rink at an estimated cost of $80,000 on the corner of Poplar Ave. and Bayshore highway were disclosed by Edward W. Stollery. Work on the 18,000 square foot building will begin shortly. E. Jay Miller of San Mateo prepared the plans and George Arthur & Sons are the contractors.

oOo

The MERCED Chamber of Commerce was informed that the United Air Lines plan to construct a $60,000 building there as headquarters for the company's activities in the area.

oOo

A modern, fully-equipped hardware store will open in RICHMOND within the next few months by Ronald Ahart. The reinforced concrete building, comprising an area of 37x100 feet, is to be located at 325 Ninth Street. Carl Overaa is the contractor.

oOo

The Assembly Ways and Means Committee has recommended for passage two bills appropriating $13,000,000 to provide student housing on the University of California's four campuses and at six State colleges. James Corley, University of California controller, will begin an immediate campaign for funds to match the $7,071,000 in their appropriation.

oOo

PALO ALTO

Permits for 26 homes in Palo Alto have just been issued to Scoble, Inc., of San Francisco, as owner and builder. The unit price is $6,000. B. K. Dobkowitz is the designer.

The four-room rustic houses, with attached garages, will be located on Olive Street at 260, 265, 270, 275, 280, 285, 290, 295, 300, 305, 315, 320, 345, 365, 375, 385, 395, 399, 405, 420, 421, 430, 431, 441, 451, and 461.

ELECT. ENGINEER JOINS WESTERN FIBERGLAS

Messrs. Leighton and Dutton, principal partners of Western Fiberglas Supply, Ltd., announce that Ernest E. Drescher has joined the Electrical staff of their concern.

Drescher is a native San Franciscan, and was educated in the San Francisco schools and the University of California. He is a member of the Electrical Maintenance Engineers' Association, and an Associate Member of the American Institute of Electrical Engineers.

Before joining Western Fiberglas, Drescher was Supervising Engineer in the Design Section of the San Francisco Naval Shipyard. He is married and resides in San Francisco.

—V—

MARITIME COMMISSION SURPLUS MATERIAL CATALOG AVAILABLE

The United States Maritime Commission has adopted modern salesmanship methods and today is conducting one of the Nation's largest mail order businesses in marine supplies and materials. Everything is being offered for sale from nuts and bolts, at a few cents in value each, to huge Diesel engines priced at $55,350. In between are such articles as anchors, canoe paddles, oars, diving suits, chain, wire and rope, small boats of all classes, sea mules, searchlights, engines, winches, distillers, misc. hardware and everything else that might go to furnish ships, large and small.

A great many of the items being offered for sale are usable also on the farm and in the factory and general industry. All are being sold at prices that are below the original cost and furnish genuine bargains. Even lower prices are given in wholesale lots and to dealers.

The various articles offered for sale, numbering many thousands, are enumerated in the sales-order catalogue of the Maritime Commission known as Marine Surplus Seller. Prices are quoted as well as directions given for purchase of desired items.

The Marine Surplus Seller can be obtained at U. S. Maritime Commission, 220 Bush Street, Room 533, San Francisco 4. Telephone GArfield 3715—ext. 294 and 295.

More Than $1,100,000,000 of Needed Public Works Scheduled for the Next Three Years

More than $1,100,000,000 of needed public works have been tentatively scheduled to start construction during the three years 1946-1948 by local, State and Federal agencies in California. Working plans have progressed to the point where over $577,000,000 worth of projects is tentatively scheduled to start construction during the year 1946. Another $546,000,000 of needed improvements has been tentativelly scheduled to start during 1947-1948.

This is revealed in the first of a series of reports on timing of public works issued by the State Reconstruction and Reemployment Commission from data asembled up to December 31, 1945.

Local public agencies lead the other governmental units with a total of $552,000,000 of projects proposed for the three-year period.

Local public agencies report $265,000,000 in funds available as of December 31, 1945, for construction of their $552,000,000 proposed three-year program. Of these funds available, $130,000,000, or 49 per cent, are for projects scheduled by California cities.

California counties report funds available of $78,000,000 (29.3 per cent of all funds reported.) School districts have $39,000,000 available for their projects during the three-year period.

Projects proposed by State Agencies total $295,740,000, and those by Federal agencies are estimated at $275,767,000. The Federal projects are for flood control and irrigation works.

Los Angeles County, with $348,170,000, which is 31 per cent of the total, leads all other counties in the estimated cost of the projects. Figures and percentages for the other counties are as follows:

San Francisco	$96,734,000	8.6%
Fresno	61,328,000	5.5%
Alameda	59,569,000	5.3%
Sacramento	47,458,000	4.2%
Tehama	41,203,000	3.7%
Shasta	35,565,000	3.2%
Kern	32,959,000	2.9%
San Diego	31,680,000	2.8%
San Joaquin	29,726,000	2.6%
Tulare	24,175,000	2.2%
San Bernardino	23,213,000	2.1%
Merced	22,006,000	2.0%
Stanislaus	21,870,000	1.9%
Ventura	15,066,000	1.3%
43 Other Counties	232,880,000	20.7%

Flood control and irrigation projects, in the amount of $354,000,000 are the largest single type of work scheduled. The next highest, in the following order, are highway, road and street projects, sewage and storm drain projects and schools and educational facilities.

The 1946 public works scheduled program of California cities totals $141,363,105 with funds reported available as of December 31, 1945

"The first requirement for tim-

IMPORTANT NOTICE

Starting with today's issue of the "Builder", a new index is being used for the report sections.

It is hoped that the new "break-down" will greatly facilitate convenient reference.

in the amount of $106,598,694. County projects for 1946 total $27,826,996 with funds reported available of $14,440,944. Other local, State and Federal projects amount to $408,191,296 bringing the 1946 total proposed program to over $577,000,000.

The report points out that it is doubtful if the entire 1946 public works program actually will be placed under contract this year because of shortages of materials, equipment, and skilled workers. It is also stated that if the total were contracted this year, urgently needed private construction probably would be impeded and construction costs probably would rise further.

In announcing the completion of this report, Colonel Alexander R. Heron, State Director of Reconstruction and Reemployment said:

"It is the duty of the Commission to ascertain all contemplated public improvements or projects, to plan for and promote the improvement and expansion of the highway and freeway systems of the State and to plan for and support necessary reconstruction of State buildings, particularly hospitals and institutions.

"Since the Commission issued a report on public works early in 1945, agencies sponsoring projects have further revised their plans and programs. The report just issued covers information gathered up to the end of 1945.

"The report is the first of a series on the subject of timing of public works projects. It is an inventory and analysis of the proposed construction. The Commission's staff is engaged in continuing study of the subject which will be covered in subsequent reports.

ing of public works is that there be an available 'shelf' or pool of projects for which working plans and specifications have been completed, so that all or part of the work might be put under construction without delay. The report just issued is an inventory, providing the foundation for the first step."

GROOVER AND I

SHOOTING A HORSE

In this war, cavalry involved armor plate, cylinder displacement and gyroscopic gun mounts. Forty or sixty years ago the cavalry occupied a more colorful and romantic place in our military.

★ ★ ★

A recruit would join a "hoss outfit". After about three enlistments, he reached the point where he loved his horse more than his best girl and his Colonel—he was then a CAVALRYMAN!

★ ★ ★

In case of broken leg or other accident, it was sometimes necessary to destroy a horse. Regardless of how tough it might be, no cavalryman would permit anyone else to perform this act for him.

★ ★ ★

With his own revolver he would shoot his horse, then hang up his gun and go down to Pete's or the Dutchman's. He would automatically be carried "on pass" until he returned — generally about three days.

★ ★ ★

Regardless of how aged or decrepit a horse might become, no one ever thought of shooting one just to try out a new gun. There are some acts of sacrilege you don't even put into thought.

★ ★ ★

During the month of May it is planned to experiment with the atom bomb on a group of naval vessels in the Bikini Atoll basin of the central Pacific.

★ ★ ★

Among the ships being "rigged for death" is that grand old lady of the U. S. Navy, the Aircraft Carrier Saratoga, more lovingly known as "Sara".

★ ★ ★

Men who served on the Pennsylvania, Wainwright, Parche, and other ships will have the same feeling regarding their vessel being in the "death house".

★ ★ ★

But somehow, "Sara" was the glamor girl of our entire Navy. Thousands of fliers took off from her flight deck on uncounted missions. When they returned, "Sara" was always waiting at the point of rendezvous—and waited in vain for many who never returned.

★ ★ ★

The War Department has pulled a dumb stunt in Public Relations in listing these ships by name. It would have been better to give them a code number. Then, men who served on these craft would not know for sure that their vessel had met such an ignoble end.

★ ★ ★

There will be public protest, and I have an even-money idea that at least the "Sara" will be taken from the execution line-up.

—V—

BADLANDS EXTENSIVE

The portion of Death Valley which is below sea level is more than 70 miles long and from one to six miles wide, according to the California State Automobile Assn. This area includes Bad Water, 276 feet below sea level, lowest point in the United States.

S. F. Chamber Forms Aviation Committee

Membership of a newly-formed Aviation Committee of the San Francisco Chamber of Commerce was announced today by Chairman George C. Tenney.

In announcing the membership, Chairman Tenney explained that the Committee will devote its attention to San Francisco aviation problems, coordinating its activities with those of the Bay Area Aviation Committee, which is concerned with areawide aviation problems.

Appointments to the Committee, representing airlines, aviation, city, civic, freight and manufacturing interests, include the following members:

Dall De Weese, American Airlines, Inc.; Jerome V. Roscoe, Pan American World Airways; G. R. Thornton, Transcontinental and Western Air; James Murphy, United Air Lines; Roy Backman, Western Air Lines, Inc.; Marsden S. Blois, National Aeronautics Assn.; B. M. Doolin, Municipal Airport; J. Roger Deas, City Planning Commission; Carl J. Eastman, N. W. Ayer Advertising Agency, Inc.;

Belford Brown, San Francisco Bank; R. M. Adamson, Shell Oil Co.; George C. Tenney, McGraw-Hill Publishing Co.; George G. Montgomery; Castle & Cooke, Ltd. M. G. Lickteig, Railway Express Agency, Inc.; Walter Schlichtman, Thompson Aircraft Tire Corp., and Kenneth R. MacDonald, manager, Aviation Department, San Francisco Chamber of Commerce, secretary.

—V—

ROUTE 16 OPEN

Storm damage has been cleared on State Route 16, between Woodland and Sacramento and the highway is now open to traffic, according to the Touring Bureau of the California State Automobile Association.

CITY GROWTH INDICATED IN NEW STORE

Announcement by Sears, Roebuck & Company of its plan to construct a new department store in San Francisco was hailed today by Brayton Wilbur, president of the San Francisco Chamber of Commerce, as "an added demonstration of the faith of retailers in the future of this city."

Terming the $5,000,000 investment as one of San Francisco's major realty developments, Wilbur declared that the Sears expansion would also help to maintain high levels of employment in this city by providing 500 new jobs for San Franciscans.

"San Francisco's postwar employment and development depend upon such expansions," Wilbur said. "Not only will this company's step provide now jobs, but it will offer added consumer services for the Bay Area's vastly increased population. The growth of San Francisco's consumer market should be encouraging to expansion of other businesses in the city."

Site of the new store will be 300,000 square feet of property at the northwest corner of Calvary Cemetery, Masonic Avenue and Geary Street, according to an announcement by D. S. Tarvid, Sears manager here for the past 14 years. A two-story structure with a basement department, it will provide parking space for 900 cars. It will have three times the shopping facilities of the Sears Mission Street store, Tarvid said.

The balance of the area will be developed into a residential district by the Mayfair Heights Corporation.

—V—

NOTICE OF CANCELLATION

The duration examination for Concrete Mixer Operator, announced on the bulletin issued September 15, 1945, has been canceled.

State Personnel Board.

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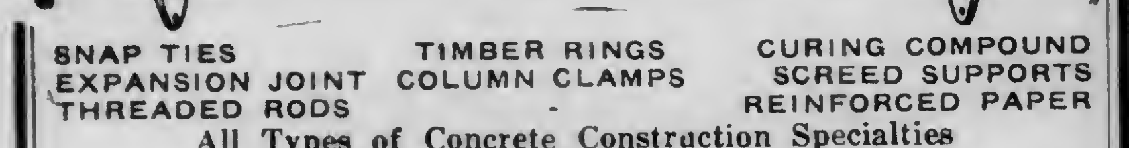

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DAILY PACIFIC BUILDER
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Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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1-8—COMMERCIAL BLDGS.

January 29, 1946
COMPLETING PLANS
LOS ANGELES COUNTY, Calif.—Architect Howard G. Elwell, 1520 Wilshire Blvd., Los Angeles, is completing plans for the construction of a three-story building at the corner of 9th and Union Sts., Los Angeles, for the Teamsters' Union, Local No. 42. The structure will contain an assembly hall to seat 500, offices, recreation rooms, and will cover an area 50x160 ft. Cost, $130,000. 1-8

9-10—EDUCATIONAL BUILDINGS

January 29, 1946
BIDS WANTED—TO BE OPENED FEBRUARY 18, 8 P. M.
SCHOOL BUILDINGS
PITTSBURG, Contra Costa Co., Calif.
Construction of two frame and concrete and brick veneered additions, one 3-classroom addition to the senior high school and one 4-classroom and toilet addition to the junior high school.
Owner — Pittsburg Unified School District, Arman Stow, clerk, Pittsburg.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.

Plans and specifications may be obtained from the office of the architect upon deposit of $25.

Each bid must be accompanied by certified check, cashier's check or bidder's bond in amount of 5% of bid. * 8-10

January 29, 1946
BIDS WANTED—TO BE OPENED FEBRUARY 13, 8 P. M.
SHOPS BUILDING
SAN MATEO, San Mateo Co., Calif. Peninsular Ave. and Delaware St.
Completion of the general construction of the shops building on the junior college site.
Owner — San Mateo Junior College District, business office, San Mateo Junior College Science Bldg., San Mateo
Architect—Harry A. Thomsen Jr., 315 Montgomery St., San Francisco.

Plans and specifications may be obtained from the office of the architect upon deposit of $100.

Bids must be accompanied by certified or cashier's check in an amount of not less than 10% of bid. * 8-10

January 29, 1946
BIDS WANTED
SAN FRANCISCO.—Until January 30, 1:45 P. M., bids will be received by the Department of Public Works, Room 282 City Hall, for installation of Pacific boiler in Argonne School.

Specifications obtainable from the office of Superintendent of Public Buildings R. A. Chisholm, 490 11th St. * 9-10

January 29, 1946
CONTRACT AWARDED
NORTH HOLLYWOOD, Los Angeles Co., Calif.—L. A. Lefevre, 4916 Ben Ave., North Hollywood, awarded contract for construction of a two-story reinforced concrete parochial grammar school at 10848 Moorpark St., North Hollywood, for St. Charles Catholic Parish, Rev. R. C. Meade, pastor. The building will house 14 classrooms, a 575-seat auditorium, a cafeteria, library, offices, clinic and will hmave a basement 15x75 feet in area; estimated cost, $250,000. Plans prepared by Laurence D. Viole, engineer, 3220 Laurel Canyon Blvd., North Hollywood. 9-10

January 29, 1946
PREPARING PLANS
GYM.-AUDITORIUM Cost, $70,000
LARKSPUR, Marin County, Calif.
Construction of gymnasium-auditorium building.
Owner—Larkspur-Corte Madera Sch. Dist., Neil N. Cummins, district superintendent, Larkspur.
Architect — C. F. Gromme, Alberts Bldg., San Rafael.

The School District contemplates a bond election in the amount of at least $70,000, for which no date has as yet been set. 9-10

January 29, 1946
FUNDS SOUGHT
ADDITION TO SCHOOL
Estimated Cost, $715,000
SEATTLE, Wash.
Construction of addition to high school, construction of new vocational education building.
Owner—Highland School District No. 401, King County.

Pearl A. Wanamaker, state school superintendent, has applied for funds to State Social Security Commission and Development Board; local contribution, $214,500; state aid, $500,500. 9-10

January 29, 1946
FUNDS SOUGHT
SCHOOL BUILDING
Estimated Cost, $294,000
VANCOUVER, Wash.
Construction of new high school building.
Owner—Moses Lake School District No. 161, Grant County.

Pearl A. Wanamaker, state superintendent of schools, has applied for funds to State Social Security Commission and Development Board; local contribution, $74,000; state aid, $220,000.
Architect—Not announced. 9-10

January 29, 1946
FUNDS SOUGHT
ADDITION TO SCHOOL
Estimated Cost, $323,000
SEATTLE, Wash.
Construction of addition to Showalter Elementary School.
Owner—South Central School District No. 406, King County.

Pearl A. Wanamaker, state school superintendent, has applied for funds to State Social Security Commission and Development Board; local contribution, $54,000; state aid, $269,000. 9-10

January 29, 1946
BONDS APPROVED
REDLANDS, San Bernardino Co., Calif.—Voters of the City of Redlands approved the $1,000,000 bond issue proposal January 17 to finance replacement of school buildings. The high school district will be aloltted $750,000 and the elementary school district $250,000. Marsh, Smith & Powell, Architects' Bldg., 816 W. 5th St., Los Angeles, are architects for both the high school and elementary school districts. 9-10

January 29, 1946
PREPARING PLANS
GLENDALE, Los Angeles Co., Calif.—Architect George M. Lindsey, 214 N. Central Ave., Glendale, is preparing working drawings for the construction of a two-story music and speech arts building (180x143 ft.) at the Glendale Junior College for the Glendale Unified School District; estimated cost, $325,000. J. G. Middleton, structural engineer, 214 N. Central Ave., Glendale. 9-10

January 29, 1946
BONDS VOTED
IMPERIAL, Imperial Co., Calif.—Imperial Union High School District of Imperial County, Jan. 22, approved the proposition of issuing bonds in the amount of $60,000 to finance the construction of a gymnasium-auditorium building on D St. immediately west of the high school, Imperial, for the District. 9-10

January 29, 1946
BONDS VOTED
CORONA, Riverside Co., Calif.—Voters in the Corona School District January 22 approved two bond issues totaling $775,000 which will be used to finance new construction in the District. New buildings include a school at Home Gardens and additions to Lincoln, Jefferson and Norco schools; cost, $250,000. A new junior high school will cost $525,000. 9-10

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11—HOSPITALS

January 28, 1946
FUNDS AWARDED
LAS VEGAS, San Miguel Co., N. M.—Jack C .Hanlon, business manager, New Mexico Insane Asylum, Las Vegas, N. M., has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $4840 will be furnished the asylum for the purpose of assisting in the preparation of plans for constructing hospital and health facilities. The new building, having two stories and 70 bedrooms, will have a floor area of approximately 9240 square feet.

The estimated cost of the facilities will be $129,000, to be furnished from available cash and other funds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

E. A. Rose, located at Denver, Colo., is the engineer for the Bureau of Communtiy Facilities of the Federal Works Agency for New Mexico, and Trent Thomas, Santa Fe, N. M., is the architect for the asylum to make the final plans.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 11

January 29, 1946
BIDS OPENED
CORONA, Riverside Co., Calif.—W. C. Smith, Inc., 411 W. 5th St., Los Angeles, at $146,000, submitted low bid to the U. S Navy, Public Works Office, U. S. Naval Base, Terminal Island, for construction of miscellaneous alterations to the U. S. Naval Hospital, Corona; Specification No. 17194.

The work involves the construction of sundecks for 30 wards, covered passageways, alterations to existing buildings to provide bake shop, installation of an elevator and bakery equipment, 24,000 sq. ft of linoleum floor covering, 5000 lin. ft. of concrete curbing, 800 lin. ft. of 8-ft. concrete ramp and miscellaneous repairs to gutters and roads.

The work consists in general of demolition, earthwork, concrete work, miscellaneous steel and iron, carpentry and millwork, roofing and sheet metal work, lathing and plastering, glass and glazing, finish hardware, resilient flooring, field painting, plumbing and miscellaneous piping, electrical work, hydraulic elevator, walk-in refrigerator, mechanical refrigerator, bake shop equipment and paving and appurtenant work. Completion time, 120 days.

Bids were submitted on the following items:
(1) lump sum, price for the entire work complete;
(2) additional price for each cubic yard of rock excavation as called for in Section 3-02 (d).

The complete bids were:

W. C. Smith, Inc., (1) $146,000, (2) $30.

Baruch Corp., (1) $174,317, (2) no bid.

Arthur Pinner Jr., (1) $176,827, (2) $16. 11

12-13—INDUSTRIAL BUILDINGS

January 29, 1946
COMPLETING PLANS
BURBANK, Los Angeles Co., Calif.—Architect R. Benedict Brout, 1709 W. 8th St., Los Angeles, is completing plans for the construction of a factory building at 3000 W. Winona St., Burbank, for Hydro Aire Co. It will cover an area 100x100 feet; structural steel work, reinforced brick work, corrugated iron roof, steel sash, cement floor. The owners will build. 12-13

January 29, 1946
ACQUIRING SITE
INGLEWOOD, Los Angeles Co., Calif.—The California Divan Co., A. V. Marchetti, president, 1829 W. 62nd St., Los Angeles, has taken an option on property in the Inglewood area as a site for a new furniture factory estimated to cost $1,500,000. All plan work to date has been done by an eastern concern. 12-13

January 29, 1946
PLANS BEING FIGURED—BIDS OPEN FEBRUARY 4, 2 P. M.
FACTORY BUILDING
DIXON, Solano County, Calif.
Construction of factory building.
Owner—Penetrator Syphon Company, Dixon.
Architects—Will G. Corlett and Arthur W. Anderson, Bank of America Bldg., Oakland.

Plans are being figured by a selected list of contractors. * 12-13

January 29, 1946
BIDS POSTPONED UNTIL FEBRUARY 8, 3 P. M.
LABORATORY BLDG.
MOFFETT FIELD, Santa Clara Co., Calif. Ames Aeronautical Laboratory.
Construction of steel frame and concrete wall laboratory building to contain offices and maintenance shop for new supersonic wind tunnel.
Owner—National Advisory Committee for Aeronautics, Moffett Field
Plans by Engrg. Dept. of Owner.

Bids opening date postponed from January 30.

As previously reported, the following contractors will be furnished with plans and specifications:

Carl N. Swenson Co., 355 Stockton Ave., San Jose.

Wells P. Goodenough, 49 Wells Ave. Palo Alto.

De Luca & Son, 1745 Filbert St., San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco.

I. M. Sommer & Co., 580 Market St., San Francisco.

Moore Dry Dock Co., foot of Adeline St., Oakland.

Fischback & Moore, Inc., 55 New Montgomery St., San Francisco.

Erbentraut & Summers, 446 6th St., San Francisco.

M. J. King, Inc., 231 Franklin St., San Francisco.

Adam Arras & Son, 116 New Montgomery St., San Francisco.

Peter Sorensen, 927 Adguello St., Redwood City.

Judson - Pacific - Murphy Co., 1200 17th St., San Francisco.

Parker, Steffens & Pearce, 135 So. Park, San Francisco.

Peter Kiewit Sons Co., 442 Post St., San Francisco.

James I. Barnes Constr Co., Russ Bldg., San Francisco.

L. C Smith, First and Railroad, San Mateo.

Bethlehem Pacific Steel Corporation, Alameda. 12-13

14-17—PUBLIC BLDGS.

January 28, 1946
FUNDS AWARDED
SANTA BARBARA, Santa Barbara Co., Calif.—A. L. Study, Public Works and Planning Consultant for the City of Santa Barbara has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, that funds to the amount of $12,000 will be furnished the City of Santa Barbara for the purpose of assisting in the preparation of plans for construction of a two-story and basement addition to the City Hall. The addition is to be of reinforced concrete with approx. 40,000 sq. ft. of floor area. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facility will be $477,000, to be furnished from general obligation bonds and other funds. The funds made available through the Bureau of Community Facilities of Federal Works Agency are to be repaid without interest when the construction begins.

Wright L. Felt, located at Los Angeles, is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Southern California. The architect for the city has not yet been selected.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available 14-17

January 29, 1946
PREPARING PLANS
LA MESA, San Diego Co., Calif.—Architect Sam W. Hamill, 1123 Bank of America Bldg., San Diego, is preparing plans for the construction of a 1-story reinforced concrete civic center building to be located on a triangular site bounded by Allison, Date and University Aves. in La Mesa, for the city; approximately 90x125 feet in area and will house administration, public works, police and fire departments; estimated cost, $165,000. 14-17

January 29, 1946
CONTEMPLATED
PUBLIC SAFETY BUILDING
BREMERTON, Wash. Burwell St., between Washington and Pacific.
Construction of public safety building, probably three stories, including legal department, city courts and police department.
Owner—City of Bremerton, City Engineer S. S. Severance, City Hall.
Architect—Not announced.

City will call for bids for architectural fees shortly. 14-17

January 29, 1946
CONSTRUCTION APPROVED
CANON CITY, Colo.—The planning board of the Colorado State Penitentiary, Canon City, Colo., has approved construction of a four-tier reinforced concrete penitentiary building at Canon City, Colo., at an estimated cost of $375,000. W. Gordon Jamiesmon, 818 12th St., Denver, will be the architect. 14-17

January 29, 1946
BIDS WANTED
TACOMA, Wash. — Until February 27, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for alterations to elevator hoistway doors in the U. S. Post Office and Courthouse at Tacoma, Wash.

Plans and specifications obtainable from the above office of the district engineer. * 14-17

January 29, 1946
BID OPENED
MEZZANINE OFFICES
OAKLAND, Alameda County, Calif. Grove St. Pier.
Construction of offices on mezzanine floor of building to involve 1458 sq. ft. area.
Owner — Oakland Port Commission, foot of Grove St., Oakland.
Only bidder—Russell A. Cullen, 478 Jackson St., San Francisco, $6867. * 16

18-19—RELIGIOUS BLDGS.

January 29, 1946
COMPLETING PLANS
BELLFLOWER, Los Angeles Co., Cal.—Reginald Inwood, 125 E Sunset Blvd., Los Angeles, is completing plans for a new 450-seat church, Sunday school and social hall to be built at Clark and Walnut Streets, Bellflower, for the Community Presbyterian Church, Rev. Clifford Jones, pastor, 642 E Maryn St., Bellflower. Est. cost, $70,000.

General contract bids will be asked soon, and H. A. Van Horsen, c/o Citizens National Bank of Bellflower 332 S Bellflower, is chairman of the building committee. 18-19

January 29, 1946
PREPARING PLANS
LAGUNA BEACH, Orange Co., Calif.—Architect Wilfred B. Verity, P. O. Box 267, Corona, is preparing plans for a reinforced concrete church building and alterations to the existing sanctuary at Laguna Beach for the Community Presbyterian Church. Approximate cost, $150,000. 18-19

January 29, 1946
PRELIMINARY PLANS
LOS ANGELES COUNTY, Calif.—Architect Wm. Woolett, 400 Rowan Bldg., Los Angeles, is preparing preliminary plans for the construction of a concrete church building to consist of a Sunday school, 500-seat auditorium and a chapel on the corner of Overhill and Northridge, View Heights District, for the Second Reform Church of America; tile roof, steel sash, forced air heating unit; estimated cost, $130,000. Only a portion of the Sunday school and chapel is to be built at this time 18-19

January 29, 1946
PLANS COMPLETED
SAN BERNARDINO COUNTY, Calif.—Architect Wm. Woolett, 400 Rowan Bldg., Los Angeles, has completed plans and will take bids soon for the construction of a two-story masonry and frame church building to house a main auditorium, a Sunday school auditorium and administrative offices to be built in San Bernardino for the Gardens Community Church; wood roof trusses, shake roofing, tile floors, air conditioning; cost, $100,000. The main auditorium will seat 250 persons and the Sunday school auditorium 350 persons. 18-19

20-21—SOCIAL AND RECREATIONAL BLDGS.

January 25, 1946
BIDS WANTED
OCEAN BEACH, San Diego Co., Calif.—Until February 5, 10 A. M., bids will be received by the City of San Diego for construction of a reinforced concrete community center building on Santa Monica Ave. west of Ebers St., Ocean Beach, San Diego, for the city; estimated cost, $53,500. A set of plans and specifications may be obtained from the office of the purchasing agent, Room 273 Civic Center, San Diego, upon deposit of $10. 20-21

January 29, 1946
COMPLETING PLANS
LONG BEACH, Los Angeles Co., Calif.—Architect W. Douglas Lee, 401 S. Rossmore Ave., Los Angeles, is completing working drawings for a 1- and part 2-story reinforced concrete bowling alley building to contain 20 alleys, a billiard room and cocktail bar to be built at 1945 American Ave., Long Beach, for Jonah Jones and Art Morgan; 23,000 sq. ft. of floor space, 150x135 ft. in area, wood roof trusses, composition roofing, architectural concrete and plate glass front, concrete floor; estimated cost, $100,000. 20-21

January 29, 1946
PLANS BEING FIGURED—BIDS OPEN FEBRUARY 6, 2 P. M.
ALTER THEATER
OAKLAND, Alameda County, Calif. 3200 Grand Ave.
Alterations to Grand Lake Fox Theater.
Owner—Fox-West Coast Theaters, 988 Market St., San Francisco.
Architect—Otto A. Deichmann, 1026 Market St., San Francisco.

Plans are being figured by a selected list of contractors. * 20-21

22-26—RESIDENTIAL BUILDINGS

January 28, 1946
PLANS BEING FIGURED
LOS ANGELES, Calif. — Carl E. Mandel & Associates, 442 N. Oakhurst Dr., Beverly Hills, are taking general contract bids for the construction of a 2- and part 3-story apartment and hotel building at 2011-23½ N. Highland Ave., Los Angeles, for self; estimated cost, $100,000. Plans prepared by Scherer-Ayers & Associates, architects, 13,111 Ventura Blvd., Sherman Oaks. 22-26

January 29, 1946
PREPARING PLANS
LONG BEACH, Los Angeles Co., Calif.—Architect Warren A. Dedrick, 807 Heartwell Bldg., is preparing working drawings for the construction of a 95-unit apartment building (212x151 ft.) to be located at the corner of Atlantic Ave. and Ocean Blvd., Long Beach, for a client. 22-26

PLANNED
RESIDENCES Cost, $10,200-$12,150
PALO ALTO, Santa Clara Co., Calif. 660, 690 Seale Ave.; 1918, 1948, 1968, 1988, 1998 Middlefield Rd.; 1925, 1945, 1965, 1985, 1999 Byron Street.
Construction of 12 new residences with garages.
Owner — Ronald Williams, Mountain View.
Plans by Walter Schwafel, 171 University Ave., Palo Alto.
Contractor — E. G. Steinegger, 302 Myrtle St., Redwood City.

Permits have been issued by John V. Schwafel, Palo Alto city building inspector. * 22-26

January 29, 1946
PLANNED
RESIDENCES Cost $7,850-$12,500
PALO ALTO, Santa Clara Co., Calif. 724 Garland Dr.; 757, 761, 733, 769, 765, 745, 737, 753 Oregon Ave.
Construction of nine 2- and 3-bedroom residences with attached garages.
Owner — Helen van Buskirk, San Francisco.
Architect—W. E. Huson, 2499 Middlefield Rd.
Contractor — Coastwise Construction Co., 2499 Middlefield Rd.

Permits have been issued by John V. Schwafel, Palo Alto city building inspector. * 22-26

27—TRANSPORTATION BUILDINGS

January 29, 1946
CONTRACT AWARDED
ALAMEDA, Alameda Co., Calif.—Whalin Bros., 2942 23rd Ave., Oakland, at $2260, awarded contract by the U. S. Engineer Office, 74 New Montgomery St., San Francisco, under Spec. 2134-7 for the construction of two gate houses at the Alameda AAF Intransit Depot. * 27

January 29, 1946
PLANS COMPLETED
SANTA MARIA, Santa Barbara Co., Calif. — Architects Arthur E. Mann and Philip J. Daniel, 8 Gibson-Dexter Bldg., Santa Maria, have completed plans for a new Greyhound bus depot on the west side of N. Broadway, between El Camino and Tunnel Sts., Santa Maria, for Mrs. Louella Stephens and Norman Hays. 27

28-30—MISCELLANEOUS BUILDINGS

January 29, 1946
CONTRACT AWARDED
SANTA ANA, Orange Co., Calif.—Sinner Bros., 4658 Castelar St., Ocean Beach, awarded contract for the construction of a crematory building to be located near Santa Ana for the Melrose Abbey Mausoleum; 27x45 feet in area, reinforced concrete construction, concrete roof and floor. Plans prepared by Harold C. Wildman, architect, 3710 Lime Ave., Long Beach. 28-30

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PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Buildings and Utilities Spec. 17379, NOy 13211	Inyokern	2- 5
Warehouse California Natural Guard	Sacramento	2- 5

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Ward Bldgs., Stockton State Hosp., Stockton; Bids open Jan. 29, 2:00 P. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).
Empire Constr. Co., Ltd., 344 Harriet St., San Francisco (HEmlock 3400)
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)

Conversion Bldg., No. 401, S. F. Naval Shipyard, San Francisco; Bids open January 31, 11 A. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
A. Farnell Blair, 9 Main Street, San Francisco (YUkon 0390).
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).

Laboratory Bldg., Moffett Field; Bids close February 8, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
Carl N. Swenson Co., 355 Stockton Ave., San Jose (BAllard 2602).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
M. J. King, Inc., 231 Franklin Street, San Francisco (UNderhill 8209).
Peter Sorensen, 927 Arguello St., Redwood City (Redwood 2212).

Bldgs., Services, Reserve Fleet Berthing, Mare Island; NOy 13295; Spec. 17459; Bids open February 1, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Peter Kiewit Sons Co., 441 Post St., San Francisco (EXbrook 5736).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).

Expansion Sheet Metal Shop, Etc., S. F. Naval Shipyard; Spec. 17230; Bids open February 7, 11 A. M.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).

Store Bldg., Railroad Ave. and E 7th St., Pittsburg; Bids open Feb. 9, 11 AM
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Louis C. Dunn Co., 799 Monadnock Bldg., San Francisco (YUkon 1471)
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).

Motel Buildings, Oakland; Bids open January 31, 3 P. M.
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
G. W. Williams Co., 10 California Drive, Burlingame (Burl 4-1796)

Candy Factory, Ocean Ave. near 19th Ave., S. F.; Bids open Feb. 4, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).
Midstate Constr. Co., 1299 Bush St., San Francisco (ORdway 4638).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).

Tulana Farms Grain Elevator, Worden, Ore.; Bids Ipen Feb. 14, Noon.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

Tank Truck Loading Fac., Standard Oil, Richmond; Bids open Feb. 18, Noon
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980

Bldgs., Paving and Utilities, U. S. Navy Sta., Inyokern; Spec. 17379; NOy 13211; Bids open February 5, 2 P. M.
Johnson, Drake & Piper, Inc., 1736 Franklin St., Oakland (GLencourt 8011). Bids due in Oakland office February 2).
Haddock-Engineers, Ltd., P. O. Box 479, Oceanside.

Factory Bldg., Penetrators Syphon Co., Dixon; Bids open Feb. 4, 2 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Campbell Constr. Co., 800 R St., Sacramento (Sacto 3-2095).

Foster Weeks Store & Apts., Grand Ave., Oakland; Bids open Feb. 4, 3 PM
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).

Alter Grand Lake Theatre, Oakland; Bids open February 6, 2 P. M.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070):

Boat House, Golden Gate Park, S. F.; Bids open January 31, 2 P. M.
N. O. Wiseth, 711 McAllister St., San Francisco (FIllmore 1231) .

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ADVANCE CONSTRUCTION REPORTS

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

January 25, 1946

BIDS WANTED

NORTH LAS VEGAS, Clark Co., Nev.—Until February 15, 10 A. M., bids will be received by the county clerk of Clark County, Nevada, for the drilling of a well approximately 900 feet deep in the town of North Las Vegas, Nev. Bids shall include the furnishing and installing of casing and completely finishing well preparatory to installation of a pump. The first 200 feet shall be cased with 12-inch casing, the remaining depth shall be cased with 10-inch casing. Bids shall specify cost per foot for drilling and of casing. 31-32

January 28, 1946

FUNDS AWARDED

CLEARFIELD, Davis Co., Utah.—D. M. Nelson, president, Clearfield Town Board, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $1050 will be furnished the Town of Clearfield for the purpose of assisting in the preparation of plans for constructing water works additions, including a well, pump, 6000 ft. of 8-in. feeder line and appurtenances. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $30,300, to be furnished from available cash and other funds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

H. C. Jessen, located at Salt Lake City, Utah, is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Utah, and Caldwell & Richards, Salt Lake City, are the architects for the Town of Clearfield to make the final plans.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 31-32

January 29, 1946

BOND ELECTION PLANNED

LOS ANGELES COUNTY, Calif.—The Los Angeles County Board of Supervisors, 501 Hall of Records, Los Angeles, adopted a motion Jan. 22 authorizing Wayne Allen, County Administrative Officer and the County Counsel to prepare the necessary details for calling a bond election in the amount of $4,600,000 for the construction of six incinerators at sites located in San Fernando Valley, San Gabriel Valley, Hollywood, Norwalk and the metropolitan area. 31

January 29, 1946

TO ASK BIDS

SALINAS, Monterey Co., Calif.—Harry N. Jenks, 345 Madrono Ave., Palo Alto, consulting sanitary engineer, is completing plans for construction of additions to the City of Salinas' sewage disposal plant to include communitors and a vacuator; estimated cost, $50,000.

Bids will be asked upon completion of plans * 31-32

33—BRIDGES

January 29, 1945

BIDS WANTED

SOLANO COUNTY, Calif. — Until February 27, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for repairing a bridge fender across Napa River at west city limits of Vallejo, Solano County, Calif.

The work involves:

(1) 14 each remove existing piles;
(2) 3.5 M ft. B.M. Douglas fir timber;
(3) 12 M ft. B.M. treated Douglas fir timber;
(4) 3000 lbs. hardware;
(5) 4125 lin. ft. furnish treated Douglas fir piles;
(6) 55 each driving piles;
(7) electrical work;
(8) miscellaneous items of work.

The state will furnish one navigation light in connection with item 7. * 3

January 29, 1946

BIDS WANTED

MERCED, Merced Co., Calif.—Until February 18, 11 A. M., bids will be received by the Board of Supervisors of Merced County, R. W. Cothran, clerk, County Courthouse, Merced, for the construction of the following:

Bridge No. 381—Pile timber bridge over Owens Creek on the Le Grand-Planada Rd., in Section 35, T. 7, S.R. 15 E. M. D. B. & M.;

Bridge No. 382—Pile, timber bridge over Miles Creek on the east line of Section 3, T. 8 S. R. 14 E.;

Bridge No. 383—Pile, timber bridge over Deadman's Creek on Le Grand-Minturn Rd., on the west line of Section 30, T. 8 S. R. 16 E.;

Bridge No. 384—Reconstruction of timber bridge on present concrete headwalls and footings over canal on the Ingomar Quinto Rd. at the southwest corner of Section 9, T. 9 S. R. 9 E.;

Bridge No. 385—Pile, timber bridge over Fairfield Canal on the Grimes Rd. at the southwest corner of Section 13, T. 7 S. R. 14 E.

Plans and specifications on file in the office of said Board of Supervisors and copies may be obtained from the office of W. E. Bedesen, county surveyor, upon deposit of $10, returnable.

Bids will be received on bridges separately as set out in the form of bid.

Each bid shall be made out on a form to be obtained at the office of W. E. Bedesen, county surveyor, Merced; must be accompanied by a certified check or cashier's check equal to 10% of the amount of the bid, made payable to the order of the chairman of the Board of Supervisors. * 33

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January 29, 1946

CONTRACT AWARDED

LOS ANGELES, Cal.—Oberg Bros. 401 W Redondo Blvd., Inglewood, at $141,946.50 awarded contract by the State Division of Highways, C. H. Purcell, State Director of Public Works, Sacramento, for construction of reinforced concrete overcrossing on Hollywood Parkway at Rosemont Ave., Los Angeles. * * 33

34—DAMS, RESERVOIRS & DREDGING

January 25, 1946

PLANS APPROVED

SAN DIEGO, Calif.—The San Diego City Council, Fred A. Rhodes, city manager, has approved architectural sketches and authorized the preparation of plans and specifications and the acquisition of the site at Lake Murray dam for the construction of a water purification plant for the city of San Diego. The plant is being designed to handle locally developed and Colorado River water. The City Council hopes to have the plans and specifications ready to authorize a call for bids within a few weeks. 34

January 29, 1946

LOW BIDDERS

ALAMOGORDO, N. M.—Jones Construction Co., at $84,164.24, submitted low bid January 25 to the City of Alamogordo, N. M., office of the city clerk, City Hall) Alamogordo, N. M., for the construction of an earth-fill dam and water storage reservoir at Alamogordo. Plans were prepared by Ashley C. Classen & Associates, consulting engineers, 412 Martin Bldg., El Paso, Texas.

Second and third low bidders were: Llewellyn Construction Co., $106,866.55.

Thyges

36— PARKS, AIRPORTS & PLAYGROUNDS

January 29, 1946

BIDS WANTED

ST. GEORGE, Utah.—As previously reported, until February 18, 10 A. M., bids will be received by the Civil Aeronautics Administration, 1509 4th St., Santa Monica, for clearing, grading, graveling, sealing northeast-southwest runway, and clearing, grading and smoothing northwest-southeast landing strip, construction of a 16x24 ft. sectinal steel frame watchhouse building at St. George, Utah, intermediate field and related work; Proposal No. 6-46-129.

The work involves:

153 acres clearing and grubbing;
71,000 cu. yds. grading, unclassified;
8800 cu. yds. grading, rock;
64,000 cu. yds. borrow, unclassified;
8700 M gallons watering;
2800 lin. ft. 12-in. corrugated metal pipe;
520 lin. ft. 18-in. corrugated metal pipe;
35 cu. yds. concrete;
15 each catchbasin grates and frames;
23,000 lin. ft. fence, class D;
21,200 cu. yds. gravel base course;
50 acres smoothing;
43,000 gallons MC-2 liquid asphalt.

The work also includes the construction of the above mentioned 16x24 ft. sectional steel watchhouse building, including wiring, framing, etc.; septic tank sewage system, sidewalks, 8x12 ft.; type S telephone terminal building, installation of antenna poles and miscellaneous related work in connection with the establishment of control quarters for an airways communication station at the St. George, Utah, landing field.

Plans and specifications available at the above office. 36

January 29, 1946

PERMIT SOUGHT

SAN FERNANDO VALLEY, Los Angeles Co., Calif.—Elmer Cain, editor of the Los Angeles Daily Journal, 121 N. Broadway, Los Angeles, in partnership with Chester L. Keasling, an engineer at Lockheed Aircraft, and A. T. Andrews, are seeking a permit to establish, maintain and operate a private airport on 80 acres of land on the northeast corner of Reseda Blvd. and Devonshire St., San Fernando Valley, to be known as Northridge Field Airports, Inc. A hearing has been set by the zoning administrator for January 31.

The owners stated that if permission was not granted for this particular site, another would be found in the "Valley" and that this is the first unit of 30 similar ones that will be constructed at approximately 300-mile intervals from El Paso, Texas, to Seattle, Wash. Architect E. Dean Cowley, 245 E. Olive St., Burbank, is preparing plans and specifications.

The project involves the construction of two 2400-ft. asphalt runways, two tennis courts, a putting green, parking area for 250 cars and the following masonry buildings: 9 hangars to house 118 plans, auto service station, 50x80 ft.; auto service, 40x80 ft.; engine overhaul, 80x100 ft.; aircraft overhaul, 30x40 ft.; aircraft service, 20 unit airportel; 2-story 150x60 ft. administration building containing a restaurant and clubhouse; 20x30 ft. sales office; 30x150 ft. parts stock room; 30x250 ft. aircraft display room; 60x120 ft. swimming pool and a steel control tower. 36

38— ELECTRIC LIGHTING TRANSMISSION LINES

January 29, 1946

BIDS OPENED

CAMPO, San Diego Co., Calif.—Theodore Scott, 4405 S Normandie Ave., Los Angeles, at $26,724.94 submitted low bid to the Lowe Co., engineers and consultants, 315 Architects' Bldg., Los Angeles, Jan. 24, for the construction of 7.5 miles of electric transmission line and 1000 kva substation near Campo, about 60 or 70 miles east of San Diego, for the Mountain Empire Electric Cooperative, a Rural Electrification Administration project. The line will begin 0.5 mile west of Laguna Junction along Highway 80, to about 7 miles south of Buckner Springs.

The bids were:

Theodore Scott, $26,724.94.
Philard, Inc., $28,058.97.
Schurr & Finlay Electric Co., $28,402.16.
Vancott Co., $28,697.24.
Utilities Service and Grimes Elec. Co., $28,813.65. * * 38

39—SEWERS

January 29, 1946

BIDS WANTED

CALISTOGA, Napa Co., Calif.—Until February 8, 8 P. M., bids will be received by the City Council of the City of Calistoga, George C. Locey, city clerk, City Hall, for the construction of two 8-inch sewer lines, a 4-inch steel water line and a 6-inch steel water line in Calistoga, as follows:

(1) an 8-in. sanitary sewer line from the manhole at the intersection of Wapoo Ave. with Grant St., along Wapoo Ave. to and across the State Highway, along said highway to a point indicated on plan, a distance of 1730.0 ft.;
(2) an 8-in. sanitary sewer line in Railroad Ave. from the manhole at the intersection thereof with Lake St. to a point on the Calistoga fair grounds, a distance of 1233.0 ft.;
(3) a 4-in. 10-gage spiral welded, dipped and wrapped water line in Railroad Ave. from the existing main on Lake St. to a point on the Calistoga fair grounds, a distance of 1400.0 ft.;
(4) a 6-in. 10-gage spiral welded, dipped and wrapped water line from the end of the existing main on Washington Ave., across and along Grant St., along Wapoo Ave., the State Highway and the Silverado Trail, a distance of 4400.0 ft.

Separate proposals are required on each of the sewer lines and on each of the water lines.

Alternate proposals on the water lines are requested as follows:

(1) for pipe and accessories only;
(2) for labor and equipment for installation of all pipe and accessories;
(3) for furnishing and installation complete of all material.

Specifications obtainable from the above office of the city clerk.

Each bid must be accompanied by certified check or bidder's bond in amount of 10% of bid, payable to the City of Calistoga. * 39

January 29, 1946

BIDS WANTED

TRACY, San Joaquin Co., Calif.—Until February 19, 8 P. M., bids will be received by the office of the city clerk, Charles E. De Freitas, City Hall, Tracy, for the construction of 8-in. and 10-in. vitrified clay lateral and intercepting sewers, and water distribution lines consisting 4-in., 6-in. and 8-in. cast iron pipe with valves, valve boxes, hydrants and the necessary fittings, and the final testing and sterilization of the lines.

Plans and specifications may be obtained from the office of the city clerk upon deposit of $25.

Each bid must be accompanied by cashier's check or certified check in amount of 5% of bid. * 39

40— STREETS AND HIGHWAYS

January 29, 1946

COST OF PLANS

LOS ANGELES COUNTY, Calif.—G. T. McCoy, California State Highway Engineer, Sacramento, Calif., has announced cost of plans as follows:

VII-L.A-Term. Is., on Terminal Island Freeway, between Henry Ford Ave. and Willow St.: Plans (including sales tax), $6.30; cross-sections (including sales tax), $12.15; total cost plans and cross-sections (including sales tax), $18.45.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif.

Blue prints of plans are sold at cost and are not returnable for refund. 40

January 29, 1946

NOTICE

LOS ANGELES COUNTY, Calif.—A representative of the district office will accompany prospective bidders over the proposal project in Los Angeles County, road VII-L.A-Terminal Island, for which bids are to be received in Los Angeles on February 21, 1946.

Said representative will meet prospective bidders at the north end of the Henry Ford plant on Henry Ford Ave. on Wednesday, February 13, 1946, at 10 A. M., and on Tuesday, February 19, 1946, at 10 A. M.

Prospective bidders are urged to cooperate with the district office and arrange to make their field inspection on the above dates. 40

January 29, 1946

BIDS WANTED

CONTRA COSTA COUNTY, Calif.—Until February 27, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about two and three-tenths miles in length to be graded and paved with portland cement concrete in Contra Costa County between Concord Ave. and four-tenths mile west of Ohmer Station.

This is a national defense contract.

The work involves:

(1) 280 cu. yds. remove concrete;
(2) clearing and grubbing;
(3) 107,000 cu. yds. roadway excavation;
(4) 550 cu. yds. structural excavation;
(5) 50 cu. yds. ditch and channel excavation;
(6) 16,000 sq. yds. compact original ground;
(7) 42,000 tons imported base material;
(8) 3,200,000 sta. yds. overhaul;
(9) 21,500 sq. yds. prepare class C subgrade;
(10) develop water supply and furnish water equipment;
(11) 2600 M gallons apply water;
(12) 123 sta. finish roadway;
(13) 7000 tons crusher run base;
(14) 50 tons liquid asphalt MC-1 prime coat and penetration treatment;
(15) 21 tons liquid asphalt MC-2 penetration treatment;
(16) 155 tons sand penetration treatment;
(17) 20 tons asphaltic emulsion seal coat;
(18) 120 tons screenings seal coat;
(19) 3400 tons minimum aggregate plant mix surfacing;
(20) 175 tons paving asphalt plant mix surfacing;
(21) 300 lin. ft. raised bars;
(22) 4875 cu. yds. portland cement concrete pavement;
(23) 3500 each tie bolt assemblies;
(24) 65 cu. yds class A portland cement concrete structures;
(25) 75 cu. yds. class B portland cement concrete curbs;
(26) 40 each monuments;
(27) 400 lin. ft. laminated guard railing;
(28) 18 each culvert markers and project markers;
(29) 58 each guide posts;
(30) 3.3 miles new property fence;
(31) 0.3 mile remove and reconstruct existing property fence;
(32) 54 lin. ft. 15-in. reinforced concrete pipe, standard strength;
(33) 56 lin. ft. 21.in reinforced concrete pipe, standard strength;
(34) 660 lin. ft. 24-in. reinforced concrete pipe, standard strength;
(35) 56 lin. ft. 27-in. reinforced concrete pipe, standard strength;
(36) 37 lin. ft 18-in. reinforced concrete pipe, extra strength;
(37) 48 lin. ft. 21.in reinforced concrete pipe, extra strength;
(38) 10 lin. ft. 8-in. CMP downdrains, 16 gage;
(39) 1 each spillway assembly;
(40) 3500 lbs. bar reinforcing steel;
(41) 1 each frame and cover for drop inlet. * 40

41—GAS, WATER AND OIL PIPE LINES

January 29, 1946

CONTRACT AWARDED

SANTA ANA, Orange Co., Calif.—Macco Construction Co., 815 N. Paramount Blvd., Clearwater, at approximately $81,000, awarded contract by the Wilshire Oil Co., Inc., 1206 Maple Ave., Los Angeles, for the installation of approximately 30,000 lin. ft. of 6-in. steel pipeline on Bushard St. and Quincy St., also known as Adams St., Orange County, for the purpose of transporting oil, gas, gasoline, etc. A franchise for the line was recently granted by the Board of Supervisors of Orange County. * 41

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Misc. Supplies & Materials 42
Machinery and Equipment 43

42— MISC. SUPPLIES AND MATERIALS

January 29, 1946

BIDS WANTED

SAN FRANCISCO—Until February 15, 2 P. M., bids will be received by the U. S. Treasury Department, 30 Van Ness Ave., San Francisco, under Inv. SF-2774-46 for 48 fiber door mats, 30x36 inches, delivered to 650 5th St., San Francisco.

Specifications obtainable from the above office. * 42

January 29, 1946

DENVER, Colo.—Until February 5, 2 P. M., bids will be received by the Bureau of Reclamation, Office of Director of Finance, Custom House, Denver 2, Colo., under Inv. No. D-33,-265-A for furnishing and delivering materials f.o.b. shipping point and/or Marysville, Calif., as follows:

(1) 2400 suspension clamps for 795,000 circular mil aluminum conductor, steel-reinforced, with armor rods having an outside diameter over the armor rods of 2.04 inches;
(2) 200 suspension clamps for 500,000 circular mil, General Cable Corp. type HH, hollow copper conductor having an outside diameter of 1.10 inches. The clamp body shall not be less than 16 inches in length;
(3) 2200 suspension clamps for 500,000 circular mil General Cable Corp. type HH, hollow copper conductor having an outside diameter of 1.10 inches. The clamp body shall not be less than 11 inches in length;
(4) 2400 same as item 3, except for expanded type of copper conductor having an outside diameter of 1.10 inches.

Specifications obtainable from the above office; also on file at the office of DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco. * 42

January 29, 1946

BIDS WANTED

SAN FRANCISCO—Until February 12, 2 P. M., bids will be received by the U. S. Department of Agriculture, Forest Service, 447 Sansome St., San Francisco 11, under Bid No. 361 for 225 lbs. shroud line delivered to Redding, Calif.

Specifications obtainable from the above office. * 42

January 29, 1946

NOTICE OF SALE

SAN FRANCISCO—Until February 12, 2 P. M., bids will be received by the U. S. Department of Agriculture, Forest Service, 447 Sansome St., San Francisco, under Inv. No. 357 for the sale of one lot of Caterpillar tractor parts as per specifications, located at U. S. Forest Service shop, 1611 Sharps Lane, Stockton, Calif.

Specifications obtainable from the above office; also on file at the office of DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco. * 42

January 29, 1946

BIDS WANTED

SAN FRANCISCO—Until February 8, 2 P. M., bids will be received by the U. S. Department of Agriculture, Forest Service, 447 Sansome St., San Francisco 11, under Bid No. 359 for six telephones, portable, Model C, Forest Service specification No. 25, delivered to Willows, Calif.

Specifications obtainable from the above office. * 42

January 29, 1946

BIDS WANTED

SAN FRANCISCO—Until February 12, 2 P. M., bids will be received by the U. S. Department of Agriculture, Forest Service, 447 Sansome St., San Francisco 11, under Bid No. 360 for 686 pieces burlap for cargo parachutes, 9x9 feet, delivered to Redding, Calif.

Specifications obtainable from the above office. * 42

January 29, 1946

NOTICE OF SALE

SAN FRANCISCO—Until February 8, 2 P. M., bids will be received by the U. S. Department of Agriculture, Forest Service, 447 Sansome St., San Francisco 11, under Inv. No. 358 for the sale of one lot of used tires, sizes as per specifications, located at U. S. Forest Service shop, 1611 Sharps Lane, Stockton, Calif.

Specifications obtainable from the above office. * 42

January 29, 1946

BIDS WANTED

SAN FRANCISCO—Until February 8, 10 A. M., bids will be received by the division engineer, Pacific Division, San Francisco Real Estate Sub-office, 351 California St., San Francisco 19, under Inv. No. SFRE-4-46 for the sale of property located as follows:

Parcel 1—At the foot of Webster St., off Marina Blvd.

Parcel 2—On the south side of the Western Pacific Railroad Co. freight slip near the intersection of 25th St. and Massachusetts St.

Parcel 3—At the Fort Funston military reservation, which is located west of the Skyline Highway and south of Fleishhacker Playfield.

Specifications obtainable from the above office. * 42

January 29, 1946

NO BIDS RECEIVED

LOS ANGELES, Calif. — No bids were received by A. J. Holm, Los Angeles City Purchasing Agent, Rm. 107, City Hall, Los Angeles, Jan. 24, for the fabricating, bending and delivering of 85,000 lbs. of reinforcing steel to the Bureau of Maintenance and Sanitation, fob Municipal Asphalt Plant No. 1; Schedule No. 4822. * 42

January 29, 1946

BIDS WANTED

KINGSBURG, Fresno Co., Calif.—Until February 11, 8 P. M., bids will be received by the board of trustees of the Kingsburg Joint Union High School District, Dr. E. A. Larson, clerk, Kingsburg, Calif., for furnishing and delivering of building materials and supplies, such as sand, gravel, cement, transit mix concrete, reinforcing steel, lumber, plastering materials, roofing materials, plumbing materials, electrical materials, steel window sash, mill work, paints, etc., to be used in the erection and construction of a swimming pool and shower rooms to be located on the high school site in Kingsburg, Calif. All materials to be delivered to site of construction.

Bids must be accompanied by a certified check of at least 10% of the total amount of bid.

Specifications obtainable from the office of the high school, Kingsburg, Calif. * 42

43— MACHINERY AND EQUIPMENT

January 29, 1946

BIDS WANTED

MODESTO, Stanislaus Co., Calif.—Until February 13, 7:30 P. M., bids will be received by the City of Modesto, Rex E. Gailfus, city clerk, City Hall, for furnishing and delivering two new 4-door sedans, 1946 model, for the police department.

Specifications obtainable from the above office.

Each bid must be accompanied by certified check, bidder's bond, cashier's check or cash in amount of 10% of bid, payable to City of Modesto. * 43

January 29, 1946

BIDS WANTED

DENVER, Colo.—Until March 12, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1161 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Louise, Ariz., at the option of the bidder, five gate frames for the 17.5- by 34.66-ft. fixed-wheel gates for installation in the penstock structure at Davis Dam, Davis Dam Project, Kingman, Ariz. The gate frames will be installed by the government. The specifications do not contain a provision for liquidated damages for delay. No charge for copies of the specifications to prospective bona fide bidders; to others, $1, not returnable. For particullars, address the Bureau of Reclamation, Denver, Colo. * 43

January 29, 1946

BIDS WANTED

MODESTO, Stanislaus Co., Calif.—Until February 13, 7:30 P. M., bids will be received by the City of Modesto, Rex E. Gailfus, city clerk, City Hall, for furnishing and delivering three trucks.

Specifications obtainable from the above office.

Each bid must be accompanied by cash, certified check or bid bond in amount of not less than 10% of bid, payable to the City of Modesto. * 43

January 29, 1946

BIDS WANTED

MODESTO, Stanislaus Co., Calif.—Until February 4, 7:30 P. M., bids will be received by the Modesto City School District, E. D. Abbott, secretary, Capitol School Bldg., 14th St. between H and I Sts., Modesto, for the purchase of two 55-passenger school busses.

Specifications obtainable from the above office. * 43

January 29, 1946

BIDS WANTED

WASHINGTON, D. C.—Until Wednesday, February 6, bids will be received by the U. S. Maritime Commission, Washington, D. C., for the sale of 26 water-jet propelled fireboats, used by the Coast Guard. The surplus Coast Guard craft are 30 ft. long with a steel hull resembling a flat-bottom skiff and depend on a water stream from the big fire pumps to push them at 7 miles per hour. The pumps have a capacity of 2000 gallons per minute. Three of the boats are located at San Pedro. 43

January 29, 1946

BIDS WANTED

REDDING, Shasta Co., Calif.—Until February 28, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1160 for furnishing and delivering f.ob. cars at the shipping point or f.o.b. cars at Coram and at Redding, Calif., at the option of the bidder, fabricated structural steel for the 230-kv. switchyard, Shasta Power Plant, and 230-kv. switchyard and 230-kv. transformer circuits, Keswick Power Plant, Kennett Division, Central Valley Project, California. The structures will be erected by the government. The specifications do not contain a provision for liquidated damages for delay. No charge for copies of the specifications to prospective bona fide bidders; to others, $1.25, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colo. * 43

January 29, 1946

BIDS WANTED

REDDING, Shasta Co., Calif.—Until March 4, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1157 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Redding, Calif., at the option of the bidder, ventilating equipment for installation in the Keswick Power Plant, Central Valley Project, California. All of the equipment will be installed by the government. The specifications do not contain a provision for liquidated damages for delay. No charge for copies of the specifications to prospective bona fide bidders; to others, $0.75, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colo. * 43

January 29, 1946

BIDS WANTED

COALINGA, Fresno Co., Calif.—Until Feb. 13, 7:30 P. M., bids will be received by the Board of Trustees, Charles L. Kaiser, Clerk, Coalinga Union High School Dist., for one 73-passenger transit type school bus equal to a Gilling Bros. transit coach model 450-46-73.

Specifications obtainable from the above office. * * 43

January 29, 1946

BIDS WANTED

FRESNO, Calif.—Until January 31, 10 A. M., bids will be received by D. E. Roughton, city clerk, Fresno, for the purchase of six motorcycles, f.o.b. Fresno.

Specifications obtainable from the above office. * 43

January 29, 1946

NO BIDS RECEIVED

LOS ANGELES, Calif. — No bids were received by A. J. Holm, Los Angeles City Purchasing Agent, Rm. 107, City Hall, Los Angeles, Jan. 24, for 54,000 lbs. of structural steel to be fabricated and delivered to the Bureau of Maintenance and Sanitation, City of Los Angeles; Schedule No. 4821. * 42

January 29, 1946

BIDS WANTED

SAN DIEGO, Calif.—Until Feb. 1, 11 A. M., bids will be received by the U. S. Navy, Material Redistribution and Disposal Office, 542 South Broadway, Room 220, Los Angeles, for the sale of turrett assemblies, packed in original crates, including 78 turrets, 548 lbs. each, Emerson Electric Mfg. Co.; 38 of same, 615 lbs., Southern Aircraft Corp.; and 347 of same, 588 lbs., Engineering & Research Corp., located at Lyon Van & Storage Co., 1335 Crosby, San Diego; Sales Catalog No. B-341-46.

Specifications available at above office. * 43

$30,000,000 cash ...on the line

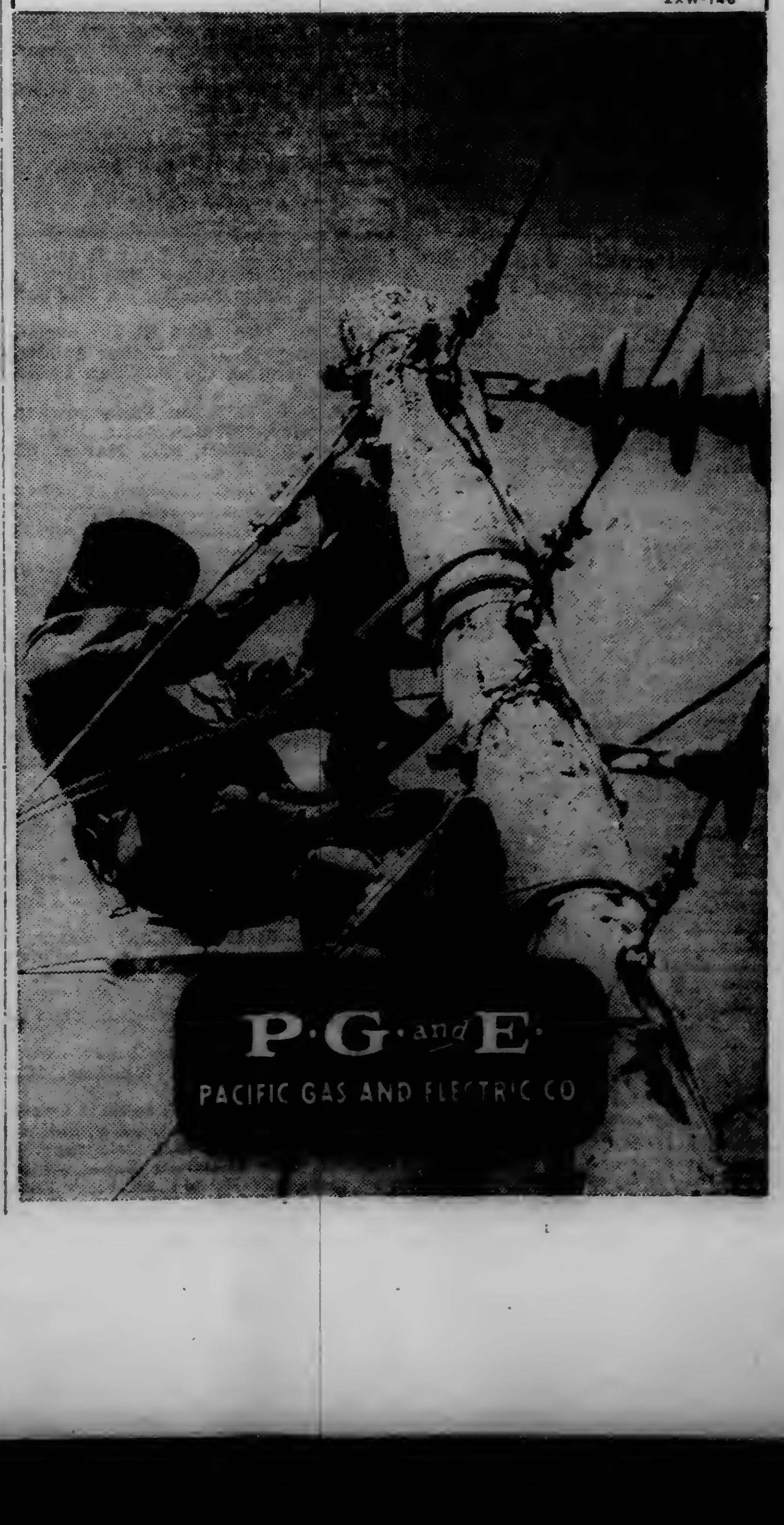
In 1946, your gas and electric company will spend thirty million dollars "on the line"..the power line, the gas line and the job line ... for improvements and new construction.

That is our projected construction budget in this new year of 1946 for plant and line improvements—better to serve Northern California.

This thirty million dollars is money spent for the future growth of this area. And we in Northern California must look ahead and be prepared. This is a time to get ready for the growth of new businesses, small or large; for the expansion of local factories or of larger industries backed by outside capital. It is a time to create jobs for our increased population and the development of markets for the products of factory and farm.

The Pacific Gas and Electric Company is now running a series of colorful advertisements in leading national magazines to attract new business and new industries to Northern California. It is a campaign that aims at the live interest of Eastern industries in moving westward. Your gas and electric company will keep ahead of this growth through its multi-million dollar improvement program by providing an abundant supply of electric power and natural gas fuel at rates among the lowest in the nation.

2XW-146



Building Permits, Contracts---Recorded Notices

BUILDING PERMITS

Building Permits, $1,000 and Over, Applied For

SAN FRANCISCO COUNTY

ALTER FURNITURE STORE
130 HAYES STREET
Owner—K E Parker Co, 135 South Park.
Builder—Parker, Steffens & Pearce, 155 South Park.
Engineer—Geo Washington, 417 Market Street. $10,000
(App No 85617).

DWELLINGS, two 2-story frame
SW LOS PALMOS and Lulu Alley; SW Burlwood Dr and Lulu Alley.
Owner and Builder—Theo G Meyer, 200 Quint St
Architect—Not Given. $9,000 each
(App Nos 85610-11).

ALTER OFFICE BLDG
815 BATTERY STREET
Owner—National Biscuit Co, c/n contractor.
Contractor—Barrett & Hilp, 918 Harrison Street.
Architect—Not Given. $6,815
(App No 85634).

DWELLING, 1-STORY FRAME
E 38th AVE 100 S MORAGA.
Owner and Builder—T E Hohler, Jr, 626—36th Ave.
Architect—Not Given. $6,250
(App No 85615)

DWELLINGS, six 1-story frame
NW COR 33rd AVE and Pacheco; NE 34th and Pacheco; N Pacheco 70, 95, 120, 145 E 34th Ave.
Owner & Builder—State Home Bldrs, 320 Judah St.
Architect—Not Given. $5870 each
(App Nos 85601 to 06)

ALTER BUILDING
815 BATTERY STREET.
Owner—National Biscuit Co, c/n contractor.
Contractor—Barrett & Hilp, 918 Harrison Street.
Architect—Not Given. $5,729
(App No 85635).

DWELLING, 1-STORY FRAME
SE 48th AVE and Moraga.
Owner—Gus Moeller and Sons, 6260 Geary Blvd.
Contractor—Arensen Constr Co, 4430 Cabrillo St.
Architect—Not Given. $5,000
(App No 85614).

DWELLING, 1-STORY FRAME
E 18th AVE 200 S Moraga.
Owner—August Hallgren, 1594 29th Avenue.
Architect—Not Given. $5,000
(App No 85632).

ALTER RESTAURANT and cocktail lounge.
NW COR TURK and Taylor Streets.
Owner—T G Boylarides, c/o cntr.
Contractor—Geo O Bendon, 2195 32nd Avenue.
Architect—Not Given. $5,000
(App No 85616)

ALTER dwelling to four apts.
Owner—Jos Solache, premises.
Contractor—D B Helseth, 89 Mirlam St, Daly City.
Architect—Not Given. $4,000
(App No 85607).

DWELLING, 1-STORY FRAME
N RIVIERA 107.6 E 48th Ave.
Owner—Gus Moeller & Sons, 6260 Geary Blvd.
Contractor—Arnesen Constr Co, 4430 Cabrillo St.
Architect—Not Given. $4,000
(App No 85613).

ALTER APTS
715 LEAVENWORTH STREET.
Owner—Julia A Phelan, premises.
Architect—Not Given $3,000
(App No 85618).

ALTER Dental Laboratory
202 HEMLOCK STREET.
Owner—L Ivory, c/o cntr.
Contractor—William Horstmeyer, 23 Mars Street.
Architect—Not Given. $2,500
(App No 85608).

ALTER BAR
486 ELLIS STREET.
Owner—Williams, 486 Ellis St.
Contractor—H C Glambruno, 4139 MacArthur Blvd, Oakland.
Architect—Not Given. $2,000
(App No 85619).

ALTER FLATS
845 TREAT AVENUE
Owner—Geo Guuzman, 225 Acacia.
Contractor—Jos 9 Perez, 56 Mirabel.
Architect—Not Given. $2,000
(App No 85624).

ALTER OFFICE
140 TENTH STREET.
Owner—Feldman & Eilers, premises.
Contractor—A C Heglin, 1451 27th Avenue.
Architect—Not Given. $1,800
(App No 85620)

CLASS C STEEL BLDG
W BAYSHORE Blvd 95 S Cosgrove.
Owner—Western Eye Protection Co, 380 Bayshore Blvd.
Contractor—Barrett & Hilp, 918 Harrison St.
Architect—Not Given. $1,800
(App No 85636).

Building Permits, $1,000 and Under, Applied For

SAN FRANCISCO COUNTY

ALTER dwelling, $750; 125 Benton; owner, Mr Schudel, prem; contractor, F A Soracco, 2659 45th Ave.

ALTER dwelling, $560; 539 Cayuga; owner, Nick Lempres, prem; contractor, Bergstrom & Larrick, 305 Prospect.

SIGN, electric, $550; 521 Clement St; owner, Gretchen Bakery, premises; contractor, QRS Neon Co, 690 Potrero Ave.

ALTER restaurant, $500; 565 Pacific St; owner, P J Zevas, 2339 Bush; contractor, Aetna Constr Co, 1730 24th Ave.

ALTER apts, $500; 1655 Jones St; owner, Mrs R Payne, 64 Pleasant Avenue.

ALTER office bldg, $400; 206 Sansome St; owner, Gibraltar Securities Co, premises; contractor, Jas Low, 544 Ramsell St.

SIGN, electric, $400; 246 Eddy St; owner, Downtown Liquor Store, 246 Eddy St; contractor, QRS Neon Co 690 Potrero Ave.

ALTER dwelling, $300; 1572 8th Ave; owner, T L Selchau, prem; contractor, R V McAninch, 2090 10th Avenue.

SIGN, electric, $300; 1200 Larkin St; owner, W L Hughson, prem; contractor, Elec Prod Co, 910 Harrison St.

ALTER store, $250; 1625 Buchanan; owner, D M Tatsuno, prem; contractor, S Handa, 1866 Sutter St.

SIGN, electric, $175; 2976 24th St; owner, Standard Oil Co, prem; contractor, Elec Prod Co, 910 Harrison St.

SIGN, electric, $150; 350 Ellis St; owner, Angelica Jacket Co, prem; contractor, QRS Neon Co, 690 Potrero Ave.

BILLBOARD, $90; SE Lawton and 25th Ave; owner, Foster & Kleiser, 1675 Eddy St; contractor, F A Soracco, 2659 45th Ave.

ALTER home, $35; 1201 Fitzgerald; owner and contractor, L Carney, 1201 Fitzgerald Ave.

Building Permits, $1,000 and Over, Applied For

ALAMEDA COUNTY

ALTERATIONS
2424 FOURTH, BERKELEY.
Owner and Builder—California Packing Corp., 101 California St., San Francisco.
Architect—Not Given. $10,000

6-ROOM DWELLING
1603 PARKER, BERKELEY.
Owner—A. Stone, 3016 King.
Builder—Waldo E. Bethel, 1338 67th.
Architect—Not Given. $5,500

ALTERATIONS
1726 GRANT, BERKELEY.
Owner—E. B. Suitzer, 1726 Grant.
Builder — Peerless Built-In Fixture Co., 2608 San Pablo.
Architect—Not Given. $2,200

ALTERATIONS
31 MENLO PLACE, BERKELEY.
Owner—A. McKelligan, 31 Menlo Pl.
Builder—A. J. Hopper Co., 243 Langton St., San Francisco.
Architect—Not Given. $2,000

ROOF
2455 PROSPECT, BERKELEY.
Owner—M. E. Gunter, 2455 Prospect.
Builder—Elliott & Elliott, 2336 Market, Oakland.
Architect—Not Given. $1,050

ADDITION TO CHURCH
6118 E. 14TH ST., OAKLAND.
Owner and Builder—Calvary Temple, 6118 E. 14th St.
Architect—B. R. Hardman, 2068 Allston Way, Berkeley. $20,000

1-STORY STEEL SHOP
509 MARKET ST., OAKLAND.
Owner and Builder—Arnold H. Clausen, 608 16th St.
Architect—Not Given. $18,000

ALTERATIONS
3212 E. 14TH ST., OAKLAND.
Owner and Builder — Jean Maters, Inc., 2021 Broadway.
Plans by Leo Roselyns, 821 Market St., San Francisco. $11,000

1-STORY 7-ROOM DWELLING
5600 CASTLE DR., OAKLAND.
Owner—H. G. Nostrand, 5680 Thornhill Dr.
Builder—L. H. Roth, 1340 E. 38th St.
Architect—Not Given. $10,000

1-STORY 5-ROOM DWELLING
10189 FOOTHILL BLVD., OAKLAND
Owner—A. C. Larsen, 7534 Foothill Blvd.
Builder—Roy Johnson, 1549 7th Ave.
Architect—Not Given $8,800

1-STORY 4-ROOM DWELLING
1438 82ND AVE., OAKLAND.
Owner and Builder—Bethel & Yager, 2504 10th Ave.
Architect—Not Given. $5,280

1-STORY 5-ROOM DWELLING
1414 HAVENSCOURT BLVD., OAKLAND.
Owner and Builder—Matt J. Pittlick, 1418 Havenscourt Blvd.
Architect—Not Given. $4,000

1-STORY 4-ROOM DWELLING
1075 72ND AVE., OAKLAND.
Owner and Builder—Paul O. Manig, 2638 75th Ave.
Architect—Not Given. $3,500

ADDITION
4170 RIFLE LANE, OAKLAND.
Owner—Art Cavanaugh, 4170 Rifle Lane.
Builder—John Militello, 5825 Fremont.
Architect—Not Given. $3,500

2-STORY 4-ROOM DWELLING
4361 ADELAIDE ST., OAKLAND.
Owner and Builder—Michael G. Kelly, 4432 Harbor View Ave.
Architect—Not Given. $3,000

1-STORY 4-ROOM DWELLING
1079 72ND AVE., OAKLAND.
Owner and Builder—Paul O. Manig, 2638 75th Ave.
Architect—Not Given. $3,000

1-STORY STORE BUILDING
10823 MacARTHUR BLVD., OAKLAND.
Owner and Builder—Chris Thim, 7120 Sheffield Ave.
Architect—Not Given. $2,000

2-STORY ADDITION
1522 MYRTLE ST., OAKLAND.
Owner—Mon Loy, 1522 Myrtle St.
Builder—Economy Builders, 476 37th.
Architect—Not Given. $1,500

ALTERATIONS AND ADDITION
3316 E. 16TH ST., OAKLAND.
Owner—J. Wagner, 3316 E. 16th St.
Builder—C. A. Williams, 5307 Fairfax Ave.
Architect—Not Given. $1,000

PERMITS UNDER $1,000

ALAMEDA COUNTY

REPAIRS, $850; 1324 Russell; owner, Herman C Claybrook, 1324 Russell; builder, Dillon Roofing Co, 5212 San Pablo, Oakland.

REPAIRS, $800; 1606 Blake; owner, N Hashiguchi, 1606 Blake; builder, Dillon Roofing Co, 5212 San Pablo, Oakland.

ROOF, $660; 1337 San Pablo; owner, P Crowley, 1337 San Pablo; builder, Elliott & Elliott, 2336 Market St, Oakland.

ROOF, $600; 1995 University; owner, Page Lamareaux, 1995 University; builder, W L Saxby, 4538 Fleming Ave, Oakland.

ALTERATIONS, $500; 1043 Cragmont; owner, F Oberlander, 1043 Cragmont; builder, C V Garrett, 1441 San Pablo, El Cerrito.

LOADING PLATFORM, $500; 1314 Rose; owner, Golden Gate Warehouse, 1314 Rose; builder, Clarence I McGilliard, 1314 Rose.

SHED, $500; 1314 Rose; owner, Golden Gate Warehouse, 1314 Rose; builder, Clarence I McGilliard, 1314 Rose.

DEMOLISH, $500; 2433 Ward; owner and demolisher, H Kentz and Max Greene, 1010 Page St.

ROOF, $350; 2344 Telegraph; owner, Watts Tile Co, 2344 Telegraph; builder, Dillon Roofing Co, 5212 San Pablo, Oakland.

ROOF, $350; 1609 Walnut; owner, J R Smithers, 1609 Walnut; builder, Evertite Roofing Co, 2309 Milvia.

ALTERATIONS, $300; 2021 Channing; owner and builder, Chas D Jarrett, 2444 Carlton.

REPAIRS, $300; 1611 Julia; owner and builder, Ethel Williams, 1611 Julia.

ROOF, $277; 2919 Deakin; owner, Chas A Gunn, 2919 Deakin; builder, United Roofers, 5922 Telegraph.

ROOF, $250; 35 Bonnie Lane; owner, Lengle, 35 Bonnie Lane; builder, Paul J De Smidt, 2316 Banor.

ROOF, $250; 849 Contra Costa; owner, C U Nutting, 849 Contra Costa; builder, Sun Roofing, 4016 E 14th.

REPAIRS, $208; 2935 Piedmont; owner, Pilaroqive Realty, 2151 Shattuck; builder, Wayne K Davis, 2041 University.

ALTERATIONS, $200; 1175 San Pablo Ave; owner, B B Starns, 418 8th St, Richmond; builder, Hickey & Starns, 1175 San Pablo.

ALTERATIONS, $190; 2667 Le Conte; owner, Pearce, 2667 Le Conte; builder, F Kern & Sons Iron Works, 517 6th St, San Francisco.

ROOF, $185; 1315 Walnut; owner, L Schifsky, 1315 Walnut; builder, Sun Roofing Co, 4016 E 14th St, Oakland.

ROOF, $165; 1610 Belvedere; owner, Helen Christensen, 1610 Belvedere; builder, Sears, Roebuck & Co, 2633 Telegraph.

ROOF, $150; 1506 California; owner, Neal, 1506 California; builder, Guarantee Roofing Co, 328 San Pablo, El Cerrito.

REPAIRS, $134; 2528 Warring; owner, Wm Brobeck, 2528 Warring; builder, Wayne K Davis, 2041 University.

DEMOLISH, $50; 2925 Grove; owner and demolisher, Thos Steinberg, 1810 Virginia.

ALTERATIONS, $25; 1513 Shattuck; Owner and builder, L J Jackson, 1513 Shattuck.

OAKLAND

ELECTRIC SIGN, $150; 1619 San Pablo Ave; owner, E Friedland, prem; builder, Electrical Products Corp, 950 30th St.

ELECTRIC SIGN, $150; 8401 E 14th St; owner, Savemor Grocery, prem; builder, Spott Electrical Co, 576 22nd St.

1-STORY SHED, $140; 1014 7th Ave; owner and builder, J E Fields, 1014 7th Ave.

1-STORY SHED, $125; 3850 Patterson Ave; owner, Emil Falk, 3850 Patterson Ave.

REPAIRS, $100; 1418 84th Ave; owner and builder, L H Stuby, 1418 84th Ave.

BILLBOARD, $25; NE corner 23rd Ave and Foothill Blvd; owner and builder, Special Site Sign Co, 3225 Louise St.

REPAIRS, $16; 320 Peralta St; owner and builder, Bessie L Williams, 320 Peralta St.

ADDITION, $950; 4208 Redding St; owner and builder, C F Mehrten, 4208 Redding St.

ALTER, $875; 4100 Porter St; owner, Miller & McChesney, 1629 Telegraph Avenue; contractor, Acme House Moving Co, 1629 Telegraph.

ALTER, $800; 376 Fairmount Ave; owner and contractor, M R Keaton, 543 34th St.

ADDITION, $750; 2043 39th Avenue; owner and builder, C O Rountree, Jr, premises.

ALTER, $629; 10025 Edes Ave; owner, Chas Quedens, prem; contractor, Dillon Rfg Co, 5212 San Pablo.

ADDN, $600; 1134 58th Ave; owner and builder, Ray Pugsley, prem.

ALTER, $489; 640 E 15th St; owner, Mr Dalt, prem; contractor, Frank C Masden, 2333 Broadway.

GARAGE, 1-story, $350; 2042 94th Ave; owner and builder, C G Alves, 2042 94th Ave.

ADDN for garage, $350; 9835 Empire Road; owner and contractor, W A Foster, 9835 Empire Rd.

GARAGE, 1-story, $300; 10130 Pippin St; owner and builder, D W Robinson, premises.

ALTERATIONS, $255; 5817 Shattuck Ave; owner, Doris Van Beck, 5817 Shattuck Ave; contractor, Don W Mesplay, 1338 Grand Ave.

GARAGE, 1-story, $200; 531 53rd St; owner and builder, A G Macchitelli, 531 53rd St.

OFFICE, 1-story, $200; 9016 MacArthur Blvd; owner and builder, D L Chamberlin, 2101 W 136th Ave, San Leandro.

ALTER, $175; 1018-22 Foothill Blvd; owner and contractor, J E Colbert, 2233 E 19th St.

ALTER, $100; 345 9th St; owner and contractor, Dr Chas G Lee, 836 Webster St.

ALTER, $75; 508 12th St; owner and contractor, Masonic Temple Association, premises.

REPAIRS, $50; 706 Apgar Street; owner and contractor, Paul Tighe, 706 Apgar St.

WRECK shed, $25; 3148 61st Avenue; owner and wrecker, E G Nemis, 6410 Beck St.

SAN JOSE

INDUSTRIAL BUILDING, $80,000; 1202 Campbell Ave; owner and builder, California Friut Exchange.

BUSINESS BUILDING, $10,000; 1401 W San Carlos St; owner and builder, Roy Emery.

5-ROOM RESIDENCE, $8000; 1078 Byerley Ave; owner and builder, D C Matthews.

BUSINESS BUILDING, $7500; 499 S Santa Clara St; owner and builder, Frank Rose.

RESIDENCE, $7000; 390 University Ave; owner and builder, Lewis E Smith.

4-ROOM RESIDENCE, $5800; 631 Jackson St; owner, Rose Arena; builder, George Bell.

6-ROOM RESIDENCE, $5200; 423 Hedding St; owner and builder, Perry M Hull.

OFFICE, $2500; 641 Stockton Ave; owner, A M Hanson; builder, Paul Greenberg.

ADD TO RESIDENCE, $1000; 605 N 13th St; owner, Tom Arena; builder, Anthony Jangrus.

FRESNO

WAREHOUSE, $20,000; 808 G St; owner, Topper Feed Mills; builder, W H Irwin.

ADD TO CHURCH, $18,000; 1963 D St; owner, Mount Pleasant Baptist Church; builder, L L Lovelace.

DWELLINGS AND GARAGES (2), $6000 and $8000; 5044-45 Platt; owner, Fred Hornig.

ADD TO DWELLING, $1000; 765 Cornell; owner, Mrs Ted Lewis.

ADD TO GARAGE, $1000; 742 Adoline; owner, R Moon; builder, C R Pearson.

ADD TO DWELLING, $700; 2639 Madison; owner, George Francis; builder, J W Jolly.

ALTER OFFICE, $700; 604 Olive; owner, Walter D Bray.

ADDITION, $400; 1718 Lewis; owner, E Eulalia True.

OFFICE, $300; 524 Airport Rd; owner, U S Department of Commerce; builder, Harris Construction Co.

SIGN, $50; 1203 Van Ness; owner, Pig n' Cane; builder, Hamlin Neon Sign Co.

BUILDING CONTRACTS

ALAMEDA COUNTY

STORE, 1-STORY FRAME
NE ENCINAL AVE bet Pearl and Versailles Sts, Alameda.
Owner—Abraham Jaber, 1500 Versailles Ave, Alameda.
Architect—M A Sheldon, Monadnock Bldg, San Francisco.
Contractor—Samuel Lee.
Filed, Jan 26, 1946. Dated, ...
15th of each month........................75%
Usual 35 days after........................25%
TOTAL COST. $12,979
Bond, $12,979. Sureties, Fidelity and Deposit Co. Limit, 90 working days. Plans and specifications filed.

Plumbing Permits

BERKELEY

1190 Shattuck Ave; owner, ...; dealer, Art Johnson; Bendix.

2503-05 Telegraph; owner, Clumions; dealer, Art Johnson; 3 w. basins; 4 w closets; 2 sinks.

1740 University; owner, Wm Luberman; dealer, Art Johnson; 6 w closets; 6 w basins; drain; 3 urinals.

1006 Pardee; owner, Oliver & Coburn; dealer, Morrill Plbg; 2 w closets; 2 w basins.

2727 Claremont Blvd; owner, Beal; dealer, Morrill Plbg; w closet; w basin; shower.

Building Permits, $500.00 and Over, Issued by the Board of Public Works SAN FRANCISCO COUNTY

JANUARY 26, 1946

SE Cor 47th Ave and Lincoln Way; E 47th Ave 25, 50, 75 Lincoln Way; four 1-story frame dwellings; cost, $4500 each; owner, Gus Moeller and Sons.

SE Delano Ave 34 SW Niagara; one-story frame bldg; cost, $5300; owner, F C Frank & E Vignati.

SW Cor Randolph and Victoria; two-story frame bldg; cost, $6000; owner, S T Burke and A Infusino.

1455 Divisadero St; alter tavern; cost, $1500; owner, Wilbert Bertram.

345-349 Pacific Ave; alter building; cost, $800; owners, Don Eldried and Roscoe Clark.

54-6 Macondray; alter home; cost, $4300; owner, E J Tampeke.

479 Broadway; alter store; cost, $600; owner, Adelio Micor.

400 Duboce Ave; alter apt; cost, $1500; owner, Ray Button.

2281 Filbert; alter dwelling; cost, $1500; owner, A W Woodruff.

886 Broadway; alter dwelling; cost $4000; owner, Alfred & Leconda.

170 Stanyan St; alter dwelling; cost $980; owner, Walter Blair.

Completion Notices

SAN FRANCISCO COUNTY

Recorded Accepted

Jan 24, 1946—137-43 THIRD Street. Elizabeth Hans to Leonard Salomon..............December 5, 1945

Jan 21, 1946—S LAWTON 107-6 E 21st Ave 25x100. Elias Vigen to whom it may concern..................January 21, 1946

ALAMEDA COUNTY

Recorded Accepted

Jan 26, 1946—6714 ESTATES DR, Oakland. Lloyd M and Eldrid S Bradford, Grace W Stricker to Hugo Muller Jr......January 21, 1946

Jan 26, 1946—N ½ LOT 3 BLK S, Melrose Acres, Oakland. John G Wilson to O W Johnson..................January 18, 1946

Jand 26, 1946—10517, 10519 PIPPEN Street, Oakland. Wm Beckett to whom it may concern..................January 24, 1946

Jan 26, 1946—LOT 11 Blk B, Montclair Acres, Oakland. Herbert D and Ardelia A Bendheim to Chas Ungarettl & Son......January 25, 1946

Jan 24, 1946—LOTS 1 and 2, Tr 574, Oakland. Sol and Nettie M Scherman to whom it may concern..........................January 22, 1946

Jan 24, 1946—LOTS 1 to 8 incl, Tr 717, San Leandro. Sol and Nettle M Scherman to whom it may concern..................January 22, 1946

Jan 24, 1946—6537 HEARTWOOD, Oakland. Robt R Rust to whom it may concern......January 14, 1946

Jan 25, 1946—WEST OAKLAND, (maintenance way shop). Southern Pacific Co to Malott & Peterson..........................January 23, 1946

Jan 25, 1946—PTN LOTS 19 and 20 Block 7, Case Tract, Berkeley. Robert Rogers to Waldo E Bethel.... ....January 15, 1946

Jan 25, 1946—11068, 11070 SAN LEANDRO St, Oakland. Frances M Hernon to A L Holm.......................January 1, 1946

Jan 25, 1946—2464-133 WEST AVE, San Leandro. A G Williams to P G Williams..................January 25, 1946

Non-Responsibility

ALAMEDA COUNTY

Jan 25, 1946—3212 E 14th ST, Oakland. Frank J and Alice S Heilman as to improvements on property.

Jan 24, 1946—2436 DURANT AVE, Berkeley. Henrietta T Austin as to improvements on property.

Jan 28, 1946—1935 WEBSTER ST, Oakland. Lillian M Wollitz as to improvements on property.

Jan 26, 1946—1347-A PARK Street, Alameda. R J Franck as to improvements on property.

Jan 26, 1946—LOT 6 Blk 94, Tract B, Berkeley Land & Town Imp Assoc, Berkeley. St John E McCormick, Ethel O Crosett and Virginia C Searles as to improvements on property.

Jan 26, 1946—293-5 MacARTHUR Blvd, San Leandro. Morris and Adeline Goldstein as to improvements on property.

SAN FRANCISCO COUNTY

Jan 16, 1946—3338 MISSION Street. American Trust Co Co-tr of Est Tomaso Varni, decd, as to improvements on property.

Liens Filed

ALAMEDA COUNTY

Recorded Amount

Jan 25, 1946—PTN LOT 13, Pacific Theological Seminary Tr, Oakland. American Sheet Metal and Roofing Co vs J S and Segne Christiansen $283.72

Jan 25, 1946—LOT 8 Blk D, map Stanford Tr, Oakland. American Sheet Metal & Roofing Co vs F H and Mary L Tebbe..................$441.58

Prospective Bidders

Stores and Apartments, Grand Ave., Oakland

BIDS: Foster W. Weeks, c/o W. C. Helms, 1759 Broadway, Oakland, Feb. 4, 3 P. M.

Doty & Lockwood, 2003 E. 14th St., Oakland.

Empire Construction Co., Ltd., 344 Harriet St., San Francisco.

S. A. Ortzow, 1511 Jackson St., Oakland.

Cosca & Marquis, 3519 Lamp St., Oakland.

Clarence H. Thrams, 28 Home Pl., Oakland.

A. T. Beckett, 1441 Franklin St., Oakland.

Howes & Whitaker, 626 Russ Bldg., San Francisco.

Two Store Buildings, San Bruno, Calif.

BIDS: Architects A. A. Cantin & A. MacKenzie Cantin, 704 Market St., San Francisco. Bids open January 29, 2 P. M.

John E. Kramer, 2547 Washington St., San Francisco.

Joseph Bettancourt, 422 San Anselmo Ave., San Bruno.

Salih Bros., 988 Market St., San Francisco.

Mariposa Construction Co., 1106 Mariposa St., San Francisco.

Track and Telephone Line Relocation, Idaho Northern Branch, Oregon Short Line Railroad

BIDS: Bureau of Reclamation, Boise, Idaho, February 28, 10 A M.

Nat McDougall Co., Sherlock Bldg., Portland.

Max J. Kuney Co., N 120 Ralph, Spokane.

Vernon Brothers, 8th and Orchard Avenue.

M. K. Engineering Co., Inc., Albany, N. Y.

Wixon-Crowe, Redding, Calif.

Condon - Cunningham Co., Omaha, Nebraska.

Additional Water Supply System, Two Rock Ranch, Petaluma, Calif.

BIDS: U. S. Engineer Office, 74 New Montgomery St., San Francisco; Spec. 221-A; January 31, 2 P. M.

R. J. Brant, 1222 Whipple Avenue, Redwood City.

Underground Constr. Co., 75th Ave. and San Leandro Blvd., Oakland.

E. T. Haas Co., P. O .Box 411, San Mateo.

Peter Sorensen, 927 Arguello St., Redwood City.

A. J. Peters & Son, 410 N. Tenth St., San Jose.

Electrical Permits

SAN FRANCISCO COUNTY

7991 64 Eddy St; owner, M Finley; contractor, Brumfield Electric Sign Co; 1 sign; 2 transformers.

7992 145 Fillmore St; owner, McGuire; contractor, Brumfield Electric Sign Co; sign.

7993 972 Market St; owner, M Dodson; contractor, Brumfield Electric Sign Co; 1 sign.

7994 986 Market St; owner, M Wolcher; contractor, Brumfield Electric Sign Co; 1 sign.

7995 721 Laguna; owner, Figandes; contractor, Ets-Hokin & Galvin; 2 outlets; 1 switch.

7996 W 43rd Ave 150 N Ortega St; owner, ...; contractor, Adams Electric; saw motor.

7997 2548 Judah St; owner, Olson; contractor, Adams Electric Co; 3 outlets; 2 switches; 2 plugs.

7998 2544 Judah St; owner, Olson; contractor, Adams Electric; 5 outlets; 4 switches; 3 plugs.

7999 1763 37th Ave; owner, Superior Building Co; contractor, Adams Electric Co; 10 outlets; 10 switches; 15 plugs; service; 1 transformer.

8000 1767 37th Ave; owner, Superior Building Co; contractor, Adams Electric Co; 10 outlets; 10 switches; 15 plugs; service; 1 transformer.

8001 E 19th Ave 200 S Quantara St; owner, ...; contractor, Strom & Smith; service.

8002 3535 Washington St; owner, Van Horn; contractor, Strom & Smtih; 1 outlet; 5 plugs.

8003 309 Minna St; owner, Niagara Manufacturing Co; contractor, Stone-Ryals Electric; 20 outlets; 6 plugs; 10 motors.

8004 150 Powell St; owner, ...; contractor, C J Holzmueller; ....

8005 870 Market St; owner, Dr Charmuck; contractor, Central Elec Co; 8 outlets; 8 switches; 10 plugs; alterations

8006 1603 Innes Ave; owner, A D Zanette; contractor, Central Electric Co; motors.

8007 950 Mason St; owner, Fairmont Hotel; contractor, Pacific Elec & Mech Co, Inc; ....

8008 599 Front St; owner, Campbell Co; contractor, Pacific Elec & Mech Co; motors.

8009 1810 Post St; owner, Barbeque Restaurant; contractor, W H Kirsten; 2 plugs; motors.

8010 3319 Mission St; owner, ...; contractor, W H Kirsten; 12 outlets.

8011 1611 Ellis St; owner, Romana Restaurant; contractor, W H Kirsten; 1 plug.

8012-13 108-114 Parque Avenue; owner, The Ruegg Co; contractor, MacCabe Elec Co; 15 outlets; service; 10 switches; 12 plugs.

8014 1960 Carroll Avenue; owner, Acme Packing Co; contractor, MacCabe Elec Co; ....

8015 475 Drumm St; owner, Calif Vulcan Macaroni Co; contractor, MacCabe Elec Co; service; motors.

8016 70 4th St; owner, Henry's Lunch; contractor, J K Herzog Elec Co; service; motors.

8017 1408 Stockton St; owner, De Martini; contractor, Northern Elec; ....

8018 2902 19th St; owner and contractor, Enterprise Engr & Sales; alterations.

8019 11 Commercial; owner, McCarthy; contractor, American Elec Constr Co; 2 plugs.

8020 1301 Van Ness Ave; owner, James Motor Co; contractor, American Elec Constr Co; 7 outlets.

8021 1755 Noriega; owner, Becker's Phcy; contractor, American Elec Constr Co; alterations.

8022 3238 21st St; owner, Schnelder; contractor, QRS Neon Company; sign.

8023 572 Castro St; owner, ...; contractor, QRS Neon Co; sign.

8024 909 Hyde St; owner, Kistler; contractor, Fred Johnson Elec Company; alterations.

8025 411 Ellis St; owner, Morris; contractor, Chas Yick; 3 plugs.

8026 SW Cor Victoria and Randolph; owner, F O'Reilly; contractor, Grandi Elec; ....

8027 469 Fillmore; owner, Naughton; contractor, Grandi Elec; 8 plugs 1 switch.

8028 1398 Leavenworth St; owner, Nob Grocery; contractor, Grandi El; 3 switches; motors.

8029 72 14th St; owner, A F Mattock Co; contractor, Grandi Electric; 5 outlets; 3 switches; 3 plugs; serv.

8030 1151 Market St; owner, Dr Robinson; contractor, Grandi Elec; alterations.

8031 SE Cor 10th and Howard; owner, Jas A Nelson Co; contractor, Geo F Brayer; 8 outlets; 3 switches; service.

8032 426 Haight St; owner, Allen; contractor, Byington Elec; ....

OAKLAND

35051 366 12th St; owner, Glenn A Warren; contractor, Modern Neon; sign and window tubing.

35052 1901 Grove St; owner, Bill Tishler; contractor, Modern Neon Co; sign and window tubing.

35953 1619 San Pablo Ave; owner, Friedlance; contractor, Electrical Products Corp; sign.

35054 1733 Broadway and 1732 Telegraph Ave; owner, George Benioff; contractor, Electrical Products Corp; sign.

35055 455 17th St; owner, Layne Optical; contractor, Electrical Products Corp; sign.

35056 533 Capistrano St; owner, Schultz; contractor, Johnston Electrical Co; saw motor.

35057 2029 St Jarloth; owner, Scherman; contractor, Johnston Electric; saw motor.

35058 SE E 14th and High Sts; owner and contractor, Foster & Kleiser; 3 outlets; 1 switch; 3 fixtures.

35059 445 High St; owner, Toledo Manufacturing; contractor, Collins Electric; outlets; switches; fixtures; plugs; alterations.

35060 2701 Oliver St; owner, Walker; contractor, Collins Electric; outlets; switches; fixtures; plugs.

35061 1003 Campbell; owner, Van Bokkeien; contractor, Roberts Lighting Fixture Co; fire repairs.

35062 439 23rd St; owner, Van Bokkelen; contractor, Roberts Lighting Fixture Co; alterations.

35063 2277 E 14th St; owner, Plumbing Shop; contractor, Roberts Lighting Fixture Co; 1 outlets; 4 fixtures.

35064 5212 San Pablo; owner, Dillon Roofing; contractor, Paramount Electric; fixtures.

35065 Liggett and Estates Dr; owner, Bradford; contractor, Deidrick Electric; range.

35066 4410 Camden; owner, Spivock; contractor, Paramount Electric Co; outlets; switches; fixtures; plugs.

35067 19th and Webster Sts; owner, Nicholson; contractor, Del Monte Electric; outlets; plugs.

35068 82nd Ave and Hawley; owner, Kleer Kleen Manufacturing Co; contractor, Del Monte Electric Co; outlets; switches; fixtures; plugs.

35069 1724 San Pablo Ave; owner, Majestic Hotel; contractor, Scott-Buttner Electric; fire repairs.

35070 NE 19th and Broadway; owner, Granat Bros; contractor, Scott Buttner Electric; outlets; switches; fixtures; plugs.

35071 3435 Broadway; owner, Peabody Motors; contractor, Matson Electrical; alterations.

35072 4101 Porter; owner, Miller; contractor, Flagler Electric; 2 outlets; 1 switch; 1 fixture.

35073 5441 Ruth; owner, Frank La Moglia; contractor, Flagler Electric; range.

35074 5687 Florence Ave; owner, Erickson; contractor, Clifford Electric; range.

35075 6035 Majestic; owner, Endlers; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35076 3332 Grand Ave; owner, Manhattan Club; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35077 5280 Foothill Blvd; owner, Standard Oil Co; contractor, White Electric; service.

35078 1290 MacArthur Blvd; owner, Standard Oil; contractor, White

13 outlets; 11 switches; 14 plugs; 3 circuits.

512 Page and East Shore; owner, ...; contractor, El Cerrito Elec; 6 outlets; 6 fixtures.

513 1132 Ward St; owner, J M Walker; contractor, El Cerrito Elec; 9 outlets; 9 switches; 15 plugs; 3 circuits.

514 1525 Blake St; owner, J M Walker; contractor, El Cerrito Elec; 9 outlets; 9 switches; 15 plugs; 3 circuits.

515 1340 Haskell; owner, J M Walker; contractor, El Cerrito Elec; 9 outlets; 9 switches; 15 plugs; 3 circuits.

516 1341 Haskell St; owner, J M Walker; contractor, El Cerrito Elec; 9 outlets; 9 switches; 15 plugs; 3 circuits.

517 3043 Acton Street; owner, J M Walker; contractor, El Cerrito Elec; 9 outlets; 9 switches; 15 plugs; 3 circuits.

518 1610-12 San Pablo; owner, ...; contractor, El Cerrito Elec; 30 fixtures; 1 motor.

519 2265 Vine; owner, T L Woodworth; contractor, Gardiner Elec; 5 fixtures.

520 1341 Josephine; owner, Daniels; contractor, Gardner Elec; 10 fixtures; 1 switch; 2 plugs; 1 circuit.

521 1035 Carlton; owner, F M Ireland; contractor, Scott-Buttner; 11 outlets.

522 2052 San Pablo; owner, Berkeley Furn; contractor, General Neon Lite; 1 sign; 2 transformers.

523 1870 Solano; owner, Tirol Co; contractor, T L Rosenberg; 2 switches; 5 plugs; 2 circuits.

524 2626 San Pablo; owner, Wm Lee; contractor, T L Rosenberg; 4 circuits; 10 outlets; 4 switches; 2 plugs.

525 85 Hazel Road; owner, Rose Wilson; contractor, Scott Co; 1 motor.

526 36 Tamalpais; owner, Martha Webb; contractor, Oscar Heede; five fixtures.

527 1220 San Pablo; owner, Jas G Kehriątis; contractor, U C Elec; 14 outlets; 7 switches; 8 plugs; 10 circuits; new service.

528 85 Hazel Road; owner, Rose Wilson; contractor, Clifford Elec; 20 fixtures; range.

529 351 Vermont; owner, J D Webster; contractor, Paramount Elec Co; 11 fixtures.

530 1703-05 Milvia; owner, R E Meadows; contractor, Paramount El Co; 28 outlets; 22 switches; 24 plugs; 6 circuits.

531 3030 Telegraph; owner, Wm Farris; contractor, Paramount Elec; 5 outlets; 2 switches; 8 fixtures; 4 plugs; 4 motors

532 2251 Virginia; owner, Matt Holm; contractor, Paramount Elec; 12 outlets.

533 2220 San Pablo; owner, General Pet Corp; contractor, Associated El Constr; new lamp standard.

534 1440 Ashby Ave; owner, General Pet Corp; contractor, Associated Elec Constr; ....

65535-40 1440 Ashby; 2220 San Pablo; 2840 San Pabluo; 1990 Ashby; lo; 2000 Kittredge; 1320 Gilman; owner, General Petroleum Corp; contractor, Neon Maintenance Corp; signs.

OFFICIAL PROPOSAL

Pro. No. 1707—Seamless Red Brass Tubes and Pipes

NOTICE TO CONTRACTORS

Sealed proposals will be received n Room 205 of the office of the East Bay Municipal Utility District, 512—6th Street, Oakland, California, until :30 P. M., Wednesday, February 6, 946, and will at that hour be opened or furnishing RED BRASS TUBES nd PIPES, as per spcefications.

Proposal No. 1707 covering same nay be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL READ,
Secretary.

Oakland, California,
January 25, 1946

Daily Pacific Builder)
(Jan. 29, 1946)

V

Pro. No. 1708—Copper Tubing

NOTICE TO CONTRACTORS

Sealed proposals will be received n Room 205 of the office of the East Bay Municipal Utility District, 512—6th Street, Oakland, California, unil 5:30 P. M., Wednesday, February 6, 1946, and will at that hour be opened or furnishing approximately 108,500 Lin. Ft. of COPPER WATER SERVICE TUBING, as per specifications.

Proposal No. 1708 covering same nay be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL READ,
Secretary.

Oakland, California,
January 25, 1946

(Daily Pacific Builder)
(Jan. 29, 1946)

Classified Advertising

HELP WANTED

SUPERINTENDENT
ESTIMATOR
STOREKEEPER

The above three permanent positions open with large electrical contractor. State experience, ability and urnish references. Reply Box 123, c/o Daily Pacific Builder.
to Jan. 31, '46

WANTED

EXP. ESTIMATOR for General Contractor, figuring industrial buildings. Location, Sacramento. Perm. Salary open. Write full particulars. P. O. Box 2071, Sacramento.
(to 2/4/46)

ARCHITECTURAL DRAFTSMAN wanted. A-1 man. Working drawings and details. General work, schools and public buildings. Long Job. Write details and salary expected. F. T. Georgeson, P. O. Box 55, Eureka, Calif. Phone Eureka 394.
(to 2/4/46)

1st Class CONSTRUCTION SUPT., large buildings; good salary, good future. State exp. and ref. Reply Box 122, c/o Daily Pacific Builder.
1/22-23-24-25-28/46

BLDG. CONSTR. SUPT., good future. State experience and references. Reply Box 16, c/o Daily Pacific Builder.
tf

POSITION WANTED

Experienced ARCHITECTURAL DRAFTSMAN wants part-time work. Expd. in making sketches, floor plans, working drawings, details, etc., for residential, commercial or industrial work. Reply Box 121, c/o Daily Pacific Builder.
1/29-30-31/46

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Engineering

Fifty-sixth Year—Vol. 56—No. 21 SAN FRANCISCO, WEDNESDAY, JANUARY 30, 1946 PRICE 15 CENTS PER COPY

CALIFORNIA STATE LIBRARY

PLANS and Speculations

SAN FRANCISCO Utilities Manager James H. Turner has announced that $40,000 would be spent between now and June 30 to resurface Market Street along the Municipal Railway tracks from the Ferry Building to Ninth St. . . At the same time, the Utilities Manager called for men to take civil service examinations for jobs as trackmen and asphalt workers with the Municipal Railway. Test will be held within the next few weeks. . . City Manager Arthur B. Sullivan of SAN MATEO has announced the holding of examination Saturday, February 16, to fill two posts of assistant building inspectors. Latest date for filing application has been set for February 6. Applications will be made at the office of the city clerk.

oOo

A new $300,000 receiving and processing building is planned for the Libby, McNeil & Libby cannery in Sunnyvale. The structure, plans for which are being prepared by Ellison & King, San Francisco structural engineers, will be built east of and adjacent to the present plant site. It wil be built by Earl W. Heple, San Jose contractor.

oOo

Engineering work on the $900,000 expansion of STOCKTON's south sewage disposal plant to accommodate all of the City's industrial wastes, has passed the preliminary stage and now awaits land purchases, City Engineer Lyle Payton has announced. Municipal authorities have approved preliminary sketches made by Clyde C. Kennedy, San Francisco engineer. Provision for the expansion was made as two major parts of last year's $1,750,000 municipal bond issue.

oOo

Work on plans for the $100,000 addition to Sherwood school, SALINAS will be started at once. The addition will include classrooms, toilets and an auditorium-gymnasium. Charles E. Butner, Salinas, is architect for the school district and retained to make final plans. . . ANTIOCH has scheduled a $500,000 school bond election for Mar. 1. . Bill Eldridge and Art Lloyd, owners of the Perkins Nursery Company, in SACRAMENTO, have announced plans for the construction of the first of four branches at Alhambra Blvd. and K Street. Of modern design, the nursery will be a one-story structure covering 2,800 feet of floor space. The building will be of lightweight concrete construction, prefabricated. The roof also will be of lightweight concrete, conforming to the Bermuda type of architecture.

M. S. Barnes Promoted By General Electric

The appointment of Marion S. Barnes as Assistant Manager of the Central Station Division, of the Apparatus Department's San Francisco office, has just been announced by Allen G. Jones, Pacific District Manager, Apparatus Department.

A former sales engineer and G. E. test man, Barnes has been with General Electric for over 30 years, since his graduation from the University of California in 1915.

He is well known in western electrical circles, and is an active member of both the Pacific Coast Electrical Association and American Institute of Electrical Engineers.

Barnes is a native Californian. He was born in Sebastopol, and now lives in Oakland with his wife and daughter, Margaret.

V

INSTALLATIONS OF PLYWOOD DESCRIBED

Modern, practical applications of Weldwood Plywood for commercial interiors are described and illustrated in a new booklet issued jointly by United States Plywood Corporation and The Mengel Company, the world's largest producers of plywood.

Installations of decorative plywood as used by prominent firms are pictured, including stores, offices, banks, hotels, institutions, barfs and restaurants. That plywood walls, panels, and fittings are equally adaptable to the quiet dignity of a bank or the glamor of an ultra modern bar or specialty shop is impressively demonstrated. The booklet further explains that different effects are secured by a proper choice of woods and finishes as well as individual treatment of each interior.

The booklet will be mailed without charge upon request to the United States Plywood Corporation, Weldwood Bldg., 55 W. 44th St., New York City.

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ANDREW T. HASS RE - ELECTED BY NO. CALIF. AIA

The 64th annual meeting of the Northern California Chapter of the AIA was held on Friday night, Jan. 25, at which time 75 members and guests of the chapter heard Samuel Lunden, vice-president of the institute, and Earl Heitschmidt, regional director, discuss the expanding program of education and public relations, which the institute has now undertaken. Both speakers emphasized the fact that the old "do - nothing" policy had been abandoned and that the Institute was now an aggressive organization with a rapidly increasing membership and with a policy of being of service to its members. Vice - President Lunden pointed out that the Northern California Chapter was one of the oldest of the Institute and that it had always taken the lead in promoting the welfare of its membership. The State Association of California Architects was organized by the California Chapter of the Institute and was the forerunner of various state associations throughout the nation. When it was apparent that this program needed stream - lining California again took the lead and instigated the unification program, which culminated in the formation of the California Council of Architects. Other states have followed this lead.

Membership Chairman A. Lewis Koue reported that as a result of the unification program in California the Northern California Chapter had had an increase of 64 per cent during the past year. Including corporate and associate members the Chapter now has an enrollment of 190 members.

Architect A. Appleton served as toastmaster for the group of past presidents at the meeting. In point of service William Mooser was the dean of those present and gave an interesting review of the problems of the Chapter in 1910 and 1911. He said that the highlight of his period of office was the banquet given at the time of the Institute convention in 1911. There were over 300 members and guests in attendance at the sumptuous affair, for which no charge was made. Apparently the architects in 1911 were more affluent than their brothers of today. For that one party cost the Institute $2300. When it was learned that the Governor was unable to attend because of pressing business in Sacramento, the Chapter offered to send a special train to bring him to the banquet. It was agreed among all the members of the present Chapter that no public relations program could compete with the 1911 banquet under William Mooser.

As a result of the election of officers, Andrew T. Hass was reelected president and John S. Bolles re-elected secretary. Hervey P. Clark was elected vice-president, and Ernest Born became treasurer. The holdover directors are Messrs. William Clement Ambrose, Norman K. Blanchard, and William Knowles.

JAMES G. WILLIAMS LAST RITES

Funeral services for James G. Williams will be held today, Wednesday, January 30, at 2 o'clock in Albert Brown Chapel, 3476 Piedmont Avenue, Oakland, under Masonic auspices.

Mr. Williams was a steel erection contractor and a member of the San Francisco Builders' Exchange.

NOTICE OF CANCELLATION

The duration examination for Structural Steel Painter, announced on the bulletin issued October 17, 1945, has been canceled.

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1946 Construction Requirements Call for Critical Material Production Increase

Increases in the current production of critical construction materials ranging from 33 per cent for brick to as high as 275 per cent for cast iron radiation will be needed to meet 1946 construction require- ments, the Construction Division, Department of Commerce, reported today.

Construction materials for which estimates of 1946 requirements have been made are brick, structural tile, clay sewer pipe, gypsum board including lath, lumber including millwork and flooring, cast iron soil pipe, cast iron radiation, and bath tubs. Requirements, made up on consumption and minimum working inventories, are based on 1946 construction amounting to $7,500,000,000 for new construction and $5,000,000,000 for maintenance.

Particularly significant, in view of the nationwide housing shortage and efforts now being made to step-up construction of housing units, is the fact that more than half of estimated requirements for brick and gypsum board are for private and public residential work.

Comparative data on current annual production based on output in November or later, percentage of increase needed to meet 1946 requirements, and past production in reasonably good years as a yardstick of production capacity was also made public by the Construction Division.

Brick: Estimated 1946 requirements are 4,200,000,000 brick, an increase of 33 per cent over the current annual production rate of 3,168,000,000 brick. In 1941 production amounted to 4,900,000,000 brick.

Structural Tile: Estimated 1946 requirements are 1,180,000 tons, representing a 45 per cent increase over the current annual rate of 814,000 tons. Production in 1941 was 1,200,000 tons.

Clay Sewer Pipe: Estimated 1946 requirements are 1,174,000 tons, an increase of 35 per cent over the current rate of 871,000 tons. Production in 1941 was 1,200,000 tons.

Gypsum Board Including Lath: Estimated requirements, 2,972,000,000 sq. ft., an increase of 30 per cent over current production of 2,280,000,000 sq. ft. Though the industry has capacity to produce 3,000,000,000 sq. ft., output is limited by the supply of paper liner, it was pointed out. Gypsum lath requirements for 1946 are estimated at 1,620,000,000 sq. ft., while the current production rate is only 720,000,000 sq. ft. To meet 1946 requirements production will have to be increased 125 per cent.

Lumber Including Millwork and Flooring: Estimated requirements for construction and maintenance are 18,000,000,000 bd. ft. out of total estimated production of 30,000,000,000 bd. ft. Production in 1945 was about 27,500,000,000 bd. ft. Millwork requirements for 1946 construction are estimated at 1,600,000,000 bd. ft. as compared with 750,000,000 bd. ft. current production, an increase of more than 100 per cent. In 1940 millwork consumed 1,780,000.000 bd. ft. of lumber.

Cast Iron Soil Pipe: Estimated 1946 requirements are 390,000 tons an increase of 55 per cent over the current rate of 251,000 tons. Capacity of plants now operating is about 550,000 tons.

Cast Iron Radiation: Estimated 1946 requirements are 275,000,000 sq. ft.; current production is 16,000,000 sq. ft., calling for an increase of 275 per cent. In 1941 the output of 16 plants was 84,000,000 sq. ft. At present, out of 15 plants, 10 are producing, two are on strike and three are shut down. With resumption of production in the two plants now out on strike the 12 plants will have capacity equal to 90 per cent of pre-war production.

Bath Tubs (cast iron and steel): Estimated 1946 requirements are 960,000 tubs, an increase of 78 per cent over the current annual rate of 540,000 tubs. In 1937, when only cast iron tubs were made, output was 387,000 tubs. Capacity for steel tub production in 1946 is expected to be more than 200,000 tubs.

Did You Know That . . .

The Bowie Switch Company, pioneer San Francisco firm, has been acquired by the A. B. Chance Company of Centralia, Missouri, it was announced here today.

J. T. Isbell has been appointed Vice President and Pacific Coast manager, and J. A. Martin was named Pacific Coast plant manager.

The firm will be known as the Bowie Switch Division of the A. B. Chance Company, and will continue to manufacture pole line equipment and maintenance tools.

-O-

California Aggregates Company has started construction of a warehouse and ready-mix concrete plant for the handling of a complete line of building materials. The new plant is located at Linden Avenue and San Bruno Road in South San Francisco. They have purchased eight 4½-yard ready-mix trucks and will be operating with their concrete plant within 60 to 90 days. The plant will be managed by P. H. Tyrrell, formerly operator of Golden West Quarry and associated with Ken Royce of Ken Royce Equipment Company. Bob Wilkins will handle retail sales.

-O-

Architect Albert F. Roller, whose San Francisco office is in the Crocker First National Bank Building, has announced the opening of Los Angeles offices located in the Subway Terminal Building, 417 South Hill Street. Telephone Trinity 4443.

-O-

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GROOVER AND I

FREEDOM OF ACTION

Just recently Home Builders trying to complete a block of Veterans preference homes, made a Monday morning discovery of a week - end of vandalism during which windows, trim and fixtures had been smashed, apparently for the joy of destruction.

* * *

The money damage was about $7000—but the real problem is to replace the materials at ANY price.

* * *

Police rounded up the supposed culprits—a bunch of young hellions ranging in age from 11 to 13 years.

* * *

From what manner of homes come these delinquents? Are we to say that because they are "have nots", we should be tolerant toward their destruction of the property of others?

* * *

What became of the old-fashioned wood-shed and shingle which seemed to exercise an influence in this land a generation or so ago?

* * *

Rather than worrying too much about more Freedom for the rest of the world, why not give thought to a little less "freedom" for these future citizens?

V

ESTABLISHED OFFICES WILL CONTINUE TO HANDLE SURPLUS

Designation of the War Assets Corporation, Reconstruction Finance Corporation Subsidiary, to handle the disposal of surplus consumer goods and capital and producers goods in no way means a change in the already established sales offices, personnel, procedures and policies, it is announced.

Lt. General Edmund B. Gregory, War Assets Corporation Chairman, pointed out that the established offices for such surplus property throughout the nation will still be used and the same policies will be in effect. He asks that purchasers of these types of surplus property continue to do business with the same people and at the same addresses as heretofore.

PGE Announces Sta. Rosa, Sonoma County Plans

To meet the demand for electric power created by the rapid growth of Santa Rosa and other Sonoma County communities, Pacific Gas and Electric Company plans to spend $1,752,000 in enlarging and extending its distribution facilities in this area. The proposed construction will more than double the power capacity available to the area.

Announcement of the project was made in San Francisco today by A. Emory Wishon, vice president and general manager. A new step-down substation will be built at Fulton, Sonoma County, at a cost of $778,000, and a 110,000-volt transmission line will be constructed from Fulton to a point near Winters, Yolo County, to tap the company's main line running from Placer County powerhouse to the Vaca-Dixon substation. Construction of the Fulton-Winters line will cost $870,000.

At the Winters junction a switching station will be erected to control transmission of power to the Santa Rosa area. Construction of the switching station will cost $104,000, bringing the total investment to $1,752,000.

Work on the project will be started as soon as materials and labor become available.

V

Real Estate Assn. Will Install New President

Cleland O. Whitton will be installed 1946 president of the Real Estate Association of San Francisco, this Thursday evening, Jan. 31, at a brilliant installation in the Palace Hotel gold ballroom. State Real Estate Commissioner Rubert Scudder will install Whitton and other officers and directors of the organization for the ensuing year.

Walter Gordon, first vice-presiden, and general chairman of the installation, has announced a banquet, entertainment and dancing party will feature the evening's program. The "sold out" sign on reservations went up several days ago.

Chester R. MacPhee will be master of ceremonies at the banquet, with Max Robinson and Desmond Kelly handling reservations for the dinner event. James C. Kinard, 1945 president of the Real Estate Association, is the retiring head of the organization.

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Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

SUBSCRIPTION RATES:
$3.00 per Month; $30 per Year (Payable in Advance). Single Copy, 15c

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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1-8—COMMERCIAL BLDGS.

January 30, 1946
BIDS WANTED
WILMINGTON, Los Angeles Co., Cal.—Until Feb. 15, 10 A. M., bids will be received at the office of the port manager of the City of Long Beach, 1333 El Embarcadero, Long Beach, for construction of a longshoremen's dispatch hall (80x112-ft.) at Broad Ave. and D St., Wilmington. Est. cost, $50,000; Spec. HD-207.

Plans obtainable from the Board of Harbor Commissioners upon deposit of $25. Plans prepared by Palmer Power, architect, 519 Ocean Center Bldg., and J. H. Davies, structural engineer, 730 E 3rd St., Long Beach. 1-8

January 30, 1946
CONTRACT AWARDED
OCEANSIDE and Pacific Beach, San Diego Co., Calif.—Golden Constr. Co., 3485 Noell, San Diego, awarded contract for construction of two 1-story reinforced concrete bank bldgs. (49x74-ft. each); one in Oceanside and the other in Pacific Beach, for the Security Trust & Savings Banks.

Plans were prepared by Architect Louis Bodmer, 524 B St. San Diego. 1-8

January 30, 1946
BIDS OPENED
HONOLULU, T. H.—The Weinrich Fence, Bronze & Iron Works, Honolulu, T. H., at $1406.25, submitted low bid January 29 to the district engineer, Federal Works Agency, Public Buildings Administration, Washington, D. C., for wire mesh partitions at the U. S. Post Office, Courthouse and Custom House, Honolulu, T. H.

Other bidders were:

Vellis Wire Works, Brooklyn, N. Y., $3225.

Skinner Wire Works, Brooklyn, N. Y., $6100. • 7

January 30, 1946
BIDS REJECTED
STORE BUILDINGS
SAN BRUNO, San Mateo Co., Calif.
Construction of two store buildings.
Owner—Bayshore Amusement Co.
Architects—A. A. Cantin and A. MacKenzie Cantin, 704 Market Street, San Francisco.

All bids received January 29 were rejected. Plans will be re-figured at a later date. • • 6

January 30, 1946
BIDS OPENED
CROWS LANDING, Stanislaus Co. Cal.—J. H. Andrew Painting Service, at $15,235 submitted low bid Jan. 29 to the Public Works Dept., 12th Naval District, 1182 Market St., San Francisco, Room 402, for painting the exteriors of 47 buildings and 22 enclosures all ready for use at the Auxiliary Air Station, Crows Landing; Spec. No. 17508.

Complete bids were:

J. H. Andrew Painting Service, $15,235; (Alt.) add $3550.

Deemer & Deemer, $19,440; (Alt.) $4000.

Frank Fitzsimmons, $19,662; (Alt) $5350.

Beek Bros, $19,800; (Alt.) $8500.

B. F. Hudelson, $20,853; (Alt.) $4,043.60.

Klaas Bros., $24,468; (Alt.) $11,490.

R. M. Meade & Co., $24,879; (Alt.) $8293.

J. S. Becker, $30,373.95; (Alt.) $2,468.

Painter & Crumrine, $32,723; (Alt.) $4530.

Allied Painters, $32,745; (Alt.) $8,699.

J. C. Church, $39,724; (Alt.) $9500. • • 2

January 30, 1946
CONTRACT AWARDED
STORES AND BANK BLDG. Cost, $45,000
SAN FRANCISCO W Polk Street 82 feet North of Green St.
One-story and basement frame store and bank building (two stores).
Owner—Mendo Corporation.
Lessee—Bank of America.
Architect—S Heiman, 605 Market St.
Contractor—Robt. Janssen, 1138 Clement Street. • • 1

January 30, 1946
CONTRACT AWARDED
REMODEL STORE Cost, $9,500
SAN FRANCISCO. 963 Market St.
Remodel jewelry store and install mezzanine floor.
Owner—Market Jewelers, 963 Market.
Architect—S. Heiman, 605 Market St., San Francisco.
Contractor — Mills Construction Co., 605 Market St. • 8

January 30, 1946
PLANS BEING FIGURED—BIDS OPEN FEBRUARY 5, NOON
ALTER BANK
SAN FRANCISCO. 555 Montgomery St. near Clay St.
Alterations to bank building.
Owner—Bank of Canton.
Architect—William G. Merchant, 57 Post St., San Francisco.

Plans are being figured by a selected list of contractors. • 1

9-10—EDUCATIONAL BUILDINGS

January 30, 1946
BIDS WANTED—TO BE OPENED FEBRUARY 27, 7:30 P. M.
SCHOOL
SHAFTER, Kern County, Calif.
Construction of 12 classrooms, alternate bid for 18 classrooms, additions to the Shafter St. School; wood roof, structural steel frame, wood and brick veneer walls, concrete floor, etc.
Owner—Richland Elementary School District, Shafter.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco.

Bid opening date was postponed from February 13 until February 27, 7:30 P. M.

Plans and specifications will be available February 8 from the office of the architect upon deposit of $25. • 8-10

CONTRACT AWARDED
SCHOOL BUILDING Contract Price, $27,860
DOS PALOS, Merced County, Calif.
Construction of prefabricated cafeteria building at the high school.
Owner—Dos Palos Joint Union High School District, Dos Palos.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco.
Contractor—Willis F. Lynn, 1040 Folger Ave., Berkeley.

Other bidders were:

L. H. Hansen & Sons, Fresno, $32,560.

Thomas Mackie, Los Banos, $32,856.60. • 8-10

January 30, 1946
PREPARING PLANS
GLENDALE, Los Angeles County, Cal.—Architect Geo. M. Lindsey, 214 N Central Ave., Glendale, is preparing working drawings for a gymnasium building to be built at Glendale Junior College for the Glendale Unified School District. It will be a one- and part two-story structure, 168x148-ft., and will contain a gymnasium floor with bleachers to seat 1300, locker and shower rooms, and offices. Est. cost, $175,000.

J. G. Middleton, structural engineer, 214 N Yucca St., Hollywood; Harry M. Gailey, electrical engineer, 111 W 7th St., Los Angeles. 9-10

January 30, 1946
FUNDS AWARDED
SAN DIEGO COUNTY, Calif.—Ray E. Winter, district superintendent, Encinitas Union School District of San Diego County, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $5600 will be furnished the school district for the purpose of assisting in the preparation of plans for constructing and equipping 12 classrooms, remodeling and adding to existing four-classroom building to serve as administration building, library and cafeteria. The plans can now be completed and all arrangements made for construtcion.

The estimated cost of the facilities will be $132,960, to be furnished from general obligation bonds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

Wright L. Felt, located at Los Angeles, Calif., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Southern California, and Kistner, Curtis & Wright are the architects for the school district to make the final plans.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 9-10

January 30, 1946
PREPARING PLANS
GRAMMAR SCHOOL
Estimated Cost, $100,000
PARK PLACE, Ore. NE. corner of Clear and First Sts.
Construction of grammar school, brick veneer, 2-story, 200x96 ft., 6 classrooms first floor; cafeteria and playroom, basement playrooms, auditorium and gymnasium combined, acoustical treatment, fire protection, etc.
Owner — Clackamas County School District No. 62, school superintent, Oregon City.
Architect—Jones & Marsh, Woodlark Bldg., Portland, Ore. 9-10

January 30, 1946
PREPARING PLANS
Cost, $1,691,000
EDUCATIONAL BUILDING
LOS ANGELES, Los Angeles Co. Cal.
Construction of Southern California Institute for Men.
Owner—State of California.
Architect—State Division of Architecture, Anson Boyd, State Architect, Public Works Bldg., Sacramento. 9-10

11—HOSPITALS

January 30, 1946
FUNDS AWARDED
CORCORAN, Kings Co., Calif.—T. K. Brown, Mayor of the City of Corcoran, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of Federal Works Agency, Berkeley, that funds to the amount of $3600 will be furnished the City for the purpose of assisting in the preparation of plans for constructing a municipal hospital with 20 beds, operating facilities, clinic, kitchen and administration offices. The structure is to be of reinforced concrete, wood roof with composition roofing, metal sash, and air conditioned and will cover a total area of approximately 7500 sq. ft. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $91,000, to be furnished from available cash, tax receipts and general obligation bonds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

H. E. Devereaux, located at Berkeley, is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Northern California, and David H. Horn is the architect for the City to make the final plans.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 11

January 30, 1946
BIDS OPENED
ALAMEDA COUNTY ELECTRICS ..
WARD BUILDINGS
STOCKTON, San Joaquin Co., Calif. Stockton State Hospital.
Construction of one- and two-story reinforced concrete ward buildings for infirm females and disturbed females, having a combined floor area of approximately 160,000 sq. ft., with hollow tile partitions, steel sash and clay shingle tile roof covering.
Owner—State of California, Division of Architecture, Public Works Bldg., 12th and N Sts, Sacramento.
Plans by State Architect Anson Boyd, Public Works Bldg., Sacramento.
Low Bidder—H. Mayson, 9315 Hooper Ave., Los Angeles.

Complete bids were:

General Work

H. Mayson, Los Angeles, (1) infirm female building. $558,700, (2) disturbed female building, $717,800, (1 and 2) total for both $1,231,400, (alt. bid) omit wing disturbed female building, $98,924.

James I. Barnes Construction Co., San Francisco, (1) $571,000, (2) $724,000, (1and 2) $1,282,000, (alt.) $98,000.

Carrico & Gautier, San Francisco (1) $569,802, (2) $741,800, (1 and 2) $1,285,768, (alt.) $97,641.

Empire Construction Co. and C. F. Lytle Co., San Francisco, (1) $617,000, (2) $779,000, (1 and 2) $1,332,000, (alt.) $103,500.

Moore & Roberts, San Francisco, (1) $610,000, (2) $778,200, (1 and 2) $1,345,000, (alt.) $101,475.

M. & K. Corp., San Francisco, (1) $620,658, (2) $809,082, (1 and 2) $1,429,740, (alt.) $113,000.

Electrical Work

Collins Electrical Co., 729 E. Miner Ave., Stockton, (1) $18,713, (2) $26,913, (1 and 2) $44,913, (alt.) $2293.

Victory Engineering & Electrical Co., Glendale, (1) $29,026, (2) $20,209, (1 and 2) $47,086, (alt.) $3313.

Engineering Design Co., San Francisco, (1) $17,165, (2) $32,585, (1 and 2) $49,750, (alt.) $4140.

Plumbing Work

J. A. Fazio, 686 Fourth St., Oakland, (1) $52,520, (2) $61,610, (1 and 2) $109,889, (alt.) $6068.

Charles Thumm Co. of California, San Francisco (bidding on both buildings only) $148,650, (alt.) $6695.

Heating and Ventilating

Charles Thumm Co., 145 Natoma St., San Francisco (both buildings only), $112,175, (alt.) $7785.

Pacific Electrical & Mechanical Co., San Francisco (both buildings only), $117,900, (alt.) $9200. • 11

12-13—INDUSTRIAL BUILDINGS

January 30, 1946
PREPARING PLANS
WAREHOUSE Est. Cost, $100,000
LONGVIEW, Wash.
Construction of warehouse to have 19 120-ft. bow trusses.
Owner—Port of Longview, Harvey Hart, manager.
Consulting Engineer—Edward F. Carter, Metropolitan Bldg., Vancouver, B. C.

Bids are being received for trusses only from the following:

Timber Structures, Inc., 3400 NW. Yeon Ave., Longview, Wash.

Weyerhauser Timber Co., Longview, Wash.

Locomotive Crane — Balzer Machinery Co., 2136 SE. 8th, Portland, Ore. 12-13

January 30, 1946
CONTRACT AWARDED
WAREHOUSE Cost, $15,000
SAN FRANCISCO. Shotwell and Army Sts.
One-story frame building (30x100 ft.).
Owner—John Wilson, c/o architect.
Architect — Francis Lai Chinn, 622 Washington St., San Francisco.
Contractor—Central California Construction Co., 116 Erie St., San Francisco. • 12-13

January 30, 1946
PROSPECTIVE BIDDERS
SAN FRANCISCO.—As previously reported, until January 31, 11 A. M., bids will be received by the Public Works Office, Room 2110 Administration Bldg., San Francisco Naval Shipyard, San Francisco 24, under NOy 13354, Spec. 17514, for conversion of building No. 401 to public works shop at San Francisco Naval Shipyard, San Francisco.

The work involves construction and alteration of a two-story frame building which shall be used for an industrial shop and which includes carpentry, floor coverings, plastering, steel work, magnesite flooring, the moving of an existing structure and paving.

Specifications obtainable from the officer in charge of construction, Room 2110 Administration Bldg., San Francisco Naval Shipyard, San Francisco, upon deposit of check or postal money order for $20, payable to Chief of Bureau of Yards and Docks.

The following contractors have taken out plans:

James I. Barnes Construction Co., 941 Russ Bldg., San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco.

A. Farnell Blair, 9 Main St., San Francisco.

Clinton Construction Co., 923 Folsom St., San Francisco.

De Luca & Son, 1745 Filbert St., San Francisco.

Erbentraut & Summers, 446 Sixth St., San Francisco.

M. J. King, Inc., 231 Franklin St., San Francisco.

M. & K. Corp., 200 Financial Center Bldg., San Francisco. • 12

14-17—PUBLIC BLDGS.

January 30, 1946
CONTRACT AWARDED
SAN FRANCISCO.—J. W. Bender Roofing Co., 1999 Bryant St., at $1888, awarded contract by the Public Utilities Commission, City Hall, under Municipal Railroad Contract No. 245 for roofing work. • 14-17

January 30, 1946
PREPARING PLANS
FIRE HALL Estimated Cost, $90,000
ALBANY, Ore. Sixth and Yyon Sts.
Construction of fire hall designed to accommodate new fire equipment and additional machinery.
Owner—City Council Commission on fire and water, City Hall; Don Hayne, fire chief.
Plans by owner. 14-17

January 30, 1946
PREPARING PLANS
OFFICE BLDGS. Cost, $4.808,000
SACRAMENTO, Sacramento Co., Cal.
Construction of State office building including Capitol addition, office building, garage, printing plant.
Owner—State of California.
Architect—State Division of Architecture, Anson Boyd, State Architect, Public Works Bldg., Sacramento. 14-17

January 30, 1946
PREPARING PLANS
OFFICE BLDG. Cost, $665,000
SACRAMENTO, Sacramento Co., Cal.
Construction of State office building.
Owner—State of California.
Architect—State Division of Architecture, Anson Boyd, State Architect, Public Works Bldg., Sacramento. 14-17

January 30, 1946
PREPARING PLANS
FAIR BLDGS. Cost, $2,900,000
SACRAMENTO, Sacramento Co., Cal.
Construction of Fair buildings.
Owner—State of California.
Architect—State Division of Architecture, Anson Boyd, State Architect, Public Works Bldg., Sacramento. 14-17

January 30, 1946
BOND ELECTION
HERMOSA BEACH Los Angeles Co. Cal.—The city of Hermosa Beach will vote April 9 on the proposition of issuing bonds in the amount of $600,000 to finance a municipal improvement program.

Included in projects to be voted upon are a Hermosa Ave. parking lot to cost an estimated $25,000; a civic auditorium and pier to cost $350,000; an expenditure of $20,000 for new Fire Department equipment and a $100,000 Civic Center on Pier Ave.

Funds under the Civic Center plan are expected to be augmented by the projected sale of the present City Hall.

An outline of the program was prepared by a civic planning committee of which Paul Drake, president of the Chamber of Commerce, is chairman. 14-17

January 29, 1946
FUNDS AWARDED
OGDEN, Weber Co., Utah. — W. Karl Hopkins, superintendent, Board of Education, Ogden City School District, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $6208 will be furnished the school district for the purpose of assisting in the preparation of plans for constructing a two-story addition to an existing school to include 13 classrooms with auxiliary facilities. The plans can now be completed and all arrangement made for construction.

The estimated cost of the facilities will be $188,680, to be furnished from available cash and other funds. The funds made availabel through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

H. C. Jessen, located at Salt Lake City, Utah, is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Utah, and Leslie S. Hodgson, Ogden, Utah, is the architect for the school to make the final plans.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 15

20-21—SOCIAL AND RECREATIONAL BLDGS.

January 30, 1946
PREPARING WORKING DRAWINGS
REMODEL THEATRE Cost, $10,000
COALINGA, Fresno County, Calif.
Remodel Liberty Theatre.
Owner—Care Architects.
Architects—A. A. Cantin and A. MacKenzie Cantin, 704 Market Street, San Francisco. • • 21

22-26—RESIDENTIAL BUILDINGS

January 30, 1946
PREPARING PLANS
NURSES' HOME Est. Cost, $250,000
LEWISTON, Idaho. 5th Ave. and 6th St.
Existing structures being razed. Construction of nurses' home of concrete and brick, fireproof, four stories, dimensions not determined.
Owner—St. Joseph's Hospital, Mother Superior Mary Louise.
Architect—M. L. Baker, 624 S. La Brea, Los Angeles, Calif.
General Contractor—J. A. McNeil, 714 W. Olympic Blvd., Los Angeles 15, Calif. 22

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Buildings and Utilities Spec. 17379, NOy 13211	Inyokern	2- 5
Warehouse California Natural Guard	Sacramento	2- 5

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Conversion Bldg., No. 401, S. F. Naval Shipyard, San Francisco; Bids open January 31, 11 A. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
A. Farnell Blair, 9 Main Street, San Francisco (YUkon 0390).
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).

Laboratory Bldg., Moffett Field; Bids close February 8, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
Carl N. Swenson Co., 355 Stockton Ave., San Jose (BAllard 2602).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054).
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
M. J. King, Inc., 231 Franklin Street, San Francisco (UNderhill 8209).
Peter Sorensen, 927 Arguello St., Redwood City (Redwood 2212).

Bldgs., Services, Reserve Fleet Berthing, Mare Island; NOy 13295; Spec. 17459; Bids open February 1, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Peter Kiewit Sons Co., 441 Post St., San Francisco (EXbrook 5736).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).

Expansion Sheet Metal Shop, Etc., S. F. Naval Shipyard; Spec. 17230; Bids open February 7, 11 A. M.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).

Store Bldg., Railroad Ave. and E 7th St., Pittsburg; Bids open Feb. 9, 11 AM
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Louis C. Dunn Co., 799 Monadnock Bldg., San Francisco (YUkon 1471)
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).

Motel Buildings, Oakland; Bids open January 31, 3 P. M.
Barrett & Hilp, 918 Harrison St, San Francisco (DOuglas 0700).
G. W. Williams Co., 10 California Drive, Burlingame (Burl 4-1796)

Candy Factory, Ocean Ave. near 19th Ave., S. F.; Bids open Feb. 4, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).
Midstate Constr. Co., 1299 Bush St., San Francisco (ORdway 4638).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).
C. F. Parker, 1644 Monterey Blvd., San Francisco (OVerland 5357).
Monson Brothers, 475 Sixth St., San Francisco (DOuglas 5357).

Tulana Farms Grain Elevator, Worden, Ore.; Bids Ipen Feb. 14, Noon.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

Tank Truck Loading Fac., Standard Oil, Richmond; Bids open Feb. 18, Noon
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980

Bldgs., Paving and Utilities, U. S. Navy Sta., Inyokern; Spec. 17379; NOy 13211; Bids open February 5, 2 P. M.
Johnson, Drake & Piper, Inc., 1736 Franklin St., Oakland (GLencourt 8011). Bids due in Oakland office February 2).
Haddock-Engineers, Ltd., P. O. Box 479, Oceanside.

Factory Bldg., Penetrators Syphon Co., Dixon; Bids open Feb. 4, 2 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Campbell Constr. Co., 800 R St., Sacramento (Sacto 3-2095).
H. W. Robertson, 2917 "T" St., Sacramento (Sacto. 5-3061).
H. H Larsen Co., 64 South Park, San Francisco (EXbrook 3190, 3191)

Foster Weeks Store & Apts., Grand Ave., Oakland; Bids open Feb. 4, 3 PM
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).

Alter Grand Lake Theatre, Oakland; Bids open February 6, 2 P. M.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).
Mariposa Constr. Co., 1106 Mariposa St., S. F. (UNderhill 0375)

Boat House, Golden Gate Park, S. F.; Bids open January 31, 2 P. M.
N. O. Wiseth, 711 McAllister St., San Francisco (FIllmore 1231).
Adam Arras & Son, 116 New Montgomery St., S. F. (GArfield 8381).

Shops Bldg., San Mateo Junior College; Bids open February 13, 8 P. M.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Monson Brothers, 475 Sixth St., San Francisco (DOuglas 5357).

Alter Bank of Canton, Montgomery and Clay Sts., San Francisco; Bids open February 5, Noon.
G. P. W. Jensen & Sons, Inc., 320 Market St., San Francisco (GArfield 2444)

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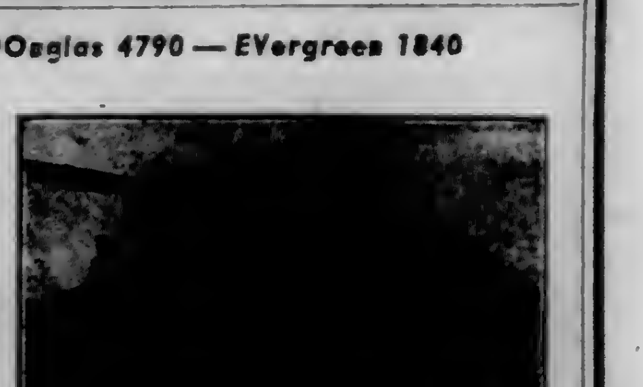

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ADVANCE CONSTRUCTION REPORTS

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Bridges 33
Dams, Reservoirs and Dredging 34
Docks, Piers & Harbors 35
Parks, Airports and Playgrounds 36
Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

January 30, 1946

BIDS WANTED

SAN FRANCISCO—Until February 11, 3 P. M., bids will be received by Public Utilities Commission, Room 287 City Hall, under Water Department contract No. 414 for laying of 2-inch and 6-inch cast iron main in Lily St., Prescott Court, Buena Vista Terrace and 15th St.

The work involves:

(1) 1420 lin. ft. excavation and backfill;
(4a) 465 lin. ft. install B&S pipe;
(4b) 955 lin. ft. install B&S pipe;
(5) 2500 lbs. install fittings and valves;
(6a) 150 lbs. make B&S joints;
(7) 2200 sq. ft. repave street pavement;
(8) lump sum, field inspection per day;
(A) materials furnished and services rendered by the San Francisco Water Department, $1911.25.

Plans and specifications obtainable from the cashier's office, 6th floor, 425 Mason St.; no deposit required. • 31-32

January 30, 1946

FUNDS AWARDED

FLAGSTAFF, Coconino Co., Ariz. —Mayor R. A. Bledsoe of Flagstaff, Ariz., has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of Federal Works Agency, Berkeley, Calif., that funds to the amount of $5350 will be furnished the City of Flagstaff for the purpose of assisting in the preparation of plans for a sewage treatment plant and extension of the sewage collecting system. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $187,200, to be furnished from general obligation and assessment bonds. The funds made available through the Bureau of Community Facilities of Federal Works Agency are to be repaid without interest when the construction begins.

Wright L. Felt, located at Los Angeles, Calif., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Arizona, and Headman, Ferguson & Carollo, Phoenix, Arz., are the engineers for the City of Flagstaff, to make the final plans.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 31-32

January 30, 1946

FUNDS AWARDED

LONG BEACH, Los Angeles Co., Calif.—S. E. Vickers, city manager, City of Long Beach, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of Federal Works Agency, Berkeley, Calif., that funds to the amount of $25,500 will be furnished the city for the purpose of assisting in the preparation of plans for construction of a high temperature incinerator for reduction of combustible rubbish and garbage with provision for three furnace units of 120 tons each; construction of a two-story metal studding and stucco structure fire station with approximately 5000 sq. ft. floor area, and construction of a fire alarm communication building, one story with full basement and approximately 4200 sq. ft. floor area. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $568,420, to be furnished from general obligation bonds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

Wright L. Felt, located at Los Angeles, Calif., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Southern California. The engineer for the city has not yet been selected.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 31-32

January 30, 1946

BIDS WANTED

YELM, Thurston Co., Wash.—Until February 14, 10 A. M., bids will be received by Consulting Engineer A. K. Stillman, Funk Bldg., Olympia, Wash., for the construction of a 50,000-gallon elevated steel water tank.

Specifications obtainable from the above office. • 31-32

January 30, 1946

PROSPECTIVE BIDDERS

RITZVILLE, Wash.—As previously reported, until February 19, 8 P. M., bids will be received by the City of Ritzville, Jake Hoefel, city clerk, Municipal Bldg., Ritzville, for construction of reinforced concrete water tank, 1,000,000-gal. storage capacity, 22 ft. high, 90 ft. diameter. Alternate bids will be taken on prestressed concrete tank and standard reinforced concrete tank, cast iron and transite pipe.

The following have taken out plans:

H. D. Fowler Co., 538 1st S.
A. J. Goerig & Philp Co., Lloyd Bldg.
James Construction Co., Arctic Bldg.
Bethlehem Steel Corp., 3800 Iowa.
All of Seattle.
Central Construction Co., W. 918 Mallon Ave.
S. G. Morin, S. 309 Bernard St.
Hansen Construction Co., W. 232 Pacific Ave.
Clifton & Applegate, Yardley via Spokane.
All of Spokane.

Specifications obtainable from the above office, also from Consulting Engineer A. K. Stillman, Funk Bldg., Olympia, Wash., upon deposit of $25. • 31-32

January 30, 1946

BIDS WANTED

KELSO, Wash.—Until February 18, 5 P. M., bids will be received by Lora Blackstone, city clerk, 312 Allen St., Kelso, for the construction of sewage disposal plant, 200-gallon capacity. Bidder to state where plant is to be located, cost of additional sewer mains, pumping facilities to deliver raw sewage to plant. Bidder to furnish specifications. Bidder's costs to be complete cost of sewage disposal plant installed and inspected. Bidder to state what degree of purification is to be obtained from proposed plan by stating: (1) final BOD of effluent or reduction of BOD final effluent; (2) bacteria account in final effluent. Bidder to state cost per day or cost per M gallons to obtain stated purification and state cost of sludge proposal and method of disposition of sludge.

Specifications obtainable from the above office. • 31-32

January 30, 1946

CONTRACT AWARDED

PACIFIC BEACH, San Diego Co., Calif.—Moffitt & Waddington Irrigation Co., 4435 Ohio St., San Diego, at $6968.37, awarded contract by the Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco, for installation of a lawn sprinkler system at Project Calif. 4914N, Pacific Beach, San Diego County. • 31

33—BRIDGES

January 30, 1946

CORRECTION—BIDS REJECTED

LOS ANGELES, Calif. — Bids received by the State Division of Highways, C. H. Purcell, State Director of Public Works, Sacramento, for construction of reinforced concrete overcrossing on Hollywood Parkway at Rosemont Ave., Los Angeles, were rejected.

It was incorrectly announced January 29 that the contract had been awarded the previous low bidder, Oberg Bros., 401 W. Redondo Blvd., Inglewood, at $141,946.50. • 33

January 30, 1946

CONTRACT AWARDED

SAN JOAQUIN COUNTY, Calif.—Stockton Construction Co., 40 W. Clay St., Stockton, at $119,997, awarded contract by the State Division of Highways, C. H. Purcell, State Director of Public Works, Public Works Bldg., Sacramento, for the construction of two bridges, one a steel beam span bridge on concrete pile bents across Paradise Cut and the other a reinforced concrete slab bridge on concrete pile bents across Paradise Cut overflow, about six miles east of Tracy in San Joaquin County. • 33

34—DAMS, RESERVOIRS & DREDGING

January 30, 1946

TO ASK BIDS

OLYMPIA, Wash. — The City of Olympia, Wash., is expected to issue a call for bids about February 15 for the construction of a pumping plant, reservoir, small dam and water mains at McAllister Springs, nine miles east of Olympia, Wash.

The work involves:

(1) three 3000 gpm pumps and one 2000 gpm pump, each with maximum dynamic head of 310 ft.;
(2) one 2,000,000 - gallon reinforced concrete reservoir, oval shape, approximately 150x202 ft. in area, 15 ft. depth, not covered;
(3) reinforced concrete dam of approximately 300 ft. crest length, height not yet determined, built around the springs;
(4) eight miles of 36- to 42-in. pipeline, one mile of which will be pressure pipe and seven miles gravity pipe feeding into existing reservoir at Olympia.

Consulting Engineers James W. Carey & Associates, Alaska Trade Bldg., Seattle, are completing plans. • 34

January 30, 1946

CONTRACT AWARDED

SEATTLE, King Co., Wash.—Paul Jarvis, Inc., 3951 6th NW., Seattle, Wash., at $164,016, was awarded contract by the Seattle Board of Public Works, 509 County-City Bldg., Seattle, Wash., for replacing a portion of the existing Cedar Falls wood stave penstock No. 5 with a 78-inch electrically welded steel penstock. The work includes 2541 ft. of 78-inch electrically welded steel penstock, 560 cu. yds. concrete and 11,500 lbs. of reinforcing steel to be used between Masonry Dam and Cedar Falls. • 34

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38—ELECTRIC LIGHTING TRANSMISSION LINES

January 30, 1946

BIDS WANTED

PORTLAND, Ore.—Until February 13, 1:30 P. M., bids will be received by the U. S. Department of Interior, Bonneville Power Administration, L. C. Stewart, procurement officer, 1300 NE. Union Ave., Portland 8, for furnishing all labor, certain materials and performing all work for construction of Albany-Toledo 115-kv. wood pole transmission line, beginning at structure identified as A T-2/9, approximately two miles northwest of Albany, west to approximately ¼ mile east of Toledo, 40.2.

Specifications obtainable from the above office. • 38

January 30, 1946

CONTRACT AWARDED

SAN FRANCISCO.—H. C. Reid, 389 Clementina St., San Francisco, at $35,177, awarded contract by the Public Utilities Commission, Room 287 City Hall, under Bureau of Light, Heat and Power contract No. 41 for constructing street lighting system at Lombard and Richardson Ave. from Van Ness Ave. to Lyon St.

The work involves:

(1) lump sum, construct street lighting system;
(2) lump sum, furnish and install certain facilities for traffic signal systems. • 38

January 30, 1946

REJECTION RECOMMENDED

SANDPOINT, Idaho. — Northern Idaho Rural Electrification Rehabilitation Association, Sandpoint, Idaho, recommended the rejection of bids received for approximately 163 miles of power line in Bonner and Boundary counties.

James Roberts Co., W. 819½ First, Spokane, at $213,980, had submitted previous low bid. • 38

January 30, 1946

BIDS WANTED

CENTRAL VALLEY PROJECT, Californai.—Until March 15, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Denver, Colo., under Spec. No. 1162 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Marysville, Calif., at the option of the bidder, galvanized steel towers and appurtenances for the 230-kv. Oroville-Sacramento transmission line, Central Valley Project, California. The material will be installed by the government. The specifications do not contain a provision for liquidated damges for delay. No charge for copies of the specifications to prospective bona fide bidders; to others, $1, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colo. • 38

39—SEWERS

FUNDS AWARDED

SALT LAKE CITY, Salt Lake Co., Utah.—John B. Matheson, commissioner of streets and public improvements, Salt Lake City, Utah, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $25,000 will be furnished the Salt Lake City Corporation for the purpose of assisting in the preparation of plans for constructing extensions and improvements to the storm sewer system, including manholes, catchbasins, connections, special structures and all necessary appurtenances to serve the northeast, south, central and western portions of Salt Lake City The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $1,050,000, to be furnished from available cash and other funds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

H. C. Jessen, located at Salt Lake City, Utah, is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Utah, and W. D. Beers, Salt Lake City, is the architect for the city to make the final plans.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 39

40— STREETS AND HIGHWAYS

January 30, 1946

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Calif. —J. B. Bateman, 590 Stockton Ave., San Jose, at $7182, submitted low bid and was awarded contract by the city clerk of the City of San Jose for furnishing labor, emulsified asphalt, granite screenings, hauling and placing of quarry waste and the preparation of the finished subgrade necessary to perform the work of macadamizing city property located between Polhemus St. and Ashbury St.; Spring St. and Irene St. in the City of San Jose and designated as Victory Village, all as set out and delineated upon the plans and specifications therefor on file in the office of the city engineer of the City of San Jose.

Complete bids were:

J. C. Bateman, $7182.
Prazza & Huntley, $12,197.67.
A. J. Raisch, $10,117.07.
Union Paving Co., $9407.96. • 40

January 30, 1946

BIDS WANTED

OLYMPIA, Wash.—Until February 14, 10 A. M., bids will be received by Director of Highways Clarence B. Shain, Olympia, Wash., for the construction of the following improvements:

(1) Constructing three reinforced concrete highway grade separation structures on primary state highway No. 1, in the vicinity of Kelso in Cowlitz County, at Allen St., Brinyon St. and vicinity of Station 571, Federal Aid Projects Nos. UI-32(11) Unit 1, UI-32(12) Unit 4, and FI-32(6) Unit 1, involving about 2025 cu. yds. of class A concrete, 30 cu. yds. of class B concrete, 360 cu. yds. of class F concrete, 867 lin. ft. of reinforced concrete bridge railing, 595,000 lbs. of steel reinforcing bars, 5000 lin. ft. of timber piling (untreated), 8200 lin. ft. of steeling piling and other items.

(2) Grading and surfacing on 1.866 miles of primary state highways Nos. 1 and 12, Kelso to Rocky Point and Allen St. connection in Cowlitz County, Federal Aid Projects Nos. UI-32 (11) Unit 2, UI-32(12) Unit 3, FI-32 (6) Unit 1, and UI-167(12), involving abuot 29.26 acres of clearing, 16.45 acres of grubbing, 399,370 cu. yds. of common excavation, 28,820 cu. yds. of solid rock excavation, 6205 cu. yds. of common trench excavation, 4140 cu. yds. of structure excavation, 6145 cu. yds. of ballast, 4160 cu. yds. of crushed stone surfacing, 590 lin. ft. of cement concrete curb, 335 sq. yds. of cement concrete sidewalk, 179.21 cu. yds. of class A concrete, 4.0 cu. yds. of class B concrete, 70.24 cu. yds. of class C concrete, 28,626 lbs. of steel reinforcing bars, 1130 lin. ft. of beam guard rail, 4692 lin. ft. of culvert pipe and other items.

(3) grading, paving, constructing reinforced concrete retaining walls and constructing a reinforced concrete T-beam bridge over Pacific Coast Railroad Co. tracks on 0.25 miles of primary state highway No. 5, Maple Valley vicinity in King County, Federal Aid Project No. SG-19(3) and state project, involving about 2520 cu. yds. of unclassified excavation, 1231 sq. yds. of cement concrete pavement, 122,320 lbs. of steel reinforcing bars, 12,200 lbs. of pavement reinforcing, 270 cu. yds. of class A concrete, 80 cu. yds. of class B concrete, 269 cu. yds. of class F concrete, 3800 lbs. of structural steel, 438 lin. ft. of culvert pipe and other items.

(4) Grading, surfacing and constructing two steel and concrete bridges over the Soleduck River on 1.774 miles of primary state highway No. 9, Sniders Ranger Station east and west, McDougal Creek revision, in Clallam County, Federal Aid Project No. F-170(10), involving about 18.92 acres of clearing, 11.56 acres of grubbing, 112,030 cu. yds. of common excavation, 3500 cu. yds. of solid rock excavation, 7480 cu. yds. of selected roadway borrow, 4110 cu. yds. crushed stone surfacing, 490 cu. yds. of crushed cover stone, 340 cu. yds. of crushed mineral aggregate, 3230 lin. ft. of beam guard rail, 5150 lin. ft. of special wood gutter, 1019 lin. ft. of culvert pipe, 744 cu. yds. of class A concrete, 446 cu. yds. of class F concrete, 366 cu. yds. of class H concrete, 640 lin. ft. reinforced concrete bridge railing, 247,000 lbs. of steel reinforcing bars, 568,000 lbs. of structural steel, 5200 lbs. of cast steel and other items.

Federal funds have been allocated for the above construction.

Unskilled labor employed for all federal projects shall be obtained from lists prepared by agencies designated by the United States Employment Service.

All bid proposals shall be accompanied by a bid proposal deposit in cash, certified check or cashier's check in an amount equal to five per cent (5%) of the amount of such bid proposal. Should the successful bidder fail to enter into such contract and furnish a satisfactory performance bond within the time stated in his proposal ,the bid proposal deposit shall be forfeited to the State of Washington.

Prequalification of bidders is required. Maps, plans and specifications may be obtained from this office upon written request therefor and payment to the director of highways by cash, certified check, cashier's check or money order the sum of two dollars ($2.00) for each copy of such maps, plans and specifications as a rental for the use of them. Plans will be forwarded by third class mail.

Informational copies of maps, plans and specifications are on file in the office of the county engineer of the county in which the work is situated, the chapter office of the Associated General Contractors of America at Seattle, Spokane, Tacoma and Portland and the offices of the district engineers of the Department of Highways where they may be inspected. • 40

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January 30, 1946

BIDS WANTED

SAN FRANCISCO—Until Jan. 30, 1:45 P. M., bids will be received by the Department of Public Works, Room 282, City Hall, for sand removal on 30th Avenue bet. Taraval and Santiago Streets; est. cost, $730.

Specifications obtainable from the office of City Engineer Ralph Wadsworth, City Hall. • • 40

January 30, 1946

BIDS WANTED

STOCKTON, San Joaquin Co., Cal. —Until Feb. 1, 11 A. M. (postponed from January 29), bids will be received at the office of the officer in charge of construction, U. S. Naval Supply Annex, Stockton, under Spec. 17555 for additional drainage systems and extensions of motor parking area at the U. S. Navay Supply Annex, Stockton.

The work contemplated includes, but is not limited to, the construction of catchmen basins, headwalls and ditches, the furnishing and installation of corrugated metal pipe as inverted siphons and culverts, the furnishing and installation of reinforced concrete pipe drains and laterals, paving removal and replacement, and revisions and such incidental features of construction as are necessary to the completion of the drainage project.

The work contemplated also includes the installation of an extension to an existing motor parking area, together with the furnishing and installation of corrugated metal pipe culverts, construction of headwalls and ditches, the laying of redwood bumper blocks and such incidental features of construction as are necessary to the completion of the motor parking area.

Specifications may be obtained from the above office upon deposit of check or postal money order for $10, payable to Chief of Bureau of Yards and Docks.

A set of plans and specifications, together with Addendums 1, 2 and 3, are now on file at the office of DAILY PACIFIC BUILDER, 465 10th Street, San Francisco. • • 40

January 30, 1946

BIDS WANTED

MOFFAT COUNTY, Colo. — Until February 5, 10 A. M., bids will be received by the Solorado State Highway Department, A. F. Hewitt, state highway engineer, Denver, Colo., for the construction of state project No. 49-64-501, a gravel surfacing project 1.477 miles long, located between Rangely and Wileys Resort on state highway No. 64 in Moffat County, Colo. Completion time, 180 days. Certified or cashier's check in amount of 8% of bid required if total bid is under $50,000, and 5% if bid exceeds $50,000.

Specifications obtainable from the above office. • 40

41—GAS, WATER AND OIL PIPE LINES

January 30, 1946

BIDS WANTED

YELM, Thurston Co., Wash.—Until February 14, 10 A. M., bids will be received by W. H. Frisbie, town clerk, for the construction of water mains, including 4000 ft. of 6-in., 2800 ft. of 4-in. asbestos cement pipe; 12 fire hydrants, 26 gate valves and miscellaneous items.

Specifications obtainable from the above office, also from Consulting Engineer A. K. Stillman, Funk Bldg., Olympia, Wash. • 41

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Misc. Supplies & Materials 42
Machinery and Equipment 43

42— MISC. SUPPLIES AND MATERIALS

January 30, 1946

BIDS WANTED

SAN FRANCISCO—Until February 12, 2 P. M., bids will be received by the U. S. Department of Agriculture, Forest Service, 447 Sansome St., San Francisco 11, under Bid No. 362 for furnishing and delivering 20 torches, orchard type, 1½-gal. capacity, complete with wick and holder, to be similar and equal to Western Fire Equipment Co. No. 1845, f.o.b. Willows, Calif.

Specifications obtainable from the above office. • 42

January 30, 1946

CONTRACT AWARDED

SAN FRANCISCO. — George F. Brayer, 166 7th St., San Francisco, at $3263, awarded contract by the Public Utilities Commission, Room 287 City Hall, under Municipal Railway Contract No. 243 for installing electric feeders and switchboards in 24th St. garage. • 42

January 30, 1946

BIDS WANTED

SAN FRANCISCO.—Until Feb. 14, 2 P. M., bids will be received by the U. S. Treasury Dept., Procurement Division, 30 Van Ness Ave., under Inv. No. SF-2769-46, for furnishing and delivering garbage cans and milk cans, fob 650 Fifth St., San Francisco.

Specifications obtainable from the above office. • • 42

January 30, 1946

NO BIDS RECEIVED

SAN FRANCISCO—No bids were received January 28 by the Purchaser of Supplies of the City and County of San Francisco, 270 City Hall, for furnishing and delivering 100 rolls of Mastipave floor paper for the Municipal Railway. • • 42

January 30, 1946

BIDS OPENED

BOULDER CITY, Nev. — The following submitted bids to the Bureau of Reclamation, Purchasing Agent, Room 400 U. S. Custom House, Denver, Colo., under Inv. No. L-23,014-A for 5000 bbls. modified portland cement in paper sacks, f.o.b. (a) shipping point, (b) Boulder City, Nev.:

Southwestern Portland Cement Co., Los Angeles, Calif., $1.95, f.o.b. Victorville, Calif.; terms net.

Monolith Portland Ceemnt Co., Monolith, Calif., (a) $2.94, (b) $1.9615, f.o.b. Monolith, Calif.; terms net.

Riverside Cement Co., Los Angeles, $1.9615, f.o.b. Los Angeles; terms net.

Permanente Cement Co., Oakland, Calif., $2.94, f.o.b. Boulder City; terms net. • 42

January 30, 1946

BID OPENED

SAN FRANCISCO.—Federal Metals Division, American Smelting & Refining Co., at $130 per ton net, delivered three days, submitted only bid January 28 to the purchaser of supplies of the City and County of San Francisco, 270 City Hall, for furnishing and delivering 15 tons pig lead for San Francisco Water Department. • 42

43— MACHINERY AND EQUIPMENT

January 30, 1946

BIDS WANTED

SAN FRANCISCO—Until February 8, 2 P. M., bids will be received by the U. S. Department of Agriculture, 447 Sansome St., San Francisco 11, under Bid No. 363 for the movement of household goods from Canby, Calif., to Richmond, Calif.

Specifications obtainable from the above office. • 43

January 30, 1946

CONTRACT AWARDED

CENTRAL VALLEY PROJECT, California. — The American Bridge Co., Denver, Colo., at $102,220, awarded contract by the U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Denver, under Spec. 1121 for furnishing and delivering nine intake gates for the penstock intake structure at Keswick Dam, Kennett Division, Central Valley Project, California, f.o.b. shipping point and/or Redding. • 43

January 30, 1946

NO BIDS RECEIVED

EL TORO, Orange Co., Calif.—No bids were received by the U. S. Navy, Public Works Dept., 11th Naval District, 1220 Pacific Highway, San Diego, January 24 for furnishing materials and equipment and the installation of additional refrigeration equipment for Cold Storage Bldg. No. 24 at the Marine Corps Air Station, El Toro; Spec. No. 17496.

The work will include new refrigeration machinery and equipment, electrical work and the making of alterations to existing related work. 43

January 30, 1946

NO BIDS RECEIVED

OAKLAND, Alameda Co., Calif.—No bids were received January 29 by the Oakland City Council, City Hall, Oakland, for two automatic calculating machines. • 43

January 30, 1946

CONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—Weaver-Paps Co., 2560 Webster St., Oakland, at $2982.22, awarded contract by the Oakland City Council, City Hall, for police ambulance. • 43

January 30, 1946

BIDS WANTED

PHOENIX, Ariz.—Until February 6, 10 A. M., bids will be received by the Arizona State Highway Department, 17th Ave. and Jackson St., Phoenix, Ariz., for the purchase of new radio equipment (one transmitter and two remote line control units).

Specifications obtainable from the above office. • 43

Bid Opening Schedule

Bid Opening Date	Project	Location of Project	Noted in Issue
BUILDING PROJECTS			
1-30	— 1:45 P.M.—Boiler	San Francisco	1-29
1-30	Repair Roof (City)	San Francisco	1-24
1-31	Trailer (City)	Fresno	1-24
1-31	Grain Elevator (Tulana Farms)	Worden, Ore.	12-27
1-31	Building Conversion (Navy)	San Francisco	1- 7
1-31	Boathouse (City)	San Francisco	1-25
1-31	Motel Buildings (Miller)	Oakland	1-22
1-31	Store (Lamzafame)	Pittsburg	1-22
2- 1	School Addition (Dist.)	Fair Oaks	1- 7
2- 1	Repaint Tanks (Govt.)	Sacramento	1-21
2- 1	Electric Distribution System (Navy)	San Diego	1-23
2- 4	Factory (Shaw)	San Francisco	1-23
2- 4	Add to School (Dist.)	Coachella	1-10
2- 4	Electrical Work (Govt.)	Oakland	1-23
2- 4	Stores (Weeks)	Oakland	1-25
2- 4	— 2:00 P.M.—Factory	Dixon	1-29
2- 5	—10:00 A.M.—Community Center	Ocean Beach	1-29
2- 5	Warehouse (State)	Sacramento	1-16
2- 5	Install Equipment (Govt.)	Fort Peck, Mont.	1-17
2- 5	Miscellaneous Buildings (Navy)	Inyokern	1-17
2- 5	Alter Building (Navy)	Riverside County	1-24
2- 5	Community Bldg. (City)	San Diego	1-21
2- 6	— 2:00 P.M.—Theater	Oakland	1-29
2- 6	Repairs to Motor (Govt.)	Bellingham, Wash.	1-23
2- 6	Directory Board (Govt.)	Sacramento	1-23
2- 6	Addition to Clinic (City)	San Francisco	1-24
2- 7	Expand Sheet Metal Shop (Navy)	San Francisco	1-18
2- 8	School (County)	Pima County, Arizona	1-25
2- 8	—Newspaper Building	Anchorage, Alaska	1-25
2- 9	—11 A.M.—Store	Pittsburg	1-25
2-13	School (County)	Shafter	1-24
2-13	— 8:00 P.M.—Shops Building	San Mateo	1-29
2-14	Grain Elevator (Tulana Farms)	Warden, Ore.	1-23
2-18	— 8:00 P.M.—Schoolroom	Pittsburg	1-29
2-18	Steel Partitions (Govt.)	Denver, Colo.	1- 8
2-19	Bond Election (Dist.)	San Jose	1- 7
2-21	Paint Post Office (Govt.)	Redondo Beach	1-18
2-25	Painting and Repairs (Govt.)	San Diego	1-23
2-26	Hospitals (Veterans' Admin)	Grand Junction, Colo.	1-25
2-27	Addition to School (Dist.)	Downey	1-16
2-27	— 2:00 P.M.—Elevator	Tacoma, Wash.	1-29
3- 1	Painting (Govt.)	Eureka, Utah	1-26
ENGINEERING PROJECTS			
1-30	Army Street Sewer (City)	San Francisco	1- 7
1-30	Sewer System (City)	San Francisco	1- 9
1-30	Water Mains (State)	Portland, Ore.	1-24
1-30	Grading, Etc. (State)	Flagstaff, Ariz.	1-16
1-30	Improve Road (State)	Merced	1-15
1-31	— 2 P.M.—Water System	Petaluma	1-25
2- 1	— 5 P.M.—Curbs, Paving	Glendale	1-25
2- 2	Friant-Kern Canal (Reclamation Bureau)	Friant	1- 4
2- 4	— 2 P.M.—Water Works	Mountainair, N. M.	1-25
3- 4	Generating Units (City)	Pasadena	1-18
2- 5	Sewers (City)	Alameda	1-17
2- 5	Install Powerhouse Equipment (Govt.)	Fort Peck, Mont.	1-18
2- 5	Earthwork, Etc. (Govt.)	Central Valley Project	1- 8
2- 5	Improve Highway (State)	Olympia, Wash.	1-22
2- 6	Improve Avenue (City)	San Francisco	1-22
2- 6	Improve Streets (City)	San Francisco	1-17
2- 6	—10 A.M.—Grading, Surfacing	Portland, Ore.	1-25
2- 6	Apply Cement (City)	Los Angeles	1-23
2- 7	Overhead Crossing (State)	Los Angeles County	1- 8
2- 7	Spillway (Govt.)	Canton Dam, Oklahoma	1- 4
2- 7	Spillway, Etc. (Dist.)	Canton, Okla.	1-10
2- 8	Sewers (City)	San Francisco	1-17
2- 8	Addl. Paving (Navy)	San Francisco	1- 8
2- 8	Paving (Navy)	San Francisco	1-25
2- 8	Improve Alley (City)	Sacramento	1-22
2- 8	Scott Street Sewer (City)	San Francisco	1-21
2- 8	Electric Distribution System (Govt.)	San Diego	1-22
2- 8	— 8:00 P.M.—Sewers	Calistoga	1-29
2-11	Cargo Vessels (Govt.)	Washington, D. C.	1-18
2-11	Furnish Labor (City)	Wolf Point, Mont.	1-25
2-11	Transmission Line (Govt.)	Oroville to Sacramento	1-16
2-13	Grading, Etc. (State)	El Dorado County	1-15
2-13	—11 A.M.—Water Pipe System	San Diego	1-25
2-13	Sewers (County)	Los Angeles County	1-21
2-13	Sanitary Sewers (County)	Los Angeles County	1-21
2-14	Overhead Crossing (State)	Los Angeles	1-15
2-14	Overcrossing (State)	San Diego	1-15
2-14	Overcrossing (State)	Los Angeles	1-15
2-15	Resurface Road (City)	El Dorado County	1-22
2-15	—10:00 A.M.—Well	North Las Vegas	1-29
2-16	—10:00 A.M.—Runway	St. George, Utah	1-29
2-16	Improve Pine St. (City)	San Francisco	1-21
2-18	Runways (Govt.)		1-23
2-18	—11:00 P.M.—Bridge	Merced	1-29
2-19	— 8:00 P.M.—Sewers	Tracy	1-29
2-19	Concrete Water Tank (City)	Ritzville, Wash.	1-16
2-19	Reservoir (City)	Ritzville, Wash.	1-21
2-21	Improve Highway (State)	Los Angeles	1-22
2-21	Freeway (State)	Los Angeles	1-24
2-21	Fort Gibson Dam (Govt.)	Fort Gibson, Okla.	1-18
2-27	— 2:00 P.M.—Bridge	Solano County	1-29
2-27	— 2:00 P.M.—Highways	Contra Costa County	1-29
3-12	Kortes Dam (Govt.)	Missouri Basin Project	1-18
SUPPLIES AND EQUIPMENT			
1-30	Transmission Line, Etc. (Govt.)	San Francisco	1-15
1-30	Reinforcing Bars (Govt.)	Los Angeles	1-18
1-30	Pulleys (Govt.)	San Francisco	1-18
1-30	Cement (Govt.)	Denver, Colo.	1-22
1-30	Lamps and Batteries (Govt.)	San Francisco	1-22
1-30	Tinplate, Etc. (Navy)	San Francisco	1-23
1-30	Dismantle Crane (Navy)	Hunters Point	1-21
1-31	Boiler and Stoker (Govt.)	Ellensburg, Wash.	1-21
1-31	Cooling System (Smith)	Bakersfield	1-14
1-31	Sheds and Shacks (Navy)	San Francisco	1-23
1-31	— 2 P.M.—Reinforcing Bars	Denver, Colo.	1-25
1-31	— 2 P.M.—Reinforcing Bars	Denver, Colo.	1-25
1-31	Paper Fastenings (Govt.)	San Francisco	1-18
1-31	—10 A.M.—Motorcycles	Fresno	1-29
2- 1	—Turret Assemblies	San Diego	1-29
2- 1	— 2 P.M.—Cement.	Denver, Colo.	1-25
2- 1	Oil Circuit Breakers, Etc. (Govt.)	Redding, Etc.	1- 8
2- 1	Rulers, Folders (Govt.)	San Francisco	1-16
2- 1	Fire Hose (City)	Sacramento	1-22
2- 4	— 2 P.M.—Mowing Machine	Sacramento	1-25
2- 4	— 7:30 P.M.—School Busses	Modesto	1-29
2- 4	Automobile (City)	Napa	1-23
2- 5	Furnish Pumps (Govt.)	Columbia Basin Project, Wash.	12-20
2- 5	Pump Engine (City)	Phoenix, Ariz.	1-18
2- 5	Hydraulic Machinery (City)	Oakland	1-23
2- 5	— 2 P.M.—Materials	Denver, Colo.	1-29
2- 5	— 2 P.M.—Cedar Poles	Sacramento	1-25
2- 6	—10 A.M.—Electric Cable	San Francisco	1-25
2- 6	—10 A.M.—Bolts, Clamps, Etc.	San Francisco	1-25
2- 6	Tube (City)	Oakland	1-25
2- 6	—Fireboats	Washington, D. C.	1-29
2- 7	—10 A.M.—Pump and Motor	Los Angeles	1-25
2- 8	—10 A.M.—Property Sale	San Francisco	1-29
2- 8	— 2 P.M.—Tires	San Francisco	1-29
2- 8	— 2 P.M.—Telephones	San Francisco	1-29
2- 8	Fire Hose (Govt.)	San Francisco	1-21
2- 8	Hatchets (Govt.)	San Francisco	1-21
2- 8	Cars (Govt.)	Shoshone Project, Wyoming	1-22
2- 8	School Coach (Dist.)	Inyo County	1-15
2- 8	Transformers (Govt.)	Shoshone Project, Wyoming	1-23
2-11	Shovel Handles (Govt.)	San Francisco	1-18
2-11	— 2 P.M.—Fire Engine	Riverside	1-25
2-11	— 8 P.M.—Sand-Gravel	Kingsburg	1-29
2-12	— 2 P.M.—Burlap	San Francisco	1-29
2-12	— 2 P.M—Tractor	San Francisco	1-29
2-12	— 2 P.M.—Shroud Line	San Francisco	1-29
2-13	— 7:30 P.M.—Trucks	Modesto	1-29
2-13	— 7:30 P.M.—Sedans	Modesto	1-29
2-13	— 7:30 P.M.—School Bus	Coalinga	1-29
2-13	Span Bridge (State)	Kern County	1-15
2-14	— 2 P.M.—Burlap Wrappers	San Francisco	1-25
2-14	— 2 P.M.—Cellulose Tape	San Francisco	1-25
2-15	— 2 P.M.—Pumps	Los Angeles	1-25
2-15	— 2 P.M.—Fiber Door Mats	San Francisco	1-29
2-15	Transformers (Govt.)	Las Cruces, N. M.	1-21
2-18	Structural Steel Anchorages, Etc. (Govt.)	Central Valley Proj.	1-15
2-18	Tank Truck Facilities (Standard Oil Co.)	Richmond	1-25
2-20	—10 A.M.—Sedan	Reno, Nev.	1-25
2-25	Radio Appliances (Govt.)	Denver, Colo.	1-22
2-28	— 2 P.M.—Cars	Redding	1-29
3- 4	— 2 P.M.—Cars	Redding	1-29
3- 7	Pumps, Etc. (Govt.)	Columbia Basin Project.	1-11
3-12	— 2 P.M.—Cars	Denver, Colo.	1-29
3-20	Sanitary Sewer (City)	Mill Valley	1-18

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Building Permits, Contracts---Recorded Notices

BUILDING PERMITS

Building Permits, $1,000 and Over, Applied For

SAN FRANCISCO COUNTY

ALTER shop and storage
66 PAGE STREET.
Owner—R A Parina, premises.
Contractor—Barrett & Hilp, 918 Harrison Street.
Architect—Not Given. $10,000
(App No 85675).

FLATS, 2-STORY FRAME
S CARMEL 138.8 W Cole St.
Owner—John and Ida Bech, 1600 12th Avenue.
Contractor—John Bech, 1600 12th Av.
Architect—Not Given. $7,000
(App No 85642).

DWELLING, 1-story frame
E 29th AVE 75 N Pacheco St.
Owner and Builder—Marvel Home Builders, 1815 42nd Avenue.
Architect—Not Given. $5,300
(App No 85672).

ALTER RESTAURANT
2239 CLEMENT STREET.
Owner—Herbert Pastene, c/o cntr.
Contractor—Van Bokkelen-Cole Co, 444 Market St.
Architect—Not Given. $5,000
(App No 85673).

ALTER Flats and Store
1554-66 ELLIS STREET.
Owner—Geo Stefin, 251 Kearny St.
Architect—Not Given. $5,000
(App No 85648).

ALTER APTS
SACRAMENTO and Powell Streets.
Owner—Douglas Dorn, premises.
Contractor—Barrett & Hilp, 918 Harrison Street.
Architect—Not Given. $5,000
(App No 85677).

DWELLING, 1-story frame
E 45th AVE 175 N Taraval.
Owner and Builder—J J Flynn, 1990 Berryman St, Berkeley.
Architect—Not Given. $4,800
(App No 85671).

DWELLING, 1-story frame
E 45th AVE 150 N Taraval St.
Owner—Russel Pierce, 188 Jersey St.
Contractor—J Bissinger, 2199 Jackson Street.
Architect—Not Given. $4,800
(App No 85656).

DWELLINGS, 10 1-story frame
W SAWYER 367, 392, 417, 442, 467, 492, 517, 542, 567, 592 S Sunnydale.
Owner and Builder—Sbarboro & Jorgensen, Inc, 45 Rayclift Terrace.
Architect—Not Given. $4,700 each
(App Nos 85661 to 70).

DWELLING, 1-story frame
NW LASALLE and Mendell.
Owner—Jos Vassallo, 1107 Mendell.
Architect—Not Given. $4,600
(App No 85655).

ALTER store and apts
4057 18th STREET.
Owner—Max Boxerbaum, premises.
Architect—Not Given. $2,000
(App No 85649).

DWELLING, 1-story frame
S PANAMA 142 W San Diego.
OwnerH Bauer, 1138 Mission St.
Architect—Not Given. $1,800
(App No 85654).

ALTER DWELLING
3015 SAN JOSE AVENUE.
Owner and Contractor—Wm Blomsetti, 227 Wellington Avenue, Daly City.
Architect—Not Given. $1,500
(App No 85650).

ALTER HOTEL
630 GEARY STREET.
Owner—Paul R Clark, 630 Geary St.
Contractor—Robt McCarthy Co, 1050 Kirkham St.
Architect—Not Given. $1,000
(App No 85652).

ALTER real estate office
3472 MISSION STREET.
Owner—Michael Perri, 623 Taraval.
Contractor—H Misrack, 575 6th St.
Architect—Not Given. $1,000
(App No 85646).

Building Permits, $1,000 and Under, Applied For

SAN FRANCISCO COUNTY

ALTER FLATS, $700; 1037 Stanyan St; owner, J Vukovich, 283 Church; builder, Coast Construction Co, 2172 Market.

ALTER BAKERY STORE, $585; 1938 Ocean Ave; owner, J Kizel, prem; builder, El Rey Building & Cabinet Shop, 430 Holloway Ave.

ALTER STORE, $500; 2550 San Bruno Ave; owner, Mrs Bonneap, prem; builder, Peter D Scatena, 1269 Shafter Ave.

ALTER APARTMENTS, $500; 360 Eureka St; owners, Mr and Mrs Geo Hart, premises; day work.

Building Permits, $1,000 and Over, Applied For

ALAMEDA COUNTY

ALTERATIONS
1922 LINCOLN Ave, ALAMEDA.
Owner and Contractor—A Rea, 1922 Lincoln Avenue.
Architect—Not Given. $1,500

ALTERATIONS
1500 ENCINAL Ave, ALAMEDA.
Owner—F Butters, 1512 Encinal Ave.
Contractor — Grey Constr Co, 1047 Santa Clara Ave.
Architect—Not Given. $1000

ADDITION, 1-story brick
2547 E 14th STREET, OAKLAND.
Owner—Phil Davis, premises
Contractor—Willis F Lynn, 1040 Folger Ave, Berkeley.
Architects—Reynolds & Chamberlain 3833 Piedmont Ave. $20,000

DWELLING, 2-story multiple
3446-52 SCHOOL ST, OAKLAND.
Owner and Builder — A Casqueiro, 2072 82nd Ave.
Plans by D Stegman, Monroe Street, Lafayette. $15,500
Garage, $720.

DUPLEX, 1-story 8-room
3307-09 ADELL COURT, OAKLAND.
Owner and Builder—Sol Scherman, 3805 Foothill Blvd.
Architect—Not Given. $7,500

DWELLING, 1-story 5-room
121 MARLOW DR, OAKLAND.
Owner—A M Penrose, 44 Danbury.
Contractor—W J Josephs, 3122 Minna Ave.
Architect—Not Given. $6,400
Garage, 1-story, $350.

DWELLING, 1-story 6-room
3351 GUIDO ST, OAKLAND.
Owner and Builder—Stanley W Johnson, 455 Oakes Blvd, San Leandro.
Architect—Not Given. $6,000

DWELLING, 1-story 5-room
2305 LEGION AVE, OAKLAND.
Owner and Builder—W H Warren. 3490 Midvale Ave.
Architect—Not Given. $5,000

DWELLING, 1-story 5-room
3251 ADELL COURT, OAKLAND.
Owner and Builder—Sol Scherman, 3805 Foothill Blvd.
Architect—Not Given. $5,000

WAREHOUSE, 1-story
305 ADELINE ST, OAKLAND.
Owner and Builder—R E Martin, 305 Adeline St
Architect—Not Given. $5,000

ALTER AND ADDITION
3519 RHODA AVE, OAKLAND.
Owner and Contractor—J C and B R Hayes, 3521 Rhoda Ave.
Architect—Not Given. $4,500

DUPLEX, 2-story 4-room
2536-A-B IVY DRIVE, OAKLAND.
Owner—R B Pahlmeyer, premises.
Contractor—Sol Scherman, 3805 Foothill Blvd.
Architect—Not Given. $4,000

WRECK 2-story bldg
5968 TELEGRAPH Ave, OAKLAND. Creamery, 5960 Telegraph Ave.
Owner and Contractor—R A Shuey
Architect—Not Given. $2,000

ALTERATIONS
1146-56 E 12th ST, OAKLAND.
Owner and Contractor—Walsie Kelley, 847 Donovan Dr, San Leandro

ALTERATIONS
347 14th ST, OAKLAND.
Seaboard Finance Co, premises.
Contractor—The Mastercraft Co, 842 Fourth Avenue.
Architect—Not Given. $1,000

ALTER AND REPAIRS
10063 BROADWAY Ter, OAKLAND.
Owner and Contractor—J H MacLafferty, Jr, premises.
Architect—Not Given. $1,000

PERMITS UNDER $1,000

ALAMEDA COUNTY

ALAMEDA

GARAGE, $600; 3117 Bayo Vista; owner and builder, R P Bowman, 3117 Bayo Vista.

RE-ROOF, $498; 1501 Fernside; owner, Schuermann, prem; contractor, Camisa Bros Roofing Co, 1901 Broadway.

RE-ROOF, $480; 2009 Central Ave; owner, M E Lee, prem; contractor, Camisa Bros Rfg Co, 1901 Broadway.

RE-ROOF, $440; 2040 Santa Clara; owner, L H Griffith, prem; contractor, W Thomas Rfg Co, 2019 E 30th St.

RE-ROOF, $400; 1901 Encinal Ave; owner, Dr Etter, 1624 Franklin St; contractor, Camisa Bros Rfg Co, 1901 Broadway.

RE-ROOF, $360; 2026 San Antonio; owner, Mrs Licursi, 75 Waller St, S F; contractor, Camisa Bros Rfg Co, 1901 Broadway.

OAKLAND

ADDITION, $800; 2026 E 17th St; owner, Louis Vasconselles, prem; contractor, Q V Pereira, 3301 Columbian Dr.

REPAIR fire damage, $800; 3765 Webster St; owner, K Helm, 3929 Allendale Ave; contractor, Van Bokkelen-Cole Co, 955 22nd St.

ADDITION, $600; 901 Portal Ave; owner and contractor, J A Hensley, premises.

SIGN, electric, $500; 441 E 8th St; owner, Commercial Truck Service, premises; contractor, Elec Prod Corp, 950 30th St.

OFFICE BLDG, $400; 2069 Mtn Blvd; owner and builder, B G Butterfield, 2039 Asilomar Dr.

SIGN, electric, $300; 1831 San Pablo Ave; owner, American Bus Lines, prem; contractor, Electric Sign Repair Co, 699 Jean St.

ADDITION, $300; 3116 Nicol Ave; owner and builder, Chas L Cowell, 3116 Nicol Ave.

GARAGE, $300; 234 Tunis Rd; owner and builder, T and D S Osborn, premises

GARAGE, $280; 9508 MacArthur Blvd; owner and builder, Mrs L B Davis, premises.

ADDITION, $250; 1824 67th Avenue; owner, E Manning, prem; contractor, D M Cotton, 5042 Calaveras.

BILLBOARD, $250; 3408 Foothill Blvd; owner, Craig Oil Co, prem; contractor, Fred D Alexander, 1724 Franklin St.

SIGN, electric, $200; 338 14th Street; owner, Royal Liquors, prem; contractor, American Neon Displays, 1051 19th Ave.

SIGN, electric, $200; 2018 73rd Ave; owner, Home Cleaners, premises; contractor, American Neon Displays, 1051 19th Ave.

SIGN, electric, $200; 3910 MacArthur Blvd; owner, Boulevard Liquors, prem; contractor, American Neon Displays, 1051 19th Ave.

ALTER, $200; 2011 Grove St; owner, E Hardwick, prem; contractor, J E Carlson, 3190 Texas St.

ALTER, $200; 1676-A 7th St; owner and contractor, John Singer, prem.

SHED, 1-story, $150; 1610 52nd Ave; owner and builder, Mel Morris, premises.

SIGN, electric, $150; 4100 Telegraph; owner, Hancock Oil Co, premises; contractor, Elec Prod Corp, 950 30th St.

ALTER and Addn, $100; 2614 67th Ave; owner and contractor, Chas Di Bari, 2614 67th Ave.

SIGN, metal, $90; 906 7th St; owner, M F Edlin, prem; contractor, Coca Cola Bottling Co, 1340 Cypress.

METAL SIGN, $50; 4366 Broadway; owner, Jas J Foster, prem; builder, Coca-Cola Bottling Co, 1340 Cypress St.

BILLBOARD, $50; SW cor 9th and Clay Sts; owner and builder, Foster & Kleiser Co, 22nd and Market.

BILLBOARD, $50; W Harrison 50 N 19th St; owner and builder, Foster & Kleiser, 22nd and Market Sts.

1-STORY SHED, $50; 6938 Simson St; owner and builder, Norman Swart, 6938 Simson St.

ROOF SIGN, $50; SW cor 19th and Webster; owner, C A Ruppert, prem; builder, Coca-Cola Bottling Co, 1340 Cypress St.

METAL SIGN, $40; 4228 Telegraph; owner, Geo Maderias, prem; builder, Coca-Cola Bottling Co, 1340 Cypress St.

METAL SIGN, $40; 392 12th St; owner, Frank Anunzzio, prem; builder, Coca-Cola Bottling Co, 1340 Cypress St.

BILLBOARD, $25; SW cor MacArthur and Ritchie; owner and builder, Special Site Sign Co, 3225 Louise St.

BILLBOARD, $25; NE cor 39th Ave and MacArthur; owner and builder, Foster & Kleiser, 22nd and Market.

BILLBOARDS (2), $25 each; SW cor Fruitvale and Davis; owner and builder, Foster & Kleiser, 23rd and Market Sts.

BILLBOARD, $25; 3801 Grove St; owner and builder, Foster & Kleiser, 22nd and Market Sts.

BILLBOARD, $25; SW cor 22nd and Brush; owner and builder, Foster & Kleiser, 22nd and Market Sts.

METAL SIGN, $20; 8600 Bancroft Ave; owner, Bancroft Market, prem; builder, R L Gehlert Co, 631 40th St.

METAL SIGN, $20; 3090 Capp St; owner, Capp St Grocery, prem; builder, R L Gehlert, 631 40th St.

BILLBOARD, $5; N lne MacArthur 214 E Coolidge; owner and builder, Foster & Kleiser Co, 22nd and Market Sts.

RICHMOND

MARKET Bldg, masonry, $50,000; 1050-1064 23rd; owner, W Kaufman, 626 27th; contractor, R J Stempel, 5430 Macdonald; plans by N Barbachno.

BEAUTY Parlor, stucco, $30,000; 101 Broadway; owner, Harry Barbaur, 3232 Humphrey; contractor, R J Stempel, 5430 Macdonald.

COTTAGE, 7-room stucco, $9000; 2930 Grant; owner, Roger Gordon, 633 27th; contractor, N W Anderson, 2714 Barrett.

COTTAGES, three 6-room rustic, $6-000 each; 3918 Barrett, 334 37th, 4103 Nevin; owner, G M Bowe, 625 Macdonald; contractor, Associated Bldrs, 625 Macdonald.

GARAGE bldg, masonry, $6000; 611 23rd; owner and builder, L A and Gene Norville, 676 Humboldt.

GARAGE bldg, masonry, $4870; 1070 13th; owner, Thomas Cooney, 2612 Lowell Ave; contractor, Barr and Hansen, 6031 Park St; plans by E Commetta.

COTTAGE, 5-room rustic, $4500; 2900 Andrade; owner and builder, R G Headrick, 5326 Esmond.

ADDN to grocery store, 3660; 4610 Barrett; owner, David Vallerga, prem; contractor, Geo S Tandy & Son, 1213 20th St.

COTTAGE, 2-room rustic, $2000; 855 Ocean; owner and builder, John F and Dymphna Pruyn, 2349 Cedar St, Berkeley.

MOVE and remodel cottage, $2000; 115 Bissell; owner, Watts Tile and Cabinet Ct, 2146 San Pablo Ave, El Cerrito; contractor, H D Baker 1631 Gaynor Ave.

ADDN to cottage, 2-room, $1400; 1334 S 57th; owner and builder, Pearl E Morris, 1334 S 57th.

Building Permits, $500.00 and Over, Issued by the Board of Public Works SAN FRANCISCO COUNTY

JANUARY 29, 1946

445 Bay Shore Blvd. Alter building. Cost, $2500. Owner, Goodman Diller Co.

NE corner 9th and Howard Sts. Steel frame, mill construction. Cost, $8000. Owner, Larry Barrett.

E Guerrero St., 74 N 25th St. 1-story and basement. Cost, $10,000. Owner, J McNulty.

NW Athens St 75, 100, 125, 150, 175 NE Excelsior Ave. 1-story frame dwellings (5). Cost, $6000 each. Owner F C Frank and E Vignati.

2548 San Bruno Ave. Alter building. Cost, $500. Owner, J Bonneau.

1144 Bunich St. Alter dwelling. Cost $500. Owner, J F Heffernan Jr.

E line Parque Dr 250 N Geneva Ave. 1-story frame building. Cost, $4700. Owner, Sbarboro & Jorgensen, Inc.

S line Sacramento St 150 W of Gough St. 3-story frame building. Cost, $19,000. Owner, Carl Warden.

7046 Geary Blvd. Alter dwelling. Cost, $500. Owner, V Froloff.

669 Shrader St. Alter flats. Cost, $500. Owner, E W Mills.

1 Gabilan Way. Alter dwelling. Cost, $3500. Owner, W M Malone.

1430 Van Ness Ave. Alter stores. Cost, $5000. Owner, Carlo S Morbio.

150 Sutter St. Alter store. Cost, $2000. Owner, E Zwingman.

64 Grand View Ave. Alter home. Cost, $600. Owner, M Growney.

W Mississippi 100 N of Mariposa. Class C building. Cost, $45,000. Owner, H Levin.

W Ingalls St 75 N Thomas Ave. 1-story frame building. Cost, $5000. Owner, E Ganz and L Murer.

SE Folsom 72 N 12th St. 3-story frame building. Cost, $25,000. Owner, California Electrical Supply Co.

NW corner 33rd Ave and Pacheco St; NE 34th Ave and Pacheco St; N Pacheco St 70, 95, 120, 145 E 34th Ave. 1-story frame dwellings (6). Cost, $5870 each. Owner, State Home Builders, Inc.

BUILDING CONTRACTS

ALAMEDA COUNTY

SERVICE STATION
DAVIS and Douglas Sts, San Leandro.
Owner—Union Oil Co of California.
Architect—Not Given.
Contractor—Aetna Constr Co, 1730 24th Ave, Los Angeles.
Filed, an 28, 1946. Dated, ...
5 days after completion..............75%
35 days after completion..............25%
TOTAL COST, $9,684
Limit 40 days. Plans and specifications filed.

Furnace Permits

OAKLAND

OAKLAND

5635 Colton Blvd; owner, Rust; dealer, R A Roeber; central furnace.

5645 Colton Blvd; owner, Rust; dealer, R A Roeber; central furnace.

878 Leo Way; owner, Rust; dealer, R A Roeber; central furnace.

1651 74th Ave; owner, W Perry; dealer, E R Alrott; floor furnace.

2820 Broadway; owner, E Wells; dealer, Aladdin Htg Corp; central.

3129 Lynde; owner, Wargrass; dealer, E M Maloney; floor.

1020 Filbert St; owner, Mauer; dealer, Gernhardt-Strohmaier; floor.

7106 Tavor St; owner, J Kennedy; dealer, ...; floor.

967 62nd St; owner, Olivera; dealer, Ray Hartsten; floor.

1436 48th Ave; owner, Caine; dealer, C & M Stove Shop; floor.

2027 E 23rd St; owner, Barrett; dealer, C & M Stove Shop; floor.

3069 Pleitner; owner, Wm Ward; dealer, C & M Stove Shop; floor.

1970 86th Ave; owner, D Reis; dealer, C & M Stove Shop; floor.

4551 Virginia St; owner, H Legg; dealer, R J Agens; floor.

2321 86th Ave; owner, Skiffington; dealer, Geo Campbell; floor.

1732 Mtn Blvd; owner, Jacobsen; dealer, Calif Fur Co; floor.

2719 Nicol Ave; owner, Wiley; dealer, V L Aiken; floor.

1611 45th Ave; owner, ...; dealer, J Gilmore; floor.

1005 7 12th St; owner, Bostwick; dealer, Holland Co; floor.

5712 Oak Grove; owner, Ansell; dealer, Holbrook; central.

5036 Fairfax; owner, Lindall; dealer, E J Hoerst; floor.

1824 90th Ave; owner, Schmidt; dealer, Geo Campbell; floor.

3741 Cannon; owner, ...; dealer, R Jagers; floor.

1969 35th Ave; owner, Scott; dealer, Atlas Htg & Vent Co; floor.

4715 Davenport; owner, Wiggins; dealer, Atlas Htg & Vent Co; central heating.

2019 86th Ave; owner, Banchero; dealer, C W Roland; floor.

1862 66th Ave; owner, Maurer; dealer, C W Roland; floor.

2023 41st Ave; owner, Borick; dealer, Holland Co; floor.

1035 Warfield; owner, M Delucchi; dealer, ...; floor.

842 Cleveland; owner, Hedden; dealer, W Rhode; floor.

4709 Davenport; owner(Wiggin & Marsh; dealer, Atlas Htg & Vent Co; central.

2304 9th Ave; owner, Cahill; dealer, Atlas Htg & Vent Co; central.

10432 Byron; owner, Tisher; dealer, Atlas Htg & Vent Co; floor.

Completion Notices

SAN FRANCISCO COUNTY

Recorded Accepted

Jan. 29, 1946—E 34th Ave 150 S Quintara S 25 x E 120; E 38th Ave 125, 150 S Ulloa S 25 x E 120. Bernard L Lewis to whom it may concern ....Jan. 29, 1946

ALAMEDA COUNTY

Recorded Accepted

Jan 29, 1946—PTN LOT 15, Estudillo Park, Eden Twp. Warren M and Almaida F Birdsall to Fred Carlson..........January 23, 1946

Jan 29, 1946—PTN LOT 175, Re-Subdiv of Block D, Meek Estate Orchards, Hayward. Thomas J Green to whom it may concern.. ....January 21, 1946

Jan 28, 1946—LOT 21 Tract 604, Oakland. Albert and Shirley Vargas to S J Dowling..........Jan 24, 1946

Non-Responsibility

ALAMEDA COUNTY

Jan 29, 1946—3634 E 14th Street, Oakland. Norman Ogilvie as to improvements on property.

Liens Filed

SAN FRANCISCO COUNTY

Recorded Amount

Jan. 28, 1946—Alter and repair, W Broderick 25 S Post S 50 x W 70. R E Byard, doing business as Gillon Lumber Co vs Claude and Nancy Hayden and Ivan Robinson $499.64

Jan. 28, 1946—Alter and repair, N Bush 131.3 E Steiner, thence along Bush 25 N 127.6 W 25 S 127.6. R E Byard, doging business as Gillon Lumber Co. vs. Antonio B and Arcadia B Beloy and Ivan Robinson $292.38

Jan. 28, 1946—Alter and repair, N Bush 131.3 E Steiner, thence along Bush 25 N 127.6 W 25 S 127.6. R E and Lyle B Robinson, doing business as MacKillop Hardware Store vs Antonio B and Arcadia B Beloy and Ivan Robinson..$157.60

Jan. 29, 194...—1826-40 Taraval; labor and materials. Sylvester C Clark vs C H Cook, Harry B Cooper, Jacques Richards and Pearl Myre $218.00

ALAMEDA COUNTY

Recorded Amount

Jan 28, 1946—PTN 242.54 acre, or parcel of land desc in deed recorder in Book 2017 deeds, page 189, Alameda Co records, Oakland. Doty & Lockwood vs Geo J and Kay Walling..........$999.23

Release of Liens

ALAMEDA COUNTY

Recorded Amount

Jan 28, 1946—1633 NINTH STREET Berkeley. Rex Floor Co to Maurice F and Elizabeth Hayden, Fred W Henderson, Bay Pacific Company $47.00

Electrical Permits

SAN FRANCISCO COUNTY

8033 1160 Fulton St; owner, Hodgson; contractor, Bylngton Elec Co; 9 outlets; service.

8034 1521 Larkin; owner, B F Partain; contractor, Paragon; 18 outlets; 21 switches; 15 plugs.

8035-7 Various locations and owners; contractor, Electrical Prod Corp; signs.

8038 1736 Lombard St; owner, Carl Fritschen; contractor, Weber-Conroy; 55 outlets; 66 switches; 55 pl.

8039 Ocean and Jules Aves; owner, Standard Oil Co; contractor, Weber-Conroy; 2 outlets.

8040-41 74 West Portal Avenue; owner, M R Crane; contractor, Industrial Marine Elec & Eng Co; alterations.

8042 529 Commercial St; owner, Litho-Print Co; contractor, Indus Marine Elec & Eng Co; motors.

8043 NW Cor Montgomery and Bush Sts; owner, Roos Bros; contractor, Victor Lemoge; alterations.

8044-5 2324-22 Irving St; owner, Kelly; contractor, Richmond Elec; 8 outlets; 4 switches; 6 plugs; service.

8046 1023 Mission St; owner, Lee Monty Garage; contractor, G H Armstrong Elec; alterations.

8047 1018 Pine St; owner, ...; contractor, G H Armstrong Electric; alterations.

8048 2414 San Bruno Ave; owner, ...; contractor, G H Armstrong Electric; alterations.

8049 75 Folsom St; owner, Helm Paper Box Co; contractor, L R Moser; motors.

8050 1611 Pine St; owner, Wm Bachman Welding Co; contractor, Beacon Elec Co; 9 outlets; 6 switches; 13 plugs; service; motors.

8051 36 Seward; owner, Gavazzo; contractor, Edison Elec Constr Co; 19 outlets; 15 switches; 23 plugs.

8052 2200 Irving St; owner, Doelger; contractor, Edison Elec Constr Co; 42 outlets; 4 switches; 19 plugs; service; motors.

8053 2204 Irving St; owner, Doelger; contractor, Edison Elec Constr Co; 14 outlets; 6 switches; 5 plugs.

8054 220 Montgomery St; owner, Mills Estate; contractor, H S Tittle Co; alterations.

8055 2412 San Bruno Ave; owner, F M Baldwin; contractor, Decker El Constr Co; motors.

8056 4501 Irving St; owner, Sunset Poultry; contractor, Malm and Welter; motors.

8057 213 4th Ave; owner, ...; contractor, Malm & Welter; 1 outlet; 2 switches.

8058 2328 Clement; owner, House of Cards; contractor, Malm & Welter; 3 outlets; 2 switches.

8059 1430 Powell; owner, Oakley Lumber; contractor, Malm & Welter; ....

8060 58 Geary St; owner, Sutton; contractor, W B Baker & Co; three outlets; 2 switches.

8061 1679 Folsom Street; owner, Goldsmith; contractor. W B Baker & Co; 5 outlets; 1 switch; 7 plugs; service.

8062 SW Market and Van Ness; owner, Les Vogel; contractor, W B Baker & Co; 38 outlets.

8063 126 Post St; owner, Royal Show Case; contractor, W B Baker & Co; alterations.

8064 2550 San Bruno Ave; owner, Dino; contractor, O J Ferrera; alterations.

8065 4479 Mission Street; owner, French Laundry; contractor, O J Ferrera; 5 plugs

8066 421 Powell; owner. United Air Lines; contractor, Matson Elec Equip Co; ....

8067 1533 Moraga; owner, Armstrong; contractor, Matson Electric Equip Co; 6 outlets; 3 switches; 2 plugs.

8068 243 Golden Gate Ave; owner, B F Shearer; contractor, Matson El Equip Co; 5 outlets; 1 switch; 1 plug service; motors.

8069 1936 Ocean Avenue; owner, MacCabe Elec Co; ....

8070 1193 McAllister; owner, Reliable Radio; contractor, Brite Lite Neon; sign.

8071 178 5th St; owner, McClelland; contractor, Casey Elec; 2 outlets; 1 switch.

8072 1504 Powell; owner, Wong; contractor, Casey Elec; ....

8073 508 Natoma; owner, ...; contractor, Casey Elec Co; motors.

8074 1151 Market St; owner, ...; contractor, Casey Elec Co; 8 outlets.

8075 4th and Clara Streets; owner Police Dept; contractor, Frank J Klimm Co; motors.

8076 376 Sutter St; owner, Barbara Phelan; contractor, Frank J Klimm Co; 7 plugs.

8077 1707 Powell; owner, Cicco's; contractor, Frank J Klimm Co; ....

8078 733 Cole St; owner, M Henna; contractor, Edward W Scott Elec; 6 outlets; 3 switches; 10 plugs

8079 Buena Vista and Park Hill; owner, St Josephs Hospital; contractor, Edw W Scott Elec; 2 outlets; 1 switch; 2 plugs; motors.

8080-81 W Alemany Blvd 250, 280 S Foote; owner, Hansen; contractor, M Schimetschek; ....

8082 2241 Clement; owner, H Pastini; contractor, M Schimetschek; alterations.

8083 500 Hayes St; owner, Smith; contractor, M Schimetschek; alter.

8084 580 Hayes St; owner, Safeway Stores; contractor, M Schimetschek; alterations.

8085 100 Gough; owner, Betty's; contractor, M Schimetschek; alterations.

8086 1021 Harrison; owner, Swedberg; contractor, M Schmitschek; alterations.

8087 711 Market; owner, ...; contractor, Lnlaid Floor Co; ....

8088 44 Normandie Terrace; owner, T G Balche; contractor, Central Electric; alterations.

8089 883 Sutter; owner, El Buho; contractor, Retter Electric; alterations.

8090 343 Clement; owner, Sam Mueller; contractor, Century Electric; 18 outlets; 2 plugs.

8091 957 Cole; owner, ...; contractor, Century Electric; alterations.

8092 2257 Irving St; owner, King; contractor, Century Electric; 2 outlets.

8093-95 Various locations and owners; contractor, Neon Maintenance Corp; signs.

8096 1430 Van Ness Ave; owner, C Morbio; contractor, Beacon Electric; alterations.

8097 286 Valencia; owner, G Barberian; contractor, Beacon Electric; motors.

8098 443 Clement; owner, A E Harris, Inc; contractor, Ets-Hokin & Galvan; 4 outlets; 2 switches.

8099 29 Maywood Dr; owner, ...; contractor, Associated Electrical & Mech; 3 outlets; 1 switches; 2 plugs.

8100 155 'Montgomery St; owner, Crocker Estate Co; contractor, Chas A Langlais Co; 3 outlets.

8101 835 Market; owner, Emporium; contractor, Chas A Langlais; ....

8102 6th Ave and Anza; owner, French Hospital; contractor, Crown Electric; 120 plugs.

8103 1151 Market; owner, Laff & Co; contractor, Ace Electric; 8 plugs; service; motors.

8104 735 Eddy; owner, Trowbridge; contractor, Malm & Welter; 4 plugs.

8105 7 Market; owner, ...; contractor, Malm & Welter; ....

8106 2175 Chestnut; owner, Martell's; contractor, Malm & Welter; ....

8107 2707 Mission; owner, Martell's; contractor, Malm & Welter; ....

8108 1606 Fillmore; owner, Martell's; contractor, Malm & Welter; ....

8109 510 El Camino del Mar; owner, ...; contractor, P & J Electric; 2 outlets; 1 switch; 4 plugs.

8110 701 Laguna; owner, Peterson; contractor, G H Armstrong Electric; alteratons.

8111 809 Greenwich; owner, ...; contractor, G H Armstrong Electric; service; motors.

8112-28 Various locations and owners; contractor, Apex Electric Co; signs:

8129 923 Fillmore; owner, E Sichenbaum; contractor, Brite-Lite Neon; sign.

8130 401 Thornton Ave; owner, C Robinson and J Ferroggiaro; contractor, E R Robison and J Ferroggiaro; 4 outlets; 4 switches; 3 plugs.

8131 550 Taraval; owner, McKeon's; contractor, Edison Electric; ....

8132 352 De Long; owner, Huenergardt; contractor, Edison Electric; 12 outlets; 11 switches; 9 plugs; service.

8133 354 De Long; owner, Huenergardt; contractor, Edison Electric; 12 outlets; 11 switches; 9 plugs; service.

OAKLAND

35107 425 Foothill Blvd; owner, Oakland Laundry Machinery; contractor, Paramount Electric; motors.

35108 1946 E 29th St; owner, Bay Construction Co; contractor, Clifford Electric Co; alterations.

35109 6141 Snake Rd; owner, Griffith; contractor, Del Monte Electric; 31 outlets; switches; plugs.

35110 706 Apgar; owner, P Tighe; contractor, special owner; alterations.

35111 3100 Telegraph Ave; owner, Behrins; contractor, Scott-Buttner Electric; service.

35112 361 Jayne; owner, Peerless Built-In Fixture; contractor, White Electric; alterations.

35113 4325 Harboard Dr; owner, Holycraft Builders; contractor, Baylis Lighting Fixture Co; 18 fixtures.

35114 376 Willow St; owner, Willow Cleaners; contractor, T Bushman Electric Co; 1 motor.

35115-35118 omitted.

35119 3630 Grove; owner, Mr Ault; contractor, Flagler Electric Co; service; alterations.

35120 7407 Deerwood; owner, Vargas; contractor, Flagler Electric Co; range.

35121 701 7th St; owner, Durham Farm Creamery; contractor, Pacific Electric Motor; motors.

35122 6555 Liggett Dr; owner, Ticoulat Foundry; contractor, Pacific Electric Motor; motors.

35123 21st and Broadway; owner, Breuner Co; contractor, Pacific Electric Motor; outlets; fixtures; plugs.

35124 3800 Coolidge; owner, Scott Co; contractor, Pacific Electric Motor Co; motors.

35125 1359 Webster St; owner, Deltrich Post Co; contractor, Pacific Electric Motor Co; 4 plugs; motors.

35126 foot of 87th Ave; owner, Hazel Atlas Glass Co; contractor, Pacific Electric Motor Co; motors.

35127 2020 E 12th St; owner, Jamic Manufacturing; contractor, Pacific Electric Motor Co; 2 fixtures.

35128 4007 Davenport; owner, Cosgrove; contractor, Shea Electric oC; service.

35129 5907 Foothill Blvd; owner, Neil; contractor, Shea Electric Co; fixtures.

35130 Port of Oakland, hangar No 5; owner, Port of Oakland; contractor, T L Rosenberg Co; outlets; switches; fixtures; plugs.

35131 1420 Alice St; owner, City Club Hotel; contractor, Spott Electrical Co; alterations.

35132 1916 Broadway (2nd floor); owner, Diehl; contractor, Spott Electrical Co; outlets; switches; plugs; alterations.

35133 342 12th St; owner, Cline Piano; contractor, Spott Electrical; outlets; alterations.

35134 2721 Las Aromas; owner, Malcolm Reed; contractor, Spott Electrical Co; fixtures.

35135 815 Santa Ray; owner, Spott; contractor, Spott Electrical; fixtures.

35136 441 E 8th St; owner, Commercial Truck Service; contractor, Electrical Products Corp; sign.

35137 4100 Telegraph; owner, Hancock Oil Co; contractor, Electrical Products Corp; sign.

35138 656 31st St; owner, E J Weginer; contractor, Larry E Chapman; 14 fixtures.

35139 570 16th St; owner, Standard Oil Co; contractor, White Electric; sign.

35140 3217 Stanley Ave; owner, G O Vest; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35141 NW corner 12th and Washington; owner, Masonic Temple Assn; contractor, Bradshaw Electric Co; ....

35142 407 Orange St; owner, C Jensen; contractor, California Electric; alterations.

35143 3rd and Adeline; owner, Martin; contractor, Broadmoor Electric; 3 outlets; 3 switches; 2 plugs; 2 motors.

35144 3050 Broadway; owner, Commercial Rubber; contractor, Matson Electrical Equipment; 2 outlets; 2 switches; 2 fixtures; 6 plugs.

35145 6810 College Ave; owner, Safeway Stores; contractor, Matson Electrical Equipment; 1 plug.

35146 501 23rd Ave; owner, Rowan White Truck Co; contractor, Matson Electrical Equip; 1 Janitrol heater.

Prospective Bidders

Candy Factory, Ocean Ave., Between 19th and Juniper, San Francisco, Calif.

BIDS: Douglas Shaw, c/o Architect Arthur D. Janssen, Austin Ave. and Patricia Dr., Atherton, February 4, 3 P. M.

De Luca & Son, 1745 Filbert St., San Francisco.
Barrett & Hilp, 918 Harrison St., San Francisco.
Monson Brothers, 475 Sixth Street, San Francisco.
Transwestern Constr. Co., 1402 Front St., Sacramento.
Erbentraut & Summers ,446 Sixth St., San Francisco.
G. W. Williams Co., 10 California Drive, Burlingame.

Store Building, Railroad Ave. and E. 7th St., Pittsburg, Calif.

BIDS: Camilio Lamzafame, c/o Architect Philip D. Tomasello, Room 305, 605 Washington St., San Francisco, February 9, 11 A. M.

Stolte, Inc., 8451 San Leandro St., Oakland.
De Luca & Son, 1745 Filbert St., San Francisco.
Howes & Whitaker, 626 Russ Bldg., San Francisco.
Barrett & Hilp, 918 Harrison St., San Francisco.
S. J. Amoroso Construction Co., 2100 Oakdale Ave., San Francisco.
Clinton Construction Co., 923 Folsom St., San Francisco.
Louis C. Dunn Co., 799 Monadnock Bldg., San Francisco.
Erbentraut & Summers, 446 Sixth St., San Francisco.
Horace J. Slino, 23 W. 7th St., Pittsburg.
G. E. Seeno & Sons, 150 E. 2nd St., Pittsburg.

Stores and Apartments, Grand Ave., Oakland

BIDS: Foster W. Weeks, c/o W. C. Helms, 1759 Broadway, Oakland, Feb. 4, 3 P. M.

Doty & Lockwood, 2003 E. 14th St., Oakland.
Empire Construction Co., Ltd., 344 Harriet St., San Francisco.
S. A. Ortzow, 1511 Jackson St., Oakland.
Cosca & Marquis, 3519 Lamp St., Oakland.
Clarence H. Thrams, 28 Home Pl., Oakland.
A. T. Beckett, 1441 Franklin St., Oakland.
Howes & Whitaker, 626 Russ Bldg., San Francisco.

Track and Telephone Line Relocation, Idaho Northern Branch, Oregon Short Line Railroad

BIDS: Bureau of Reclamation, Boise, Idaho, February 28, 10 A M.

Nat McDougall Co., Sherlock Bldg., Portland.
Max J. Kuney Co., N 120 Ralph, Spokane.
Vernon Brothers, 8th and Orchard Avenue.
M. K. Engineering Co., Inc., Albany, N. Y.
Wixon-Crowe, Redding, Calif.
Condon - Cunningham Co., Omaha, Nebraska.

Buildings and Services for Reserve Fleet Berthing, Mare Island, Calif.

BIDS: Officer in Charge of Construction, Public Works Department, Mare Island; contract NOy 13295, Spec. 17459; February 1, 11:00 A. M.

Barrett & Hilp, 918 Harrison St., San Francisco.
M. & K. Corp., 200 Financial Center Bldg., San Francisco.
Parker, Steffens & Pearce, 135 South Park, San Francisco.
Moore & Roberts, 693 Mission St., San Francisco.
Johnson, Drake & Piper, 1736 Franklin St., Oakland.
A. J. Hopper Co., 243 Langton St., San Francisco.
Lawrence Construction Co., 3020 V St., Sacramento.
M. J. King, Inc., 132 Franklin St., San Francisco.
Peter Kiewit Sons Co., 442 Post St., San Francisco.
Robert McCarthy Co., 1050 Kirkham St., San Francisco.
Louis C. Dunn, 799 Monadnock Bldg., San Francisco.
J. H. Pomeroy & Co., Inc., 338 Montgomery St., San Francisco.
Healy - Tibbitts Construction Co., 1100 Evans Ave., San Francisco, and Duncanson-Harrelson Co., DeYoung Bldg., San Francisco.
James I. Barnes Constr. Co., 941 Russ Bldg., San Francisco.

Laboratory Building for Supersonic Wind Tunnel, Moffett Field, California

BIDS: National Advisory Committee for Aeronautics, Moffett Field, January 30, 3 P. M.

Carl N. Swenson Co., 355 Stockton Ave., San Jose.
Wells P. Goodenough, 49 Wells Ave. Palo Alto.
De Luca & Son, 1745 Filbert St., San Francisco.
Barrett & Hilp, 918 Harrison St., San Francisco.
I. M. Sommer & Co., 580 Market St., San Francisco.
Moore Dry Dock Co., foot of Adeline St., Oakland.
Fischback & Moore, Inc., 55 New Montgomery St., San Francisco.
Erbentraut & Summers, 446 6th St., San Francisco.
M. J. King, Inc., 231 Franklin St., San Francisco.
Adam Arras & Son, 116 New Montgomery St., San Francisco.
Peter Sorensen, 927 Adguello St., Redwood City.
Judson - Pacific - Murphy Co., 1200 17th St., San Francisco.
Parker, Steffens & Pearce, 135 So. Park, San Francisco.
Peter Kiewit Sons Co., 442 Post St., San Francisco.
James I. Barnes Constr Co, Russ Bldg., San Francisco.
L. C Smith, First and Railroad, San Mateo.
Bethlehem Pacific Steel Corporation, Alameda.

EMPLOYMENT SERVICE

For further information regarding positions listed under this classification address Newton D. Cook, Manager, Engineering Societies' Personnel Service, 57 Post St., San Francisco.

MECHL. DRAFTSMAN, exper. on conveyor layout and details. Salary $300-$350 mo. San Francisco. S-487. Newton D. Cook, 57 Post St., San Francisco.

CIVIL ENGINEER, 30-35 yrs. old, stream gaging exper., as asst. water master. Salary to start $300 month. San Joaquin Valley. S-554. Newton D. Cook, 57 Post St., San Francisco.

MECHL. DESIGNER, exper., to design and develop special woodworking machinery. Perm. Salary open. Northern California. S-547. Newton D. Cook, 57 Post St., San Francisco.

STRUCTURAL DESIGNER, exper. on heavy steel and concrete. Salary $2-$2.60 hr., 40-hour week. East Bay. S-381-K. Newton D. Cook, 57 Post St., San Francisco.

DRAFTSMAN, Structl. and Archtl., for comml. and industrial bldgs. Salary open. San Francisco. S-488. Newton D. Cook, 57 Post St., San Francisco.

BUYER and expeditor, exper. in San Francisco building materials. Sal. $400-$500 mo. San Francisco. S-555. Newton D. Cook, 57 Post St., San Francisco.

ARCHTL. DESIGNER with at least 2 yrs. exper. beyond college. Permanent. Salary open. Monterey County. S-533. Newton D. Cook, 57 Post St., San Francisco.

ARCHTL. DRAFTSMAN, senior or junior. Perm. Salary open. San Francisco. S-557. Newton D. Cook, 57 Post St., San Francisco.

ASST. CHIEF ELECTRICIAN with hydroelectric exper. for large power company; 2-yr. contract. Salary $300 mo. and quarters. Ecuador. S-558. Newton D. Cook, 57 Post St., San Francisco.

Classified Advertising

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SUPERINTENDENT
ESTIMATOR
STOREKEEPER

The above three permanent positions open with large electrical contractor. State experience, ability and furnish references. Reply Box 128, c/o Daily Pacific Builder. to Jan. 31, '46

WANTED

General Contractor wants FIRST-CLASS ESTIMATOR State experience, references and salary expected. Reply Box 131, c/o Daily Pacific Builder. to Feb. 5, 1946

ESTIMATOR with Building exp. or Engineering training. State previous exp. and education. Good future for ambitious young man. Reply Box 130 c/o Daily Pacific Builder (tf)

EXP. ESTIMATOR for General Contractor, figuring industrial buildings. Location, Sacramento. Perm. Salary open. Write full particulars. P. O. Box 2071, Sacramento. (to 2/4/46)

ARCHITECTURAL DRAFTSMAN wanted. A-1 man. Working drawings and details. General work, schools and public buildings. Long Job. Write details and salary expected. F. T. Georgeson, P. O. Box 55, Eureka, Calif. Phone Eureka 394. (to 2/4/46)

BLDG. CONSTR. SUPT., good future. State experience and references. Reply Box 16, c/o Daily Pacific Builder. tf

POSITION WANTED

Experienced ARCHITECTURAL DRAFTSMAN wants part-time work. Expd. in making sketches, floor plans, working drawings, details, etc., for residential, commercial or industrial work. Reply Box 121, c/o Daily Pacific Builder. 1/29-30-31/46

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Fifty-sixth Year—Vol. 56—No. 22 SAN FRANCISCO, THURSDAY, JANUARY 31, 1946 PRICE 15 CENTS PER COPY

PLANS and Speculations

Two motels will be constructed in SANTA CRUZ soon, according to Malcolm Sinclair, city building inspector, who has issued the permits. One motel is to be built at 211 Water Street by Jay Dickerson at an estimated cost of $30,000. Lynn Duckering is architect for the project. . . . H. G. Brailsford is planning a motel at 402 Ocean Street, where he wants to build about 12 rental units. Edwin L. Snyder is architect for the buildings, estimated to cost about $25,000. . Construction of a new J. C. Penney Company store for SANTA CRUZ to cost about $50,000 is ready to start and ground has been broken for work on the basement. The new structure will be located at Pacific Avenue and Cathcart Street. MacDonald Products Company is the contractor.

oOo

A $30,000 California Colonial style church edifice will be constructed by the Riverdale United Brethren Church in RIVERDALE, Fresno County, as soon as materials and labor are available. Plans were drawn by Walter Wagner, Fresno architect, and approved by the church's building committee.

oOo

Construction will be started soon on a 14-unit auto court north of SAN RAFAEL on the east side of Highway 101, if the Planning Commission votes rezoning of the property and approves construction plans. Mrs. Carrie Skaggs of San Rafael, is the developer of the $50,000 project.

oOo

Proposed for construction on the campus of the University of California at Berkeley as part of the $60,000,000 program is a new chemistry building, which will extend over College Avenue. New cross-campus road is to be built from Piedmont Avenue to Founders Rock, past the end of the stadium. Plans also call for a new Forestry building to cost $800,000 which will be located at the south end of Hilgard field. Estimated cost for the new Boalt Hall for the School of Jurisprudence, to be located at Bancroft Way and College Avenue, is $900,000. A $670,000 Plant Sciences building is planned for the Davis extension.

oOo

Electors of Standard School District of BAKERSFIELD, voted in favor of floating a $250,000 bond issue to finance additional building at the school.

oOo

Interim Increase In Machinery Prices Extended

Extension to May 15, 1946, of the five per cent interim increase in ceiling prices granted Sept. 28, 1945, to manufacturers of basic construction machinery, equipment and parts has been announced by the Office of Price Administration.

The five per cent interim increase was originally scheduled to terminate on December 31, 1945, OPA said. The extension became effective January 16, 1946.

The temporary higher prices may be passed on by resellers to all levels of distribution, OPA said.

The increase is applicable to more than 100 classifications of machinery items urgently needed in postwar public works, highway and home construction and maintenance programs. The list includes cranes, dredges, drills, concrete mixers, graders, loaders, road maintainers, pavers, rollers, street sweepers, track-laying type tractors, half-track trucks and crawler wagons.

All items affected are covered by the general machinery regulation, OPA said.

The interim five per cent increase was authorized last September, OPA said, to insure continued high production by relieving many changes in operation that came at the termination of the war.

The reasons for granting the interim increase to manufacturers of construction machinery and equipment to a large extent still exist, OPA said. The agency has, therefore, decided to continue present ceilings at least until the industry has had a longer period of normal operation in which to adjust itself to peacetime practices.

Before the expiration date of the extension of current price ceilings to manufacturers of construction machinery and equipment a resurvey of the industry's operations from V-J Day to March 31, 1946, will be made by OPA to determine definitely the needs of the industry with respect to price relief under the statutory requirements.

Reconstruction Finance Corporation Announces New Loan Plan for Contractors

Extension of the Reconstruction Finance Corporation blanket loan participation plan to include residential financing for contractors during construction period to the time of payment by purchasers is announced today.

"Reports from commercial banks and other lending institutions in this region and others indicate that residential building contractors can obtain all the credit needed to launch the greatest construction activity in the history of the United States," James S. McCullough, Jr., Manager of the RFC Loan Agency at San Francisco, announced today. "Assurance that adequate credit would be available to take care of soundly conceived residential building projects was provided," McCullough said, "when the Board of Directors of the Corporation, at a recent meeting in Washington, extended the protection of the RFC Blanket Participation Agreement with banks to include loans made by banks to contractors or other business enterprises interested in financing the construction of residential properties.

"The action is part of a Government program in which RFC is participating to hasten the reconversion of the nation and its productive capacity from a wartime to a peacetime basis. In this program, RFC is concentrating on the problem of assuring adequate credit through banks to take care of returning veterans, anxious to establish their own businesses, and to provide for the credit needs of small business establishments which frequenty need loans of longer maturity than commercial banks ordinarily extend.

"An example of commercial banking reaction to the modification of the RFC Blanket Participation Agreement Plan is contained in a letter from the president of a Midwestern bank to Charles B. Henderson, Chairman of the RFC Board. The letter states: 'We want you to know that we consider this Amendment of your Regulations a most friendly gesture towards small business and an effective demonstration of the fact that small businesses and small banks can receive from your Corporation and the Administration the kind of help they need in meeting the problems arising from the conversion to a peacetime basis. As evidence of the effectiveness of the Amendment to the Blanket Participation Agreement, we are glad to advise we can immediately put into effect several construction programs which we have had under consideration, but which had been delayed because of the difficulty in arranging financing for the contractors.'

"The RFC Blanket Participation Agreement Plan provides a simple and expeditious procedure whereby the Corporation in effect makes available to approved banks a guarantee up to 70 per cent of any loan which meets the requirements of the Agreement. This plan, however, had not been available until now for residential construction loans.

"Since its inception last March, the Blanket Participation Agreement Plan has been applicable to various kinds of business loans and, by virtue of the recent action taken by the RFC Board of Directors, the BPA Loan protection now applies not only to temporary loans made by banks to contractors or other business enterprises for the purpose of financing the construction of residential properties, but also to loans made to contractors for general construction purposes. It is necessary, of course, that the applicant for such a bank loan have a commitment acceptable to the bank for the permanent financing of the project. Bank loans under the BPA Plan serve the important need of providing funds to tide contractors over the construction period until they receive payment from the owners of the property.

"Such loans may be obtained through banks by contractors and other business enterprises for the construction of a single house or for the erection of many houses. It is expected that a number of corporations desiring to construct homes for their workers may desire temporary financing from banks which have been admitted to the Blanket Participation Agreement.

"In the San Francisco region, more than 50 loans, totaling more than $3,686,000 had been authorized under the agreement up to January 15, last, and more than 48 banking institutions had been approved, as of that date, to make loans under the agreement entered into with the San Francisco RFC Loan Agency.

"It is expected that this number will further increase through the extension of protection to loans made to contractors and other business enterprises for residential construction.

"RFC, as a Governmental lending agency, will cooperate with banks in financing contractors and other business enterprises building homes for veterans and other civilians," McCullough concluded.

TWO NEW WELD COMPOUNDS ARE ANNOUNCED

Two new weld-spatter-resistant compounds, No. 9951 and No. 9952 have been announced by the Electric Welding Division of the General Electric Company. Both of the new compounds are specially formulated for use in the welding field wherever weld spatter is undesirable and must be avoided easily and economically.

Furnished in powder form, ready to be mixed with water, the compounds are identical in performance. The only difference between them is that No. 9951 is non-adherent and can be easily removed with an air hose or a dry cloth, while the No. 9952 is semi-adherent but can be quickly and easily removed with a damp cloth or a direct stream of water.

A feature of these compounds is that the surface of the work, even if slightly oily, does not require wetting before they can be applied. Another feature is that a special ingredient in the compounds eliminates the necessity of a water-soluble binder in order to obtain adhesion. Therefore, since the compounds are inert and cannot burn, they are completely smokeless.

Available from distributors, the compounds are easily mixed and applied. Water is added slowly until a thin paste is obtained. No lumping occurs, and the mixture can be applied with an ordinary bristle brush. The brush can be safely left in the compounds afterwards or readily cleaned with cold water.

GROOVER AND I

HORIZONS UNLIMITED

Very little has been said to date regarding a prominent Visiting Fireman, Winston Churchill, now vacationing in Florida.

★ ★ ★

Don't think that Mr. Churchill is here solely for the purpose of sunning himself at Miami Beach and buying a $2 ticket at Joe Kennedy's horse plant at Hialeah.

★ ★ ★

"Winnie" is here primarily to throw his weight around when the going gets rough on the forthcoming 4.4 billion dollar loan to Britain.

★ ★ ★

France has declared herself next in line, suggesting a 2.5 billion dollar loan as being acceptable.

★ ★ ★

Sometime ago Russia mentioned a figure of 6.5 billion; however, no specific amount has been recently stated.

★ ★ ★

Perhaps Russia will wait until the other loans are made and then ask for an amount equal to the total. If we don't grant it, it may be called an act hostile and unfriendly to the Soviet.

★ ★ ★

It might be time to turn our pockets inside-out and see if we have any money to lend—or the price of a cup of coffee!

★ ★ ★

We have a National Debt of about 280 billion dollars — which will probably be 300 billion during the next 18 months of our "balanced budget".

★ ★ ★

If you are interested in Ancient History, you might go back to 1916, just before World War I. Our National Debt at that time was less than one and one-quarter billion dollars!

★ ★ ★

Don't tell me that this is not a land of expanding opportunity! We have a National Debt that increased TWOHUNDREDAND FORTY-FIVE TIMES within 30 years—24,500 per cent. Brother, THAT'S expansion!

V

CAMPAIGN TO PROMOTE USE OF CLAY PIPE

Increased advertising campaigns to further acquaint builders and industry with the advantages of clay pipe were announced this week by National Clay Pipe Manufacturers, Inc., following a meeting of its officers in Columbus, Ohio.

According to H. C. Maurer, president of the association, leading trade papers and farm magazines have been selected to broaden the program begun two years ago at the inception of NCPMI.

The new campaigns are planned to reach builders, contractors, engineers, architects, plumbers and farm users on a national scale. They have been prepared by the NCPMI agency, Norman Malone and Associates of Akron, Ohio.

NCPMI was formed two years ago by clay pipe manufacturers located in all sections of the United States. Its purpose is to promote the use of clay pipe and to keep the public informed of new uses and developments of clay pipe and other clay products. Forty-four clay pipe manufacturers comprise the association.

State Reconstruction, Re-employment Commission Publishes Survey Report

Through the establishment of planning commissions, most of the local governments of the State are taking rapid strides toward making California communities better places in which to live. In this respect, California is one of leading States of the Union.

This is shown in a report issued today by the State Reconstruction and Reemployment Commission. The report, entitled "California Planning", points out that in addition to official planning commissions, much work is being done by unofficial planning groups.

In announcing the results of surveys made by the Commission in connection with planning at local levels, as contained in the publication, Col. Alexander R. Heron, State Director of Reconstruction and Reemployment, said:

"One of the major functions of the Commission is to stimulate advance planning, not only on the part of local governmental units, but by private groups. Through this planning it will be possible for the people of California to take advantage of wartime gains and also surmount obstacles which have come with wartime changes.

"The Commission has given assistance and advice to 115 California communities in planning activities. This has been carried out through the Commission's field staff, which is in constant touch with local planning commissions and private planning groups.

"Through this service, the Commission has made available to cities and counties the results of research and analysis of the prewar and wartime economy of California, as well as estimates of future trends."

"The Commission's report contains statistical data showing the details of planning on the part of cities and counties. It is pointed out that, under the California public planning laws, cities may, and counties must, establish planning commissions.

The report shows that the number of city planning commissions has increased from 132 in 1939 to 150 in 1945. These city planning commissions serve more than 95 per cent of the population in incoporated cities. All cities of population over 100,000 are served by planning commissions. In the other population brackets, the percentage of planning commissions is high, except in cities under 1,000. The report shows that planning commission budgets for cities in 1945-1946 total $423,591, as compared with $138,081 for 1939-1940.

The number of county planning commissions has increased from 33 in 1939 to 50 in 1945, with several more counties preparing to establish commissions in the near future. The present county planning commissions cover 96 per cent of the State's population outside of incorporated cities.

Anticipated expenditures by county planning commissions for 1945-1946 total $444,773, an increase of $115,984 over the 1944-1945 fiscal year.

The report deals only with the activities of official planning agencies as set up by California statutes and does not cover the work of a great number of additional unofficial planning groups throughout the State.

The report contains a review of the objectives, history, planning laws and activities of city and county planning commissions. It also suggests basic steps for planning agencies as follows:

1.—Consideration of the assets and liabilities.
2.—Analysis of the causes of present conditions.
3.—Determination of objectives to correct previous ills and take advantage of new opportunities.
4.—Formulation of a general plan for future development.
5.—Means for carrying out the plan.

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BUILDING SECTION

NEWS INDEX

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Transportation Bldgs. 27
Miscellaneous Bldgs. 28-30

1-8—COMMERCIAL BLDGS.

January 31, 1946
CONTRACT AWARDED
BREMERTON, Wash.—F. Machert Co., Seattle, Wash., at $1870, awarded contract by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior painting and miscellaneous repairs at the U. S. Post Office Bldg., Bremerton, Wash. • 7

January 31, 1946
CONTRACT AWARDED
LOS ANGELES, Calif.—Otis Elevator Co., 1 Beach St., San Francisco, at $1310, awarded contract by the office of the district engineer, Federal Works Agency Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for realigning car guide rail, U. S. Post Office, Los Angeles. • 7

January 31, 1946
CONTRACT AWARDED
EASTPORT, Idaho.—Lewis Construction Co., Seattle, at $2990, was awarded contract by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting at U. S. Border Station, Eastport, Idaho. • 7

January 31, 1946
CONTRACT AWARDED
LOS ANGELES, Calif.—Oliver Williams Elevator Co., Los Angeles, at $650, awarded contract by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Frnacisco, for new elevator cables in the U. S. Post Office Terminal Annex, Los Angeles. • 7

January 31, 1946
CONTRACT AWARDED
SAN DIEGO, Calif.—J. Herman Co., 1349 E. Vernon Ave., Los Angeles, at $2840, awarded contract by the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for ventilating workroom, U. S. Post Office, San Diego. • 7

January 31, 1946
CONTRACT AWARDED
POCATELLO, Idaho.—J. L. Larson, Provo, Utah, at $1629, awarded contract by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for installation of new vacuum pumps at U. S. Post Office and Courthouse Bldg., Pocatello, Idaho. • 7

January 31, 1946
COMPLETING PLANS
STORE BLDG Est. Cost, $45,000
SAN LEANDRO, Alameda Co, Calif.
E 14th St. and San Leandro Blvd.
Construction of frame and concrete, 1-story store building.
Owner—Withheld.
Architects—DeMartini and Igaz, 785 Market St., San Francisco. • • 6

January 31, 1946
WORK STARTED
DALY CITY, San Mateo Co., Calif.
Mission and Cavour Streets.
Construction of one-story concrete garage building (75x100 ft.) with wooden roof and salesroom in front.
Owner—Impeartrice Bros., c/o Arch.
Architect—Chas. W. Claudius, 2443 47th Ave., San Francisco.
Contractor—Robert V. McAninch, 2 Quintara St., San Francisco.
• • 2

9-10—EDUCATIONAL BUILDINGS

January 31, 1946
FUNDS AWARDED
OJAI, Ventura Co., Calif.—A. A. Herman, district superintendent of Nordhoff Union Elementary School District, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $9020 will be furnished the district for the purpose of assisting in the preparation of plans for constructing eight classrooms, administrative unit, kindergarten, all-purpose room, garage and ground development at the Meiners Oaks School; six classrooms, administrative unit and garage at the Oak View Gardens School, and alterations to 14 classrooms at Ojai School. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $250,000, to be furnished from general obligation bonds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

Wright L. Felt, located at Los Angeles, Calif., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Southern California, and Maynard Lyndon is the architect for the school district to make the final plans.

Mr. Chenery stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 9

FUNDS AWARDED
IMPERIAL, Imperial Co., Calif.—Percy R. Palmer, principal, Brawley Union High School District of Imperial County, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $9000 will be furnished the school district for the purpose of assisting in the preparation of plans for constructing a cafeteria with connecting corridors, an auditorium with seating capacity of 1000, and a musc department at the Brawley Union High School. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $260,000, to be furnished from general obligation bonds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

Wright L. Felt, located at Los Angeles, Calif., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Southern California, and H. L. Gogerty Organization, Hollywood, Calif., is the architect for the school district to make the final plans.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 9

January 31, 1946
FUNDS AWARDED
EAST MERCED, Merced Co., Calif.—W. Max Smith, superintendent, Merced Unon Elementary School District, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $9000 will be furnished the school district for the purpose of assisting in the preparation of plans for constructing a new school, consisting of three rooms, a kindergarten room, teachers' room, office and related facilities in East Merced and new school facilities at L and 23rd Sts., consisting of nine classrooms, administrative offices, auditorium and related facilities. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $184,000, to be furnished from available cash, tax receipts and general obligation bonds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

H. E. Devereaux, located at Berkeley, Calif., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Northern California, and Elmore G. Ernst, Stockton, Calif., has been selected as architect for the school district to make the final plans.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 9

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CONSTRUCTION
PRODUCED BY
PACIFIC PORTLAND CEMENT COMPANY
SAN FRANCISCO
LOS ANGELES
COASTWIDE SERVICE
PORTLAND
SEATTLE

January 31, 1946
ARCHITECT SELECTED
VAN NUYS, Los Angeles Co., Calif. Architect Eugene Weston Jr., Chamber of Commerce Bldg., Los Angeles, has been commissioned to prepare plans for the construction of a classroom and auditorium building at the Encino Ave. Elementary School, 16947 Addison St., Van Nuys, by the Los Angeles Board of Educatin, 1425 S. San Pedro St., Los Angeles. The cost is estimated at $84,000. 9

January 31, 1946
ARCHITECT SELECTED
POMONA, Los Angeles Co., Calif.—Architect Peter Ficker, 645 E. Holt, Pomona, has been authorized by the Los Angeles County Board of Supervisors, 501 Hall of Records, Los Angeles, to prepare plans and specifications and for architectural supervision for the construction of an agricultural exhibit building at the Los Angeles County Fair Grounds, Pomona; Project No. 1187. Estimated cost, $504,725. 9

January 31, 1946
ARCHITECT SELECTED
NORTH HOLLYWOOD, Los Angeles Co., Calif.—Architect George J. Adams, 216 W. Los Feliz Rd., Glendale, has been commissioned to prepare plans for the construction of a classroom building at the Toluca Lake Elementary School, 4840 Cahuenga Blvd., North Hollywood, by the Los Angeles Board of Education, 1425 S. San Pedro St., Los Angeles. The cost is estimated at $80,000. 9

January 31, 1946
ARCHITECT SELECTED
WEST LOS ANGELES, Los Angeles Co., Calif.—Architect Rowland H. Crawford, 146½ S. Doheny Dr., Beverly Hills, has been commissioned to prepare plans for the construction of a classroom and auditorium building at the Warner Ave. Elementary School, 725 Woodruff Ave., West Los Angeles, by the Los Angeles Board of Education, 1425 S. San Pedro St., Los Angeles. The cost is estimated at $100,000. 9

January 31, 1946
BIDS WANTED
DOMINGUEZ, Los Angeles Co., Calif.—Until February 8, 2 P. M., bids will be received by the Los Angeles Board of Education, 1425 S. San Pedro St., Los Angeles, for the construction of a 1-story, 8-classroom frame and stucco school building (181x56 ft.) at the Dominguez Elementary School, 21,250 Santa Fe Ave., Dominguez. Plans prepared by architectural section of board, A. S. Nibecker Jr., architect, 1425 S. San Pedro St., Los Angeles. 9-10

January 31, 1946
BIDS WANTED
AVONDALE, Maricopa Co., Ariz.—Until Feb. 8, 2 P. M., bids will be received by Architects Lescher and Mahoney, 1100 Title & Trust Bldg., Phoenix, for the construction of a six-classroom, home economics and lunch room building at the Avandoie School, Avondale, Ariz., for Avondale School Dist. No. 44 of Maricopa County.

Plans and specifications may be obtained from the office of the above architects upon deposit of $10. Bidder's guarantee of 5% to accompany each bid. 9

January 31, 1946
CONTRACT AWARDED
SCHOOL BLDG. Cost, $86,776
QUILCENE, Wash.
Construction of gym-auditorium adjacent to high school. Concrete block and brick, 1-story, 103x110, steel trusses of laminated wood beams; concrete flooring in foyers; built-in bleachers; capacity 350.
Owner—Roscoe H. Thomas, School Dist. No. 48, Quilcene, Wash.
Architect—Earl F. Montgomery, 4th and Cherry Bldg., Seattle.
Contractor—Wm. Gorsenger, 524 E First St., Port Angeles, Wash.
Other bidders were:
Nelse Mortensen and Co., Seattle, $84,500.
David Brazier, Seattle. $86,750.
Norge Constr. Co., Seattle, $95,658.
9

January 31, 1946
NO BIDS RECEIVED
SAN FRANCISCO.—No bids were received January 30 by the Department of Public Works, Room 282 City Hall, for installation of Pacific boiler in Argonne School. • 9

January 31, 1946
BIDS OPENED
SAN FRANCISCO.—Jas A. Nelson Co., 1375 Howard St., at $4938 submitted low bid January 30 to the Department of Public Works, Room 282, City Hall, for gas burner equipment for present boilers at Galileo High School.
Other bidders were:
Herman Lawson Co., $5843.
O'Mara & Stewart, Ltd., $5891.
• • 9

January 31, 1946
BIDS WANTED
SAN FRANCISCO.—Until Feb. 6, 1:45 P. M., bids will be received by the Department of Public Works, Rm. 282, City Hall, for additional equipment for kitchen at Galileo High School, Bay St. and Van Ness.

Specifications obtainable from Superintendent of Bldgs. R. A. Chisholm, 490 11th St. • • 9

(Continued on Page Four)

11—HOSPITALS

January 31, 1946
BIDS OPENED
SAN FRANCISCO.—James A. Nelson Co., 1375 Howard St., at $3488, submitted low bid January 30 to the department of Public Works, Room 282 City Hall, for new duct work and lint catcher at the San Francisco Hospital, Potrero Ave. between 22nd and 23rd Sts.

Ace Sheet Metal Works, at $3969.28, submitted only other bid. • 11

January 31, 1946
BIDS OPENED
SAN FRANCISCO.—Adam Arras & Son, 116 New Montgomery St., San Francisco, at $2850, submitted low bid January 30 to the Department of Public Works, Room 282 City Hall, for alterations to Harbor Emergency Hospital, north side of Sacramnto St. and east of Drumm St.
Other bidders were:
Charles E. Weit, $3180.
Peter Sartorio, $3369.
• 11

12-13—INDUSTRIAL BUILDINGS

January 31, 1946
BIDS OPENED
SACRAMENTO, Calif.—The following submitted bids to the State Purchasing Agent, Sacramento, for materials as follows:
REQ. E47584, QUO. 32692:
McPhail Fuel Co., San Rafael; from San Rafael storage, $.066 trucks; $.76 in drums; from Santa Rosa storage, $.07 trucks; $.08 in drums.
Shell Oil Co., $.0638, f.o.b. Petaluma tanks; awarded.
QUO. E32466, REQ. 140351:
Capital Lumber Co., Sacramento, total, $570.
Capital City Planing Mill, $312.50; discount 2 per cent 10th.
Diamond Match Co., Sacramento, for ponderosa pine and/or white fir, total, $157.50 net; awarded.
REQ. E47573, REQ. 32689:
Granite Rock Co. and Central Supply Co. bid the same, total, $8200; discount 10 cents ton 10th.
Awarded to Central Supply Co.
QUO. 32729, REQ. 50988:
Central Supply Co., only bidder, total, $4497.50; discount 10 cents ton 10th; awarded. • 43

January 31, 1946
BIDS WANTED
SAN FRANCISCO.—Until Feb. 21, 11 A. M., bids will be received by the Public Works Office, Rm. 2110, Administration Bldg., San Francisco Naval Shipyard, San Francisco, under Spec. No 17099, for the construction of the superstructure for the completion of a two-story shop building, No. 411, and miscellaneous small structures, which shall be used for industrial shop purposes, and which includes asbestos siding, roofing, wood block and other flooring, earthwork, pacink, track work, piling, metal windows and doors, tile work, plastering, tanks, sprinklers, elevators, concrete, floor coverings, ventilation and utilities, all within the Naval Shipyard, San Francisco.

Plans and specifications may be obtained from the above office upon deposit of $130 check or postal money order payable to the Chief of the Bureau of Yards & Docks.
• • 12

January 31, 1946
CONTRACT AWARDED
SALT LAKE CITY, Utah.—Olson Construction Co., 250 E. First St., Salt Lake City, awarded contract for construction of an icemaking plant at 430 W. Second N., Salt Lake City, for the Utah Ice & Storage Co.; cost, $200,000. 12

January 31, 1946
PREPARING PLANS
DENVER, Colo.—Architects Kaufmann, Lippencott & Eggers, 627 S. Carondelet St., Los Angeles, are preparing plans for the construction of a 4-story laboratory building to be built in Denver, Colo., for the Gates Rubber C. It will cover an area 100x 300 feet; steel frame construction, brick walls, composition roofing, cement and wood floors, steel sash, metal doors, etc. 12

January 30, 1946
FUNDS AWARDED
LONG BEACH, Los Angeles Co., Calif.—Mr. Vickers, City Manager, City of Long Beach, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, that funds to the amount of $33,450 will be furnished the City of Long Beach for the purpose of assiting in the preparation of plans for constructing a city consolidated yard consisting of reinforced concrete shop buildings, truck, storage and lumber sheds, offices and personnel quarters and paving yard; automotive department shops for handling heavy equipment with shop buildings and storage sheds; street division yard with headquarters building, office, locker room and facilities for personnel and shop, storage and truck sheds; and a sanitary division yard with headquarters building including office, locker, assembly room and facilities for personnel and storage and truck sheds. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities wil be $743,880, to be furnished from general obligation bonds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

Wright L. Felt, located at Los Angeles, is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Southern California. The engineer for the City has not yet been selected.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 12-13

January 31, 1946
CONTRACT AWARDED
FACTORY ADDN. Cost, $50,000
OAKLAND, Alameda County, Calif.
41st and Linden Sts.
Construction of addition to paint factory, class C construction.
Owner—Walter N. Boysen Co., 42nd and Linden Sts., Oakland.
Architects—Reynolds & Chamberlain, 3833 Piedmont Ave., Oakland 11.
Contractor—A. A. McDonald, 3229 Ardley Ave., Oakland, Calif.
Working drawings will be completed within a few days. 12

January 31, 1946
BIDS WANTED
BUTTONWILLOW, Kern Co., Cal.—Until Feb. 11, 8 P. M., bids will be received by the Board of Trustees of the Buttonwillow Union Sch. Dist., Buttonwillow, for furnishing and delivering school furniture, fob Buttonwillow.

Specifications obtainable from the above office. • • 42

January 31, 1946
PLANS BEING FIGURED—
BIDS OPEN FEB. 15, 4 P M.
SHEET METAL SHOP
Estimated Cost, $32,000
SACRAMENTO, Sacramento Co., Cal.
22nd and "S" Streets.
Construction of 1-story sheet metal shop and office. masonry walls and steel frame.
Owner—Withheld.
Architect—Gordon Stafford, Insurance Bldg., 806 K St., Sacramento.
Plans are being figured by the following contractors:
Campbell Constr. Co., 800 R St., Sacramento.
Lawrence Constr. Co., 3020 V St., Sacramento.
Holdener Constr. Co., 2608 R St., Sacramento.
Chas. F. Unger, 2426 Seventh Ave., Sacramento.
H. W. Robertson, 2917 T St., Sacramento.
Central California Constr. Co, 116 Erie St., San Francisco. • • 12

14-17—PUBLIC BLDGS.

January 31, 1946
BIDS OPENED
SAN FRANCISCO.—Alta Roofing Co., 976 Indiana Street, at $54.00 submitted low bid January 30 to the Department of Public Works, Room 282, City Hall, for repair of tar and gravel roof over kitchen area at No. 29 Engine.
Other bidders were:
Robert F. Smith, $69.00.
J. W. Bender Roofing Co, $71.00.
• • 15

January 31, 1946
CONTRACT AWARDED
HAMILTON, Mont.—B. N. Chase, Norwood, Ohio, at $888 submitted low bid and awarded contract by the Federal Works Agency, Public Buildings Administration, 514 Post Office, Kansas City, Mo., for thermal insulation at the Public Health Service Laboratory, Hamilton, Mont.

Robert F. Greene, York, Neb., at $975 submitted only other bid. • • 15

January 31, 1946
FUNDS AWARDED
SAN BERNARDINO, San Bernardino Co., Calif.—Mayor W. C. Seccombe of the City of San Bernardino has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of Federal Works Agency, Berkeley, Calif., that funds to the amount of $4800 will be furnished the city for the purpose of assisting in the preparation of plans for construction of an underground comfort station at Third and E Sts.; construction to be of reinofrced concrete, with automatic sewage booster pump and ventilation system; construction of a city health clinic with approximately 4000 square feet of floor area, and construction of a pedestrian underpass at Highland and E Sts., to be approximately 10 feet by 8 feet, with a length of 85 feet, and to be constructed of reinforced concrete. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $135,000, to be furnished from available funds, general obligation bonds and taxes. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

Wright L. Felt, located at Los Angeles, Calif., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Southern California. The engineer for the city has not yet been selected.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 15

January 31, 1946
FUNDS AWARDED
MONTEREY, Monterey Co., Calif.—William E. Hansen, city manager, City of Monterey, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $5000 will be furnished the City of Monterey for the purpose of assisting in the preparation of plans for constructing a public library. The structure is to be of reinforced concrete, with approximately 20,000 square feet of space, and will house from 75,000 to 85,000 volumes. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $151,557, to be furnished from general obligation bonds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

H. E. Devereaux, located at Berkeley, Calif., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Northern California. The architect for the city has not yet been selected.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 15

January 31, 1946
BIDS OPENED
ALTADENA, Los Angeles Co., Calif.—George Goedhart, 1884 Woodlyn Rd., Pasadena, submitted the low bid to the Los Angeles County Board of Supervisors, 501 Hall of Records, Los Angeles, January 22, at $23,950, for the construction of a fire station, Engine Co. No. 52, at 1923 N. Allen Ave., north of New York Ave., Altadena, for the Los Angeles County Fire Department. 14-17

January 31, 1946
PREPARING PLANS
PUBLIC BUILDINGS
LAS VEGAS, Clark County, Nev.
Construction of a city jail and police station building to house 100 prisoners and to include city courtroom, squad room, office for police department and enclosed pistol range; concrete block wall construction, two stories, 161x165 feet overall, concrete floors, walls and roof, ceramic tile floor covering, steel sash, glass block grilles on cells.
Owner—City of Las Vegas.
Architect—Richard Stadelman, P. O. Box 1068, Las Vegas, Nev.
The architect desires information pertaining to jail equipment of all types. • 17

January 31, 1946
FUNDS AWARDED
CHULA VISTA, San Diego Co., Calif.—Mayor Ralph Keithley of the City of Chula Vista has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $4800 will be furnished the City of Chula Vista for the purpose of assisting in the preparation of plans for constructing a city hall, including fire station, police station, jail, public works department and other departments. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $208,000, to be furnished from available cash, tax receipts and general obligation bonds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

Wright L. Felt, located at Los Angeles, Calif., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Southern California, and Charles Parks, San Diego, Calif., is the architect for the city.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 15

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Buildings and Utilities Spec. 17379, NOy 13211	Inyokern	2- 5
Warehouse California Natural Guard	Sacramento	2- 5

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Conversion Bldg., No. 401, S. F. Naval Shipyard, San Francisco; Bids open January 31, 11 A. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
A. Farnell Blair, 9 Main Street, San Francisco (YUkon 0390).
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).

Laboratory Bldg., Moffett Field; Bids close February 8, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
Carl N. Swenson Co., 355 Stockton Ave., San Jose (BAllard 2602).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
M. J. King, Inc., 231 Franklin Street, San Francisco (UNderhill 8209).
Peter Sorensen, 927 Arguello St., Redwood City (Redwood 2212).
Parker, Steffens & Pearce, 135 South Park, S. F. (EXbrook 6639).

Bldgs., Services, Reserve Fleet Berthing, Mare Island; NOy 13295; Spec. 17459; Bids open February 1, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Peter Kiewit Sons Co., 441 Post St., San Francisco (EXbrook 5736).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).

Expansion Sheet Metal Shop, Etc., S. F. Naval Shipyard; Spec. 17230; Bids open February 7, 11 A. M.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).

Store Bldg., Railroad Ave. and E 7th St., Pittsburg; Bids open Feb. 9, 11 AM
Barrett & Hilp, 918 Harrison St. San Francisco (DOuglas 0700).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Louis C. Dunn Co., 799 Monadnock Bldg., San Francisco (YUkon 1471)
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064)

Motel Buildings, Oakland; Bids open January 31, 3 P. M.
Barrett & Hilp, 918 Harrison St, San Francisco (DOuglas 0700).
G. W. Williams Co., 10 California Drive, Burlingame (Burl 4-1796)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Candy Factory, Ocean Ave. near 19th Ave., S. F.; Bids open Feb. 4, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).
Midstate Constr. Co., 1299 Bush St., San Francisco (ORdway 4638).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).
C. F. Parker, 1644 Monterey Blvd.. San Francisco (OVerland 5357).
Monson Brothers, 475 Sixth St., San Francisco (DOuglas 5357).
Rademann-Giusto, 40 Ringoldi St., San Francisco (MArket 8151).
De Luca & Son, 1745 Filbert St., San Francisco (ORdway 3600).

Tulana Farms Grain Elevator, Worden, Ore.; Bids ipen Feb. 14, Noon.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

Tank Truck Loading Fac., Standard Oil, Richmond; Bids open Feb. 18, Noon
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980
Barrett & Hilp. 918 Harrison St. San Francisco (DOuglas 0700).

Bldgs., Paving and Utilities, U. S. Navy Sta., Inyokern; Spec. 17379; NOy 13211; Bids open February 5, 2 P. M.
Johnson, Drake & Piper, Inc., 1736 Franklin St., Oakland (GLencourt 8011). Bids due in Oakland office February 2).
Haddock-Engineers, Ltd., P. O. Box 479, Oceanside.

Factory Bldg., Penetrators Syphon Co., Dixon; Bids open Feb. 4, 2 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Campbell Constr. Co., 800 R St., Sacramento (Sacto 3-2095).
H. W. Robertson, 2917 "T" St., Sacramento (Sacto. 5-3061).
H H Larsen Co., 64 South Park. San Francisco (EXbrook 3190, 3191)
Lawrence Constr. Co., 3020 V St., Sacramento (Sacto. 6-3835).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).

Foster Weeks Store & Apts., Grand Ave., Oakland; Bids open Feb. 4, 3 PM
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).
Empire Constr Co., 344 Harriet St., San Francisco (HEmlock 3400).

Alter Grand Lake Theatre, Oakland; Bids open February 6, 2 P. M.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).
Mariposa Constr. Co., 1106 Mariposa St., S. F. (UNderhill 0375)
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).

Boat House, Golden Gate Park, S. F.; Bids open January 31, 2 P. M.
N. O. Wiseth, 711 McAllister St., San Francisco (FIllmore 1231) .
Adam Arras & Son, 116 New Montgomery St., S. F. (GArfield 8381).

Shops Bldg., San Mateo Junior College; Bids open February 13, 8 P. M.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Monson Brothers, 475 Sixth St., San Francisco (DOuglas 5357).

Alter Bank of Canton, Montgomery and Clay Sts., San Francisco; Bids open February 5, Noon.
G. P. W. Jensen & Sons, Inc., 320 Market St.. San Francisco (GArfield 2444)

MacDONALD, YOUNG & NELSON
General Contractors
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ADVANCE CONSTRUCTION REPORTS

January 31, 1946
NO BIDS RECEIVED
SANDPOINT, Idaho—No bids were received January 30 by the Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for new lighting fixtures and exhaust fans to be installed in the basement office of the U. S. Post Office, Sandpoint, Idaho. • 16

January 31, 1946
NO BIDS RECEIVED
SAN FRANCISCO.—No bids were received January 30 by the Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for relocating refrigerating compressor and condensing unit in the Rincon Annex Post Office at San Francisco. • 16

January 31, 1946
BIDS OPENED
SASABE BORDER STA., Arizona. —Arizona Paint Co., at $1500 submitted low bid to the Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior painting at the Sasabe Border Sta., Ariz.

R. A. Newman, McMinnville, Ore., at $1776 submitted the only other bid. • • • 16

20-21—SOCIAL AND RECREATIONAL BLDGS.

January 31, 1946
CONTRACT AWARDED
STOCKTON, San Joaquin Co., Cal. S. C. Giles & Co., 121 W Knoles Way, Stockton, at $32,936 awarded contract by the Federal Public Housing Authority, Humboldt Bank Building, San Francisco, for construction of a community building and warehouse at Project Calif. 4065, Stockton. • • 20

22-26—RESIDENTIAL BUILDINGS

January 31, 1946
PREPARING PLANS
HOMES Est. Cost, $600-800,000
PORTLAND, Oregon. Avonia Addn. near Woodstock Park.
Construction of 101 single-family homes to be built on SE 45th and 47th Aves., some overlapping into Multnomah county limits; varying designs, but most 5-room structures. Gas fired heat, some electric heating installed if needed; ranges and refrig. for each home; floor area from 850 to 1000 sq. ft., some basements.
Owner and Builder—Henry E Miller Corp., 7122 SE 72nd Ave., Portland.
Architect—Max Williams and Associates, Sherlock Bldg, Portland.

Following construction materials needed: lumber, plastering, plumbing, rk. lath, several hundred kegs of nails, concrete, electric wire, insulation, hardwood flooring, wood shingles, electric fans. 26

January 31, 1946
BIDS WANTED—TO BE OPENED FEB. 5, 12 M.
HOME FOR AGED
PORTLAND, Ore. Mt. St. Joseph's Home for Aged.
Construction of 2nd unit of Old Age Home, 3-story building, boiler room addition connected to first unit by sub-level utility tunnel, 80x50, reinforced concrete construction, brick facing.
Owner—Mt. St. Joseph's Home for Aged.
Architects—Jacobberger, Stanton & Zeller, McKay Bldg., Portland.

Following contractors have taken out plans:
Ross B. Hammond, 1241 N Williams.
Geor. H. Buckler Co., Lewis Bldg.
Donald M. Drake Co., Lewis Bldg.
Teller Constr. Co., Builders Exchange Bldg.
Bingham Constr. Co., Builders' Exchange Bldg.
Robertson, Hays & Wallace, 1801 SE Grand.
All of Portland. • 22

27—TRANSPORTATION BUILDINGS

January 31, 1946
FUNDS AWARDED
NAPA, Napa Co., Calif. — Lowell Edington, chairman, airport committee, County of Napa, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $20,000 will be furnished the county for the purpose of assisting in the preparation of plans for constructing an administration building, shops and hangars at the existing airport. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $328,000, to be furnished from available cash, tax receipts and general obligation bonds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

H. E. Devereaux, located at Berkeley, Calif., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Northern California, and Russell Guerne de Lappe ,Berkeley, Calif., is the architect for the county to make the final plans

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 27

28-30—MISCELLANEOUS BUILDINGS

January 31, 1946
FUNDS AWARDED
SHERIDAN, Wyo.—J. H. Monroe, district airport engineer, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $4500 will be furnished the Sheridan County Airport for the purpose of assisting in the preparation of plans for an administration building, to be two stories with full basement, approximately 45x120 feet. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $112,200, to be furnished from available cash and other funds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

E. A. Rose, located at Denver, Colo., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Wyoming, and the architect has not as yet been selected by the applicant.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 29

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Engineering Section

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For convenient reference, news reports in this section are classified as follows:

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Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

January 31, 1946
COMPLETING PLANS
KELSO, Wash.—Engineers Parker & Hill, South Tower, Seattle, are completing plans and specifications for the construction of a water system modernization program at Kelso, Wash., for the City of Kelso; estimated cost, $400,000. • • 31-32

January 31, 1946
BIDS OPENED
SAN FRANCISCO.—M. & K. Corp., 200 Financial Center Bldg., at $116,946.50, submitted low bid January 30 to the Department of Public Works, Room 282 City Hall, under Spec. 19,851 for construction of Upper Army sewer system, section "A" in Church St. from 25th to 27th Sts.

Plans by City Engineer Ralph Wadsworth, City Hall.

The work involves:
(1) 640 lin. ft. 6-ft. 6-in. diameter reinforced concrete sewer;
(2) lump sum, taper structure;
(3) 565 lin. ft. 5-ft. 9-in. diameter reinforced concrete sewer;
(4) 42 lin. ft. 2-ft. x 3-ft. reinforced concrete sewer;
(5) 117 lin. ft. 15-in. vitrified clay pipe sewer;
(6) 117 lin. ft. 18-in. vitrified clay pipe sewer;
(7) 64 lin. ft. 21-in. vitrified clay pipe sewer;
(8) 29 lin. ft. 24-in. vitrified clay pipe sewer;
(9) 8 each manhole on concrete sewer;
(10) 9 each manhole on pipe sewer;
(11) 417 lin. ft. 10-in. vitrified clay pipe culvert;
(12) 19 each catchbasins;
(13) 1215 lin. ft. 12-in. vitrified clay pipe sub-drain;
(14) 300 tons rock fill;
(15) 27,000 sq. ft. pavement excavation in track area;
(16) 2900 lin. ft. track removal;
(17) 600 cu. yds. excavation below pavement;
(18) 1200 cu. yds. crushed rock ballast (furnished and delivered);
(19) 2900 lin. ft. track construction;
(20) 100 each thermit weld joints;
(21) 10 each arc welded bonds;
(22) 27,000 sq. ft. asphaltic concrete wearing surface on concrete base;
(23) 1400 sq. ft. concrete base, conform pavement;
(24) 50 tons asphaltic concrete, conform pavement;
(25) lump sum, traffic routing work.

Complete bids were:

M. & K. Corp., (1) $51, (2) $725, (3) $46, (4) $43, (5) $9, (6) $11, (7) $14.50, (8) $21, (9) $130, (10) $260, (11) $3, (12) $175, (13) $1.50, (14) $2.50, (15) $.20, (16) $1.30, (17) $1, (18) $4, (19) $4, (20) $15, (21) $8, (22) $.37, (23) $.35, (24) $9, (25) $2700; total bid, $116,946.50.

Eaton & Smith, (1) $62.50, (2) $900, (3) $56.30, (4) $30, (5) $10, (6) $12, (7) $14, (8) $16, (9) $120, (10) $200, (11) $5, (12) $175, (13) $1.50, (14) $2.50, (15) $.10, (16) $1.80, (17) $2, (18) $2.50, (19) $3.55, (20) $14, (21) $3, (22) $.34, (23) $.36, (24) $10, (25) $500; total bid, $123,175.

Charles L. Harney, (1) $67, (2) $1700, (3) $55, (4) $35, (5) $14, (6) $15, (7) $17, (8) $17, (9) $92, (10) $218, (11) $3.50, (12) $170, (13) $1.40, (14) $2.80, (15) $.16, (16) $1.10, (17) $2.15, (18) $3.50, (19) $3, (20) $14, (21) $3.70, (22) $.33, (23) $.33, (24) $12, (25) $3600; total bid, $128,736.50.

R. G. Clifford, (1) $64, (2) $1000, (3) $55, (4) $57, (5) $21, (6) $22, (7) $23, (8) $24, (9) $173, (10) $250, (11) $11.50, (12) $220, (13) $2.90, (14) $5.50, (15) $.25, (16) $2.40, (17) $2.60, (18) $3.30, (19) $4.50, (20) $14, (21) $4, (22) $.38, (23) $.40, (24) $8, (25) $2800; total bid, $148,151.

Martin Murphy, (1) $82, (2) $1000, (3) $74.50, (4) $54, (5) $37, (6) $38.50, (7) $35.90, (8) $26.70, (9) $150, (10) $200, (11) $6.50, (12) $200, (13) $2.50, (14) $4, (15) $.10, (16) $3, (17) $1.50, (18) $4, (19) $4, (20) $12, (21) $7, (22) $.35, (23) $.60, (24) $20, (25) $2500; total bid, $167,253.90. • 32

January 31, 1946
BIDS WANTED
PORTLAND, Ore.—Until Feb. 5th, 10:30 A. M., bids will be received by the Multnomah County Road Master, George W. Buck, for furnishing and installing water system at Rocky Butte Jail.

Specifications obtainable from the above office. • • 31-32

34—DAMS, RESERVOIRS & DREDGING

January 31, 1946
BIDS OPENED
PRIEST RAPIDS, Wash. — The Diamond Drill Contracting Co., S. 18 Stone St., Spokane, at $30,025, submitted low bid to the U. S. District Engineer Office, Textile Tower, Seattle, Wash., January 21, for exploratory foundation work at Priest Rapids damsite, Columbia River, Yakima and Grant counties, Washington.

The bids submitted were:
The Diamond Drill Contracting Co., $30,025.
Lynch Bros., Seattle, Wash., $31,162.
Cannon & Jefferies, Compton, Calif., $38,690. • 34

35— DOCKS, PIERS & HARBORS

January 31, 1946
TO ASK BIDS
SANTA BARBARA, Calif. — Consulting Engineers Leeds, Hill & Jewett, 1000 Edison Bldg., Los Angeles, have completed an overall survey of the conditions of Stearns Wharf in Santa Barbara for the Santa Barbara Equipment Co., Dr. Edward Cagney, president; Harold Benner, comptroller and acting manager, Anacapa and Mason Sts., Santa Barbara. The report stated that approximately 1458 new creosoted bearing piles will be required and about 75 per cent of the eucalyptus fender piles will also have to be renewed. Present plans call for the immediate repair of all piling at the end of the wharf, and the Santa Barbara Crane Service, 35 N. Quarantina, Santa Barbara, has a contract to drive 25 new piles at this point immediately. The engineers have been authorized to prepare detailed specifications and plans covering all repairs to the wharf and a bid call for the work is expected to be issued in the near future. 35

38— ELECTRIC LIGHTING TRANSMISSION LINES

January 31, 1946
CONTRACT AWARDED
WATERVILLE, Wash—The Cascade Contractors, Inc., 1200 W Ewing Seattle, at $408,034 awarded contract by the Douglas County Public Utility District No. 1, Waterville, for the construction of a 420-mile transmission line and rural electric distribution system in Douglas Co., Wash. A Rural Electrification Administration Project. • • 38

39—SEWERS

January 31, 1946
ADDENDUM ISSUED
CENTRAL VALLEY PROJECT, California.—The Bureau of Reclamation, Denver, Colo., has issued an addendum affecting the last page of Schedule No. 3 of the specifications and adding paragraphs 69a, 69b and 69c, and drawing No. 214-D-11466 to the specifications, for Friant-Kern Canal, Specification No. 1148. As previously reported bids for this project are to be opened by the Bureau of Reclamation, Friant, Calif., at 10 A. M., February 5.

Item (58) is changed to read "3000 lbs. installing miscellaneous metal work."

The following items are added:
(62) 28,500 lin. ft. constructing underdrains with uncemented joints;
(63) 20,000 lin. ft. constructing feeder drains. • 39

January 31, 1946
CONTRACT AWARDED
FORT MacARTHUR, Los Angeles Co., Calif.—Bebek & Brkich, 238 W. Florence Ave., Los Angeles, at $12,693, have been awarded a contract by the U. S. District Engineer Office, 751 S. Figueroa St., Los Angeles, for the construction of additional sewage facilities for personnel center at Fort MacArthur; Serial No. 144. • 39

January 31, 1946
TO ASK BIDS
FORT LYON, Colo.—The U. S. Engineer Office, Commercial Bldg., P. O. Box 1538, Albuquerque, N. M., will issue a call for bids about February 1, to be opened approximately 30 days later, for construction of the Fort Lyon protective works, Fort Lyon, Colo., near Las Animas, Bent County, Colo. The work will consist of construction of an earth levee with two cross dikes, timber bridge, two intercepting drain ditches, storm drainage culverts with flood gates, a storm sewer system and an Imhoff tank effluent sump complete with automatic pumps and appurtenant piping; completion time, 250 days. Specifications available from the above office upon deposit of $10.

The work involves:
(1) lump sum, clearing and grubbing;
(2) 115,000 cu. yds. excavation, common;
(3) 520,000 cu. yds. borrow;
(4) 500,000 cu. yds. rolled fill;
(5) 6500 cu. yds. riprap;
(6) lump sum, timber bridge;
(7) 3000 lin. ft. gravel road surfacing
(8) 200 cu. yds. miscellaneous concrete;
(9) 30,000 lbs. concrete reinforcing steel;
(10) 1500 lin. ft. miscellaneous cast iron pipe;
(11) 7500 lin. ft. miscellaneous vitrified clay pipe. 39

January 31, 1946
BIDS OPENED
FRESNO, Fresno Co., Calif.—Kovick Bros. Constr. Co., 145 W Shields Ave., Fresno, at $7526.72 submitted low bid to the commission of the City of Fresno, D. E. Roughton, City Clerk, City Hall, Fresno, for the installation of sewers in Fairview Gardens and Fairview Gardens Annex, Fresno.

Work involves:
(1) 1154 l.f. 8-inch vit. clay pipe;
(2) 3358 l.f. 6-inch vit. clay pipe;
(3) 149 wyes;
(4) 8 each concrete manholes.

Bids were:

Kovick Bros. Constr Co., (1) $1.58; (2) $1.30; (3) $2; (4) $130; total, $7,526.72.

W. M. Lyles, Avenal, (1) $1.85; (2) $1.54; (3) $1.25; (4) $115; total, $8,412.47. • 39

January 30, 1946
FUNDS AWARDED
RIALTO, San Bernardino County, Calif.—Mayor R. M. Milligan of the City of Rialto has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, that funds to the amount of $1500 will be furnished the City of Rialto for the purpose of assisting in the preparation of plans for extension to existing collecting sewers and construction of a new outfall line, with approximately 16,000 feet of 8-inch sewers and 50 manholes, and 7000 feet of 15-inch outfall with 20 manholes. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $61,000, to be furnished from general obligation bonds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

Wright L. Felt, located at Los Angeles, is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Southern California. The engineer for the City of Rialto has not yet been selected.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 39

January 31, 1946
FUNDS AWARDED
DIXON, Solano Co., Calif.—A. R. Peck, city councilman, City of Dixon, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of Federal Works Agency, Berkeley, Calif., that funds to the amount of $4000 will be furnished the City of Dixon for the purpose of assisting in the preparation of plans for extension of the sanitary sewer system. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $89,600, to be furnished from general obligation bonds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

H. E. Devereaux, located at Berkeley, Calif., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Northern California. The engineer for the city has not yet been selected.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 39

January 30, 1946
FUNDS AWARDED

LOS ANGELES, Los Angeles Co., Calif.—Lloyd Aldrich, city engineer and coordinator, City of Los Angeles, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of Federal Works Agency, Berkeley, Calif., that funds to the amount of $40,750 will be furnished the city for the purpose of assisting in the preparation of plans for extensions to the sanitary sewer system, together with all necessary appurtenances, to serve the Halbrent Ave. and Camarillo St. Sewer District, the Hartsook St. and Kester Ave. Sewer District, the 224th St. and Normandie Ave. Sewer District, the Athens Sewer District, the Torrance Blvd. and Denker Ave. Sewer District, the Walker Ave. and 36th St. Sewer District, the Victory Blvd. and Kraft Ave. Sewer District, the Katherine St. and Collins St. Sewer District, Denny Ave. between Magnolia and Chandler Blvds., the Belle Porte Ave. and 260th St. Sewer District, the Figueroa and R Sts. Sewer District, the Moorpark St. and Sunnyslope Ave. Sewer District, the Marquez Ave. and Bellinger Ave. Sewer District, the Sorrento Dr. and San Romo Sewer District, the Milbank St. and Rhodes Ave. Sewer District and the Denny Ave. and Hatteras St. Sewer District.

The estimated cost of the facilities will be $980,100, to be furnished from direct assessments against benefited property. The funds made available through the Bureau of Community Facilities of Federal Works Agency are to be repaid without interest when the construction begins.

Wright L. Felt, located at Los Angeles, Calif., is the engineer for the Bureau of Community Facilities of Federal Works Agency for Southern California, and Lloyd Aldrich, city engineer, will make the final plans.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 39

January 30, 1946
FUNDS AWARDED

GILBERT, Maricopa Co., Ariz.—Mayor S. M. Vaughn, mayor of the town of Gilbert, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $2200 will be furnished the town of Gilbert for the purpose of assisting in the preparation of plans for construction of a new sanitary sewer system, including a treatment plant and all necessary appurtenances The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $55,420, to be furnished from special assessments. The funds made through the Bureau of Community Facilities of Federal Works Agency are to be repaid without interest when the construction begins.

Wright L. Felt, located at Los Angeles, Calif., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Arizona, and Yost & Gardner, Phoenix, Ariz., are the engineers for the town of Gilbert to make the final plans.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 39

40— STREETS AND HIGHWAYS

January 31, 1946
BIDS WANTED
SAN FRANCISCO—Until February 8, 11 A. M., bids will be received by the Public Works Office, Room 2110 Administration Bldg., San Francisco, under Spec. No. 17015 for the installation of additional paving which shall be used for streets, yards, piers and sidewalks at the San Francisco Naval Shipyard, San Francisco.

Plans and specifications may be obtained from the above office upon deposit of check or postal money order in amount of $30, payable to the Chief of Bureau of Yards and Docks. • 40

January 31, 1946
BIDS WANTED
SAN DIEGO, Calif.—Until Feb. 11, 11 A. M., bids will be received by the U. S. Navy, Public Works Office, 11th Naval District, 1220 Pacific Highway, San Diego, under Spec. No. 16953 for labor and materials for the construction of 40,000 sq. ft. of automobile parking facilities at the Naval Hospital, San Diego. The project will include earthwork, clearing of site, asphaltic cement concrete paving, moving existing utilities, wire fence and other miscellaneous work. Specifications available at the above office upon deposit of $10. • 40

January 31, 1946
BONDS VOTED
LIVERMORE, Alameda Co., Calif. —The City of Livermore voted bonds January 29 in the amount of $35,000 to finance street improvements and purchase of equipment. Plans by City Engineer C. G. Clarke. • 40

January 31, 1946
BIDS WANTED
NEVADA STATE HIGHWAY.—Until March 1, 1:30 P. M., bids will be received by the directors of the Department of Highways, Heroes' Memorial Bldg., Carson City, Nev., for the construction of 19 miles of secondary federal aid highway to allow easy access of workers and materials to the Davis Dam Project. The new highway will form a junction with U. S. Highway 95, approximately 19 miles south of Searchlight and will lead to the damsite; estimated cost, $450,000. • 40

January 31, 1946
PLANS COMPLETED
CALIFORNIA STATE HIGHWAY. —G. T. McCoy, California State Highway Engineer, Sacramento, has completed plans and will issue a bid call in about 60 days for the development of Rosemead Blvd. between Colorado St. and Huntington Dr., into a 110-foot, 4-lane highway, with parking strips and a center division strip to accommodate later traffic demands. 40

January 31, 1946
BIDS OPENED
SAN FRANCISCO.—Piombo Bros. & Co., 1571 Turk St., and Charles L. Harney, 625 Market St., at $995 submitted identical low bid January 30 to the Department of Public Works, Room 282, City Hall, ofr sand removal on 39th Avenue bet. Taraval and Santiago Streets.

W. G. Elright at $3,390 submitted the only other bid. • 40

41—GAS, WATER AND OIL PIPE LINES

January 31, 1946
FUNDS AWARDED
SANTA CLARA COUNTY, Calif.—L. Cedric Macabee, district engineer, Oro Loma Sanitary District, 156 University Ave., Palo Alto, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $17,500 will be furnished the district for the purpose of assisting in the preparation of plans for constructing a storm drainage system consisting of culverts, pipes, drains, catchbasins, special inlets, manholes, drainage canals and all necessary appurtenances. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $618,500, to be furnished from special assessment. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

H. E. Devereaux, located at Berkeley, Calif., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Northern California, and Mr. Macabee is the engineer for the district to make the final plans.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 41

January 31, 1946
BIDS OPENED
INGELWOOD, Los Angeles Co., Calif. — Marko Matick, 1269 Eagle Vista Dr., Los Angeles, at $27,000, submitted the low bid to the city council of the City of Inglewood, City Hall, Inglewood, for the installation of new 8-inch cast iron pipes for main water lines and 6-inch cast iron pipes for feeder lines in the area south of Hardy St., between Prairie and S. La Brea Aves., Inglewood. • 41

January 31, 1946
CONTRACT AWARDED
DENVER, Colo.—Lock Joint Pipe Co., 1716 California Street, Denver, awarded contract by the Denver board of water commissioners for the installation of approx. six miles of water pipe line from Littleton to E 4th and York Sts., Denver. • • 41

January 31, 1946
TO ASK BIDS
HILLSBORO, Ore.—City Engineer J. W. Barney, City Hall, is completing plans, and attorneys are preparing legalities fo rsale of bonds required for financing project for replacement of about 11 miles of old 12-inch wide water main with 18-in. metal pipeline, reaching from Hillsboro to junction of Cherry Grove Rd. and state highway near Gaston, Ore., at an estimated cost of $650,000. Bids will be called about Feb. 1. • • 41

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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42— MISC. SUPPLIES AND MATERIALS

January 31, 1946
BIDS WANTED
DENVER, Colo.—Until Feb. 1st, 2 P M., bids will be received by the Bureau of Reclamation, Customhouse Denver 2, Colo, under Inv. No. 24.-958-A-1 for 1250 tons of superphosphate fertilizer in 100-lb. bags.

Specifications obtainable from the above office. • • 42

January 31, 1946
CONTRACT AWARDED
FRESNO, Fresno Co., Calif.—Pacific States Cast Iron Pipe Co., Rialto Bldg., San Francisco, at $5351.43 was awarded contract by the Commission of the City of Fresno, D. E. Roughton, City Clerk, City Hall, Fresno, for furnishing 8107 ft. of 4-inch cast iron bell and spigot water pipe.

Bids were:
Pacific States Cast Iron Pipe Co., $5351.43.
U. S. Pipe & Foundry Co., $5311.85.
American Cast Iron Pipe Co., $5,412.55. • • 42

January 31, 1946
NOTICE OF SALE
BISHOP, Inyo Co., Calif.—Until Feb. 5, 3 P. M., bids will be received by the State Division of Highways, G. E. Siebert, Supt. of Equipment, Bishop, for the sale of (1) one CHC 341 motor grader, Galion Model C, 12-inch blade, dual drive, hydraulic control, scarifier, generator, Case L I power, and (2) one CHC 331 motor grader, Adams Model 301, 10-inch blade, tandem drive, power control, scarifier, International 1-30 power electric lights.

Specifications available at above office. Equipment may be inspected at the Division of Highways Yard, Bishop. •

43— MACHINERY AND EQUIPMENT

January 31, 1946
NOTICE OF SALE
LOS ANGELES, Calif.—Until Feb. 4, 10 A. M., bids will be received by the U. S. District Engineer Office, 751 S. Figueroa St., Los Angeles, for the sale of inventory materials resulting from cancellation of government contracts for the manufacture of portable electric power generating equipment, located at the O'Keefe & Merritt Co., 3700 E. Olympic Blvd., Los Angeles. The materials include Hercules engines, stranded copper wire, bolts, nuts, screws, washers, flat strip brass, flat bar and strip copper, flat and bar steel, round hot rolled steel, McCord radiators for Hercules engines, solid formvar copper wire, meters and switches. The materials may be inspected daily at the above location from January 22 through February 2, from 8 to 4 P. M. •

January 31, 1946
CONTRACTS AWARDED
SAN FRANCISCO.—A. E. Lattimore, 1433 Bush St., San Francisco, and Wagnon Automobile Body Co., Berkeley, were awarded contracts by M. H. Gerry, Purchaser of Supplies, 270 City Hall, San Francisco, under Inv. No. 3456 for repairs to three motor coaches for the Municipal Railway. • 43

January 31, 1946
BIDS WANTED
SAN MATEO, Calif.—Until Feb. 12, 4 P. M., bids will be received by the board of trustees of the San Mateo City Elementary School District, Philip S. Pope, clerk, 120 N. Ellsworth Ave., San Mateo, for the purchase of one school bus, Gillig Transit Coach, Model 450-46-73, 73-passenger capacity.

Specifications on file at the office of the superintendent of schools, 120 N. Ellsworth Ave., San Mateo. • 43

January 31, 1946
BIDS WANTED
BERKELEY, Alameda Co., Calif.—Until February 13, 10 A. M., bids will be received by the City of Berkeley, City Hall, for furnishing 800 gallons white, red and yellow traffic paint.

Specifications obtainable from the above office. • 43

January 31, 1946
CONTRACT AWARDED
RIO GRANDE PROJECT, New Mexico-Texas.—The Bureau of Reclamation, Denver, Colo., has awarded contract for (1) three 500 kva., 110,000 delta to 2400/4160 Y volt, outdoor type transformers, (2) on 115,000 volt, 600 ampere, outdoor type oil circuit breaker, (3) one 3-element, 3-phase, recording watt hour demand meter, and (4) one of same, as follows:
General Electric Co., (1) $18,798.
Allis-Chalmers, (2) $14,413.
Westinghouse Electric Corp., (3) and (4) $492. • 43

January 31, 1946
CONTRACT AWARDED
CENTRAL VALLEY PROJECT.—Willamette Iron & Steel Co., Portland, Ore., at $12,106 awarded contract by the Bureau of Reclamation, Denver, for furnishing one high pressure gate assembly for installation in the fish trap at the Keswick Dam, Kennett Division, Central Valley Project; Spec. No. 1123. • • 43

January 31, 1946
CONTRACT AWARDED
CENTRAL VALLEY PROJECT.—Moffett Mfg. Co., Oakland, at $9335 has been awarded contract by the Bureau of Reclamation, Denver, for furnishing one gantry crane with a capacity of 11 tons for raising and lowering by means of a lifting frame the draft tube bulkhead gates at Keswick Power Plant, Kennett Division, Central Valley Project; Spec. No. 1825-D. • 43

January 31, 1943
BIDS OPENED
FRESNO, Fresno Co., Calif.—Layne & Bowler Corp., 1960 H St, Fresno, and 900 Santa Fe Ave., Los Angeles, at $2894.73. submitted the low bid to the Commission of the City of Fresno, D. E. Roughton, city clerk, City Hall, Fresno, for furnishing one deep well turbine pump and motor of not less than 2100 gallons capacity at a total head of 155 ft for new station No. 36, to be located at Orange and Church Aves., Fresno. Peerless Pump Division, Food Machinery Corp., submitted the only other bid at $2930.17. • 43

January 31, 1946
CONTRACT AWARDED
CULVER CITY, Los Angeles Co., Calif.—The Gamewell Co., 1151 S. Broadway, Los Angeles, at $17,900 submitted only bid and awarded a contract by the city council, City Hall, Culver City, Jan. 28, for the furnishing on a five-year lease contact with option to purchase fire alarm equipment. • • • 43

January 31, 1946
BIDS WANTED
ONTARIO, San Bernardino Co., Calif.—Until Feb. 4, 8 P. M., bids will be received by the city council of the City of Ontario, office of the City Clerk, City Hall, Ontario, for furnishing on fire engine pump

Specifications available at above office. • • 43

January 31, 1946
BIDS WANTED
DENVER, Colo.—Until March 19, 2 P M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 1157 for furnishing and delivering fob cars at the shipping point or fob cars at Emmett, Idaho, at the option of the bidder, four vertical-shaft centrifugal pumps, each having a capacity of 125 cu. ft. per second at a pumping head of 92 ft.; and four vertical-shaft, 2,200-volt, 1,750-h.p. synchronous motors of suitable speed and design for direct connection to the above pumps with individual ¼eld-control cubicles for installation in the "C" line Canal Pumping Plant, Payette Division, Boise Project, Idaho. Pumps, motors and feld-control cubicles will be installed by the Government.

The specifications contain a provision for liquidated damages for delay. No charge for copies of the specifications to prospective bona fide bidders; to others, $1.25, not returnable. For particulars, address the Bureau of Reclamation Denver. • • 43

January 31, 1946
BIDS WANTED
CENTRAL VALLEY PROJECT.—Until Feb. 27, 2 P. M., bids will be received by the Department of the Interior, Bureau of Reclamation, Denver, Colo., under Spec. No. 1158 for furnishing and installing electric elevator for Keswick Power Plant, Kennett Division, Central Valley Project.

The Keswick Power Plant is situated on the Sacramento River near Redding.

The elevator will be an electric elevator having a capacity of 3,000 lbs. and will be used primarily for passenger service. The travel will be 67 feet 6 inches.

This invitation for bids does not cover the purchase of materials which are to be furnished by the Government. Materials to be furnished by the contractor and those furnished by the Government are described in the specifications which will be a part of the contract.

Specifications obtainable from the above office. No charge to prospective bidders for copies of the specifications and drawings; to others, $1.50 per copy, not returnable. • • 43

January 31, 1946
BIDS OPENED
PASADENA, Los Angeles Co., Cal. —Westinghouse Electric & Mfg. Co., 420 S San Pedro, Los Angeles, at $668,192.70 submitted low bid on Sch. No. 1, and Allis-Chalmers Mfg. Co., 458 S Spring St, Los Angeles, at $673,889 submitted low bid on Sch. No 2 to the city council of the City of Pasadena, City Hall, Pasadena, Jan. 28, for one steam turbine for the light plant at Glenarm and Raymond Ave. Bids were submitted for (1) one 35,000-kw turbine, and (2) alternate, 40,000-kw. turbine.

Bids were taken as follows:

Schedule 1

(Payments in conformance with paragraph No. 31 of specifications.)
(1a) one 35,000 kw., 13,800-volt, steam turbine electric generator unit and appurtenances, complete, f.o.b. plant site;
(1b) one 3-phase auto transformer to be used with generator;
(1c) one motor-driven spare exciter and pilot exciter, to be used with generator;
(2a) one 40,000 kw. standard steam turbine electric generator unit and appurtenances;
(2b) one 3-phase auto transformer to be used with generator (Item 2a);
(2c) one motor-driven spare exciter and pilot exciter to be used with generator (Item 2a).

Schedule 2

Bid items same as those under Schedule 1, but with the stipulation that payments to be made in different manner from paragraph No. 31 of specifications.

Bids were:

Westinghouse Electric & Mfg. Co., (1a) $668,192.70; (1b) $15,585.12; (1c) $4173.39; (2a) $668,472.45; (2b) $16,571.17; (2c) $4173.39.

Allis - Chalmers Mfg. Co., (1a) $673,889; (1b) $15,448; (1c) $3980; (2a) $652,210; (2b) $16,240; (2c) $3980.

General Electric Co., (1a) $676,725; (1b) $16,713.68; (1c) $4124.60; (2a) $662,537; (2b) $17,699.05; (2c) $4124.60. • 43

January 31, 1946
BIDS WANTED
SAN FRANCISCO—Until February 8, 2 P. M., bids will be received by the U. S. Treasury Department, Procurement Division, 30 Van Ness Ave., San Francisco, under Inv. No. SF-2764-46 for furnishing axes, saws, wedges, wrenches and shears delivered to 650 5th St., San Francisco.

Specifications obtainable from the above office. • 43

January 31, 1946
BIDS WANTED
SA NFRANCISCO—Until February 25, 3 P. M., bids will be received by M. H. Gerry, Purchaser of Supplies, Room 270 City Hall, San Francisco, under Bid No. 3469 for furnishing and delivering to the San Francisco Water Department warehouse at Millbrae, Calif., 3-in., 6-in., 8-in., 24-in., 30-in. and 48-in. flanged gate valves.

A single contract may be awarded for all gate valves required under Items 1 to 11, inclusive; or two separate contracts may be awarded as follows: one contract for Items 1 to 9, inclusive, and one contract for Items 10 and 11.

Specifications obtainable from the above office. • 43

January 31, 1946
BIDS WANTED
SA NFRANCISCO—Until February 11, 3 P. M., bids will be received by M. H. Gerry, Purchaser of Supplies, 270 City Hall, San Francisco, under Bid No. 3468 for furnishing and delivering brake blocks for the Municipal Railway.

Specifications obtainable from the above office. • 43

January 31, 1946
CONTRACT AWARDED
SAN FRANCISCO. — Edward R. Bacon Co., 17th and Folsom Sts., San Francisco, awarded contract by M. H. Gerry, Purchaser of Supplies, 270 City Hall, under Bid No. 3452 for furnishing and delivering two hot material distributors for the Department of Public Works. • 43

January 31, 1946
CONTRACT AWARDED
BOULDER CANYON PROJECT, Arizona-California-Nevada.—Western Gear Works, Seattle, Wash., at $17,640, has been awarded a contract by the Bureau of Reclamation, Denver, Colo., under Spec. 1117 for furnishing and delivering seven 21-ft. 4-in. by 13-ft. 6-in. radial gates with rollers and pin bearings, and seven 15,000-lb. capacity, motor operated, radial gate hoists, complete with accessories for check, All-American Canal System, Boulder Canyon Project, Arizona-California-Nevada. •

WANTED
FOR SALE • FOR RENT
★
USED EQUIPMENT AND MATERIALS

FOR SALE

NEW & RECONDITIONED DIMENSION LUMBER
TIMBERS, wallboards, plumbing, pipe, millwork, and other building materials. SALE PRICES. Large stocks of "hard to get" items.
Wire, write, or 'phone
CLEVELAND WRECKING CO.
2900 Third St. - VAlencia 4977

70-ft. STEEL TOWER, 28 M gal. REDWOOD TANK and two 66-in. x 24-ft. x ⅛-in. STEEL PRESSURE TANKS to be sold as one unit. Located in San Francisco. Must be removed at once. Sacrifice. Write, 'phone or wire for information.
CLEVELAND WRECKING CO.
2800 Third Street, San Francisco
VAlencia 4977 (tf)

FOR RENT

D 8 TRACTORS, with Bulldozers, fully operated. E. Barbettini, 2251 Quesada, S. F. Phone AT. 5182.
to Jan. 31, '46

CLEVELAND TRENCHER, fully operated. F. R. Archibald, LOckhaven 81792. •

WANTED

WORK FOR D 8 TRACTORS, CARRYALLS and TERRA COBRAS. Phone Stockton 66639. tf

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS

Building Permits, $1,000 and Over, Applied For

SAN FRANCISCO COUNTY

ALTER RESTAURANT
423-427 ELLIS STREET.
Owner—Pennebaker, Kentel & Coffman, 423 Ellis St
Builder—S. J. Amoroso Construction Co., 2100 Oakdale Ave.
Architect—Not Given. $8,000
(Application No 85701)

ALTER OFFICE BUILDING
417 MONTGOMERY STREET.
Owner—General Petroleum Corp, 417 Montgomery St.
Builder—Joseph L. Barnes, 752 Folsom St.
Architect—Not Given. $7,000
(Application No 85702)

1-STORY FRAME DWELLINGS (4)
N. SAN LUIS AVE. 104, 78 W. SAN DIEGO; W. ST. CHARLES 68.4, 93.4 N. ALEMANY.
Owner and Builder—Alemany Construction Co., 4277 Mission St.
Architect—Not Given. $5,000 each
(Application Nos 85697 to 85700)

1-STORY FRAME DWELLINGS (4)
N. TIOGA 199, 184, 334, 309 W. ALPHA.
Owner—The Wilder Co., Inc., 2156 San Bruno Ave.
Builder—C. A. Wilder & Son, 2156 San Bruno Ave.
Architect—Not Given. $5,000 each
(Application Nos 85691 to 85684)

ALTER MACHINE SHOP
45 DORE STREET.
Owner—Wells Manufacturing Co., 220 Ninth St.
Builder—Martinelli Construction Co., 44 Mary St.
Architect—Not Given. $1,500
(Application No 85696)

ALTER RESTAURANT
957A EGBERT AVENUE.
Owner—Evo Venturi, premises.
Builder—Day Work.
Architect—Not Given. $1,000
(Application No 85692)

Building Permits, $1,000 and Under, Applied For

SAN FRANCISCO COUNTY

ALTER STORE, $750; 2601 Mission; owner, A Bothin, 287 9th Ave; day work.
ELECTRIC SIGN, $600; 20 O'Farrell; owner, Geo Bronson, 26 O'Farrell; builder, QRS Neon Co, 690 Potrero.
ALTER DISPLAY ROOM, $400; 1828 Taraval St; owner, Jack Richards, prem; builder, Central Home Builders, 1120 Irving St.
ALTER HOME, $400; N Merchant 50 E Battery; owner, Barney Barnard, 138 Erie St; builder, Ed Rosemont, 176 Duboce Ave.
ALTER STORE, $400; 250 Bayshore Blvd; owner, Franzella, premises; day work.
ELECTRIC SIGN, $400; 34 Howard; owner, Dan McCormick, premises; builder, QRS Neon Co, 690 Potrero.
ELECTRIC SIGN, $350; 345 Sutter; owner, Albert Walter, prem; builder, Wonderlite Neon Products Co, 1095 Folsom St.
ELECTRIC SIGN, $325; 1430 Powell; owner, Oakley Lumber Co, prem; builder, Electrical Products Corp, 910 Harrison St.
ALTER DWELLING, $300; 74 Madrone St; owner, W J Peters, prem; builder, American Terrazzo Co, 36 Wood St.
ALTER DWELLING, $300; 1643 32nd Ave; owner, Harold T Walker, 1643 32nd Ave; builder, American Terrazzo Co, 36 Wood St.
ALTER SERVICE STATION, $300; 1600 Mission St; owner, McKale, Inc, prem; day work.
ELECTRIC SIGNS (4), $250 each; Gregory Radio Co, 923 Valencia St (2); Benatar's, 1155 Market St; Larry's Coffee Shop, 4815 3rd St; builder, Apex Electric, 363 Fell St
ALTER STORE, $250; 2930 Octavia; owner, B W Whitmore, 2360 Van Ness Ave; day work.
ELECTRIC SIGN, $200; 1312 Polk St; owners, E and L Emanuel, prem; builder, Neon Maintenance Corp, 755 Davis St.
ALTER HOME, $150; 388 Eureka St; owner and builder, B F Monroe, premises.
ALTER DWELLING, $150; 1708 Lake St; owner, C H Pool Jr, 720 California St; builder, American Terrazzo Co, 36 Wood St.
ELECTRIC SIGN, $100; 3318 24th St; owner, Progressive Radio, prem; builder, QRS Neon Co, 690 Potrero.
ALTER DRESS GOODS SHOP, $100; 2748 Mission St; owner, Mode O' Day, prem; builder, Atlas Pacific Neon Products, 433 11th St.
ALTER FLATS, $100; 69A Woodward St; owner, Mrs Goldman, 1734 Broderick; builder, Leonard Salomon, 1734 Broderick.
ELECTRIC SIGN, $25; 947 Irving St; owner, E Damon, prem; builder, Brite-Lite Neon, 1895 Folsom St.

Building Permits, $1,000 and Over, Applied For

ALAMEDA COUNTY

STORE
2395 SAN PABLO AVE, BERKELEY
Owner—National Sales Co, premises.
Contractor—Elmer J Freethy, 1432 Kearney St, El Cerrito
Architect—Edward Cerruti, 461 Crescent St, Oakland. $22,000

CANDY PACKING PLANT
1712 SAN PABLO AVE, BERKELEY
Owner—A H Chevier, Napa.
Contractor—R F Johnson and Son, 2036 San Pablo Ave
Architect—Not Given. $16,000

WOODWORKING SHOP
803 UNIVERSITY Ave, BERKELEY
Owner—R L Hinds, 1719 Addison.
Contractor—F A Stead, 1991 Center.
Architect—Paul Hammarberg, No 2 Norwood Ave, Berkeley. $9,800

SHOP
3045 HOLLIS ST, BERKELEY.
Owner—Berkeley Sheet Metal, 1050 Folger
Contractor—F A Stead. 1991 Center.
Plans by E O Rusberg $9,500

ALTERATIONS
2041 ASHBY AVE, BERKELEY.
Owner—A Parson, 2041 Ashby Ave.
Contractor—E T Leiter Sons, 811 37th St, Oakland.
Architect—Not Given. $4,200

FOUNDATION
642 VIRGINIA, BERKELEY.
Owner and Contractor—Pure Carbonic, Inc, 642 Virginia.
Architect—Not Given. $1,600

ALTERATIONS
720 CHANNING, BERKELEY.
Owner and Contractor—H A Mulvany, 720 Channing.
Architect—Not Given. $1,500

DWELLINGS, three 1-story 5-room
9010 D St. 844 70th Ave, 945 72nd Avenue, OAKLAND.
Owner and Builder—J M Walker, 1631-D University Ave, Berkeley.
Architect—Paul Hammarberg, No 2 Norwood, Berkeley $4,000 each

ALTERATIONS and Repairs
1351-57 E 38th ST, OAKLAND.
Owner and Contractor—Bruce Holman and H L Winsar, 3816 Park.
Architect—Not Given. $2,000

ALTERATIONS
5733 SAN LEANDRO St, OAKLAND
Owner—Ball Canning Co, premises.
Contractor—Stolte, Inc, Bank America Bldg.
Architect—Not Given. $6,800

ALTERATIONS & ADDITION
2625 SHORT STREET, OAKLAND.
Owner and Contractor—Earl McCord, 2625 Short Street.
Architect—Not Given. $1,450

APARTMENTS, 2-story 10-room
2767-69-71 76th AVE, OAKLAND.
Owner and Builder—Nels Gustafson, 8234 Ney Avenue.
Architect—Not Given. $10,000

SHED, lumber framing
2225 FREDERICK ST, OAKLAND
Owner and Builder — Timer Structures, 942 Mills Bdg, San Francisco
Architect—Not Given. $4,500
Office Bldg, $500.

ADDITION
3908 PARK BLVD, OAKLAND.
Owner—Jos H Roper, premises.
Contractor—A Granzotto Constr Co, Concord.
Architect—Not Given. $1,800

ALTERATIONS
856 84th ST, OAKLAND.
Owner—Laura Mason, premises.
Contractor—J V Adams, 744 65th St.
Architect—Not Given. $1,200

PERMITS UNDER $1,000

ALAMEDA COUNTY

BERKELEY

ROOFING, $920; 2600 Durant; owner, Hotel Durant, prem; contractor, John T Morris, 2015 Blake St.
ROOFING, $585; 2569-72 Shattuck Avenue; owner, T B Neilsen, 2569 Shattuck; contractor, Elliott and Elliott, 2336 Market St, Oakland.
COALING SHED, $500; NW Corner Eastshore and University; owner and builder, E A Wettan, 2321 8th.
ALTERATIONS, $400; 758 Contra Costa; owner, D V Rosa, premises; contractor, Valary & Wilson, 2134 Parker.
ROOFING, $400; 2032 Hearst; owner, Mary M Kellogg, prem; contractor, Evertite Rfg Co, 2309 Milvia.
ROOFING, $360; 906 Indian Rock; owner, Dr R Brady, prem; contractor, W R Crowe, 6818 Cutting Blvd, El Cerrito.
REPAIRS, $287; 1775 LeRoy; owner, C H Woessner, 1207 Kirkham St, Oakland; contractor, Berandsen Rfg, 1867 15th St, San Francisco.
ROOFING, $272; 2536 Grant; owner, J E Dunn, premises; contractor, John L Morris, 2015 Blake.
ALTERATIONS, $200; 2519 Hillegass owner, Col J E Wyke, premises; contractor, C C Orth & Co, 1821 Addison.
ALTERATIONS, $200; 3131 Ellis St; owner and contractor, G Palmer, 3131 Ellis.
ROOFING, $168; 2341 Stuart; owner, W W Redmond, premises; contractor, Dillon Rfg Co, 5212 San Pablo Ave, Oakland.
ROOFING, $161; 1276 University; owner, S B Sequira, prem; contractor, Sears, Roebuck, 2633 Telegraph Ave, Oakland.
ROOFING, $160; 1994 Marin; owner, J T Sparer, prem; contractor, W R Crowe, 6818 Cutting Blvd, El Cerrito.
ROOFING, $123; 1527 Grant; owner, J O Gendrom, prem; contractor, Malott & Peterson, 49th and Shattuck Ave, Oakland.

OAKLAND

SIGN, cloth, $7; wood, $25; 5424 Foothill Blvd; owner and contractor, G A McNeil, 728-30 Central Ave, Alameda.
ALTERATIONS, $400; 1434 35th Ave owner, Dr Fenton Parker, prem; contractor, George R Wright, 258 Haas Ave.
REPAIR fire damage, $80; 166 Santa Clara Ave; owner, W T Reid, Jr, premises; contractor, James Bond. Lafayette.
ALTERATIONS, $125; 1125 9th Ave; owner and contractor, G O Bennett, 900 E 11th St.
PEST CONTROL, $170; 3106 Champion St; owner, H N Duffy, 5225 Foothill Blvd; contractor, Wayne K Davis, 2041 University Avenue, Berkeley.
ADDITION, $700; 6329 Mtn Blvd; owner and builder, ohn Radergard, 6329 Mtn Blvd.
REPAIR fire damage, $48; 714 25th St; owner and contractor, Mrs L Schaller, 674 Rosal Ave.
ADDITION, $300; 220 Lee Street; owner, A Gideon prem; contractor, F A Younger, 2334 38th Ave.

BURLINGAME

RESIDENCE, $13,000; Lot 11, Block 14, Burlingame and Clarenden Rd; owner, Abe Plotkin; builder, Custom Built Homes.
2 APT. GARAGES, $7000; 19 Highland; owner and builder, M N Cabral, 19 Highland Ave.
RESIDENCE, $6000; Lot 17, Block 14, Dwight; owner and builder, J C Eilers.
RESIDENCE, $6000; Lot 4, Block 14, Clarenden; owner and builder, J C Eilers.
ALTER AND REPAIR, $2000; 217 Myrtle Rd; owner, Mrs M Daley; builder, J Harris.
REBUILD GARAGE, $300; 700 Acacia; owner and builder, A E Gray, 2510 Sunset Blvd, Los Angeles.

PALO ALTO

RESIDENCE AND GARAGE, $10,500; 120 Harriet Ave; owner, A D Johnson, Los Altos; builder, W P Goodenough, 49 Wells Ave; plans by W S Proctor, 49 Wells Ave.
RESIDENCE AND GARAGE, $10,400; 456 Southampton; owners, Ira and Ada Thatcher, 1202 Fulton St; builder, Evald Lndholm, 101 Chiquita Ave, Mt View.
RESIDENCE AND GARAGE, $8750; 1650 Bryant St; owner, E M Frost, 215 Lowell Ave; builder, Aro & Okerman, 1160 Fulton St; plans by W H Schwafel, 171 University Ave.
RESIDENCE AND GARAGE, $8750; 707 Oregon Ave; owner, Helen van Buskirk, San Francisco; builder, Coastwise Construction Co, 2499 Middiefield Rd; architect, W E Huson, 475 24th Ave.
MOVE and RECONSTRUCT HOUSE, $4500; 333 Stanford Ave; owners and builders, K W and W Croy, 290 California Ave.
MOVE and RECONSTRUCT HOUSE, $4500; 545 Birch St; owners and builders, K W and W Croy, 290 California Ave.
RESIDENCE AND GARAGE, $4500; 723 Oregon Ave; owner, Helen van Buskirk; builder, Coastwise Construction Co; architect, W E Huson, 475 24th Ave.
ALTER GARAGE, $250; 275 California Ave; owners and builders, J and H McFall, 275 California Ave.

SAN JOSE

OFFICE BUILDING, $6000; 519 Emory; owner, Magneson Engineers; builder, W W Hartell, 863 S 10th St, San Jose.
4-ROOM RESIDENCE, $5000; 1285 Curtiss Ave; owner and builder, John Rania.
REPAIR BUILDING, $3000; 385 W Santa Clara St; owner, Ross Fish Market; builder, Al Bolei, 154 Vine St, San Jose.
4-ROOM RESIDENCE, $300; 450 N 18th St; owner and builder, Ada Hayes.
ALTER RESIDENCE, $1000; 295 N Autumn; owner, David Noonan; builder, Ed Delmaestro, 460 W Julian, San Jose.

FRESNO

DWELLING AND GARAGE, $6000; 5013 Fillmore; owner, W E Holt; builder, Holt & Miller.
DWELLING AND GARAGE, $4000; 1953 S 4th; owner, Jas A Autrey Jr.
ADD TO STORE, $3000; 106 Whites Bridge; owner, Daniel A Maggiore.
ADD TO DWELLING, $1000; 154 Kearney; owner, Jos R Ochinero; builder, W C Carpenter.
REPAIR PRINT SHOP, $1000; 393 N Fresno; owner, Ernest Felton; builder, Elmer Penner.
ADD TO DWELLING, $475; ....; owner, Helen Cullen; builder, Chas R Tilden.
ADD TO DWELLING, $300; 3404 McKenzie; owner, Setrak Messerlain.
ADD TO GARAGE, $50; 725 Belmont; owner, C H Staples.
-5 an—HmeG shrdlu shrdlu shrd

Building Permits, $500.00 and Over, Issued by the Board of Public Works SAN FRANCISCO COUNTY

JANUARY 30, 1946

NW Pope St 21 W Prague; North Prague 234, 294 W Curtis; three 1-story frame dwellings; cost $5750 each; owner, Peninsula Bldg Co.

SE Cor 26th Ave and Quintara; S Quintara 95, 120 E 26th Ave; SW Cor 25th Ave and Quintara; four 1-story frame dwellings; cost, $5300 each; owner, Atlas Realty Co.

N Tioga 249, 274, 299, 324 E Rutland; four 1-story frame dwellings; cost, $5300 each; owner, Wolder Co.

125 Rhine St; alter dwelling; cost, $1000; owner, C J Boux.

240 Bowdoin St; alter dwelling; cost, $1000; owner, Rev A E Samer for Nazarene Church.

2630 15th Ave; alter dwelling; cost $1290; owner, John G Wollachleuger.

E 25th Ave 200, 225, 250, 275, 300, 325, 350, 425, 450 S Quintara; W 24th Ave 225, 250, 275, 300, 325, 350 South Quintara; 15 1-story frame dwellings; cost, $5300 each; owner, Atlas Realty Co.

235 25th Ave; alter flats; cost, $500; owner, E M C Kurtz.

1027 Market St; alter store; cost, $900; owner, August Drucker.

1666 Wallace Ave; alter dwelling; cost, $1000; owner, A Garibotto.

120 Vale St; alter dwelling; cost. $2000; owner, D J Shaw.

NE Cor Head and Randolph; East Head 25, 50, 75 N Randolph; four 1-story frame dwellings; cost, $5500 each; owner, Sterling Bldg Co.

S Market St 147 S Dolores Street; one-story frame bldg and parking lot; cost $3500; owner, S & C Motors.

1262 Post St; alter store; cost, $500; owner, Walcrest Corp.

486 Ellis St; alter bar; cost, $2000; owner, Mr Williams.

565 Pacific Ave; alter restaurant; cost, $500; owner, Peter J Zevas.

2601 Mission St; alter store; cost, $750; owner, A Bolkin.

BUILDING CONTRACTS

SAN MATEO COUNTY

ADDN to school, reinforced concrete.
ELGEMONT SCHOOL, San Bruno.
Owner—San Bruno Elementary Sch Dist, San Bruno.
Architect—Masten & Hurd, 407 Sansome St, San Francisco.
Contractor—Peter Sartorio, 262 Clementina St, San Francisco.
Filed, Jan 21, '46. Dated Jan 16, '46.
Progress payments of........................75%
Usual 35 days..25%
TOTAL COST, $81,568.00
Bonds (2) $81,568, $40,784; sureties, General Casualty Co. of America; forfeit, $25 per day. Plans and specifications filed.

Plumbing Permits

BERKELEY

810 Carlton; owner, Colgate-Palmolive-Peet; dealer, R D Tearey; 10 water closets; 13 wash basins; 8 drinking fountains; 10 sinks; 4 urinals; 11 showers.

1710 Thousand Oaks; owner, ...; dealer, Wm Storck; sprinkler system.

1614 Parker; J M Walker; dealer, J A Fazio; water closet; wash basin; bath tub; sink; wash tub.

640 Colusa; owner, R E Honnald; dealer, W H Picard; sink.

1630 Channing; owner, Anderson; dealer, Chas W Knight; sink.

2436 Durant; owner, H F Austin; dealer, Henry Lass; 2 wash basins.

1799 University; owner, A J Acheson; dealer, J H Jevans; 2 water closets; 2 wash basins.

1104 Tenth; owner, T M Liner; dealer, Richmond Plumbing; water closet; wash basin.

2844 Telegraph; owner, Dr Near; dealer, Richmond Plumbing; water closet; 3 wash basins; 3 sinks.

1811 Tenth; owner, L A Ringelman; dealer, Richmond Plumbing; water closet; wash basin; bath tub; wash tub.

Completion Notices

SAN FRANCISCO COUNTY

Recorded Accepted
Jan 24, 1946—2384-86 and 2388-90 16th Ave. Chris D McKeon to whom it may concern..............January 24, 1946
Jan 30, 1946—W 43rd AVE 150 S Moraga S 25 x W 120. Superior Bldg Co to whom it may concern..............January 30, 1946
Jan 30, 1946—E 42nd AVE 50 N Lawton N 25 x E 95. Superior Bldg Co to whom it may concern..............January 29, 1946
Jan 30, 1946—W 43rd AVE 175 S Moraga S 25 x W 120. Superior Bldg Co to whom it may concern..............January 30, 1946

SAN MATEO COUNTY

Recorded Accepted
Jan ...., 1946—LOTS 7 and 8 Blk 17, Belle Haven. Francis L Newton to D D Bohannon Organization.........January 21, 1946
Jan 21, 1946—PTN LOT 29, Taylor Addn, San Mateo. D A Ruybold to Gould Constr Co.......Jan 14, 1946
Jan 22, 1946—LOTS 5 and 6, Highland Terrace. Lester W Oakley et al to H V Cowan.......Jan 15, 1946
Jan 22, 1946—PTN LOT 31 Blk 46, White Oaks. Herbert D Murphy etc to P J Murphy.......Jan 21, 1946
Jan 22, 1946—LOT 2 Blk 18, Baywood. Melville W Baker, etc to Irving Castor.........January 21, 1946
Jan 23, 1946—LOTS 35, 36 and 37, Blk 9, San Bruno Park. Alice E Doyle to Coast Bldg Co..........January 21, 1946
Jan 23, 1946—LOT 22 Blk 1, North Palo Alto. James Marien to H H Weiner.............January 23, 1946
Jan 23, 1946—PTN LOT 3, McAker Tract. Arthur E Minzen, etc to Geo Arthur & Sons.......Jan 23, 1946
Jan 24, 1946—LOT 1 Blk 24, San Mateo Terrace. Quality Home Bids to Peninsula Home Bldrs..........January 24, 1946
Jan 24, 1946—LOT 11 Blk 25, San Mateo Terrace. Lloyd F Masch to Peninsula Home Builders..........January 23, 1946
Jan 24, 1946—PTN LOTS 7 and 8, Block 7, Blossom Heath Manor. Robert S DeMoulin, etc to John R Lindsay..............January 24, 1946
Jan 24, 1946—LOTS 9 and 10 and Lot 1 and ptn Lot 2 Blk 1, Redwood Villa Park. Currie Mfg Co to Peter Sorensen (2)..........January 16, 17, 1946
Jan 21, 1946—LOT 8 Blk 35, Hayward Addn, San Mateo. Gunnar Bostrom etc to whom it may concern..............January 18, 1946

Non-Responsibility

SAN FRANCISCO COUNTY

Jan ...., 1946—N VALLEJO 157-6 W Stockton. Emile J and Louise A Pierron as to improvements on property.

Liens Filed

SAN FRANCISCO COUNTY

Recorded Amount
Jan 29, 1946—W KIRKWOOD Ave and Mendell NW 76 SW 99.75 SW alg Lot 77 10621 NW 26.49 NE 97.47 SE 25; NE La Salle Ave being most Nly cor land conveyed by John M Segrue to C and C of San Francisco NE 88.539 SE 25 SW 97.47 NW 26.49. Atlas Htg & Vent Co, Ltd vs Pio and Lidia Stefanuto and Charles E Daly $261.00

Electrical Permits

SAN FRANCISCO COUNTY

8134 1560 California; owner, Cal Music House; contractor, Weber-Conroy; ....

8135 340 3rd St; anwer, S Pistora; contractor, John Philis; 7 outlets; 2 switches; motors.

8136 S Monterey Blvd 160 East Edna; owner. Hansen; contractor, M Schimetschek; ....

8137 2352 Lombard; owner, Borni; contractor, M Schimetschek; alter.

8139 1054 Pacific; owner, H S Elsbery; contractor, American Elec Constr Co; alterations.

8140 206 6th St; owner, N Manndakes; contractor, American Electric Constr Co; 1 plug.

8141 127 Lombard St; owner, ...; contractor, Kennedy Elec Co; motors.

8142 690 12th Ave; owner, ...; contractor, Kennedy Elec Co; motors.

8143 1355 Market St; owner, Clay Estes; contractor, Old S F Electric Co; 4 outlets; 2 switches.

8144 340 Pine St; owner, ...; contractor, Pacific Elec & Mech Co; 44 outlets; 3 switches; 4 plugs.

8145 95 Minna St; owner, Gross; contractor, Assoc Elec & Mech Co; 1 plug; motors.

8146 682 Mission St; owner, Theisar Mfg Co; contractor, Assoc Elec & Mech Co; 1 plug; 12 outlets.

8147 2609-11 24th St; owner, Municipal Railway; contractor, Department of Public Works; 4 outlets; 2 switches; 2 plugs; alterations.

8148 E 15th Ave 100 N Quintara; owner Doelger; contractor, Richmond Electric; service.

8149 3055 Clement St; owner, D Trevizan; contractor, G Vaccarino; motors.

8150 853 Van Ness Ave; owner, ...; contractor, QRS Neon Co; sign.

8151 49 Main St; owner, Photo & Sound; contractor, Dowd-Seld Electric; alterations.

8152 50 Turk St; owner, Brayton Hotel; contractor, Dowd-Seid Electric; 1 outlet.

8153 65 Market St; owner and contractor, Southern Pacific Co; 18 outlets.

8154 65 Market St; owner and contractor, Southern Pacific Co; 74 outlets.

8155 527 Folsom; owner, Spudette Co; contractor, Atlas Electric & Eng Co; motors.

8156 1715-17 Lyon St; owner, McQueen; contractor, Byington Electric Co; 1 outlet; 11 plugs; service.

8157 357 Geary St; owner, ...; contractor, Weldenthal-Gosliner Electric Works; ....

8158 131 Mission St; owner, ...; contractor, Weldenthal-Gosliner Electric Works; motors.

8159 353 Market St; owner, San Francisco Cash Register Co; contractor, Golden Gate Electric; ....

8160 349 Market St; owner, ...; contractor, Golden Gate Electric Co; ....

8161 389 Bay St; owner, Veneto Restaurant; contractor, Golden Gate Electric Co; ....

8162 2630 15th Ave; owner, ...; contractor, Golden Gate Electric Co; ....

OAKLAND

35147 518 Broadway; owner, Intercity Express; contractor, Matson Electrical; 1 Janitrol heater.

35148 5506 Telegraph; owner, Van Bokkelen; contractor, Roberts Lighting Fixture; fire repairs.

35149 3765 Webster St; owner, Van Bokkelen; contractor, Roberts Lighting Fixture Co; fire repairs.

35150 1020 Franklin St; owner, Larsen; contractor, Electric Novelty Shop; alterations.

35151 700 7th St; owner, Vancoucellos; contractor, Electric Novelty Shop; fixtures; alterations.

35152 629 Oakland Ave; owner, Cornwall; contractor, Spott Electrical; service; alterations.

35153 opposite 1001 81st Ave; owner, Peterson & Son; contractor, Spott Electrical; temporary service.

35154 5801 E 14th St; owner, Silva; contractor, Spott Electrical; sign.

35155 406 MacAuley St; owner, Ferguson; contractor, Spott Electrical; plugs; alterations.

35156 1430 Franklin St; owner, Oakland Federal Savings & Loan; contractor, Spott Electrical; 5 fixtures.

35157 2935 Telegraph Ave; owner, Leiter & Son; contractor, Spott Electrical; alterations.

35158 NW 16th and Telegraph; owner, Kaiser Co; contractor, Spott Electrical; fixtures.

35159 14th and Kirkham; owner, Carnation Milk Co; contractor, Enterprise Electric Co; 39 outlets; 10 switches; 16 plugs.

35160 2814 Truman; owner, Havolitz; contractor, Johnston Electric; service.

35161 1404 Franklin St; owner, Insurance Bldg; contractor, Oakland Electric Shop; alterations.

35162 2419 Broadway; owner, Typewriter Doctor; contractor, Oakland Electric Shop; sign.

35163 6768 Thornhill Dr; owner, Quirk; contractor, Paramount Electric Co; outlets; switches; fixtures; plugs.

35164 3647 Laurel Ave; owner, Reinhardt; contractor, Clifford Electric Co; outlets; switches; fixtures; plugs; alterations.

35165 2926 Foothill Blvd; owner, Church; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35166 449 30th St; owner, Paxman; contractor, Clifford Electric Co; outlets; switches; fixtures; plugs.

35167 2030 103rd Ave; owner, Reinhardt; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35168 2754 Park Blvd; owner, Ungarettl; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35169 NE Brunell and Robinson; owner, Ungarettl; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35170 3634 E 14th St; owner, Shearer; contractor, Clifford Electric Co; outlets; switches; fixtures; plugs.

35171 425 Foothill Blvd; owner, Central French Laundry; contractor, T L Rosenberg Co; motors.

35172 2319 38th Ave; owner, Wilson; contractor, R F Long; 8 outlets; 8 switches; 8 fixtures; 8 plugs.

35173 4418 E 14th St; owner, Gardner; contractor, R F Long; 27 fixtures.

35174 7800 E 14th St; owner, 78 Club; contractor, R F Long; alterations.

35175 1209 Broadway; owner, Rogers; contractor, T L Rosenberg Co; 3 outlets; 3 fixtures.

35176 1249 49th Ave; owner, Van Der Haeghen; contractor, T L Rosenberg Co; motors.

35177 2868 Hannah St; owner, Butler Co; contractor, T L Rosenberg; outlets; switches; fixtures; plugs.

35178 SW 103rd Ave and Byron; owner, Drinkward; contractor, T L Rosenberg; alterations.

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Fully Equipped
Brockway Line Truck
V. G. ELECTRIC CO.
330 SEVENTH ST., RICHMOND
Phone RICH. 4710

BERKELEY

65541 1522 Spruce St; owner, T Shultz; contractor, Aarvoks; 1 motor.

65542 651 Addison; owner, ...; contractor, Pacific Electric Motor Co; circuit; 1 motor.

65543 615 Hearst; owner, Pacific Guano; contractor, Pacific Electric Motor; 5 motors.

65544 2850 Seventh; owner, Hall-Scott Motor Co; contractor, Pacific Electric Motor; 56 outlets; 7 switches; 42 fixtures; 7 plugs; 7 circuits.

65545 729 Carlton; owner, Cutler Laboratory; contractor, Pacific Electric Motor; 1 motor.

65546 2646 Eighth; owner, Johnson Gear; contractor, Pacific Electric Motor; circuit; 3 motors.

65547 Eastshore and University (yacht harbor); owner, Ed Welton; contractor, Thos Griffith; 1 motor.

65548 2131 Center; owner, ...; contractor, Scott-Buttner; 2 outlets; 2 fixtures.

65549 1514 Fairview; owner, Martin; contratcor, Conrad Electric; 2 outlets; 2 switches; 2 fixtures; 2 plugs; 1 circuit.

65550 2409 College; owner, ...; contractor, Service Heat & Power; 1 transformers.

65551 917 The Alameda; owner, Dr Sleeper; contractor, Fred Schmitts; 20 outlets; 15 switches; 22 plugs; 1 motor.

65552 1827 Second; owner, Pacific Guano; contractor, Fred Schmitts; 23 outlets; 40 fixtures.

Classified Advertising

HELP WANTED

SUPERINTENDENT
ESTIMATOR
STOREKEEPER

The above three permanent positions open with large electrical contractor. State experience, ability and furnish references. Reply Box 123, c/o Daily Pacific Builder.
to Jan. 31, '46

WANTED

General Contractor wants FIRST-CLASS ESTIMATOR State experience, references and salary expected. Reply Box 131, c/o Daily Pacific Builder. to Feb. 5, 1946

ESTIMATOR with Building exp. or Engineering training. State previous exp. and education. Good future for ambitious young man. Reply Box 130 c/o Daily Pacific Builder.
(tf)

EXP. ESTIMATOR for General Contractor, figuring industrial buildings. Location, Sacramento. Perm. Salary open. Write full particulars. P. O. Box 2071, Sacramento.
(to 2/4/46)

ARCHITECTURAL DRAFTSMAN wanted. A-1 man. Working drawings and details. General work, schools and public buildings. Long Job. Write details and salary expected. F. T. Georgeson, P. O. Box 55, Eureka, Calif. Phone Eureka 394.
(to 2/4/46)

BLDG. CONSTR. SUPT., good future. State experience and references. Reply Box 16, c/o Daily Pacific Builder. tf

POSITION WANTED

Experienced ARCHITECTURAL DRAFTSMAN wants part-time work. Expd. in making sketches, floor plans, working drawings, details, etc., for residential, commercial or industrial work. Reply Box 121, c/o Daily Pacific Builder. 1/29-30-31/46

Man with MARINE ENGINEERING EXP. wants position in boiler room and mechanical maintenance. Phone WEst 9361. (1/31, 2/1, 4/46

9-10—EDUCATIONAL BUILDINGS

January 29, 1946

COMPLETING PLANS

BOULDER, Colo.—Architects Trautwin & Howard, 1411 Walnut St., Philadelphia, Pa., and Associate Architect T. H. Buell & Co., 730 14th St., Denver, Colo., care of Henry Staub, on the campus, Boulder, Colo., are completing working drawings in the Boulder office for construction of a 4-story stone dormitory building at Boulder, Colo., for the University of Colorado, Boulder; estimated cost, $700,000. 9-10

January 29, 1946

CONTEMPLATED SCHOOLS

PORT ORCHARD, Kitsap Co., Wash.—A. L. Van Watson, Kitsap County superintendent of schools, has announced the following building program at a total estimated cost of $5,423,000:

North Kitsap District — Poulsbo, District No. 400, $600,000 expenditures planned for two grade schools and an auditorium. A. C. Erickson, school superintendent. Architects, Naramore, Bain, Brady & Johanson, Dexter Horton Bldg., Seattle.

Silverdale — $1,200,000 planned for high school, junior high school and two auditorium-gymnasiums, District No. 407. Carl Jennie, school superintendent. Architect, Naramore, Bain, Brady & Johanson, Dexter Horton Bldg., Seattle.

South Kitsap—$300,000 for auditorium connected to high school. Architect, Fred B. Stephen, Smith Tower, Seattle.

Bremerton—$2,500,000 to be spent for several auditoriums, one or two grade schools, gymnasiums and recreation center; $823,000 raised for addition to high school and new junior high school. Architect, William Mallis, Lyon Bldg., Seattle.

The project has been submitted for approval of state funds 9-10

January 29, 1946

FUNDS AWARDED

LOGAN, Cache Co., Utah.—David Tarbet, clerk, Board of Education, Logan city school, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $840 will be furnished the school district for the purpose of assisting in the preparation of plans for constructing a two-story addition to the Whittier School to include an auditorium-recreation room with lunchroom and kitchen, and $1000 furnished for constructing an auditorium - recreation room, lunchroom, kitchen and one classroom at Wilson Elementary School. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $23,400 and $28,400, respectively, to be furnished from available cash and other funds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

H. C. Jessen, located at Salt Lake City, Utah, is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Utah.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available 9-10

January 30, 1946

FUNDS AWARDED

BURBANK, Los Angeles Co., Calif. —H. I. Stites, city manager, City of Burbank, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $23,885 will be furnished the City of Burbank for the purpose of assisting in the preparation of plans for constructing a warehouse, electric, machine, blacksmith shops and garage, carpenter and paint shops and loading docks, and additional water facilities consisting of a booster pumping plant and 5MG intermediate water reservoirs, and water main extensions in the Valley section, Mariposa St., Chandler Blvd., Scott Rd., Peyton Ave. and Andover St., Main St., Clark and Jeffries Aves., Sixth St., Alameda and Elmwood Aves. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $694,635, to be furnished from income of the operations of the municipal water and electric departments. The funds made available through the Bureau of Community Facilities of Federal Works Agency are to be repaid without interest when the construction begins.

Wright L. Felt, located at Los Angeles, Calif., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Southern California, and Public Service Department engineers of the City of Burbank will make the final plans.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 12-13

January 29, 1946

FUNDS AWARDED

FAIRFAX, Marin Co., Calif.—E. A. Goertz, Trustee, Fairfax Elementary School District, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $4250 will be furnished the Fairfax Elementary School District for the purpose of assisting in the preparation of plans for constructing five classrooms, including lavatories, storeroom, health and administration; cafeteria building, including fully equipped kitchen; equipment classroom building; equipment cafeteria on the Fairfax School site. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $100,000, to be furnished from available cash, tax receipts and other funds. The funds made available through the Bureau of Community Facilities of Federal Works Agency are to be repaid without interest when the construction begins.

Wright L. Felt, located at Los Angeles, is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Southern California, and Frank Wynkoop is the architect for the School District, to make the final plans.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 9-10

January 28, 1946

FUNDS AWARDED

LOGAN, Cache Co., Utah.—David Tarbet, clerk, Board of Education, Logan city schools, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $840 will be furnished the school district for the purpose of assisting in the preparation of plans for constructing a two-story addition to an existing school to include an auditorium-recreation room with lunchroom and kitchen. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $23,400, to be furnished from availabel cash and other funds. The funds made availabel through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

H. C. Jessen, Salt Lake City, Utah, is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Utah.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 9-10

January 28, 1946

FUNDS AWARDED

SANTA MARIA, Santa Barbara Co., Calif.—Robert Bruce, District Superintendent of Schools, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, that funds to the amount of $17,300 will be furnished the Santa Maria School District for the purpose of assisting in the preparation of plans for construction of an addition to the present El Camino School consisting of band, orchestra and vocal music room, approx. 8,000 sq. ft., and additional sanitary facilities; and construction of eight new classrooms, administration and cafeteria with approx. 12,000 sq. ft. of floor area. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $194,000, to be furnished from general obligation bonds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

Wright L. Felt, located at Los Angeles, is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Southern California. The architect for the school district has not yet been selected.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available 9-10

January 29, 1946

FUNDS AWARDED

SOUTH PASADENA-SAN MARINO, Los Angeles Co., Calif.—Roy E. Simpson, superintendent, South Pasadena-San Marino High School District, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $12,500 will be furnished the school district for the purpose of assisting in the preparation of plans for constructing an addition to the high school consisting of commercial, homemaking and administrative departments on the first floor and library and study hall on the second floor. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $300,000, to be furnished from available cash and general obligation bonds. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

Wright L. Felt, located at Los Angeles, Calif., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Southern California, and Marsh, Smith & Powell, Los Angeles, Calif., are the architects for the school district to make the final plans.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available. 9-10

January 29, 1946

BIDS WANTED

MONTEBELLO, Los Angeles Co., Calif.—Until February 7, 1 P. M., new bids will be received by Montebello Unified School District, George M. Schurr, business manager, 1600 Whittier Blvd., Montebello, for construction of six one-story wood frame school buildings at the Rosewood Park Elementary School, Eastland Ave. and Anaheim-Telegraph Rd., Montebello. 9-10

January 29, 1946

ARCHITECT SELECTED

WHITTIER, Los Angeles Co., Cal. —Architect Wm. H. Harrison, 914 Architects' Bldg., 816 W 5th Street, Los Angeles, has been authorized to proceed with working drawings for the construction of a 2-story frame and stucco building to be named Lou Henry Hoover Memorial Hall, for the Whittier College, Whittier. The structure will contain 11 classrooms and two lecture rooms and will be L-shaped, with the main portions two stories and basement, the wing one-story; shingle tile roof, asphaltic tile floors, acoustic tile, painting, plastering, plumbing, electrical work. 9-10

January 29, 1946

PRELIMINARY PLANS PREPARED

GLENDALE, Los Angeles Co., Cal. —Architect George R. Postle, 1900 Melwood Drive, Glendale, has prepared preliminary plans for the construction of an addition to the Mark Keppel school on Virginia Avenue, Glendale, for the Glendale Unified School District. The work will consist of adding 21 classrooms, two kindergartens, offices and toilets and a new assembly building to seat 400 students. The construction will be reinforced concrete. 9-10

January 29, 1946

PREPARING PRELIMINARY PLANS

PASADENA, Los Angeles Co., Cal. —Architects Cyril and Robt. E. Bennett, 155 N. Raymond Ave., Pasadena, are preparing preliminary plans for the construction of a two-story and basement student union building on the campus of the Pasadena Junior College, on East Colorado Street, Pasadena, for the Pasadena Board of Education. It will be of reinforced concrete construction, composition roofing, hardwood floors, student offices, cafeteria, steam tables. Cost has been roughly estimated at $300,000. 9-10

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PLANS and Speculations

Immediate dismantling of all public dormitories for single war workers in the bay area for transfer to smaller communities thruout central California, has been announced by the FPHA. The dormitories will be erected as family dwelling units in areas where the housing situation is more acute. As announced in the "Builder" recently, such work will be handled by the following San Francisco contractors, with whom contracts have been signed by the FPHA: M. & K. Corp., Daley Bros., and Robert McCarthy Company.

oOo

Clyde Griffin, RICHMOND real estate broker, has announced plans for construction of a new $72,000 building to house the United States Employment Service, according to Griffin. R. J. Stemple, Richmond contractor, is in charge of construction of the new business building, to be located near 23rd Street and Bissell.

oOo

CONCORD has plans for several new projects: a preliminary survey has been made for a two-story office building to be constructed by Sylvester and San Enea at Salvio and Grant Streets. An expenditure of $40,000 is contemplated. . . . V. Savagnino and C. Garibotti will soon start construction of a reinforced concrete building costing $30,000 at the corner of Willow Pass and Colfax. It will be occupied by a market and grocery store. . . By March 1 a 3-apartment building and duplex on School Street, at East and Park Streets will be started by A. P. Dudley, building contractor. . . Planned almost two years ago and postponed until building materials became available, the new Greyhound Bus Lines depot, to be built at the corner of Grant Street and Concord Blvd., will soon be ready to go out for bids. The modern depot will cost an estimated $20,000.

oOo

Construction of a $30,000 building at OAKLAND Airport for expansion of activities by Pacific Airmotive Corporation was authorized by the Board of Port Commissioners. The building, 48x110 feet, will be erected by the Port of Oakland.

Engineers Report Destruction of Navy Hangars Due to Unprecedented Wind Load

Collapse of the three Navy "blimp" hangars during the recent Florida hurricane was caused by a wind load exceeding two-and-a-half times that for which the structures were designed, states a joint report, approved for publication by the Navy, and delivered before the 30th annual meeting of the Building Officials Conference of America by Frank J. Hanrahan, structural engineer of the National Lumber Manufacturers' Association.

Also concurring in the findings were Verne Ketchum and J. F. Haldeman, Timber Structures, Inc.; F. A. Hartman and R. C. Bastress, Protexol Corp.; R. H. Bescher of the Wood Preserving Division, Koppers Company, Inc., and Henry Garnjobst, Jr., American Lumber & Treating Company. These seven technical men, who examined the destriuction at the site immediately after the hurricane, made every effort to collect and correlate all available, reliable data.

In his preliminary remarks, Hanrahan pointed out that, as in the case of the Knickerbocker Theatre, Cocoanut Grove Club, and Tacoma Bridge disasters, many important lessons may be learned from such mishaps.

High points of the joint report are:

1. Each of the three hangars, having exterior dimensions of approximately 300 feet width, by 1,060 feet length, by more than 180 feet height, with no interior partitions, collapsed separately during the peak, or near peak, winds of the hurricane.

2. Intense, sustained fires, exceeding 2,000 deg. F., were started and fed by the contents of each hangar separately following collapse. The 25 "blimps", 366 airplanes, and 150 automobiles housed in the hangars contained large quantities of high octane gasoline believed ignited by electrical shorts or sparks caused by aircraft batteries, metal parts of planes, concrete floors or electrical circuits being struck by falling timbers with metal fastenings.

3. Although U. S. Weather Bureau reports over a period of 33 years showed the extreme wind velocity (fastest mile of wind) measured at Miami to be 96 m.p.h., the structures were designed to resist a wind of 110 m.p.h. Available meteorological data indicate the winds during the September 15, 1945, hurricane exceeded 175 m. p. h. at the Richmond Naval Air Station. It would be unreasonable to except the structures to withstand the high overload imposed and the failure may be considered an "Act of God".

4. No evidence of faulty design, materials, treatment, fabrication, erection or maintenance was found.

5. Even though untreated interior portions of the wood members were often exposed by breakage in falling from great heights,, the fire-retardant treatment of the wood prevented or assisted in preventing fire and spread of fire where the fire was not fed directly by the highly combustive contents of the buildings, such as high-octane gasoline. There was no spread of fire to other buildings on the base in spite of the high winds, and the fire-retardant treated wood did not itself support combustion.

6. The timber connectors found on the site were of specified size and type of standard make. No evidence of failure of connectors or bolts was found.

A copy of the 19-page report is on file at the offices of the "Builder".

GROOVER AND I

ARMY DISCOVERS MOON

The U. S. Army Signal Corps, using radar, has verified the existence of the moon and mention has been made of shooting a radio-controlled robot bomb to see what would happen.

★ ★ ★

Interesting, but not news. When Dewey took over from the Spanishers in Manila,, ground forces fanned out covering all approaches to prevent counter-attack.

★ ★ ★

A battery of field artillery made a forced march of about 10 kilometers and at nightfall took up position at a bend of the Pasig River.

★ ★ ★

The day had been hot and wearisome—perhaps the gun crew were entitled to a little shut-eye. The cannoneer snapped awake with the realization he was looking into the searchlight of a hostile gunboat rounding the river bend.

★ ★ ★

By reflex action he flipped off the safety latch, jerked the lanyard and sent a shell screaming through the night. The half-asleep gun crew jumped into action and a second shot was fired up the river before they realized they were firing at the rising tropic moon.

★ ★ ★

The U. S. Field Artillery not only discovered, but fired upon the moon from the Island of Luzon in 1898!

★ ★ ★

The best stories of our wars will not be found in the stiff, edited official reports but in the legend and traditions of the various outfits.

★ ★ ★

In France, as late as 1918, you could still start a brawl by whispering "shoot the moon" in the presence of artillerymen from a certain regiment.

Bid Calls Soon For Contra Costa Canal Links

The two final links in the main-line Contra Costa Canal soon will be forged, according to Richard L. Boke, Regional Director of the U. S. Bureau of Reclamation at Sacramento.

Already under construction when a 1942 order of the War Production Board called a halt to the work, a 6.2 - mile section of the canal north of Walnut Creek will be completed this spring, under the pre-war contract. Boke has announced that bids will be called this month for the terminal 3.6-mile section ending at Martinez.

In early spring, contracts also will be let for construction of the Mountain View dam and reservoir at the western terminus of the 47.5-mile canal, and for two shorter relift canals, which will have their source in the Contra Costa Canal itself. These are the Clayton and Ygnacio Canals, which will serve agricultural lands lying above the main canal.

In addition to this schedule of major work, all slated to begin before July 1, construction of the Clayton and Ygnacio plants, two transformer stations, and the lateral distribution system is required to place the canal in full operation.

Bureau engineers estimate that the entire project-feature will be completed by June 1947. Irrigation service to the total 22,000 acres of the area must, however, await construction of the 140 miles of pipe lines and ditches which compose the lateral system. It is expected that a portion of these laterals will be ready for the irrigation season of 1948.

Since August 1940, about 38 miles of the Contra Costa Canal have been in operation, furnishing industrial and domestic water to cities and war plants along its route, as well as to irrigated farm areas immediately adjacent to the canal.

The four pumping plants which lift water 124 feet to accomplish this service are now operated by power served by a private utility company. When the project transmission line has been extended to the Delta, Shasta power will be used direct.

—V—

NOTICE OF CANCELLATION

The duration examination for Pileman, announced on the bulletin issued September 19, 1945, has been canceled.

State Personnel Board.

Pacific Drilling Corporation Organized

Formation of the "Pacific Drilling Corporation", a firm specializing in churn, rotary and square shaft drilling for test, exploration and geophysical borings, and industrial drilling was announced today.

Walter F. Harcourt-Palmer, a mining and construction engineering executive with experience in Alaska and United States for the U. S. Smelting, Refining & Mining Company, Permanente Metals Corporation, and J. D. Proctor, Inc., General Contractors, was elected president.

Headquarters for Pacific Drilling Corporation are at 233 Sansome Street, San Francisco, and an East Bay office is maintained on the 6th floor, Syndicate Building, Oakland.

Drilling of the type to be conducted by Pacific Drilling Corporation includes:

1. Test borings for the mechanical analysis of soils—a prerequisite to heavy construction and to the selection of sites for dams, bridges, airports, large buildings, piers, cofferdams, breakwaters and tunnels.
2. Exploration borings for the development of placer and lode mineral properties.
3. Industrial drilling—including blast hole, foundation footings, and cast-in-place piles.
4. Borings for geophysical operations.

—V—

PEDESTRIAN INJURIES

Motorists who violate a pedestrian's right of way in a cross walk, with resultant injury, are now subject to a penalty of $500 or six months in jail, or both, the California State Automobile Association points out.

Engineers And Architects Assn. To Meet Feb. 8th

The Engineers and Architects Association, San Francisco Bay Area Chapter, will hold a dinner meeting February 8, 7:15 p. m. at the Marconi Restaurant, 241 Pine Street.

Guest speaker at the gathering will be Dr. August C. Helmholz, Professor of Physics, University of California, on the subject of atomic energy. An outstanding authority on atomic reactions, Dr. Helmholz is noted for his ability to explain his subject in a manner that can be grasped by the average audience. His talk will be followed by a question and answer session.

All engineers are cordially invited, but, in order that seating can be provided, reservations should be made not later than February 6. Telephone C. T. Ledden at TUxedo 6633; dinner, $1.75.

—V—

Wage Board Appoints Two New Members

Appointment of two additional alternate industry members to the 10th Regional Wage Stabilization Board have been approved by the National Board in Washington, D. C., Thomas Fair Neblett, regional chairman, announced today.

The new appointees are Stanley Plumb of Los Angeles, secretary of the Southern California Aircraft Industry, and Wm. Hern of Berkeley, formerly executive assistant to the industry members of the 19th Regional War Labor Board.

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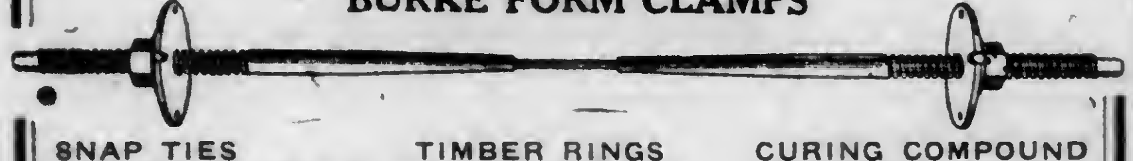

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ADVANCE CONSTRUCTION REPORTS

DAILY PACIFIC BUILDER
(Established 1890)
Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

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1-8—COMMERCIAL BLDGS.

February 1, 1946
PROSPECTIVE BIDDERS
ALTER BANK
SAN FRANCISCO. 555 Montgomery St. near Clay St.
Alterations to bank building.
Owner—Bank of Canton.
Architect—William G. Merchant, 57 Post St., San Francisco.

As previously reported, bids will be opened February 5, Noon.

The following contractors are figuring plans:

Alfred P. Fisher, 300 Montgomery St., San Francisco.

G. P. W. Jensen & Sons, Inc., 320 Market St., San Francisco. • 1

February 1, 1946
SUB-CONTRACT AWARDED

PILE DRIVING
SAN FRANCISCO. Battery, California and Halleck Streets.
Construction of five stories of an eventual 9-story office building; approx. 124 sq. ft., and facing on three streets.
Owner—John Cahill, 206 Sansome St.
Architects—Meyer and Evers, 1201 Kohl Bldg., California and Montgomery Streets.
Contractor—Cahill Bros., 206 Sansome Street.
Furnishing and Driving Untreated Piles—M. B. McGowan, Inc., 625 Market St. • • 4

February 1, 1946
SUB-BIDS WANTED
RETAIL STORE
MILLBRAE, San Mateo Co., Calif. Hillcrest and Broadway.
One-story concrete block retail furniture store (50x90 ft.), concrete floors, wood frame roof.
Owner—Boston Investment Co.
Plans by owner.
Contractor—William Horstmeyer, 23 Mars St., San Francisco.

The contractor desires sub-bids on all portions of the work. • 8

February 1, 1946
PREPARING WORKING DRAWINGS
OFFICE BUILDING
BURLINGAME, San Mateo Co., Calif.
Construction of one-story reinforced concrete and some structural steel office building (50x50 ft.)
Owner—City of Burlingame.
Architects—Sharps & Brown, 1477 Burlingame Ave., Burlingame. • 4

February 1, 1946
CONTRACT AWARDED
OFFICE BUILDING
Contract Price, $40,910.13
BURLINGAME, San Mateo Co, Calif.
Construction of two-story and reinforced concrete office building with dental offices on second floor.
Owner—Lincoln E. Higbee, c/o architects.
Architects—Sharps & Brown, 1477 Burlingame Ave., Burlingame.
Contractor—De Luca & Son, 1745 Filbert St., San Francisco.

Other bidders were:

MacDonald, Young & Nelson, San Francisco, $41,500.

G. W. Williams Co., Burlingame, $46,775. •

February 1, 1946
CONTRACT AWARDED
FURNITURE STORE Cost, $25,000
WATSONVILLE, Santa Cruz Co., Calif. 543 Main St.
Remodel and construction of addition on concrete furniture store building (60x176 ft.), with mezzanine floor.
Owner—Resetar Bros.
Plans by Ellenwood & Hall.
Contractor—T. H. Rosewall, Route 1, Box 539, Watsonville. • 8

February 1, 1946
BIDS OPENED

ELLENSBURG, Wash. — L. C. Welch, Bariboo, Wis. ,at $3851 submitted low bid Jan. 31 to the Federal Works Agency. Public Bldgs. Administration, 838 U. S. Appraiser's Bldg., San Francisco, for new heating boiler and mechanical stoker in the U. S. Post Office at Ellensburg, Wash.

Other bidders were:

Standard Plumbing & Heating Co., Spokane, $4363.

Irving Painting & Heating Co., Tacoma, $14,100. • • 7

February 1, 1946
BID UNDER ADVISEMENT
SCHOOL ADDN. Approx Cost, $16,000
SALINAS, Monterey County, Calif. Fremont School.
Construction of one-story frame and stucco elementary school addition to contain two classrooms.
Owner — Alisal Union Elementary School District, Salinas.
Architect—William Henry Rowe, 214 Front Street, San Francisco.

One bid was received Jan. 30, 8 P. M., which is being held under advisement pending possible revision of plans for a larger project. • • 9

February 1, 1946
CONTRACT AWARDED
STORE BLDG. Cost, $100,000
OAKLAND, Alameda Co., Cal. 14th and Harrison Streets.
Construction of one-story reinforced concrete store bldg. (98x100-feet). Carrara glass and plate glass front
Owner—M. R. Fairman.
Contractor—Beckett and Federighi. 1441 Franklin St, Oakland. • 6

February 1, 1946
WORK UNDER WAY
STORE BLDG. Est. Cost, $200,000
SANTA BARBARA, Calif. State St.
Construction of a two-story department store building, steel frame, Class A construction, to contain approx. 20,000 sq. ft. of floor space.
Owner—I Magnin & Co, Grover A Magnin, Pres., Geary St. and Grant Ave., San Francisco.
Architect—Timothy L. Pflueger, 580 Market St., San Francisco.
Contractor—William Simpson Constr. Co., 816 W 5th St., Los Angeles. • 6

February 1, 1946
BIDS WANTED

SAN FRANCISCO—Until February 11, 2 P. M., bids will be received by the Board of Park Commissioners, McLaren Lodge, Golden Gate Park, for construction of tool and equipment shed at Lincoln Park municipal golf course.

Specifications and plans obtainable from the above office upon deposit of $5. • 3

February 1, 1946
SUB-CONTRACT AWARDED
PILE DRIVING
SAN FRANCISCO. Main and Market Streets
Construction of office building addition.
Owner—Matson Navigation Co., 215 Market St.
Contractor — Swinerton & Walberg Co., 225 Bush St.
Driving Piles Only for Foundations—M. B. McGowan, Inc., 625 Market Street. • 4

9-10—EDUCATIONAL BUILDINGS

February 1, 1946
ARCHITECT SELECTED
SCHOOL BUILDING Cost, $250,000
LAKE ARROWHEAD, San Bernardino Co., Calif. 40-acre tract along Rim of the World Highway, midway between the two-mile Lake Arrowhead turnoff and Daly Canyon Rd.
New elementary school building, including eight classrooms, administration office, cafeteria, auditorium and gymnasium.
Owner—Lake Arrowhead School District.
Architect—Frank Wynkoop & Associates, 821 Market St., San Francisco, and Professional Bldg., San Bernardino. • 9

12-13—INDUSTRIAL BUILDINGS

February 1, 1946
SUB-BIDS WANTED
LAUNDRY BUILDING
SOUTH SAN FRANCISCO, San Mateo Co., Calif. Lynden and Vctory Sts.
Construction of one-story concrete block laundry building (70x100 ft.), concrete floors, wood frame roof.
Owner—Shop Towel Service & Supply Co.
Plans by owner.
Contractor—William Horstmeyer, 23 Mars St., San Francisco.

The contractor desires sub-bids on all portions of the work. • 12

February 1, 1946
PLANS BEING FIGURED—
BIDS OPEN FEB. 8, 3 P M.
FACTORY BLDG.
OAKLAND, Alameda Co., Calif. 5425 E 14th Street.
Construction of factory building.
Owner—Kay Chesterfield Mfg. Co., 5434 E 14th St., Oakland.
Architects—Miller & Warnecke, Financial Center Bldg., Oakland.

Plans are being figured by the following contractors:

H. L. Risdon & Sons, 5977 Majestic Ave., Oakland.

Hans C. Jensen, 3906 Oakmore Rd., Oakland.

Anderson & Hagland, Inc., 219 41st St., Oakland.

Stolte, Inc., 8451 San Leandro St., Oakland.

E. T. Leiter Sons, 811 37th Street, Oakland. • • 12

February 1, 1946
CONTRACT AWARDED
COLD STORAGE PLANT
Cost, $125,000
HOOD, Sacramento County, Calif.
Construction of reinforced concrete cold storage plant.
Owner — Stillwater Orchards Co., Courtland.
Architect — Leonard F. Starks, 310 Bank of America Bldg., Sacramento.
Contractor—Stolte, Inc., 8451 San Leandro St., Oakland, Calif. • 12

February 1, 1946
BIDS OPENED

SAN FRANCISCO.—M & K. Corp., 200 Financial Center Bldg., at $98,000 submitted low bid to the Public Works Office, Room 2110 Administration Bldg., San Francisco Naval Shipyard, San Francisco 24, under NOy 13354, Spec. 17514, for conversion of building No. 401 to public works shop at San Francisco Naval Shipyard, San Francisco.

The work involves construction and alteration of two-story frame building which shall be used for an industrial shop and wich includes carpentry, floor coverings, plastering, steel work, magnesite flooring, the moving of an existing structure and paving.

Complete bids were:

M & K. Corp., (1) $98,000; (2) $4800 (3) $4350; (4) $1200.

James J. Barnes Constr. Co., 941 Russ Bldg., (1) $102,345; (2) $4700; (3) $4200; (4) $3800.

Clinton Constr Co. of California, 923 Folsom St., (1) $106,250; (2) $5500; (3) $4000; (4) $3500.

Erbentraut & Summers, 446 6th St, (1) $108,000; (2) $5600; (3) $5400; (4) $1500.

De Luca & Son, 1745 Filbert St., (1) $111,600; (2) $2900; (3) $5200; (4) $3500.

A. Farnell Blair, 9 Main St, (1) $115,575.96; (2) $7462.56; (3) $5755.40; (4) $1104.60.

M. J. King, Inc., 231 Franklin St., (1) $118,922; (2) $6000; (3) $4500; (4) $2000. • • 12

14-17—PUBLIC BLDGS.

February 1, 1946
PREPARING WORKING DRAWINGS
SCHOOL BUILDING
DELANO, Kern County, Calif. Sixth and Clinton Sts.
Construction of a structural steel frame and stucco grammar school building to provide for 11 classrooms, an auditorium, cafeteria and offices.
Owner — Delano Union Elementary School District.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco. • 15

20-21—SOCIAL AND RECREATIONAL BLDGS.

February 1, 1946
BIDS WANTED

SAN FRANCISCO—Until February 11, 2 P. M., bids will be received by the Board of Park Commissioners, McLaren Lodge, Golden Gate Park, for repairs to heating plant furnaces at Fleishhacker Pool.

Plans and specifications obtainable from the above office upon deposit of $5. • 20

22-26—RESIDENTIAL BUILDINGS

February 1, 1946
BIDS POSTPONED UNTIL FEBRUARY 7, 3 P. M.
MOTEL BUILDINGS
OAKLAND, Alameda County, Calif.
Construction of motel buildings.
Owner—Mr. Moody.
Architects—Miller & Warnecke, Financial Center Bldg., Oakland.

Bids opening date postponed from January 31.

Plans are being figured by the following contractors:

Barrett & Hilp, 918 Harrison St., San Francisco.

Frank F. Burrows, 10 California Drive, Burlingame.

E. T. Leiter Sons, 811 37th Street, Oakland.

Stolte, Inc., 8451 San Leandro St., Oakland.

Parker, Steffens & Pearce, 135 So. Park, San Francisco.

M. & K. Corp., 200 Financial Center Bldg., San Francisco. • • 22

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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33—BRIDGES

February 1, 1946
WORK UNDER WAY

JOLIET, Mont. — General Reidesel Construction Co., 2325 9th Ave. N., Billings, Mont., has started construction of concrete and wood bridge, concrete piers and abutment for the Northern Pacific Railway Co. at an estimated cost of $40,000. • 33

40— STREETS AND HIGHWAYS

February 1, 1946
CONTRACT AWARDED

MERCED, Merced Co., Calif.—Al W. Simmonds, 420 Market St., San Francisco, at $3020.25, awarded contract by the U. S. Engineer Office, Wright Bldg., Sacramento, under Spec. 1207 for numbering and striping one runway at Merced Army Airfield. • 40

41—GAS, WATER AND OIL PIPE LINES

February 1, 1946
BIDS WANTED

SAN FRANCISCO—Until February 11, 2 P. M., bids will be received by the Board of Park Commissioners, McLaren Lodge, Golden Gate Park, for furnishing and installing 10-inch water main, water works to main drive, and 14-inch overflow pipe at Strawberry Hill reservoir.

Plans and specifications obtainable from the above office upon deposit of $5. • 41

February 1, 1946
CONTRACT AWARDED

PORTLAND, Ore. — Empire Construction Co., 4506 SE. 39th, Portland, at (1) via rail shipment $70,750, (2) via water $64,220, submitted low bid and was awarded contract by the Metzger Water District, office of the engineer, 822 Spalding Bldg., Portland, for the construction of a water supply main. The work will involve 21,100 lin. ft. of 10-inch cast iron pipe, with necessary gate valves, fittings and appurtenances.

Complete bids were:

Empire Construction Co., 4506 SE. 39th, Portland, (1) $70,750, (2) $64,220.

Leonard & Slate, 7805 SW. 40th, Portland, (1) $70,620, (2) $68,765.

George Abraham, Builders' Exchange Bldg., Portland, (1) $71,097, (2) $65,522.

Rushlight Automatic Sprinkler Co., 55 NE. Farragut, Portland, (1) $73,223, (2) $67,437.

Ford & Walters, Seattle, (1) $75,390, (2) $69,715.

Parker-Schram, Couch Bldg., Portland, (1) $75,579, (2) $69,060.

O. L. Soule, Elma, Wash., (1) $78,755, (2) $73,080.

P. S. Lord, 4507 SE. Milwaukie, Portland, (1) $80,768, (2) $75,243.

Eugene Ruedy, 2319 NW. Nicolai, Portland, (1) no bid, (2) $75,339.

Matt Malaspina, 1901 23rd S., Seattle, (1) $88,653, (2) $82,445. • 41

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Laboratory Bldg., Moffett Field; Bids close February 8, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
Carl N. Swenson Co., 355 Stockton Ave., San Jose (BAllard 2602).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054).
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
M. J. King, Inc., 231 Franklin Street, San Francisco (UNderhill 8209).
Peter Sorensen, 927 Arguello St., Redwood City (Redwood 2212).
Parker, Steffens & Pearce, 135 South Park, S. F. (EXbrook 6639).

Bldgs., Services, Reserve Fleet Berthing, Mare Island; NOy 13295; Spec. 17459; Bids open February 1, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905-7054).
Peter Kiewit Sons Co., 441 Post St., San Francisco (EXbrook 5736).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).

Expansion Sheet Metal Shop, Etc., S. F. Naval Shipyard; Spec. 17230; Bids open February 7, 11 A. M.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).

Store Bldg., Railroad Ave. and E 7th St., Pittsburg; Bids open Feb. 9, 11 AM
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Louis C. Dunn Co., 799 Monadnock Bldg., San Francisco (YUkon 1471)
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).

Candy Factory, Ocean Ave. near 19th Ave., S. F.; Bids open Feb. 4, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).
Midstate Constr. Co., 1299 Bush St., San Francisco (ORdway 4638).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).
C. F. Parker, 1644 Monterey Blvd.. San Francisco (OVerland 5357).
Monson Brothers, 475 Sixth St., San Francisco (DOuglas 5357).
Rademann-Giusto, 40 Ringold St., San Francisco (MArket 8151).
De Luca & Son, 1745 Filbert St., San Francisco (ORdway 3600).
Haas Constr Co., 326 Merchants' Exchange Bldg., S. F. (EXbrook 1205).

Tulana Farms Grain Elevator, Worden, Ore.; Bids Ipen Feb. 14, Noon.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

Tank Truck Loading Fac., Standard Oil, Richmond; Bids open Feb. 18, Noon
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980
Barrett & Hilp. 918 Harrison St., San Francisco (DOuglas 0700).

Bldgs., Paving and Utilities, U. S. Navy Sta., Inyokern; Spec. 17379; NOy 13211; Bids open February 5, 2 P. M.
Johnson, Drake & Piper, Inc., 1736 Franklin St., Oakland (GLencourt 8011). Bids due in Oakland office February 2).
Haddock-Engineers, Ltd., P. O. Box 479, Oceanside.

Factory Bldg., Penetrators Syphon Co., Dixon; Bids open Feb. 4, 2 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Campbell Constr. Co., 800 R St., Sacramento (Sacto 3-2095).
H. W. Robertson, 2917 "T" St., Sacramento (Sacto. 5-3061).
H H Larsen Co., 64 South Park, San Francisco (EXbrook 3190, 3191)
Lawrence Constr. Co., 3020 V St., Sacramento (Sacto. 6-3835).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209)

Foster Weeks Store & Apts., Grand Ave., Oakland; Bids open Feb. 4, 3 PM
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).
Empire Constr Co., 344 Harriet St., San Francisco (HEmlock 3400).

Alter Grand Lake Theatre, Oakland; Bids open February 6, 2 P. M.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).
Mariposa Constr. Co., 1106 Mariposa St., S. F. (UNderhill 0375)
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).

Shops Bldg., San Mateo Junior College; Bids open February 13, 8 P. M.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Monson Brothers, 475 Sixth St., San Francisco (DOuglas 5357).
Haas Constr Co., 326 Merchants' Exchange Bldg., S. F. (EXbrook 1205).
C. L. Wold Constr. Co., Ltd., 4412-16 Fulton St., S F. (SKyline 4362)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S F (EXbrook 6906 or 7054)

Alter Bank of Canton, Montgomery and Clay Sts., San Francisco; Bids open February 5, Noon.
G. P. W. Jensen & Sons, Inc., 320 Market St., San Francisco (GArfield 2444)

Superstructure, Shop Bldg. No. 411, San Francisco Naval Shipyard; Bids open February 21, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)

Moody Motel Bldgs., Oakland; Bids open February 7, 3 P. M.
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
G. W. Williams Co., 10 California Drive, Burlingame (Burl 4-1796)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064)

Factory, Kay Chesterfield Mfg. Co., Oakland; Bids open Feb. 8, 3 P. M.
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064)

California Natl. Guard Warehouse. Sacramento; Bids open Feb. 5, 2 P. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209)

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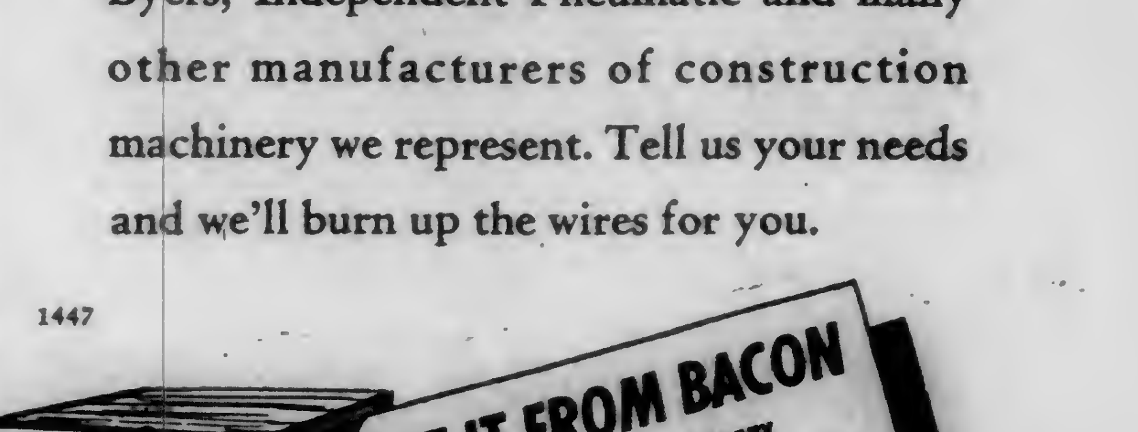
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ADVANCE CONSTRUCTION REPORTS

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Misc. Supplies & Materials	42
Machinery and Equipment	43

42— MISC. SUPPLIES AND MATERIALS

February 1, 1946

BIDS WANTED

SAN FRANCISCO.—Until Feb. 18, 2 P. M., bids will be received by the U. S. Treasury Dept., Procurement Division, 30 Van Ness Ave., under Inv. No. SF-2783-46 for furnishing 300 notebook holders delivered to 650 5th St., San Francisco, and 24 notebook holders delivered to 1240 Palmetto St., Los Angeles.

Specifications obtainable at the above office. • • 42

February 1, 1946

BIDS WANTED

SAN FRANCISCO—Until February 13, 2 P. M., bids will be received by the U. S. Treasury Department, Procurement Division, 30 Van Ness Ave., San Francisco, under Inv. No. SF-2786-46 for furnishing 200 bales wiping cloths, used, white, 50-lb. bales, delivered to 650 5th St., San Francisco.

Specifications obtainable from the above office. • 42

February 1, 1946

BIDS WANTED

SAN FRANCISCO—Until February 19, 2 P. M., bids will be received by the U. S. Treasury Department, Procurement Division, 30 Van Ness Ave., San Francisco, under Inv. No. SF-2787-46 for furnishing 96 spools, 2-in. wide, and 288 spools, 3-in. wide, surgical adhesive plaster, 10-yd. length, delivered to 1240 Palmetto St., Los Angeles, Calif.

Specifications obtainable from the above offic. • 42

February 1, 1946

BIDS WANTED

SAN FRANCISCO—Until February 18, 2 P. M., bids will be received by the U. S. Treasury Department, Procurement Division, 30 Van Ness Ave., San Francisco, under Inv. No. SF-2781-46 for furnishing 500 ft. telephone wire, rubber insulated, parallel, drop, double conductor, for outside use (weatherproof braid), steel, copper-covered, BWG 17, commercial packing, delivered to 650 5th St., San Francisco. • 42

February 1, 1946

BIDS WANTED

SAN FRANCISCO—Until February 8, 2 P. M., bids will be received by the U. S. Treasury Department, Procurement Division, 30 Van Ness Ave., San Francisco, under Inv. No. SF-2788-46 for furnishing office supplies, delivered to 1240 Palmetto St., Los Angeles, Calif.

Specifications obtainable from the above office. • 42

February 1, 1946

BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until February 13, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Pro. LS-346 for 16-inch cement-lined and coated steel pipe.

The work involves:

(1) 1500 lin. ft. 3/16-in. thickness, 16-in. outside diameter, electric welded steel pipe, 30-in. lengths;
(2) install 1500 lin. ft. cement mortar, ⅜-in. thick inside surface of 16-in. steel pipe;
(3) install 1400 lin. ft. exterior coating ¾-in. thick on outside surface of 16-in. steel pipe.

Specifications obtainable from the above office. • 42

43— MACHINERY AND EQUIPMENT

February 1, 1946

BIDS OPENED

OAKLAND, Alameda Co., Calif.—The following submitted bids to the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Pro. LS-345 for hydraulically operated gate valves and hydraulically operated sluice gates and filter rate controller for Orinda filter plant.

Schedule I
Hydraulically Operated Gate Valves for Orinda Filter Plant

(1) 36 20-in. gate valves equipped with 8-in. minimum diameter hydraulic operating cylinders, complete;
(2) 12 18-in. gate valves equipped with 8-in. minimum diameter hydraulic operating cylinders, complete;
(3) 12 8-in. gate valves equipped with 4-in. minimum diameter hydraulic operating cylinders, complete.

Schedule II
Hydraulically Operated Sluice Gates for Orinda Filter Plant

(1) 24 24x24-in. sluice gates with 7-in. minimum diameter hydraulic operating cylinders, complete.

Schedule III
Filter Rate Controllers for Orinda Filter Plant

(1) 12 filter rate controllers, including rate controller tubes and operating mechanisms, and every device necessary for complete and operative units.

Chapman Valve Manufacturing Co., 564 Bryant St., San Francisco, Sched. 1, (1) $21,708, (2)$6012, (3) $2028; total, $29,748; Sched. 2, $14,823.

L. W. Kolb, Sched. 3, $26,394.

Rensselaer Valve Co., 115 Townsend St., San Francisco, Sched. 1, $28,129.68, (2) $8082.84, (3) $2508.60; total, $38,721.12.

Rich Manufacturing Co., Sched. 1 (1) $31,571.64, (2) $9675.72, (3) $1061.52; total, $42,308.88.

Water Works Supply Co., Sched. 2, $26,528.

Joshua Hendy, Sched. 2, $44,020.

Moran Plumbing Supply Co., Sched. 1, (1) $21,843.36, (2) $6298.44, (3) $3132; total, $31,273.90. • 43

February 1, 1946

CONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—Allis-Chalmers Manufacturing Co., 650 Harrison St., San Francisco, at $2931, awarded contract by the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Pro. 1704 for furnishing oil circuit breaker. • 43

February 1, 1946

CONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—Gardiner Electric Manufacturing Co., 4227 Hollis St., Emeryville, Calif., at $4824, awarded contract by the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Pro. 1705 for furnishing three 500 kva. transformers. • 43

February 1, 1946

BIDS REJECTED

OAKLAND, Alameda Co., Calif.—The East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, rejected all bids received under Pro. 1701 for six Ford or Chevrolet sedans.

Weaver-Paps Co., at $1090.77 each for 2-door sedans; $1139.77 each for 4-door sedans, had submitted the previous low bid. • 43

February 1, 1946

BIDS OPENED

SACRAMENTO, Calif.—The following submitted bids to the State Purchasing Agent, Sacramento, for materials as follows:

QUO. 30314, REQ. 165—Air compressor:

Rix Co., LeRoi GE60, $1100, f.o.b. San Francisco; 15 days' delivery; net.

Kyle & Co., Schramm No. 60 Fordair 31-A, $1175 net; May, 1946.

Edward F. Hale, Schramm No. 60 Fordair 31-A, $1235; 60 days net.

Western Machinery Co., Chicago Pneumatic PG-2, $1240; 60 days net.

Moore Equipment Co., Ingersoll-Rand D-60, $1324.37; 12-14 weeks; discount ½ of 1 per cent; 30 days.

February 1, 1946

BIDS OPENED

PORTLAND, Ore.—General Electric Co., Portland, Ore., at $353,125, submitted the low bid to the Bonneville Power Administration, P. O. Box 3537, Portland, Ore., for furnishing 21 oil circuit breakers, 60 cycle, 115 kilovolt, with 1,500,000 to 2,500,000 kva. interrupting capacity; Invitation No. 3517.

Total bids were:

General Electric Co., $353,125
Westinghouse Electric Corp., $354,935.
Allis-Chalmers Co., $355,475.
Pacific Electric Co., $373,925. • 43

February 1, 1946

BIDS OPENED

PORTLAND, Ore. — Westinghouse Electric Corp., Portland, Ore., at $54,340, submitted the low bid to the Bonneville Power Administration, P. O. Box 3537, Portalnd, Ore., for furnishing eight circuit breakers with 250,000 to 1,000,000 kva. interrupting capacity; Invitation No. 3519.

Total bids were:

Westinghouse Electric Corp., $54,340.
Allis-Chalmers Co., $55,000.
General Electric Co., $55,763.
Pacific Electric Manufacturing Co., $41,485 (partial bid). • 43

February 1, 1946

BIDS WANTED

SAN FRANCISCO.—Until Feb. 11, 3 P. M., bids will be received by M. H. Gerry, Purchaser of Supplies, 270 City Hall, under Bid No. 3470 for furnishing and delivering 24-in. cast iron bell and spigot, Class D fittings for the San Francisco Water Department.

Specifications obtainable from the above office. • • 43

(Continued on Page Four)

A Letter to the President of the United States

January 18, 1946

Hon. Harry S. Truman
President of the United States
The White House
Washington, D. C.

Dear Mr. President:

Your proposal to me in Washington last evening that the wage demand of the United Steelworkers of America-CIO be settled on the basis of a wage increase of 18½ cents an hour, retroactive to January 1, 1946, cannot, I regret to say, be accepted by the United States Steel Corporation for the reasons set forth below.

As you must be aware, your proposal is almost equivalent to granting in full the Union's revised demand of a wage increase of 19½ cents an hour, which was advanced by Philip Murray, the President of the Union, at our collective bargaining conference with the Union in New York a week ago today. In our opinion, there is no just basis from any point of view for a wage increase to our steel workers of the large size you have proposed, which, if put into effect, is certain to result in great financial harm not only to this Corporation but also to users of steel in general.

As I have tried to make clear to you and other Government officials during our conferences in Washington over the past few days, there is a limit in the extent to which the Union wage demands can be met by us. We reached that limit when we raised our offer to the Union last Friday from a wage increase of 12½ cents an hour to one of 15 cents an hour. This would constitute the highest single wage increase ever made by our steel-making subsidiaries. Our offer of 15 cents was equivalent to meeting 60% of the Union's original excessive demand of a $2 a day general wage increase. Our offer met 75% of the Union's final proposal of a wage increase of 19½ cents an hour. A wage increase of 15 cents an hour, such as we offered, would increase the direct labor costs of our manufacturing subsidiaries by approximately $60,000,000 a year. That is a most substantial sum, and does not take into account the higher costs we shall have to pay for purchased goods and services, when large wage increases generally become effective throughout American industry, as is inevitable after a substantial increase in steel wages.

As you know, collective bargaining negotiations with the Union broke down at the White House yesterday afternoon, because Mr. Murray then refused to budge from his position that a country-wide steel strike must take place, unless steel workers are granted a general wage increase of 19½ cents an hour. Our offer of a wage increase of 15 cents an hour was again rejected by the Union.

The Union threatened to go ahead with its program for a national steel strike at midnight next Sunday, although such a strike will be a clear violation of the no-strike provision contained in our labor contracts with the Union, which continue by their terms until October 15, 1946.

From the outset, we have recognized how injurious a steel strike will be to reconversion and to the economy of this whole country. Most industries are dependent upon a supply of steel for their continued operations. We have done everything reasonably within our power to avert such a strike. If a strike occurs, the responsibility rests with the Union.

When the Government at the eleventh hour informed us about a week ago of its willingness to sanction an increase in steel ceiling prices, we at once resumed collective bargaining negotiations with the Union. Such price action by the Government was a recognition by it of the right of the steel industry to receive price relief because of past heavy increases in costs, something which the steel industry for many months has unsuccessfully sought to establish with OPA.

I should like again to point out some pertinent facts relative to the wages of our steel workers.

Since January, 1941, the average straight-time hourly pay, without overtime, of our steel workers has increased more than the 33% increase in the cost of living during that period, recently computed by Government authorities. Steel workers' wages have kept pace with increased living costs. Such average straight-time pay in our steel-producing subsidiaries was $1.14 an hour in each of the months of September, October and November, 1945, excluding any overtime premium and any amount for correction of possible wage inequities. An increase of 15 cents, in accordance with our offer, would raise such average straight-time pay to $1.29 an hour, placing such pay among the highest today in all of American industry.

Under our offer of a 15 cent increase, the average weekly take-home pay of our steel workers for a forty-hour week would amount to $51.60, assuming that no overtime is involved. This figure is only $4.54 less than the actual average weekly earnings of these employees, including overtime, in the last full war year of 1944, when the average work week was 46.1 hours. The difference is really less, because we will undoubtedly continue to have overtime in the future, just as we have at the present time. In November, 1945, overtime premiums to our steel workers aggregated more than $1,300,000. Such reduction of $4.54 in weekly take-home pay is the natural consequence of a shorter work week of forty hours, and therefore one of lower production.

Much as we desire to avoid a steel strike, we cannot overlook the effect both on this Corporation and on our customers and American business in general, of the 18½ cent an hour wage increase, which you have proposed. Such a wage increase must result in higher prices for steel than have previously been proposed to us by the Government. Great financial harm would soon follow for all users of steel who would be obliged to pay higher prices for their steel, higher wages to their employees, and still have the prices for their own products subject to OPA control. Such a high and unjustified wage scale might well spell financial disaster for many of the smaller steel companies and for a large number of steel fabricators and processors. The nation needs the output of these companies. Increased wages and increased prices which force companies out of business can only result in irreparable damage to the American people.

In our judgment, it is distinctly in the public interest to take into account the injurious effect upon American industry of an unjustified wage increase in the steel industry.

After a full and careful consideration of your proposal, we have reached the conclusion above stated.

Respectfully yours,

Benjamin F. Fairless,
President, United States Steel Corporation

United States Steel Corporation

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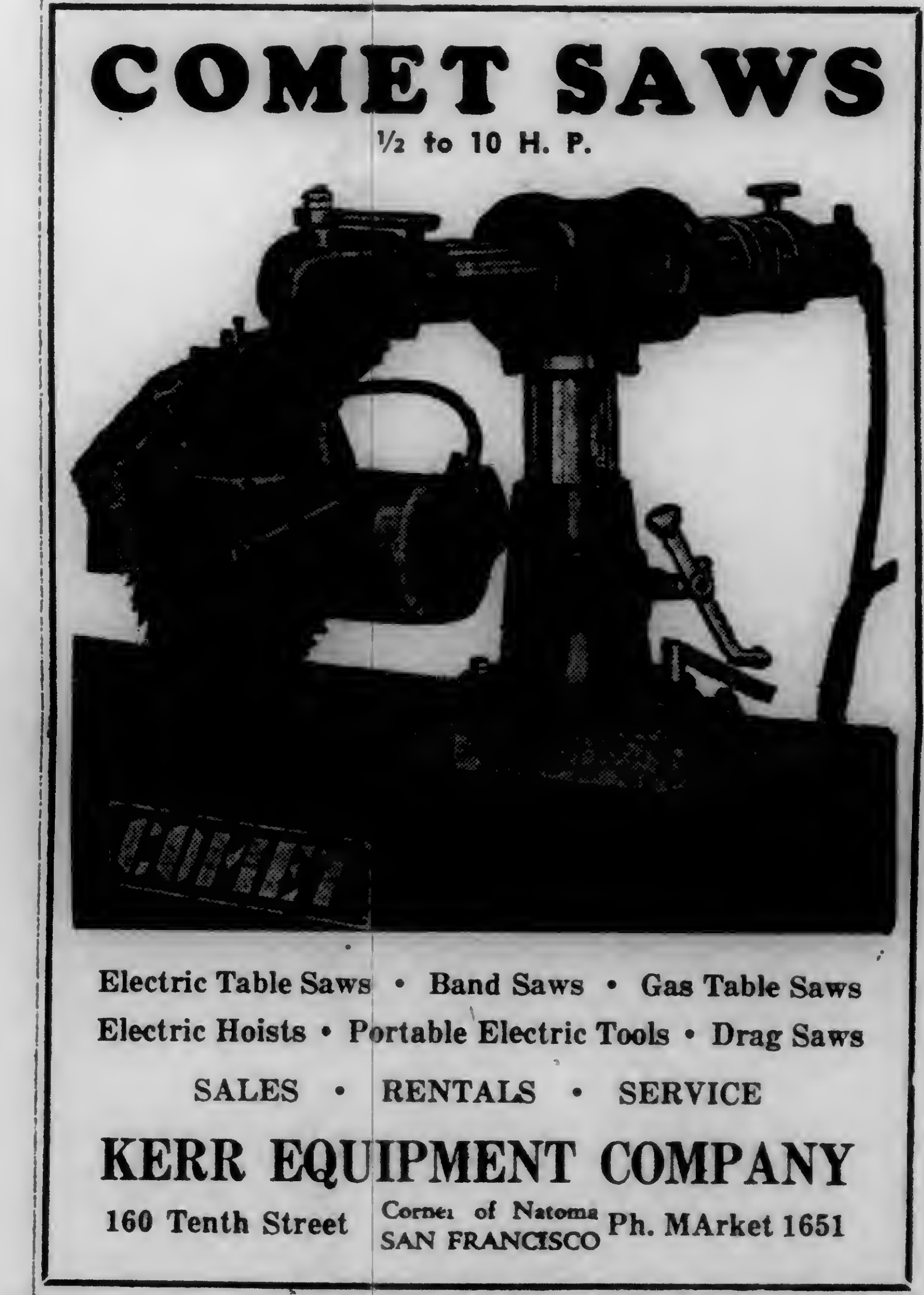

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SAN FRANCISCO

ALTER hotel, $50,000; SE California and Mason Sts; owner, Hotel Mark Hopkins. prem; contractor, Parker, Steffens & Pearce, 135 South Park; engineer, W P Day, 1502 Financial Center Bldg.

STORE, 1-story frame, $8500; NW Mission and Laura; owner, Emilio Donati, 5799 Mission St.

ALTER restaurant, $8000; 423-7 Ellis St; owner, Pennebaker-Kentel-Coffman, 423 Ellis St; contractor, S J Amoroso Constr Co, 2100 Oakdale Ave.

GAS STATION, Class C steel, $8000; SE 3rd and Hudson; owner and builder, Standard Oil Co, 225 Bush.

SERVICE STATION, Class C, $7000; E Fillmore 60 N Lombard; owner, Antone Zietich, 900 Edinburgh St; contractor, W Fletcher Constr Co, 3200 Adeline St, Oakland.

DWELLING, 1-story frame, $6837; W Bradford 25 N Jarboe; owner and builder, Hans V Hansen, 2297 15th St.

ALTER apts, $2000; 2185 O'Farrell; owner and contractor, Alex Varakin, 861 Fell St.

ALTER tavern, $2000; 3024 Mission; owner, Geo Payton, premises.

GAS STATION, Class C steel, $1000; SE 3rd and Hudson; owner and builder, Standard Oil Co, 225 Bush.

ALTER dwelling, $1000; 7121 Geary; owner, Ben Estrin, prem; contractor, Coast Constr Co, 2172 Market.

ALTER dwelling, $900; 1403 Willard; owner, L F Butcher, premises.

SIGN, electric, $850; 1244 Market St; owner, The Charcoal Broiler, 1244 Market St; contractor, Wonderlite Neon Prod Co, 1095 Folsom St.

ALTER dwelling, $800; 2 Stoneybrook Ave; owner, A D Webster, 2 Stoneybrook Ave.

SIGN, electric, $625; 341 O'Farrell; owner, Lambert, prem; contractor, Brumfield Elec Sign Co, 965 Folsom St.

ALTER hotel, $500; 1926-30 Fell St; owner and contractor, R M McDonald, 1920 Fell St.

ALTER lunch counter, $500; 799 22nd St; owner and contractor, Luis Quintana, premises.

ALTER contractor's plant, $500; 3070 17th St; owner and contractor, LeRoy Olson Co, 3070 17th St.

ALTER apts, $500; 194 Montana St; owner and contractor, Vincent Pagliaro, 194 Montana St.

OAKLAND

GARAGE, $500; 10927 Acalones Dr; owner and builder, Walter E Pixley.

ALTERATIONS, $1000; 2740 Broadway; owner, J E French Co, prem; contractor, Wendt Constr Co, 810 Page St, Berkeley.

REPAIRS, $500; 575 43rd St; owner, Jos Petrosillo, prem; contractor, Beckett & Federlghl, 1441 Franklin.

DWELLINGS, two 1-story 5-room, $4000 each; 1227-1233 76th Ave; owner, Alameda Homes Co; prem; contractor, H S Pulliam, 5909 E 14th St.

DWELLINGS, three 1-story 5-room, $4000 each; 9319-25-31 D St; owner, Alameda Homes Co, prem; contractor, H S Pulliam, 5909 E 14th.

DWELLING, 1-story 5-room, $4000; 9339 B St; owner, Alameda Homes Co, prem; contractor, H S Pulliam, 5909 E 14th St.

DWELLING, 1-story 5-room, $4500; 3306 Vale Ave; owner, O Jones, prem; contractor, Owens & Hamilton, 3630 High St.

DWELLING, 1-story 5-room, $4000; 10716 Apricot St; owner, Alameda Homes Co, 5909 E 14th St; contractor, H S Pulliam, 5909 E 14th.

ADDITION and alter, $500; 2325 Courtland Ave; owner and contractor, K A Johanson, premises.

SAN MATEO

ADDN to school, $49,000; Lots 3, 4, 5, and 6 Blk 1, Tulare St; owner, Roman Catholic Archbishop of S F; contractor, G W Williams Co, 10 California Dr, Burlingame.

APARTMENTS, $21,000; 412 E Bellevue; owner and builder, Thos J Broderick, 1528 Cypress Ave, Burlingame.

DWELLING, $10,000; 979 Rosemead; owner, E Peterson; contractor, Sporhelm & Caster.

DWELLING, $9000; 936 S Idaho St; owner, L Shapiro; contractor, H Shapiro, 656 18th Ave, S F.

DWELLING, $9000; 932 S Idaho St; owner, E Shapiro; contractor, H Shapiro, 656 18th Ave, S F.

DWELLING, $8000; 3046 Beverly; owner, Mr and Mrs Baker; contractor, Hardiman Constr Co.

DWELLING, $8000; 3046 Mason Lane owner, Durling; contractor, Hardiman Constr Co.

DWELLING, $8000; Mason Lane; owner, Bould; contractor, Hardiman Constr Co.

DWELLINGS, three, $7500 each; 3847 3041, 3035 Mason Lane; owner and builder, Paul A Cleversy.

DWELLING, $7500; 304 22nd Ave; owner, Mr and Mrs Knock; contractor, Claud Lindsay Co, S F.

ALTER school, $7000; Park and Columbia; owner, Roman Catholic Archbishop of S F; contractor, Grinnell Co of the Pacific, 601 Brannan St, S F.

DWELLING, $7000; 3017 Del Ray; owner, Rembury; contractor, Hardiman Constr Co.

DWELLING, $7000; 3028 Del Monte; owner and builder, Hardiman Construction Co.

ALTER dwelling to duplex, $2000; 603 N Delaware; owner and contractor, R R Latta.

REPAIR dwelling, $2000; 220 N Bayshore; owner, Mary Pamphin; contractor, Frank Ferrea, 418 Sonora, San Mateo.

REPAIR dwelling, $2000; 532 Alhambra; owner, K Smith; contractor, E Latimer, 1220 Bernal Ave, Burlingame.

GARAGE, $2000; 412 E Bellevue; owner and builder, Thos J Broderick, 1528 Bypress Ave, Burlingame.

ALTER dwelling, $1800; 97 31st Ave; owner and contractor, C R Cathcart.

ALTERATIONS, $1500; 240 25th Ave; owner, Frank Marion; contractor, E E Hansen.

GARAGE, $1500; 1725 S El Camino; owner and builder, R R Wiseheart.

GARAGE, $1500; 231 W Poplar; owner and builder, J Jordan.

ALTER dwelling, $1500; 641 Costa Rica; owner, Mrs Louis B Jacques; contractor, C H Bessett Co, 826 Walnut Ave, Burlingame.

ALTER storage, $1000; 618 10th Ave; owner and contractor, M J Terranova, 618 10th Ave.

REPAIR stores, $850; 507-5-9 B St; owner, F H Nourse; contractor, Peninsula Roofing & Tile Co, 510 El Camino Real, Redwood City.

GARAGE, $750; 603 W Delaware; owner and builder, R R Latta.

GARAGE, $500; 15th Ave and Palm; owner and builder, Jas E Dullan.

FRESNO

WAREHOUSE, $40,000; 1603 A St; owner, California Motor Express Co; builder, Barrett & Hilp.

DWELLING AND GARAGE, $7500; 5006 Platt; owner, C O Ward.

DWELLING, $2000; 2263 Lee; owner, Clarence Olden.

STORAGE BUILDING, $1500; 140 Callisch; owner and builder, Wilkerson & Nutwell.

ALTER DWELLING, $1000; 439 N Van Ness; owner, Candlelight House.

ADD TO DWELLING, $600; 3838 Madison; owner, Ward Grimes.

ALTER DWELLING, $500; 3340 Kerckhoff; owner, Mrs Sorensen.

BUILDING PERMITS Granted $500 AND OVER

SAN FRANCISCO

JANUARY 31, 1946

CLASS C BLDG, $145,000; S Carroll Ave 160 E Phelps and Newhall Ave; owner, Mario Packing Corp.

ALTER hotel and store, $900; 1548 California St; owner, J Dastigue.

DWELLING, 1-story frame; $6800; SE Cor Delano and Niagara Aves; owner, F C Frank and E Vignati.

ALTER bldg, $1100; 537 8th Street; owner, Linde Air Products Co.

ALTER dwelling, $500; 1656-54 Taylor St; owner, Edmund Loewy.

BLDG, 1-story frame; $5700; N McKennon Ave 25 E Phelps; owner, C Padilla.

BLDG, 1-story frame, $6000; NE Cor McKennon Ave and Phelps; owner, C Padilla.

ALTER dwelling, $500; 5 Wawona St; owner, C A Hankel.

ALTER store, $2000; 691 Market St; owner, Walter Willey.

DWELLINGS, 21 1-story frame, $5300 each; E 45th Ave 50, 75, 100, 125, 150, 175, 200, 225,275 S Pacheco; NE Cor 45th Ave and Quintara; E 45th Ave 25, 50, 75, 100, 125, 225, 250, 275 N Quintara; E Pacheco St 115, 90, 70 E 45th Ave; owner, R F Galli.

ALTER store, $4947 3rd St; $1200; owner, Geo Peterson & Sons.

ALTER club, $1250; California and Mason Sts; owner, Pacific Union Club.

ALTER service station, $3500; NE Cor Pine and Battery Sts; owner, Tide Water Associated Oil Co.

DWELLING, 1-story frame, $6500; W 32nd Ave 75 N Quintara; owner, Claude T Lindsay Co.

DWELLING, 1-story frame, $5900; NW Cor 32nd Ave and Quintara; Claude T Lindsay Co.

DWELLINGS, two 1-story frame, $5750 each; W 32nd Ave 25, 50 N Quintara; owner, Claude T Lindsay Company.

DWELLING, 1-story frame, $5900; NE Cor Quintara and 33rd Ave; Claude T Lindsay Co.

DWELLINGS, two 1-story frame, $5,750 each; E 33rd Ave 25, 50 N Quintara; owner, Claude T Lindsay Company.

DWELLINGS, five 1-story frame, $6100 each; E 33rd Ave 75 N Quintara; N Quintara 70, 95, 120, 145 W 32nd Ave; owner, Claude T Lindsay Company.

ALTER bldg, $2000; 1507 Polk St; owner, J G Kaplanis.

ALTER dwelling, $4000; 817 36th Ave; owner, Jos Solache.

ALTER bldg, $6815; 815 Battery St; owner, National Biscuit Co.

ALTER bldg, $5729; 815 Battery St; owner, National Biscuit Co.

ALTER shop and storage, $10,000; 66 Page St; owner, R A Parina.

Furnace Permits

OAKLAND

468 MacArthur Blvd; owner, Kluss; dealer, Atlas Htg & Vent Co; central furnace.

1140 55th St; owner, Corriera; dealer, Atlas Htg & Vent Co; central.

362 Clifton; owner, Madison; dealer, Atlas Htg & Vent Co; floor

1004 40th Ave; owner, Hopkins; dealer, Atlas Htg & Vent Co; central furnace.

2828 Summit; owner, Foster; dealer, Atlas Htg & Vent Co; central.

2626 Minna St; owner, Stokes; dealer, Robt J Agers; floor.

4536 Walnut St; owner, Bostum; dealer, Robt J Agers; floor.

9131 San Leandro; owner, American Tractor Co; dealer, Aarvaks Htg Co; central furnace.

5244 Lawton; owner, Cordoni; dealer, Atlas Htg & Vent Co; central.

1208 Market; owner, Burma; dealer, Atlas Htg & Vent Co; central.

8021 Iris; owner, Pilton; dealer, Atlas Htg & Vent Co; floor.

4016 Rhoda; owner, Peterson; dealer, Atlas Htg & Vent Co; floor.

614 14th St; owner, Pelletine; dealer, Atlas Htg & Vent Co; central.

700 Apgar St; owner, Dunn; dealer, A E Hess; floor.

2470 Taylor St; owner, Henira; dealer, A & C Heating; floor.

4158 Mtn Blvd; owner, Lincoln Co; contractor, C Milehau; central.

5825 Harbord Dr; owner, Sevlau; dealer, Atlas Htg & Vent Co; central.

722 35th St; owner, Williams; dealer, Atlas Htg & Vent Co; floor.

Completion Notices

SAN FRANCISCO COUNTY

Recorded Accepted

Jan 26, 1946—S NEW MONTGOMERY St and Minna SE 140 x SW 147-2 (23rd and 25th flrs). Pacific Tel & Tel Co to Albert T Giampolini..............January 29, 1946

Jan ...., '46—MISSION Bay Roundhouse (retaining wall). Southern Pacific Co to Carrico & Gautier ....January 21, 1946

Jan ...., 1946—TUNNEL NO 3. S P Co to Rosenberg Brothers.......... ....January 25, 1946

CONTRA COSTA COUNTY

Jan. 15, 1946—Lot 30, Happy Valley Estates near Lafayette. E L Bayes to whom it may concern ....Jan. 10, 1946

Jan. 16, 1946—Ptn Lot 66, East Bay Center, El Cerrito. Minnie L Eakin to whom it may concern ....Jan. 14, 1946

Jan. 16, 1946—Lot 40 and ptn Lot 39, Block 89, Richmond Annex, Richmond. Frances E Armstrong to J R Armstrong...........Jan. 11, 1946

Jan. 19, 1946—Lot 20, Block 104, West Side Addition No 1, Pittsburg. Vincent G Siino to same..... ....Jan. 12, 1946

Jan. 19, 1946—Ptn Lot 16, R N Burgess Co's Map No 1 Del Hambre Terrace, Walnut Creek. Anthony F Lucas to M E Valente........... ....Jan. 11, 1946

Jan. 23, 1946—Lot 8, Tenth St Subdivision, Pittsburg. Salvator Cardinale to whom it may concern.... ....Jan. 21, 1946

Jan. 24, 1946—½ acre parcel NW corner Lakewood Rd and Mueller Rd in Lakewood Uplands, Walnut Creek. Curt Muler, et al to whom it may concern..Jan. 15, 1946

Jan. 25, 1946—Lot 10, Block 9, Map of City of Clyde, near Concord. James A Smith to whom it may concern...........Jan. 21, 1946

Jan. 25, 1946—Lot 10, Diablo View Acres, Unit No 1, near Walnut Creek. Clement E Rowlands to Van Bokkelen-Cole Co...Jan. 15, 1946

Jan. 28, 1946—Lot 3, Concord Heights near Concord. R W Orin to Elmer Miller........... ....Jan. 28, 1946

MARIN COUNTY

Jan. 30, 1946—Kent Woodlands. Chad Hulburt to A Von Rotz..... ....Jan. 24, 1946

Jan. 30, 1946—Kent Woodlands, Kentfield. John M Wolfe to Herbert A Crocker & Co....Jan. 29, 1946

Liens Filed

CONTRA COSTA COUNTY

Recorded Amount

Jan. 18, 1946—Ptn Lts 120, 157 and 158, Map of Sectionization of a part of Rancho Laguna De Los Palos Colorados, near Lafayette. J A Fazio vs A R Moffett, et al. $905.46

Jan. 18, 194....—Ptn of Rancho Acalanes, containing 0.50 acre, near Lafayette. J A Fazio vs Robert L Chambers, et al...........$710.80

Jan. 17, 1946—Ptn of Rancho Las Juntas, containing 6.005 acres, near Walnut Creek. Walnut Creek Building Material Co vs Sterns Archibald $287.19

Jan. 21, 1946—Ptn of Rancho Acalanes, containing 0.50 acre, near Lafayette. Conrod Rasmussen vs R L Chambers, et al...........$565.00

Jan. 22, 1946—Lot 290, Haciendas del Orinda, Orinda. Baylis Lighting Fixture Co vs August J Pene, et al $72.48

Jan. 23, 1946—Lot 28, Block 16, Emeric Subdivision No 2, San Pablo. W S Phillips vs Victor Ferrario $160.90

Jan. 30, 1946—Lot 290, Haciendas Del Orinda, Unit No 2, Orinda. Lorentzen Co vs A J Pane, et al $89.40

Jan. 30, 1946—Lots 16 and 17, Block 39, North Berkeley Terrace, El Cerrito. Richmond Navigation & Improvement Co vs Clinton Reeder, et al $50.98

Non-Responsibility

SAN FRANCISCO COUNTY

Jan 31, 1946—1801 VAN NESS Ave. Alfred L Marsten as to improvements on property.

Electrical Permits

SAN FRANCISCO

8163 6100 Geary Blvd; owner, Waxman; contractor, Pacific Electric; 6 outlets; service.

8164-69 Various locations and owners; contractor, Electrical Products; signs.

8170 2345 Filbert St; owner, ...; contractor, Martinez Electric; 5 outlets; 1 switch; 3 plugs; motors.

8171 12 7th St; owner, Photo Shop; contractor, Enterprise Electric Co; 2 outlets; 1 switch; 4 plugs.

8172 2345 Keith St; owner, Bauer; contractor, Enterprise Electric Wks; motors.

8173 119 9th St; owner, Laning Tire Co; contractor, Enterprise Electric; ....

8174 1659 10th Ave; owner, Hallgren; contractor, Richmond Electric; 10 outlets; 9 switches; 4 plugs; service.

8175 92 4th St; owner, Veit; contractor, Smith Electric; sign.

8176 77 O'Farrell St; owner, ...; contractor, Weidenthal-Gosliner; motors.

8177 1701 Montgomery St; owner, ...; contractor, Weidenthal-Gosliner; ....

8178 320 26th Ave; owner, ...; contractor, Frank F Goodman; ....

8179 630 Geary; owner, Clark; contractor, B J Doherty; 1 outlet; 1 switch

8180 E 25th Ave 300 S Quintara; owner, Pacific Coast Construction; contractor, B J Doherty; ....

8182-86 2031-35-39-43-47 29th Ave; Owner, Marvel Home Builders; contractor, B J Doherty; 11 outlets; 10 switches; 14 plugs; service.

8187-88 2107-11 33rd Ave; owner, Pacific Coast Construction Co; contractor, B J Doherty; 12 outlets; 11 switches; 15 plugs; service.

8189 2331-25 Quintara; owner, Pacific Coast Construction; contractor, B J Doherty; 12 outlets; 11 switches; 15 plugs; service.

8191-94 2231-27-23-19 38th Ave; owner, Pacific Coast Construction; contractor, B J Doherty; 12 outlets; 11 switches; 15 plugs; service.

8195 2101 32nd Ave; owner, Pacific Coast Construction; contractor, B J Doherty; 12 outlets; 11 switches; 15 plugs; service.

8196 2345 Quintara; owner, Pacific Coast Construction; contractor, B J Doherty; 12 outlets; 11 switches; 15 plugs; service.

8197 213 4th Ave; owner, Arbins; contractor, Malm & Welter; 2 outlets.

8198 702 Polk; owner, Chu; contractor, Malm & Welter; ....

8199 820 O'Farrell; owner, Ludermann; contractor, Malm & Welter; 1 outlet; 2 switches; 2 plugs.

8200 886 Broadway; owner, Alfred's; contractor, Malm & Welter; 12 outlets; 4 switches; 4 plugs; alterations.

8201 387 Bush St; owner, Halper; contractor, Malm & Welter; 5 plugs; motors.

8202 1201 Alemany Blvd; owner, Verattas; contractor, Malm & Welter; 3 outlets; 2 switches; 2 plugs.

8203 498 Eureka St; owner, Rek's Market; contractor, Porter Electric; 1 outlet.

FOR SALE
Fully Equipped
Brockway Line Truck
oOo
V. G. ELECTRIC CO.
330 SEVENTH ST., RICHMOND
Phone RICH. 4710

8204 160 Ellis St; owner, White Studios; contractor, Porter Electric; 2 outlets; 2 plugs.

8205 895 Post St; owner, Best; contractor, Byington Electric Co; 18 plugs.

8206 218 Presidio; owner, Stone; contractor, Byington Electric; 4 outlets; 2 switches; 6 plugs.

8207 1572 8th Ave; owner, Selcher; contractor, P & J Electric; 1 outlet; 1 switch; 4 plugs.

8208 1678 44th Ave; owner, Superior Building Co; contractor, Adams Electric Co; 10 outlets; 10 switches; 15 plugs; service.

8209-10 1434-38 42nd Ave; owner, Ingerman; contractor, Adams Electric Co; 14 outlets; 11 switches; 11 plugs; service.

OAKLAND

35179 2339 Bartlett Street; owner, Geo Spiropoulos; contractor, Special Owner; 2 outlets; 2 switches; 2 fixtures; 2 motors.

35180 2340 Pelham Place; owner, Thos J White; contractor, Special Owner; 4 outlets; 3 switches; 4 fixtures; 5 plugs.

35181 368 14th St; owner, Ole's Waffle Shop; contractor, Conrad El Co; new service.

35182 1237 48th Avenue; owner, Western Broom Handle Co; contractor, Conrad Electric Co; outlets; motors; switches.

Machinery & Material

(Continued From Page Three)

February 1, 1946

BIDS WANTED

DENVER, Colo.—Until February 11, 2 P. M., bids will be received by the Bureau of Rclamation, Office of Director of Finance, Custom House, Denver 2, Colo., under Inv. No. C-8564-A for furnishing and delivering materials, f.o.b. shipping point and/or Alamogordo, N. M., as follows:

Schedule No. 1

(1) 897,600 lin. ft. (170 miles) No. 4/0 AWG steel reinforced bare aluminum-stranded conductor having an effective copper equivalent cross-sectional area of 133,100 circular mils;

(2) 200 compression connectors suitable for the conductor furnished under item 1;

(3) 100 compression repair sleeves suitable for the conductor furnished undr item 1;

(4) 1650 tapered armor-rod assemblies for use with the conductor furnished under item 1, complete with two armor-rod clips per assembly;

(5) 21 tapered armor-rod assemblies, double support, for use with the conductor furnished under item 1, complete with two armor-rod clips per assembly;

(6) 60 parallel-groove clamps suitable for the conductor furnished under item 1;

(7) 200 vibration dampers suitable for the conductor furnished under item 1;

(8) 1 set equipment for installing the connectors and repair sleeves furnished under items 2 and 3 on the conductor furnished under item 1;

(9) 1 set (2 wrenches) wrenches for installing armor-rod assemblies furnished under items 4 and 5;

Schedule No 2

(10) 897,600 lin. ft. (170 miles) No. 2/0 AWG, hollow, hard-drawn, bare copper conductor having an effective copper cross-sectional area of 133,100 circular mils;

(11) 200 compression or rolled type connectors suitable for the conductor furnished under item 10;

(12) 1 set equipment for installing the connectors furnished under item 11 on the conductor furnished under item 10.

Specifications obtainable from the above office. • 43

February 1, 1946

BIDS WANTED

LEBEC, Kern Co., Calif.—Until February 11, 7 P. M., bids will be received by the board of trustees of the Pershing School District, Box 2, Grapevine, Calif., for furnishing one school bus.

Specifications obtainable by writing C. M. Hogue, Box 42, Grapevine, Calif. • 43

February 1, 1946

BIDS WANTED

CENTRAL VALLEY PROJECT, California.—Until March 15, 10 A. M., bids will be received by the Department of the Interior, Bureau of Reclamation, Denver, Colo., under Spec. 1154, for furnishing labor and materials and performing all work for the installation of drum gates, control equipment and miscellaneous metal work and dismantling steel trestle at Friant Dam, Friant Division, Central Valley Projct, California. The work is situated on the San Joaquin River about 1½ miles northeast of Friant, Calif.

The principal items of work and the estimated quantities involved are as follows:

Installation and testing of drum gates, control equipment and miscellaneous metal work; and

Dismantling steel trestle.

This invitation for bids does not cover the purchase of materials which are to be furnished by the government. Materials to be furnished by the contractor and those furnished by the government are described in the specifications which will be a part of the contract.

No charge to prospective bidders for copies of the specifications and drawings; to others, $1.75 per copy, not returnable.

Guarantee will be rquired with each bid in an amount not less than 10 per cent of the amount of the bid. • 34

Classified Advertising

WANTED

General Contractor wants FIRST-CLASS ESTIMATOR State experience, references and salary expected. Reply Box 131, c/o Daily Pacific Builder. to Feb. 5, 1946

ESTIMATOR with Building exp. or Engineering training. State previous exp. and education. Good future for ambitious young man. Reply Box 130 c/o Daily Pacific Builder. (tf)

EXP. ESTIMATOR for General Contractor, figuring industrial buildings. Location, Sacramento. Perm. Salary open. Write full particulars. P. O. Box 2071, Sacramento. (to 2/4/46)

ARCHITECTURAL DRAFTSMAN wanted. A-1 man. Working drawings and details. General work, schools and public buildings. Long Job. Write details and salary expected. F. T. Georgeson, P. O. Box 55, Eureka, Calif. Phone Eureka 394. (to 2/4/46)

BLDG. CONSTR. SUPT., good future. State experience and references. Reply Box 16, c/o Daily Pacific Builder. tf

POSITION WANTED

SALESMAN-ESTIMATOR — All Building Materials — wants position. Reply Box 21, c/o Daily Pacific Builder. to 2/7/46

Man with MARINE ENGINEERING EXP. wants position in boiler room and mechanical maintenance. Phone WEst 9361. (1/31, 2/1, 4/46

Official Proposal

FIRST PUBLISHED TODAY

Highway Imp.—Solano County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p. m. on **February 27, 1946**, at which time they will be publicly opened and read in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Solano County, across Napa River at West City Limits of Vallejo (X-Sol-208-A) a bridge fender to be repaired.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Carpenter	$1.75
Electrician	1.70
Flagman	1.00
Laborer	1.00
Oiler power shovels or cranes	1.40
Pile driver hoistman or operator	1.85
Pile driver man	1.61
Tractor driver	1.70
Any classification omitted herein not less than	1.00

Overtime: one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen): one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (See said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer
Dated: February 1, 1946.
(Daily Pacific Builder)
(Feb. 1, 8, 15, 1946)

FIRST PUBLISHED TODAY

Highway Improvements—Contra Costa County

SECOND ADVERTISEMENT

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **February 27, 1946**, at which time they will be publicly opened and read, in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Contra Costa County, between Concord Avenue and four-tenths (0.4) mile west of Ohmer Station (IV-C.C-75,106-E,Cnd,C), about two and three-tenths (2.3) miles in length, to be graded and paved with Portland cement concrete.

Bids are required for the entire work described herein.

THIS IS A NATIONAL DEFENSE CONTRACT UNDER THE DEFENSE HIGHWAY ACT OF 1941

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Skilled Labor	
Asphalt plant mixer operator	$1.45
Asphalt spreading machine operator	1.75
Carpenter	1.75
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity)	1.70
Mechanical tamper and finisher operator (concrete or asphalt)	1.70
Motor grader operator	1.85
Operator of power shovel or other excavating equipment, shovl type controls (up to and including one cubic yard)	2.00
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.25
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (8 cubic yards water level capacity or more)	1.625
Truck driver (6 cubic yards and less than 8 cubic yards water level capacity)	1.3125
Truck driver (4 cubic yards and less than 6 cubic yards water level capacity)	1.1875
Intermediate Grade Labor	
Asphalt plant dryerman or fireman	1.40
Concrete vibrator operator	1.25
Headerboard man	1.375
Jackhammer operator	1.25
Oil distributor bootman	1.00
Oiler, power shovels or cranes	1.40
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Unskilled Labor	
Flagman	1.0625
Laborer	1.0625

Positions not listed above will be allocated in accordance with the definitions which appear in the special provisions, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.1875 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.0625 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.0625 per hour.

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable herto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposed to be done will be financed in whole or in part with Federal funds and that therefore all of the applicable Federal statutes, rules, and regulations will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifications regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications, regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (see said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated February 1, 1946.
(Daily Pacific Builder)
(Feb. 1-8-15, 1946)

Highway Improvements—El Dorado County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **February 13, 1946**, at which time they will be publicly opened and read in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, of a portion of State Highway as follows:

El Dorado County, between Shingle Springs and 1¼ miles west of El Dorado (III-E.D-11-B) about three and four-tenths (3.4) miles in length, to be graded and surfaced with plant-mixed surfacing on crusher run base.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per Hour
Skilled Labor	
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.375
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity)	1.70
Motor grader operator	1.85
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Renforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.4375
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.3125
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.25
Intermediate Grade Labor	
Concrete vibrator operator	1.25
Jackhammer operator	1.25
Oil dstributor bootman	1.00
Oiler, power shovels or cranes	1.25
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.0625
Truck driver (less than 4 cubic yards water level capacity)	0.90
Unskilled Labor	
Flagman	1.00
Laborer	1.00

Positions not listed above will be allocated in accordance with the definitions which appear in the special provisions, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.25 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.00 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.00 per hour.

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposed to be done will be financed in whole or in part with Federal funds and that therefore all of the applica- Federal statutes, rules, and regulations will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifications regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications, regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, nad forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the wor kis situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (see said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated January 18, 1946.
(Daily Pacific Builder)
(Jan. 18-25, Feb. 1, 1946)

Warehouse—California National Guard, Sacramento, Calif.

STATE OF CALIFORNIA
DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the Division of Architecture, Public Works Building, 1120 "N" Street, Sacramento, California, up to 2:00 P. M., Tuesday, February 5, 1946, said bids thereafter on said day to be publicly opened and read for Warehouse, California National Guard, Sacramento, California, in accordance with plans and specifications therefor.

The work includes the construction of a 1-story brick and reinforced concrete Warehouse. The floor area will be 4400 square feet, approximately.

Prevailing Wage Scale: In accordance wtih the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

	Hourly Rate
Bricklayers	$1.87½
Bricklayers' Hod Carriers	1.15
Carpenters	1.50
Cement Finishers	1.50
Electric Workers	1.70
Engineers, Portable Hoist or Otherwise	1.50
Glass Workers	1.26
Iron Workers, Architectural	1.60
Iron Workers, Reinforcing Steel	1.50
Laborers, Building	1.06¼
Painters	1.43
Roofers	1.50
Sheet Metal Workers	1.50
Any classification omitted herein not less than	1.06¼

Overtime—One and one-half times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal Officer or agency, in so far as the same may be applicabel to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal Order, whether higher or lower, shall control.

Apprentices may be employed provided they are properly indentured to the Contractor in full compliance with the provisions of Section 1777.5 of the Labor Code.

Plans and specifications for examination are on file in the Office of the Division of Architecture, Public Works Building, Sacramento, and Room 803 State Office Building, Los Angeles, and at the principal California Cities Builders' Exchange Offices.

Contractors who are prequalified and who are desirous of securing plans, specifications and proposal forms for the purposes of preparing and submitting a proposal for this work may do so by requesting same in writing from the Division of Architecture, Public Works Building, Sacramento.

Prequalification: Plans, specifications and proposal forms will only be issued to those contractors who are prequalified with the Department of Public Works by having filed a statement of experience and financial condition on a standard questionnaire form in accordance with the provisions of the State Contract Act. Such statement must have been filed and approved not more than one (1) year and not less than five (5) days previous to the date set for receiving and opening bids. Contractors may obtain standard questionnaire forms from the Division of Architecture.

No bid will be accepted from a contractor who has not been licensed in accordance with the provisions of the Contractor's License Act or to whom a proposal has not been issued by the Department of Public Works.

No bid will be considered unless it is presented on a proposal form furnished by the Division of Architecture and accompanied by a bidder's bond, cash, a cashier's or certified check made payable to the Director of Public Works in the sum of at least ten per centum (10%) of the amount of the bid.

The Department of Public Works reserves the right to reject any or all bids and to waive any informality in any bid received.

No bidder may withdraw his bid for a period of thirty (30) days after the time set for opening thereof.

DEPARTMENT of PUBLIC WORKS
DIVISION OF ARCHITECTURE
ANSON BOYD,
State Architect.
(Daily Pacific Builder)
(Jan. 18-25, Feb. 1, 1946)

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PLANS and Speculations

Construction of a new telephone building on the southwest corner of Second and D Streets in SAN RAFAEL is scheduled to be started by June 1. The building, which will be built by Sam and Zekie Smith for lease to the telephone company, will be of wood frame construction and stucco exterior with approx. 5000 sq. ft. of floor space. S. Heiman is the architect.

oOo

Bert Paxton, BUTTE COUNTY consulting engineer, has been authorized by the board of supervisors to employ the engineers of the Warren Bridge Company of San Francisco to draw plans and specifications for the new bridge to replace the old Bidwell Bar suspension span.

oOo

The Assembly Governmental Efficiency Committee has given favorable recommendation of a bill to provide $500,000 for the construction of a State building in SAN JOSE.

oOo

The San Joaquin Valley Walnut Growers Association are in the process of selecting a site for a new plant, to cost approximately $150,000. The location of the new structure will be in the STANISLAUS area.

oOo

Plans for a new school building were submitted to the board of directors of the SELMA (Fresno County) Elementary School District by W. D. Coates, Fresno architect. A fund of $55,000 is available for the project.

oOo

Expenses of installing a new sewer system in SPARKS, Nev., will be met with a bond issue of approximately $100,000. Of the total, about $70,000 will be allocated to the installation of the new system and about $30,000 to overhaul the disposal plant. Planning work, financed by Federal Works Agency funds, has been compiled, according to George Schilling, project engineer.

oOo

P. J. Pasetta Construction Company is to erect a building at the northwest corner of Franklin and Main Streets in SANTA CLARA for Mrs. F. R. Hayward. The $25,000 structure will have an 82-foot frontage on Franklin Street and will contain three stories.

oOo

Services of L. O. B. Lindstrom, San Francisco electrical engineer, are being sought by the Board of Directors of the Truckee-Carson Irrigation District. A survey is to be made for the purpose of increasing generation of electrical power in the district.

oOo

Bureau Has Over $35,000,000 For Central Valley

A contract for $102,220 to manufacture and deliver nine penstock intake gates for Keswick Dam on the Central Valley irrigation and multiple-purpose project in California has been authorized for award to the American Bridge Company of Denver, Commissioner of Reclamation Michael W. Straus informed the regional office at Sacramento Thursday, January 31.

The steel gates, approximately 12½ by 23½ feet in size, are to be installed at the upper end of the intake passages through which water flows from the reservoir to the turbines in the power plant. The gates will shut off the flow of water through the intake passages so that the necessary inspection and maintenance work can be done inside the penstocks and on the turbines.

Keswick Dam, located 9 miles below Shasta Dam on the Sacramento River, is designed to provide an afterbay for the "parent" dam, to provide for generation of power from three 25,000 kilowatt units, and to protect migratory fish.

Commissioner Straus said that this contract for Keswick gates is one of many material and construction contracts which the Bureau of Reclamation is preparing to let this year on the Central Valley and other Reclamation projects. The Bureau will have more than $35,000,000 available in 1946 for resuming work on various features of the Central Valley Project delayed by the war.

Work to be done will include finishing touches on three dams, Shasta, Keswick, and Friant, continued building of the 160-mile Friant-Kern Canal, and initial construction on the 110-mile Delta-Mendota Canal, both channels of river-size proportions. Other important undertakings on the Central Valley Project this year will be the completion of the last ten miles of the Contra Costa Canal System and the building of the Oroville to Sacramento section of a 230-kv transmission line from Oroville to Tracy.

Brookman Company Organized to Serve Building Industry With Complete Line

Builders in the San Francisco Bay Area will be interested in the establishment of a new firm, The Brookman Company, which will serve the building industry with floor coverings, acoustical materials, building materials, marine deck coverings, and similar lines.

While The Brookman Company as an organization is new, the personnel is well known to bay area builders. Owner of the company is J. A. Mancini, who for several years past has been district manager of L. D. Reeder Company, and previously was district manager of Turner Resilient Floors, Inc., having founded their West Coast office nine years ago. Associated with Mancini will be William O'Connor and several other former employees of L. D. Reeder Company.

A bit of human interest attaches to the name of the new company. Establishing his firm on a sound, substantial basis that will carry far into the future, Mancini looks ahead to the time when his son, now a small boy, will participate in the business. With this in mind, he has combined the two names, Brooks for his little son, Mancini for himself, into the new name, The Brookman Company.

A temporary location has been secured at 55 Main Street until such time as more suitable quarters may be leased or purchased.

The Brookman Company is already a going concern and those associated with the new firm are prepared to serve their many friends in the building industry with the same courtesy, efficiency and integrity that has characterized their service in the past.

V

Victor R. Sandner Appointed To New Moore Dry Dock Post

The Moore Dry Dock Company today announced the appointment on February 1, of Victor R. Sandner as manager of their Structural Steel Division. Sandner has been with the Company since 1929 and previous to that time spent 13 years on structural engineering work for engineers and architects in the Bay area.

During World War II he was in charge of the Structural Steel Department's operations on many important private and war contracts. The Company is now furnishing, fabricating and erecting steel on numerous buildings and projects in connection with reconversion and plant expansion in the Western States. Sandner's wide experience and ability in the structural steel field well suits him to serve industry on all structural steel work.

V

NOTICE OF CANCELLATIONS

Sheet Metal Worker—Coppersmith

The duration examinations for Sheet Metal Worker-Coppersmith announced on the bulletin issued Sept. 15, 1945, has been canceled by the State Personnel Board.

Terminal Island Shipyard Materials To Go Out For Bids

The California Shipbuilding Corporation has been auhtorized by the United States Maritime Commission to demolish the shipyard facilities located at Terminal Island. These facilities were built for the emergency production of cargo vessels and consists of the shops, offices, ways, and all other buildings and structures which formed tthe second largest emergency shipyard in the United States.

It is the plan of the California Shipbuilding Corporation to offer the buildings and structures to enterprising California contractors of character in order that the materials which are now incorporated in the facilities, may be available for use in West Coast construction activities.

The facilities have been divided into moderately sized areas and bids will be sought for the materials in these areas as soon as the structures are vacated and ready for demolition. Some areas are available at the present time and the balance of the areas will become available at more or less regular intervals during the next several months.

The following items are available now at "Calship": piling (treated and untreated), cyclone fencing, durable tools, buildings, tractors, trailers, welding machines lumber, piping, cranes, structural steel, trucks, glass, plumbing fixtures.

It is believed that this offers an opportunity to acquire materials for construction at reasonable prices and fulfills a desire to place these materials on the market as quickly as possible.

Contractors interested in participating in any of this work should communicate with J. M. Warfield California Shipbuilding Corporation, P. O. Box 966, Wilmington, Calif.

GROOVER AND I

STRICTLY PERSONAL

As my Readers know, I have just discovered that a hospital bed is no fun. I think I am back to normal as I am beginning to "protest" various things, and worry about the National Debt.

★ ★ ★

The experience left me with a respect for penicillin and a deep appreciation of the many friends this column has made through the years in its anonymous fashion.

★ ★ ★

There was a gratifying number of messages, phone calls and cards received at the "Builder" office. Rather than a roster of names, I ask you to each accept a generous share of this collective "Thank You".

★ ★ ★

During the lost month-end another date was skated over. January 24 marked the end of the SIXTEENTH year YOUR column has appeared. I say YOUR column because it has been your acceptance of this effort which has maintained its place.

★ ★ ★

Your column is unique in that it is written without credit of by-line. Personal credit or recognition has been carefully avoided. It has been the first objective to make this column "stand on its own feet" without benefit of name, personality, or acquaintance.

★ ★ ★

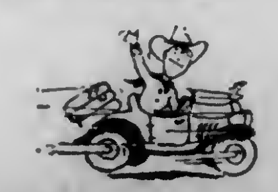
The copy sometimes evokes sharp criticism. This has generally been an honest and healthy difference of opinion.

★ ★ ★

If I can set up a screen against which you project your thoughts, it is not necessary that the pictures match. Anything causing either of us to think is worthwhile.

★ ★ ★

For sixteen years the joy of the doing has been its own reward. To this has been added a full measure of rich compensation through your acceptance and friendly words of encouragement.



UNO Capital Should Be Worthy Of Its High Purpose, AIA Declares

Formation of a nation-wide committee of leading architects, selected to provide the best ability and experience of the American architectural profession, is planned as a contribution toward the development of the new United Nations Capital, it was announced today by The American Institute of Architects.

In making available this professional experience to the U.N.O. officials, the Institute placed special emphasis on the fact that it "is not interested in getting jobs, nor is it interested in what specific site the U.N.O. Committee may select." The proposed committee would serve only in an advisory capacity on the procedure and method calculated to give U.N.O. a worthy setting.

"As representatives of the only national professional organization or architects in the United States," the Institute explained, "we are, however, assiduously interested in seeing that physically the new U.N.O. Capital shall measure up to the objectives of the U.N.O. It is more than likely that the architects here established will set a pattern for future generations.

(Continued on Page Four)

AIA-STRUCTURAL ENGINEERS JOINT DINNER

John S. Bolles, President of the California Council of Architects, announces that the AIA, Northern California Chapter, and the Structural Engineers' Association are planning to hold a joint meeting in March. Further details on this dinner meeting will be announced at a later date. "Members of these organizations," Mr. Bolles said "should not confuse the February 1 announcement in the Daily Pacific Builder of a meeting scheduled for February 8, under the auspices of the Engineers and Architects Association, with the regularly scheduled meeting of either the Structural Engineers, the AIA, State Association of California Architects, or the California Council of Architects. The Engineers and Architects Association has no affiliation with any of the above organizations."

OPA Liberalizes Provisions Of Order No. 133

The Office of Price Administration has liberalized one provision of the order of September 15, 1945, under which individual company price adjustments other than reconversion adjustments were authorized for a wide variety of industries.

The action amended, issued as Supplementary Order No. 133, is for the use of manufacturers of certain commodities covered by regulations that lack as liberal provision for price adjustments, OPA said.

The provision being amended is an eligibility provision, which formerly required an applicant to show that failure to receive a price adjustment would compel him to conduct his entire business operations at a loss, presumably even though his total business operations might comprise several separate plants, companies or corporations.

Under the amendment, effective January 15, 1946, OPA can give individual consideration to hardship claims involving one or more such operating units. In a statement accompanying the action, however, OPA said that adjustments would be considered only "where the applicant affirmatively shows that adjustment of, or failure to adjust, prices of the separate plant will not affect the operations, costs or operating profits of any other business establishment having common ownership or other affiliation."

Under the order as originally written, OPA said, one of several plants or corporations under common ownership occasionally had to be denied relief because — due to unusually profitable operation of the other plants or corporations— the owners could not show over-all loss. In some cases to deny the request has seemed out of line with the general transition adjustment policy, OPA said.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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1-8—COMMERCIAL BLDGS.

2/4/46 6
CONTRACT AWARDED
STORE BLDG. Cost, $200,000
MENLO PARK, San Mateo Co., Calif. Santa Cruz Ave. near Chestnut St.
Construction of one-story reinforced concrete and frame store building.
Owner—Ross Chamberlain, Inc., Chestnut and Spring Sts., Redwood City.
Contractor—Peninsula Pacific Construction Co., Chestnut and Spring Sts., Redwood City.

2/4/46 3
COMPLETING PLANS

LOS ANGELES COUNTY, Calif.—William J. Moran Co., 1011 S. Fremont Ave., Alhambra, is preparing plans and will start construction of a one-story cork storage building at 6014 Walker Ave., Los Angeles, March 1 for the Mundet Cork Co.; 100x280 ft. in area, brick construction, composition roofing, steel sash, concrete floor, plumbing work; approximate cost, $90,000.

2/4/46 1-8
TO ASK BIDS

LONG BEACH, Los Angeles Co., Calif.—The city council of the City of Long Beach has approved plans and specifications and authorized Samuel E. Vickers, city manager, City Hall, Long Beach, to issue a call for bids for repairs to the gas department's 10,000,000 cu. ft. storage holder; est. cost, $50,000.

2/4/46 * * 4
COMPLETING PLANS
REMODEL OFFICES Cost, $5000
SAN FRANCISCO. 221 Sansome St.
Remodeling of premises.
Owner—Login Corp., 300 Montgomery Street.
Architects—S. Heiman and Ralph N. Pollack, 605 Market Street.

2/4/46 * * 4
TO ASK BIDS
OFFICE BLDG. Cost, $45,000
SAN RAFAEL, Marin Co., Calif. SW corner 2nd and D Streets.
Construction of one-story frame and concrete office building.
Owner—Z. & S. Smith, c/o Architect.
Lessee—Pacific Telephone and Telegraph Co, 140 New Montgomery St., San Francisco.
Architect—S. Heiman, 605 Market St., San Francisco.

Plans are being completed and bids will be asked within one week.

2/4/46 6
CONTRACT AWARDED

INGLEWOOD, Los Angeles Co., Calif.—Architect Frederick Hodgdon, 6636 Hollywood Blvd., Hollywood, is completing plans for a one-story and mezzanine brick, concrete, steel and wood frame sales and service building (150x153 ft.) to be built at Hillcrest Blvd. and Locust St., Inglewood, for W. C. Campbell; Firestone Tire & Rubber Co., lessee; cost, $50,000. R. E. Payne, 7526 Crenshaw Blvd., Los Angeles, will be the contractor.

2/4/46 8
SUB-CONTRACTS AWARDED
AUTO SALES BLDG. Cost, $30,000
VISALIA, Tulare Co., Calif. Corner Mineral King and Tipton Avenues.
Construction of brick auto sales and service building.
Owner—James M. McAllister, Inc., Visalia.
Plans by Owner.
Contractor — Trewhitt, Shields and Fisher, Pacific Southwest Building, Fresno.
Plumbing—Rudy Kohler, Visalia.
Electric Wiring and Heating—Wayne Sutton, 627 S Garden, Visalia.
Glass, Mill Work, Hardware, Overhead Doors—Visalia Planing Mill, 514 E Main St., Visalia.
Brick and Stone Work—Joe Farina, Fresno.
Lumber—Sequoia Lumber Co., 1100 E Main St, Visalia.
Reinforcing Steel, Structural Shed—Kyle & Co., 346 G St., Visalia.

2/4/46 4
WORK UNDER WAY
OFFICE Est. Cost, $80,000
SEATTLE, Wash. At old Fisher Body plant.
Construction of brick veneer and frame office bldg. (70x134-ft.)
Owner—Kenworth Motor Truck Corporation, 1263 Mercer.
Contractor—The Austin Co., Dexter Horton Bldg.

2/4/46 * * 6
PREPARING
WORKING DRAWINGS
ALTER BUILDING
SAN FRANCISCO. NE Corner 7th Avenue and Clement Street.
Alterations and additions to building involving elevator shaft construction, stucco exterior, electrical and plumbing work.
Owner—Withheld.
Architect—Leonard Mosias, 255 California Street.

2/4/46 * 6
CONTRACT AWARDED
STORE BUILDING
Cost bet. $35,000 and $40,000
SAN LEANDRO, Alameda Co., Cal. Georgia Way and E 14th Street.
Construction of a 40-ft. corner store, with two 20-foot stores adjoining. Building to be of brick and stucco construction with green vitrolite slab facing with glass brick and smooth sea foam green light.
Owner — L. J. Freeman, 41 Oakes Blvd., San Leandro.
Architect — Theodore N. Thompson, 3045 Roxbury St., Oakland.
Contractor—Andrew C. Jensen, 220 E Figueroa, Santa Barbara.

2/4/46 * * 8
PREPARING
PRELIMINARY PLANS
ALTERATIONS
SAN FRANCISCO. 1009 Market St.
Alterations and additions to luggage store involving general repair work, electrical, plumbing, painting, carpentry and mill work.
Owner—Withheld.
Architect—Leonard Mosias, 255 California Street.

2/4/46 * * 7
PREPARING
WORKING DRAWINGS
FOOD CENTER
SAN FRANCISCO. SE corner 37th Avenue and Balboa Street.
Construction of one-story and basement frame and stucco food center with parking area for 20 cars.
Owner—Withheld.
Architect—Leonard Mosias, 255 California Street.

When plans are completed they will be figured by a selected contractor.

2/4/46 * 3
PLANS BEING FIGURED—BIDS OPEN FEBRUARY 15
WAREHOUSE
SAN FRANCISCO. 7th and Irwin Sts.
Construction of warehouse.
Owner—Standard Oil Co. of California, 225 Bush St.
Plans by The Austin Co., 618 Grand St., Oakland.

Plans are being figured by a selected list of contractors.

9-10—EDUCATIONAL BUILDINGS

2/4/46 9
PREPARING PLANS

SAN DIEGO, Cal.—Architects Kistner, Curtis & Wright, 401 Spreckels Theater Bldg., San Diego, are preparing plans for the construction of an 8-classroom, cafeteria and music room addition to the Herbert Hoover High School, San Diego, for the San Diego Unified School District. Est. cost, $206,700.

2/4/46 9
FUNDS AWARDED

LOGAN, Cache Co., Utah.—A. B. Paulson, state architect, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $8800 will be furnished the State of Utah for the purpose of assisting in the preparation of plans for the construction of an engineering building for the State Agricultural College at Logan. It is planned that this will be a two-story and basement structure of fireproof construction and containing classrooms, lecture rooms, laboratories, etc., with an approximate area of 42,000 sq. ft. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $249,980, to be furnished by legislative appropriation. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

H. C. Jessen, located at Salt Lake City, is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Utah. The architect to make the final plans for the college engineering building has not yet been selected.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available.

2/4/46 9
FUNDS AWARDED

SALINAS, Monterey Co., Calif.—R. D. Case, Supt., Salinas City School District, has received the information from W H. Cheney, division engineer in charge of the Bureau of Community Facilities of Federal Works Agency, Berkeley, that funds to the amount of $12,800 will be furnished the school district for the purpose of assisting in the preparation of plans for constructing additional school facilities at the Sherwood School site, including classrooms, toilets, an auditorium and gymnasium. The plans can now be completed and all arrangements made for construction

The estimated cost of the facilities will be $100,000, to be furnished from available cash, tax receipts and other funds. The funds made available through the Bureau of Community Facilities of Federal Works Agency are to be repaid without interest when the construction begins.

H. E. Devereaux, located at Berkeley, is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Northern California, and C. E. Butner, Salinas, is the architect for the school district to make the final plans.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available.

2/4/46 9
FUNDS AWARDED

COUNTY OF HAWAII, T. H.—Clem A. Akina, chairman and executive officer of the County of Hawaii, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $13,000 will be furnished the County of Hawaii for the purpose of assisting in the preparation of plans for constructing a new 16-classroom school with office, library, kitchen, cafeteria at Paauilo, and development of improvements to Wailoa River Park, to consist of channel walls, boat basins, swimming pool, roads, walks, landscaping and allied appurtenances. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $328,000, to be furnished from funds appropriated by the Territorial Legislature. The funds made available through the Bureau of Community Facilities of the Federal Works Agency are to be repaid without interest when the construction begins.

C. W. Schruth, located at Honolulu, is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Hawaii, and E. L. Wung is the engineer for the County of Hawaii to make the final plans.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available.

2/4/46 39
FUNDS AWARDED

LOS ANGELES, Los Angeles Co., Calif.—Lloyd Aldrich, city engineer and coordinator for federal, state and county projects for the City of Los Angeles, has received the information from W. H. Cheney, division engineer in charge of the Bureau of Community Facilities of the Federal Works Agency, Berkeley, Calif., that funds to the amount of $20,990 will be furnished the city for the purpose of assisting in the preparation of plans for constructing extensions to the sanitary sewer system with all necessary appurtenances to serve the Beloit Ave. and Montana Ave. Sewer District, the Montline Lane and Montana Ave. Sewer District, the Inglewood Blvd. and Herbert St. Sewer District, the Bundy Dr. and Sunset Blvd. Sewer District, the Saltair Ave. and Crescenda St. Sewer District, the Farmdale Ave. and Sylvan St. Sewer District, the Bonhill Rd. and Greencraig Rd. Sewer Sewer District, the Mandeville Canyon and Sunset Blvd. Sewer District, the Riverside Dr. and Laural Canyon Blvd. Sewer District and the Anaheim St. and Henry Ford Ave. Sewer District. The plans can now be completed and all arrangements made for construction.

The estimated cost of the facilities will be $683,100, to be furnished from direct assessment against benefited property. The funds made available through the Bureau of Community Facilities of Federal Works Agency are to be repaid without interest when the construction begins.

Wright L. Felt, located at Los Angeles, Calif., is the engineer for the Bureau of Community Facilities of the Federal Works Agency for Southern California, and Lloyd Aldrich, city engineer, will make the final plans.

Mr. Cheney stated that work on the plans will be started at once so that construction may begin without delay when funds and materials are available.

2/4/46 9
ARCHITECT SELECTED

COLTON, San Bernardino Co., Calif. Architects Kistner, Curtis & Wright, Architects' Bldg., 816 W. 5th St., Los Angeles, have been commissioned to prepare plans for the construction of new school buildings at Colton for the Colton Elementary School District, Colton, San Bernardino County. The project will include two new elementary school plants consisting of a six-classroom and kindergarten building and administration building each, and remodeling of a kindergarten building at the existing Washington School. A bond issue of $295,000 was approved on January 25.

2/4/46 9
ARCHITECT SELECTED

CULVER CITY, Los Angeles Co., Calif.—Architect William H. Harrison, Architects' Bldg., 816 W. 5th St., Los Angeles, has been commissioned to prepare plans for the construction of a classroom and auditorium building at the Farragut Dr. Eelementary School, 10,830 Farragut Dr., Culver City, by the Los Angeles Board of Education, 1425 S. San Pedro St., Los Angeles. The cost is estimated at $120,000.

11—HOSPITALS

2/4/46 11
CONTRACT AWARDED

LOS ANGELES COUNTY, Calif.—Baruch Corp., 625 S. Olive St., Los Angeles, at $565,000, awarded contract for construction of a medical building at 6383 Wilshire Blvd. for the Medical Holding Co., Seymour Kern, business manger, 6233 Wilshire Blvd., Los Angeles. The building will be five stories and basment, plus penthouse, and will be of reinforced concrete construction, to contain approximately 45,000 sq. ft. of floor space, with provisions for 65 office units in the upper stories and professional stores on the ground floor, and will contain two elevators. Plans prepared by the Donald R. Warren Co., engineers, 500 S. Figueroa St., Los Angeles.

2/4/46 11
TO ASK BIDS
HOSPITAL Est. Cost, $600,000
YAKIMA, Wash. 28th and Division.
Construction of Memorial Hospital.
Owner—Memorial Hospital Assn., E. B. Mueller, Treasurer, Yakima.
Architect—Withheld.

2/4/46 11
COMPLETING PLANS
HOSPITAL Est. Cost, $650,000
SELAH, Wash. Site not determined.
Construction of 125-bed T. B. hospital
Owner—Yakima County, Fred Redmond Chairman, County Board of Commissioners.
Architect—John Maloney, Larson Bldg., Yakima.

State T B hospital building committee has authorized a $525,000 grant and an additional $100,000 to be raised by 1 mill tax levy.

2/4/46 11
BIDS WANTED—TO BE OPENED FEB. 19, 2 P. M.
HOSPITAL Est. Cost, $340,000
SALEM, Oregon.
Construction of 3-story hospital, cottage farm, 330- ft. long, 5 wings, 93x40-ft each, reinf. concrete, buff colored brick, tile pitched roofing.
Owner—Oregon State Board of Control, Roy Mills, Secty., State Capitol, Salem.
Architect—Sutton, Whitney & Aandahl, Lewis Bldg., Portland.

Following contractors have taken out plans:

Halvorson Constr. Co., First National Bank Bldg., Salem.

Donald M. Drake Co., Lewis Bldg., Portland.

Oscar Wayman, Lewis Bldg., Portland.

Charles Schmiedeskamp, 142 SW Broadway, Portland.

George Jackson, 3297 NW Irving, Portland.

E. E. Settergren, Henry Building, Portland.

W. C. Smith, Inc., Board of Trade Bldg., Portland.

2/4/46 11
SITE ACQUIRED
HOSPITAL Est. Cost, $1,500,000
SEATTLE, Wash. Union Street and Broadway.
Construction of 7-story Sanipractic Hospital; fireproof, reinf. concrete faced with gastone.
Owner — Sanipractic Hospital, Inc., Dr. John E. Lydon, Pres., Green Bldg.
Consulting Engr.—Josiah C. Moore, J. Vance Bldg., Seattle.

2/4/46 * 11
CONTRACT AWARDED
MEDICAL-DENTAL BUILDING
Cost, $2,000,000
SAN FRANCISCO. 1350 Post St.
Construction of a 10-story and 2-story basement garage, reinforced concrete and structural steel medical-dental building (130x140 feet in area), four elevators, air conditioning system, etc.
Owner—Withheld.
Architects—Douglas D. Stone & Lou B. Malloy, 381 Bush St., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

Preliminary plans are now being prepared by the architects.

12-13—INDUSTRIAL BUILDINGS

2/4/46 * * 12
CONTRACT AWARDED
WINERY Cost, $650,000
FRESNO, Rresno County, Calif.
Construction of reinforced concrete co-operative winery plant
Owner—Del Rey Cooperative Winery Association, Lee Bertelsen (Selma) president; Henry Andersen (Fresno) vice-president, Fresno.
Plans by Owner.
Contractor — Trewhitt, Shields and Fisher, 1501 Pacific Southwest Bldg Fresno.

2/4/46 * * 12
CONTRACT AWARDED
FACTORY AND OFFICE BLDG.
Cost, $50,000
EMERYVILLE, Alameda Co., Calif. Hollis St. bet. 66th and 67th Sts.
Construction of a part 1- and part 2-story masonry, reinforced concrete and structural steel factory and office building, 100x120 ft. in area, composition roof, steel sash.
Owner—Atlas-Pacific Engrg. Co. 3421 Hollis St., Oakland.
Architect—Harry Bruno, 1440 Broadway, Oakland.
Contractor—Fred J. Early, Jr, 369 Pine St., San Francisco.

2/4/46 12
PLANS COMPLETED 4
WAREHOUSE Est. Cost, $100,000
SEATTLE, Wash. 1218 E Cherry.
Construction of 3-story cold storage warehouse.
Owner—Olympic Pie Co., 1218 East Cherry St.
Architect—Reese & Callender, 314 E John Street.

Work will start in early spring.

2/4/46 12
WORK UNDER WAY
PLANT Est. Cost, $100,000
TACOMA, Wash. 409 Puyallup.
Construction of potato chip plant, concreet block walls, office, shipping platform, rail facilities.
Owner—Nalley's, Inc., 409 Puyallup, Tacoma.
Contractor—The Austin Co., Dexter Horton Bldg., Seattle.

2/4/46 12
PREPARING PLANS
INSULATION PLANT
Estimated Cost, $50,000
TACOMA, Wash.
Construction of 4-story insulation plant, office building, warehouse, etc.
Owner—Independent Insulation Co., Inc., Smith Tower, Seattle.
Architects—Daniel Lamont & Lester P. Fay, 707 E. Prospect, Seattle.
Contractor—Hainsworth Construction Co., 3028 Western, Seattle.

Firm to manufacture mineral wall insulation.

2/4/46 12
PREPARING PLANS

LOS ANGELES COUNTY, Calif.—Architects W. J. and K. M. Saunders, 785 E. Pico Blvd., Los Angeles, are preparing working drawings for the construction of a hardware manufacturing building (45x143 ft.), one and two stories in height, to be located on 63rd St., 100 ft. east of Central Ave., Los Angeles, for H. A. Swenson.

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WANTED

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PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Buildings and Utilities Spec. 17379, NOy 13211	Inyokern	2- 5
Warehouse California Natural Guard	Sacramento	2- 5

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Laboratory Bldg., Moffett Field; Bids close February 8, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
Carl N. Swenson Co., 355 Stockton Ave., San Jose (BAllard 2602).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054).
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
M. J. King, Inc., 231 Franklin Street, San Francisco (UNderhill 8209).
Peter Sorensen, 927 Arguello St., Redwood City (Redwood 2212).
Parker, Steffens & Pearce, 135 South Park, S. F. (EXbrook 6639).

Expansion Sheet Metal Shop, Etc., S. F. Naval Shipyard; Spec. 17230; Bids open February 7, 11 A. M.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209-.
Clinton Constr. Co. of Calif., 923 Folsom St., San Francisco (SUtter 3440)

Store Bldg., Railroad Ave. and E 7th St., Pittsburg; Bids open Feb. 9, 11 AM
Barrett & Hilp, 918 Harrison St.. San Francisco (DOuglas 0700).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Louis C. Dunn Co., 799 Monadnock Bldg., San Francisco (YUkon 1471)
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).

Candy Factory, Ocean Ave. near 19th Ave., S. F.; Bids open Feb. 4, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).
Midstate Constr. Co., 1299 Bush St., San Francisco (ORdway 4638).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).
C. F. Parker, 1644 Monterey Blvd.. San Francisco (OVerland 5357).
Monson Brothers, 475 Sixth St., San Francisco (DOuglas 5357).
Rademann-Giusto, 40 Ringoldl St., San Francisco (MArket 8151).
De Luca & Son, 1745 Filbert St., San Francisco (ORdway 3600).
Haas Constr Co., 326 Merchants' Exchange Bldg., S. F. (EXbrook 1205).

Tulana Farms Grain Elevator, Worden, Ore.; Bids ipen Feb. 14, Noon.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

Tank Truck Loading Fac., Standard Oil, Richmond; Bids open Feb. 18, Noon
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980
Barrett & Hilp. 918 Harrison St., San Francisco (DOuglas 0700).

Bldgs., Paving and Utilities, U. S. Navy Sta., Inyokern; Spec. 17379; NOy 13211; Bids open February 5, 2 P. M.
Johnson, Drake & Piper, Inc., 1736 Franklin St., Oakland (GLencourt 8011). Bids due in Oakland office February 2).
Haddock-Engineers, Ltd., P. O. Box 479, Oceanside.

Factory Bldg., Penetrators Syphon Co., Dixon; Bids open Feb. 4, 2 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Campbell Constr. Co., 800 R St., Sacramento (Sacto 3-2095).
H. W. Robertson, 2817 "T" St., Sacramento (Sacto. 5-3061).
H. H Larsen Co., 64 South Park. San Francisco (EXbrook 3190, 3191)
Lawrence Constr. Co., 3020 V St., Sacramento (Sacto. 6-3835).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209)

Foster Weeks Store & Apts., Grand Ave., Oakland; Bids open Feb. 4, 3 PM
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).
Empire Constr Co., 344 Harriet St., San Francisco (HEmlock 3400).

Alter Grand Lake Theatre, Oakland; Bids open February 6, 2 P. M.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).
Mariposa Constr. Co., 1106 Mariposa St., S. F. (UNderhill 0375)
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).

Shops Bldg., San Mateo Junior College; Bids open February 13, 8 P. M.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Monson Brothers, 475 Sixth St., San Francisco (DOuglas 5357).
Haas Constr Co., 326 Merchants' Exchange Bldg., S. F. (EXbrook 1205).
C. L. Wold Constr. Co., Ltd., 4412-16 Fulton St., S F. (SKyline 4362)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S F (EXbrook 6906 or 7054)

Alter Bank of Canton, Montgomery and Clay Sts., San Francisco; Bids open February 5, Noon.
G. P. W. Jensen & Sons, Inc., 320 Market St.. San Francisco (GArfield 2444)

Superstructure, Shop Bldg. No. 411, San Francisco Naval Shipyard; Bids open February 21, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
A. Farnell Blair, 9 Main St., San Francisco (YUkon 0390)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)

Moody Motel Bldgs., Oakland; Bids open February 7, 3 P. M.
Barrett & Hilp, 918 Harrison St, San Francisco (DOuglas 0700).
G. W. Williams Co., 10 California Drive, Burlingame (Burl 4-1796)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064)

Factory, Kay Chesterfield Mfg. Co., Oakland; Bids open Feb. 8, 3 P. M.
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064)
Anderson & Hagland, Inc., 219—41st St., Oakland (OLympic 9103)

California Natl. Guard Warehouse. Sacramento; Bids open Feb. 5, 2 P. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209)

Warehouse, Standard Oil Co., 7th and Irwin Streets, San Francisco; Bids open February 15.
Robert McCarthy Co., 1050 Kirkham St., San Francisco (OVerland 4050)

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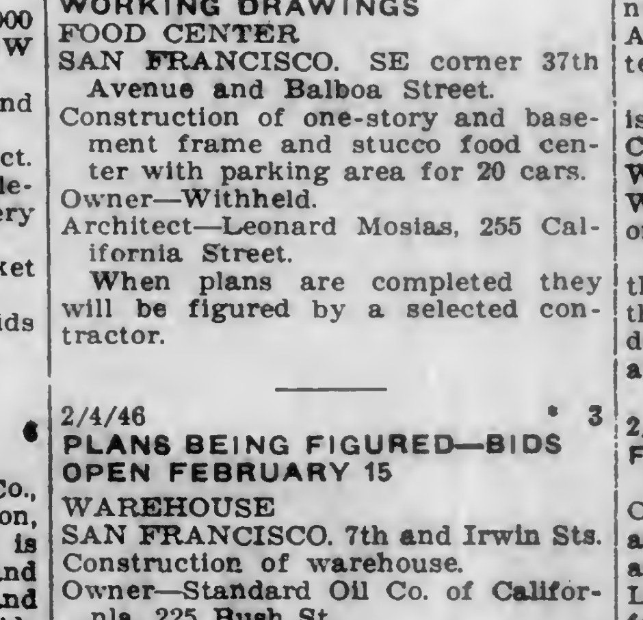

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ADVANCE CONSTRUCTION REPORTS

14-17—PUBLIC BLDGS.

2/4/46 15
BOND ELECTION PLANNED
LOS ANGELES, Calif.—The Los Angeles County Board of Supervisors, 501 Hall of Records, Los Angeles, adopted a motion January 29 authorizing Wayne Allen, county administrative officer, to make preliminary preparations, relative to calling a special bond election for the raising of funds in amount of $19,000,000, for the construction of a new county courthouse. The building will be 18 stories with basement and sub-basement for car storage and will have approximately 1,500,000 sq. ft. of floor space.

Architects Sylvanus B. Marston, FAIA, 385 E Green St., Pasadena, is completing arrangements for the architectural competition to secure a suitable architectural design and plan for the proposed courthouse building to be erected on the site bounded by Sunset Blvd., Main St., Broadway and the proposed Hollywood Parkway.

2/4/46 • 16
CONTRACT AWARDED
GLENDALE, Los Angeles Co., Calif.—J. H. Valley Co., at $284, was awarded contract by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for changing wall hydrant connections, U. S. Post Office, Glendale.

2/4/46 • 16
CONTRACT AWARDED
SAN DIEGO, Calif.—Otis Elevator Co., at $84, was awarded contract by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for new elevator cable, U. S. Post Office, San Diego.

2/4/46 • 16
CONTRACT AWARDED
BOISE, Idaho.—Gettie Decorating Co., Boise, Idaho, at $16,570, awarded contract by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting, etc., at U. S. Post Office and Courthouse, Boise, Idaho.

Other bidders were:

R. A. Newman, McMinnville, Ore., $17,125.

R. L. Getty, Pocatello, Idaho, $18,950.

2/4/46 • 16
CONTRACT AWARDED
POCATELLO, Ida.—Stralford Furniture Co., at $989, awarded contract by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for laying linoleum, U. S. Post Office and Courthouse, Pocatello, Idaho.

2/4/46 • 16
CONTRACT AWARDED
GLENDALE, Los Angeles Co., Calif.—Pacific Coast Elevator Co., at $60.50, awarded contract by the office of district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for new elevator cables, U. S. Post Office, Glendale.

2/4/46 • 16
CONTRACT AWARDED
SEATTLE, Wash.—Fire Protection Maintenance Co., at $672, awarded contract by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for cleaning kitchen range hoods, ducts, etc., U. S. Marine Hospital, Seattle, Wash. • 16

2/4/46 14
FIRE LOSS
THEATER-APT. Est Loss, $200,000
JUNEAU, Alaska. Coliseum Theater. Theater, 26 apts., destroyed by fire. Owner—W. D. Cross, Juneau.

Details of reconstruction are not available.

2/4/46 • • 15
CONTRACT AWARDED
SAN FRANCISCO.—Alta Roofing Co., 976 Indiana Street, at $54 awarded contract by the Department of Public Works, Room 282, City Hall, over kitchen area at No. 29 Engine, for repair of tar and gravel roof

2/4/46 • 16
BIDS WANTED
ST. ANTHONY, Idaho.—Until Feb. 27, 2 P. M., bids will be received by the Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for intrior and exterior painting at the U. S. Post Office at St. Anthony.

Plans and specifications obtainable from the above office of the district engineer.

2/4/46 • 16
BIDS WANTED
DOWNEY, Los Angeles Co., Calif.—Until February 20, 2 P. M., bids will be received b ythe Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for repairs to oil burner wiring, etc., at the U. S. Post Office at Downey.

Plans and specifications obtainable from the above office of the district engineer.

18-19—RELIGIOUS BLDGS.

2/4/46 19
PLANS COMPLETED
SANTA ANA, Orange Co., Calif.—Architect Harold Gimeno, 3000 East Chapman Ave., Orange, has completed plans for a steel and concrete 750-seat church, a rectory, baptistry and sanctuary at Minter and Stafford Sts., Santa Ana, for the Roman Catholic Archdiocese; St. Joseph Church, occupant; est. cost, $175,000.

20-21—SOCIAL AND RECREATIONAL BLDGS.

2/4/46 21
TO START WORK
MONTEREY PARK, Los Angeles Co., Calif.—Steed Bros., P. O. Box 350, Alhambra, will start work soon on the construction of a 1200-seat theater building in the 200 block on W. Garvey Ave., Monterey Park, for Edwards Theater Circuit; estimated cost $200,000. The theater will be wired for television. Plans were prepared by Architect Vernon W. Houghton, 124 W. 4th St., Los Angeles.

2/4/46 21
CONTRACT AWARDED
LOS ANGELES, Cal.—Floyd Fisher, 1034 N La Jolla, Los Angeles, awarded contract for construction of a frame and stucco theater to seat 200, stores, offices and an assembly hall (80x127-ft.), at Oakwood and La Cienega, Los Angeles, for Frieda Berkoff.

Plans prepared by Architect Lyle Nelson Barcume, 11,595 Dilling St., North Hollywood.

2/4/46 20
PREPARING PLANS
ALHAMBRA, Los Angeles Co., Calif.—Architect Lester H. Hibbard, 816 W. 5th St., Los Angeles, has prepared preliminary plans for large sports center to be built on an 80-acre site, bounded by Valley Blvd. on the south, Almansor St. on the west, Ramona St. on the east and by the Pasadena sewer farm territory on the north (leased from the City of Pasadena), Alhambra, for Leo J. Le Fave, care of Hydramatic Die Co., 120 E. Valley Blvd., El Monte.

The project will include the following: (1) a 25,000-seat steel structure football stadium to be known as Alhambra Stadium; (2) a 5000-seat steel structure baseball park to be known as Alhambra Ball Park (it will be completely fenced); (3) an ice skating and ice hockey rink; (4) a roller skating rink; (5) a miniature golf course; (6) tennis, badminton, volleyball and basketball courts and a horseshoe layout, all of which will be free to the public; (7) a total of four softball diamonds, two of which will be included in separate softball parks; (8) a children's playground; (9) parking space for 7000 automobiles.

An application for zoning permission has been made to the County Regional Planning Commission.

2/4/46 • 20
BID OPENED
SAN FRANCISCO. — Russell A. Cullen, 478 Jackson St., San Francisco, at $30,482, submitted only bid to the Board of Park Commissioners, McLaren Lodge, Golden Gate Park, for the construction of a boathouse, Stow Lake, Golden Gate Park.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Water Supply and Sewage Disposal Plants 31-32
Bridges 33
Dams, Reservoirs and Dredging 34
Docks, Piers & Harbors 35
Parks, Airports and Playgrounds 36
Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

28-30—MISCELLANEOUS BUILDINGS

2/4/46 30
CONTEMPLATED
CANUTILLO, N. M.—W. R. Prestridge, Alamogordo, N. M., contemplates the construction of a race track at Canutillo, N. M., to cost approximately $500,000. The plant includes a one-mile race track, stables for 750 horses, 3000 capacity grandstand and appurtenances.

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

2/446 31
BIDS OPENED
SAN DIEGO, Calif.—M. H. Golden, 3485 Noell, San Diego, at (1) $258,975, (2) add $2200, submitted the low bid to the U. S. Navy, Public Works Office, 11th Naval District, 1220 Pacific Highway, San Diego, for the construction of new connections to the statio nexisting fresh water piping with branches and outlets on piers Nos. 6 and 8; a new extension to the existing city 16-inch high pressure water main extending up to and including branches and outlets on piers Nos. 6 and 8; new facilities and equipment in existing boiler house No. 3 consisting in general of one new 400 h.p. water tube boiler with induced draft fan, oil burners and auxiliary equipment, new existing steam, water and oil piping systems and including a new steam connection from the existing header to connect with outside new distribution system; a new steam distribution system from existing boiler house No. 3 up to and including branches and outlets on piers Nos. 6 and 8, and connection to the existing air line along the existing quay wall, San Diego; Specification No. 17445.

The project includes in general earthwork, concrete construction, water piping, boiler plant additions, steam distribution system, compressed air distribution system and miscellaneous related work.

Bids were submitted as follows:
(1) price for entire work complete;
(2) amount to be added or deducted under Item 1 for substitution of bellows type expansion joints as covered under Alternative A, in lieu of the expansion joints specified

Total bids were:

M. H. Golden, (1) $258,975, (2) add $2200.

Associated Piping & Engineering Co., (1) $259,500, (2) add $2400.

Oilfield Construction Co., (1) $274,289, (2) add $4000.

N. P. Van Valkenburgh, (1) $292,700, (2) no change.

Concrete Ship Constructors, (1) $339,750; (2) add $5000.

2/4/46 • • 31
BID OPENED
YOLO COUNTY, Calif.—Western Well Drilling Co., Ltd., 522 W Santa Clara, San Jose, at (1) $7.60; (2) $8; total, $1760 submitted only bid to the State Division of Highways, C. H. Whitmore, district engineer, 703 B St., Marysville, for drilling water well at the State Highway Nursery, about three miles east of Davis, Yolo County.

The work involves:
(1) 200 l.f. drilling and casing well;
(2) 30 hours pumping well.

2/4/46 • 31
BIDS WANTED
PETALUMA, Sonoma Co., Calif.—Until February 5, 11 A. M., bids will be received by the U. S. Engineer Office, 74 New Montgomery St., San Francisco, under Spec. 2211 for additional water supply at Two Rock Ranch, Petaluma, Calif.

The following contractors are figuring plans:

R. J. Brant, 1222 Whipple Ave., Redwood City.

E. T. Haas Co., P. O. Box 411, San Mateo.

Peter Sorensen, 927 Arguello St., Redwood City.

Underground Construction Co., 75th Ave. and San Leandro Blvd., Oakland.

J. T. Smoody, 1113 High, Berkeley.

Wm. D. Rapp, 705 Bennett Ave., Santa Rosa.

2/4/46 • • 31
COMPLETE BIDS
SACRAMENTO, Cal.—Frank Fitzsimmons, San Leandro, at $6,422.00 submitted low bid to the U. S. Army Engineers, Wright Bldg., Sacramento, under Spec. 1206 for removal of tone-down treatment and repainting city water tanks at Sacramento.

Complete bids were:

Frank Fitzsimmons, San Leandro, $6422.

Al W. Simmons, San Francisco, $8425

J. H. Mohr, Inc., San Francisco, $8797.

Foster & Kleiser, Sacramento, $11,079.00.

Acme Painting Service, Sacramento $12,936.

Eric Lundeen Painting Co., Fresno $13,087.

D. Zelinsky & Son, San Francisco, $13,960.

A. R. Reid, San Francisco, $14,250.

R. W. Reade Co., Berkeley, $14,570.

Deemer & Deemer, San Francisco, $14,700.

J. C. Church, Glendale, $15,248.

Carl Elkeberg, Oakland, $15,981.

H. W. Tamka, Reno, $16,401.

R P Paoli, San Francisco, $17,210.

G. C. Hewitt Co., Los Angeles, $17-900.00.

Freeman Decorating Company, Des Moines, Ia., $18,466.

33—BRIDGES

2/4/46 • 33
BIDS OPENED
MARE ISLAND, Solano Co., Calif.—The following bids were submitted February 1 to the officer in charge of construction, Public Works Department, Mare Island, under contract NOy 13295, Spec. No. 17459, for the construction of buildings and services for reserve fleet berthing at the Mare Island Naval Shipyard, Mare Island.

Work involves construction of a pumphouse and steam plant, a generating station, an electrolyte pumphouse, two toilet buildings, an elevated concrete deck, 11 storage tanks, two warehouses and all mechanical and electrical services for reserve fleet berthing:

Barrett & Hilp, 918 Harrison St., San Francisco, (1) $897,000, (2) deduct $11,000, (3) deduct $5000.

Peter Kiewit Sons Co., 442 Post St., San Francisco, (1) $898,647, (2) deduct $14,000, (3) deduct $7000.

Clinton Construction Co., San Francisco, (1) $913,300, (2) deduct $11,000, (3) deduct $5000.

Duncanson-Harrelson Co. & Healy-Tibbitts Construction Co., San Francisco, (1) $956,000, (2) deduct $12,000, (3) deduct $5000.

J. I. Barnes, San Francisco, (1) $965,000, (2) deduct $14,000, (3) deduct $10,000.

34—DAMS, RESERVOIRS & DREDGING

2/4/46 34
TO ASK BIDS
CADDOA, Bent Co., Colo.—The U. S. Engineer Office, Commercial Bldg., and P. O. Box 1538, Albuquerque, N. M., will issue a call for bids about February 1, to be opened approximately 30 days later, for the completion of John Martin Dam on the Arkansas River, approximately 50 miles west of the Kansas-Colorado state line and near Caddoa, Bent Co., Colo. The work will consist of completing the construction of the dam, various phases of the work are partially completed and a portion of the materials and equipment required in the construction will be furnished by the government. The major part of the work consists of completing concrete bridge piers and spillway bridge, steel stairs and gratings, the tainter gates and gate operating machinery equipment, the spillway and dam power and lighting systems and the highway construction; furnishing and installing an automatic elevator, the spillway servicing equipment and a gallery drainage system. Completion time, 365 days.

The work involves:
(1) 4400 cu. yds. concrete;
(2) 788,400 lbs. placing concrete reinforcing steel;
(3) 86,300 lbs. installing structural steel;
(4) 2,517,800 lbs. semi-corrosion resisting steel;
(5) 7000 lbs. installing corrosion resisting steel;
(6) 114,500 lbs. installing steel castings;
(7) 10,100 lbs. installing steel forgings;
(8) 4700 sq. ft. steel gratings;
(9) 32,500 lbs. installing miscellaneous non-ferrous metals;
(10) 2100 lin. ft. molded rubber seals;
(11) 39,500 lbs. installing black steel pipe;
(12) 7500 lbs. installing cast iron pipe;
(13) lump sum, elevator;
(14) lump sum, lighting and telephone power systems;
(15) lump sum, electrical equipment, tainer gate operating machinery;
(16) lump sum, mechanical equipment, tainter gate operating machinery;
(17) spillway surfacing equipment;
(18) 43,800 sq. yds. bituminous road surfacing;
(20) 3300 cu. yds. embankment;
(21) lump sum, grouting gallery drainage system.

Plans and specifications are available from the above office upon deposit of $25.

2/4/46 34
BIDS WANTED
HANKSVILLE, Utah.—Until Feb. 11, 2 P. M. (as previously reported), bids will be received by the Civil Aeronautics Administration, 1500 4th St., Santa Monica, Calif., for drilling of a water well at the intermediate landing field, Hanksville, Utah. The work in general consists of the drilling and casing of a water well, installing pumping equipment, construction of a pumphouse and installation of power cable for the pumping equipment; Proposal No. 6-48-128. Guarantee in the amount of 10% of bid required. Specifications available from the above office. Completion time, 45 days.

The work involves:
(a) lump sum, drill well 50 ft. deep to accommodate 6¼-in. I. D. casing, including moving equipment in and out and setting up;
(b) 150 lin. ft. drill well to accommodate 6¼-in. I. D. casing (b-1) 51 ft. to 200 ft. deep;
200 lin. ft. (b-2) 201 ft. to 400 ft. deep;
200 lin. ft. (b-3) 401 ft. to 600 ft. deep;
(c) 300 lin. ft. case with 6¼1in. I. D. casing, including surface sealing and perforating;
(d) lump sum shoe 6¼-in. casing if ordered;
(e) 300 lin. ft. case with 4½-in. I. D. casing, including perforating;
(f) lump sum shoe 4½-in. I.D. casing if ordered;
(g) lump sum sealing joint between 4½-in. and 6¼-in. casing;
(h) 170 lin. ft. furnish and install 3-in. galvanized down pipe;
(i) 150 lin. ft. furnish and install 1 ⅝-in. hardwood pump rod;
(j) lump sum construct wood pump shed complete with heater and insulation if ordered;
(k) lump sum furnish and install deep well pump and pressure tank system complete with electric motor capable of pumping not less than 10 gallons per minute against a tank pressure of 40 lbs. when the head does not exceed 90 ft.;
(l) 1 each lift 91 ft.-125 ft. (dditive to item K);
(m) 1 each lift 126 ft.-175 ft. (additive to item K);
(n) 1 each lift 176 ft-240 ft. (additive to item K);
(o) 1 each lift 241 ft.-380 ft. (additive to item K);
(p) lump sum install underground power cable and hookup, complete;
(q) lump sum furnish and install 1-in. standard galvanized iron water pipe and fittings, including hydrants, 200 lin. ft., more or less, as shown on drawing 6-C-953-15.

2/4/46 • 34
BIDS OPENED
CASCADE, Idaho. — The following bids were received by the Bureau of Reclamation, Earl Harmon, engineer, Cascade, Idaho, for clearing reservoir site of the Cascade dam project. The work involves clearing timber and brush from 16 tracts varying in size from 40 to 480 acres, located one to eight miles west of Cascade. The Cascade project involves the construction of an earth-fill dam, 90 ft. high and 860 ft. long at the crest, and will provide a storage reservoir for approximately 700,000 acre feet of water.

Low bidder (combined bid), Sched. 1, George Harwood, Cascade, Idaho, $1195.

Schedules 2 to 6, inclusive, 9 to 15, inclusive, Joe Sliska, Cascade, Idaho, $91,970.

Schedule 7, Cecil Dossett, Stibnite, $2000.

Schedule 8, Chet Mathews, Cascade, $2500.

Schedule 16, Taus Charnesk, Leaburg, Ore., $21,700.

Total, $119,365.

Only other bidder: Joe Sliska, Cascade, Idaho, $138,470.

2/4/46 34
TO ASK BIDS
PORTLAND, Ore.—Consulting Engineer C. E. Carter, Spalding Bldg., Portland, is completing plans and bids will be asked about February 20 on Maplewood Water District program, estimated to cost $206,000. The work will include laying approximately 10 miles cast iron water pipe, construct two concrete reservoirs, one 500,000-gallon capacity, the other 250,000-gallon capacity.

Quantities: 5000 ft. of 2-in. pipe, 20,000 ft. of 4-in., 17,000 ft. of 6-in., 5000 ft. of 8-in., 3000 ft. of 10-in. Bids will be received on $206,000 bond issue until 7:30 P. M., February 13, by A. H. Wendland, secretary, 527 Builders' Exchange Bldg.

2/4/46 34
BIDS WANTED
ASTORIA, Ore.—Until a date to be announced shortly, bids will be received by the Public Works Officer, 13th Naval District, Seattle, Wash., for construction of mooring basin for about 500 ships and about 15 piers at Tongue Point, Astoria, Ore. The work includes the construction of a solid fill and sheet piling breakwater which will cross the John Day entrance at a point about 6000 ft. downstream from the mouth of the John Day River; about 15 piers within the breakwater and dredging will be done to 15 to 20 ft. below low water; dredging of new John Day channel in the existing channel some 2000 ft. south of the proposed breakwater and extending northeasterly about 5000 ft. into Cathlamet Bay. All materials dredged to be disposed of in the area between the proposed channel and breakwater.

2/4/46 34
BIDS WANTED
ASTORIA, Ore.—Until February 14, 10 A. M., bids will be received by Capt. G. A. Duncan, officer in charge of construction, Bureau of Yards and Docks, 13th Naval District, Exchange Bldg., Seattle, Wash., for the following work on inactive fleet berthing facilities:

Remove and dispose of two seaplane ramps, dredge 3,000,000 cu. yds. material other than solid rock, dredge and dispose of same into breakwater, remove and dispose of 1500 cu. yds. solid rock, dredging, including construction of breakwater and construction of timber groin.

Specifications obtainable from the above office.

35— DOCKS, PIERS & HARBORS

2/4/46 • 35
BIDS WANTED
SOLANO COUNTY, Calif. — Until February 19, 2 P. M., bids will be received by the Division of Highways, office of the district engineer, 1200 N. Center St., Stockton, for repairing an existing ferry moored on the Sacramento River about 0.5 mile upstream from Rio Vista in Solano County (X-Sol-100-A).

The work involves:
(1) dry-docking and delivering ferry;
(2) 4000 ft. board measure miscellaneous timber;
(3) miscellaneous repairs;
(4) 2600 lbs. miscellaneous iron and steel;
(5) 2500 lin. ft. caulking seams;
(6) painting hull and superstructure.

Plans and specifications may be obtained from the above office.

2/4/46 • • 35
BIDS WANTED
SAN FRANCISCO.—Until Feb. 12, 2 P. M., bids will be received by the War Dept., U. S. Engineer Office, 74 New Montgomery Street, under Ser. No. 04-203-46-3, for the removal and disposal of the wreckage of the tug "Reliance", from the slip adjacent to Pier 23, San Francisco.

Specifications obtainable from the above office.

38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

2/4/46 38
BIDS OPENED
LONG BEACH, Los Angeles Co., Calif.—Hoffman & Jacobs, 1122 Gaviota Ave., Long Beach, at $14,714.33, submitted the low bid to the city council, City of Long Beach, office of the city manager, City Hall, Long Beach, January 29, for the installation of an ornamental lighting system in Atlantic Ave. from Bixby Rd. to San Antonio Dr., Long Beach; Specification No. R-1291. •

2/4/46 38
BIDS OPENED
LEWIS and THURSTON COUNTIES, Washington.—Morrison-Knudsen Co., Inc., Hoge Bldg., Seattle, at $136,070, submitted low bid to the Department of Interior, Bonneville Power Administration, L. C. Stewart, procurement officer, 1300 NE. Union Ave., Portland 8, Ore., for furnishing materials and performing all work for clearing right-of-way for Chehalis - Olympia 230 - kv. transmission line, approximately 30 miles in length, in Lewis and Thurston Counties, Washington.

Other bidders were:

Cox Bros., $139,110.

Axel Osberg, 6206 Phinney, Seattle, $148,460.

Bay Construction Co., Airport Way and Holgate, Seattle, $172,571.

Nettleton & Baldwin, 1109 N. 36th St., Seattle, $173,085.

Strong & Macdonald, Inc., 4045 Ruston Way, Tacoma, Wash., $195,000.

F. E. Wilder, Route 6, Box 211, Olympia, Wash., $188,400.

2/4/46 38
CONTEMPLATED
SPOKANE, Wash.—The Washington Water Power Co., J. E. E. Royer, vice-president and manager, 825 W. Trent, Spokane, Wash., is contemplating improvements and extensions to the present power line facilities at Spokane and the surrounding inland areas; estimated cost, $1,500,000.

The work involves:
(1) improvements to east side substation, $70,000;
(2) improvements to Spokane and surrounding area systems, $350,000;
(3) improvement to distribution system, including change over of feeder lines and removal of poles to alleys;
(4) construct new 13,000-volt feeders, 7 new underground vaults;
(5) new distribution system in the Altamont District pole lines on E. Sprague to be moved to alleys, improvements to Post St. station;
(6) 400 miles of extensions in rural areas of Washington and Idaho, plus distribution systems in smaller sections of Inland Empire
(7) 15 miles reconstruction of transmission line and new substation equipment to be installed at four substations serving the Couer d'Alene mines and at Latah substation.

39—SEWERS

2/4/46 39
BIDS WANTED
SAN FRANCISCO—Until February 11, 2 P. M., bids will be received by the Board of Park Commissioners, McLaren Lodge, Golden Gate Park, for drainage corrections at Alamo and Alta Plaza squares.

Specifications obtainable from the above office upon deposit of $5.00.

2/4/46 39
TO PREPARE PLANS
SAN BERNARDINO COUNTY, Calif.—The San Bernardino County Board of Supervisors, Courthouse, San Bernardino, has approved the annexation of additional territory to the existing Big Bear Lake Sanitation District in San Bernardino County and will file an application with the Federal Works Agency for funds to finance the preparation of plans and specifications for the construction of a sewage sanitation system for the district; estimated total cost, $600,000. Plans will be prepared by Currie Engineering Co., Inc., Andreson Bldg., San Bernardino.

2/4/46 39
FUNDS AWARDED
STORM DRAIN Est. Cost, $38,000
BURBANK, Los Angeles Co., Calif.
Construction of storm drain. approx. 2400 l.f. of 60-in. reinf. conc. pipe with all necessary appurtenances, on Olive Ave. from SPRR to Glenoaks Blvd.
Owner—City of Burbank, H. I. Stites, City Manager, City Hall.
City Engineer—Harmon R. Bennett, City Hall, Burbank.

The Bureau of Community facilities, FWA, 2223 Fulton St., Berkeley awarded funds in amount of $12,928 to assist in preparation of plans.

2/4/46 39
FUNDS AWARDED
SEWERS Est. Cost, $73,100
BURBANK, Los Angeles Co., Calif.
Construction of extensions to sanitary sewer system, to consist of approx. 39,520 l.f. of 6- to 12-inch vit. clay pipe together with all necessary appurtenances.
Owner—City of Burbank, H. I. Stites, City Manager, City Hall.
City Engineer—Harmon R. Bennett, City Hall, Burbank.

The Bureau of Community facilities, FWA, 2223 Fulton St., Berkeley awarded funds in amount of $2,000 to assist in preparation of plans.

2/4/46 39
COMPLETING PLANS
LAGUNA BEACH, Orange Co., Calif.—City Engineer J. R. Lester Boyle, Laguna Beach, is completing plans which will be submitted to the city council of the City of Laguna Beach within 10 days for approval for the construction of a sanitary lateral sewer system to be built in McKnight's Addition, and construction of an outfall sewer and enlargement of the existing sludge treatment plant. Total cost of the improvements is estimated at $150,000. A call for bids for the project is expected to follow approval of plans and specifications.

(Continued on Page Four)

J. A. MANCINI
Formerly District Manager, L. D. Reeder Company

Announces
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Building Permits, Contracts---Recorded Notices

BUILDING PERMIT Applications $500 AND OVER

SAN FRANCISCO

ALTER ice cream plant, $40,000; 366 Guerrero St; owner, Golden State Co, Ltd, 425 Battery Street; contractor, Cahill Bros, 206 Sansome St.

FLATS, 2-story frame, $14,500; N Jefferson 256.3 W Divisadero St; owner, Philip and Leah Gerson, 725 Tehama St; contractor, Oliver M Rousseau, 725 Tehama St.

FLATS, four 2-story frame, $12,700 each; S Greenwich 58.6, 84.6, 110.6, 136.6 W Gough St; owner and contractor, Oliver M Rousseau, 725 Tehama Street.

BUILDING, 1-story Class C, $12,000; NW Taraval and 12th Ave; owner, Taraval Motors, Inc, 333 Montgomery St; contractor, W C Tait Co, 461 aMrket St.

ALTER beauty school, $10,000; 133 Powell St; owner, Arnold E Walters, 150 Powell St; contractor, W C Tait Co, 461 Market St

DWELLINGS, two 1-story frame, $5-600 each; N Duncan 96.11, 70.3 W Douglass; owner and builder, H A Crocker, 681 Market St.

DWELLINGS, five 1-story frame, $4800 each; S Topeka 80, 105, 130, 145, 170 W Venus; owner and contractor, E W Perkins, 1525 Shrader Street.

ALTER flats, $1900; 57 Noe Street; owner, Frank Becker, c/o cntr; contractor, Leonard Salomon, 1734 Broderick St.

STORE and garage, 2-story frame, $1000; 11 Otsego Ave; owner, Lew Taylor, premises.

ALTER wholesale dress shop, $1000; 595 Mission; owner, Karp & Golson, 130 Sutter St; contractor, Empire Constr Co, 344 Harriet St.

ALTER rooming house, $950; 902 Clay St; owner, H Gagliardo, c/o cntr; contractor, Leonard Salomon 1734 Broderick St.

ALTER apt and garage, $750; 901 Florida; owner and contractor, Felice Fanucchi, 1431 San Bruno Ave.

ALTER store and flat, $700; 2907 Diamond St; owner, Antonio Pardini, premises; contractor, G Malubi, 49 Conrad St.

ALTER dwelling, $670; 392 Iowa St; owner, Wm O Gomez, premises

ALTER dwelling, $600; 127 Flood; owner and contractor, R Wiesner, 127 Flood Ave.

SIGN, electric, $600; 965 Market St; owner, Fox West Coast Theatres, 988 Market St; contractor, Brite-Lite Neon Co, 1095 Market St.

ALTER store, $500; 3225 21st Street; owner, Carl Hoch, 165 Alpine Ter.

ALTER dwelling, $500; W Kansas 283 S 20th St; owner, Mrs Bonovitch, 1660 Revere St.

ALTER dwelling, $500; 130 Beverly St; owner and contractor, Harold Leland, premises.

OAKLAND

ALTERATIONS, $970; 4265 Atlas Ave; owner, Mel Kusmaul, prem; builder, T Widel, 1560 Plaza Dr, San Leandro.

1-STORY ADDITION, $2500; 712 Adeline St; owner and builder, Wm Temple, 1132 7th St.

1-STORY 3-ROOM DWELLING, $1500; 6218 Mountain Blvd; owner and builder, Thurman Bridgeman, 6737 Mountain Blvd.

1-STORY STORE BUILDING, $9500; 4116 MacArthur; owner, James Murphy, 15050 Lark St, San Leandro; builder, Murphy & Murphy, 4601 Virginia St; architect, Irwin Johnson, 449 MacArthur Blvd, Oakland.

1-STORY 5-ROOM DWELLINGS (3), $6000 each; 2590, 2594, 2600 Truman Ave; owner and builder, Elvin Van Ness, 4098 Lincoln Ave.

1-STORY 5-ROOM DWELLINGS (3) $6000 each; 2604, 2608, 2610 Truman Ave; owner and builder, Elvin Van Ness, 4098 Lincoln Ave.

ALTER DWELLING, $2500; 3267-69 Davis St; owner, L Calleri, 2627 Coolidge Ave; builder, Western Construction Co, 3176 Jordan Rd.

MOVE BUILDING, $700; 5200-02 San Pablo Ave; owner and mover, Henry Magnussen, 5511 San Pablo Ave.

MOVE BUILDING, $700; 5204-06 San Pablo Ave; owner and mover, Henry Magnussen, 5511 San Pablo Ave.

MOVE BUILDING, $700; 5208-10 San Pablo; owner and mover, Henry Magnussen, 5511 San Pablo Ave.

BERKELEY

DWELLING, $5000; 1344 Lincoln; owner and builder, Victor Benda, 1620 Webster.

ADDN, $700; 3113 Harper; owner and builder, V Varquez, premises.

WAREHOUSE, $6500; 935 Murray; owner and builder, Wm Davis, 930 Ashby Ave.

ALTERATIONS, $500; 1900 Ward St; owner and contractor, Josephine Childs, premises; plans by Dorothea Christensen.

POST OFFICE, $10,500; 915 Colusa; owner, Paul Hammarberg, 2 Norwood Ave; contractor, Albert Hammarberg, 330 Ramona Ave, El Cerrito; plans by owner.

STORE, $5750; 2255 San Pablo Ave; owner, Dan C Wood, 2333 Stuart; contractor, Adams Constr Co, 2649 Benvenue.

DWELLING, 6-room, $8200; 1025 Creston; owner and builder, H F Rubinaw, 523 Spruce St.

ADDN, $750; 768 Contra Costa; owner, D V Ross, prem; contractor, Valary & Wilson, 2134 Parker.

ALTER, $700; 941 Hilldale; owner and builder, Mary L Lords, 941 Hilldale.

ALTER, $1400; 1310 10th St; owner, R W Van Dwesen, 1315 22nd St, Oakland; contractor, A E Gould, 1517 Solano Ave.

GARAGE, $500; 875 Hilldale; owner and builder, H E Seibert, prem.

ADDN, $1450; 33 Tanglewood; owner, E N Holmes, prem; contractor, Emil Person, 2224 Rose St.

ROOFING, $650; 1931-3 Hearst; owner, C E Monroe, 1931 Hearst; contractor, Edwards Gutter Service, 2342 Grant

REPAIRS, $500; 1303 Monterey; owner and contractor, A C Long, 1303 Monterey.

DEMOLITION, $8350; 1853 Solano; owner B B Unger, Bank of America; contractor, Kiss Crane Co, 2700 San Pablo Ave, San Pablo.

ALTER, $1500; 2212 Grove St; owner and contractor, Peter Bresso, 2212 Grove; plans by R Dillon.

ADDITION, $500; 1634 Walnut; owner and builder, M L Lords and A M Aitman, 941 Hilldale.

FRESNO

DWELLING AND GARAGE, $5000; 4629 Madison; owner, G E Mason

DWELLING, $4000; 39 Strother; owner, Nick Tancredy

DWELLING AND GARAGE, $3000; 537 Inyo; owner, Eugenia V Munoz.

DWELLING, $2000; 4151 Platt; owner, John Gott; builder, Larsen & Ratto Construction Co.

ALTER STORE, $1800; 1355 Fulton; owner, The Boys' Store; builder, Trewhitt, Shields & Fisher.

ALTER SERVICE STATION, $800; 1204 San Benito; owner, Currie Bros.

ALTER DWELLING, $750; 556 Olive; owner, A M Gattey.

DWELLINGS, two, and garages, $5,000 each; 704-712 W Yale; owner, Geo H Lips; contractor, Raymond Constr Co.

DWELLING, $2000; 2015 Thomas; owner, David J Oliver.

ALTER cafe to barber shop. $1650; ....; owner, Frank's Place; contractor, H P Nelson.

REPAIR dwelling, $1000; 107 N Van Ness; owner, P E Cain.

ADDN to dwelling, $700; 2531 Tyler; owner, L E Cloyd.

GARAGE, $500; 1327 Glenn; owner, R A Van Natta.

CESSATION OF LABOR

CONTRA COSTA COUNTY

Jan. 18, 1946—Lot 62, Brookwood Acres, Subdivision No 1, near Lafayette. Robert Hope to whom it may concern ....
..................Labor ceased Jan. 14, 1946

BUILDING PERMITS Granted $500 AND OVER

SAN FRANCISCO

FEBRUARY 1, 1946

BLDG, 2-story frame, $18,000; NE Innes Ave 125 NW Earl St; owner, Richard N Nicholson, Jr.

ALTER dwelling, $2000; 3643 23rd St; owner, O M DeVos.

ALTER dwelling, $600; 2031 San Jose Ave; owner, Mr Ware.

ALTER shop, $2500; 202 Hemlock; owner, O Ivory.

DWELLINGS, two two-story frame, $9000 each; S Los Palmos Drive corner W of Lulu Alley; S Burlwood Dr or cor W Lulu Alley; owner, Theo G Meyer.

ALTER flats, $5000; 845 Treat Ave; owner, G Guzman.

DWELLING, 1-story frame, $5900; E 18th Ave 200 S Moraga St; owner, August Hallgren.

ALTER apts, $5000; SE Cor Sacramento and Powell Streets; owner, Douglas Dorn.

ALTER store, $850; 1244 Market St; owner, The Charcoal Broiler.

Plumbing Permits

BERKELEY

1626 Julia; owner, ...; dealer, Richmond Plbg; 2 w closets; b tub; w basin.

2231 Derby; owner, Bessie Pyron; dealer, S N Covenery; w closet; w basin; sink; w tub; shower.

1408 8th St, 1241 Cedar St, 837 Page, 2209 6th St, 2408 7th St, 2436 7th St, 2419 Valley, 2421 Valley; owner, J M Walker; dealer, J A Fazio; w basin; b tub; sink, w tub, each job

1146 Delaware; owner and dealer, L M Spengler; Bendix.

1411 Gilman; owner, ...; dealer, R M Reynolds; w tub.

3039 Stanton; owner, Tom Ward; dealer, J H Jevons; w closet; b tub; w basin; sink; w tub.

2021 Channing Way; owner Jarrett; dealer, J H Jevons; 2 w closets; 2 w basins; 2 sinks; 2 showers.

Electrical Permits

SAN FRANCISCO

8211-12 2282-86 46th Ave; owner, McArthur Building Co; contractor, Adams Electric Co; 10 outlets; 10 switches; 15 plugs; service.

8213-16 Various locations and owners; contractor, Brumfield Electric Sign Co; signs.

8217 220 New Montgomery; owner and contractor, Mills Estate; ....

8218 153 2nd St; owner, Max Hoefner; contractor, Kuchel & Sievers; motors.

8219 472 Jackson; owner, China Eng Products; contractor, Kuchel & Sievers; motors.

8220 1071 Valencia; owner, Irvine; contractor, Strom & Smith; 2 outlets; 1 switch.

8221 S Sacramento 150 N Gough; owner, N E Johnson; contractor, Strom & Smith; ....

8222 234 7th St; owner, Wait; contractor, Quality Electric; ....

8223 45 Filbert St; owner, Edwards Tool Co; contractor, Quality Electric; alterations.

8224 175 Shipley St; owner, Chris Refrigerators; contractor, Bertrand Electric; motors.

8225 N Wcor Van Ness and Pacific; owner, ...; contractor, Bertrand Electric; 3 outlets; 1 switch; 2 plugs.

8226 50 5th St; owner, Cappelletti; contractor, Grandi Electric; alterations.

8227-28 Various locations and owners; contractor, Electrical Products Corp; signs.

8229 580 Eddy; owner, ...; contractor, Golden Gate Electric; ....

8230 3320 Mission; owner, Al Cartman; contractor, Ets-Hokin & Galvan; 10 outlets; 3 switches; 6 plugs.

8231 511 Market; owner, Silver Stationery; contractor, Ets-Hokin & Galvan; 4 outlets.

8232 216 Thrift; owner, J Negri; contractor, E S Koenig; service.

8233 64 Grand View Ave; owner, Miholowitch; contractor, Strom & Smith; 3 outlets; 2 switches; 1 plug.

8234 227 Bay St; owner, Star Iron Works; contractor, Atlas Electric; service.

8235 SE cor Grant Ave and Bush St; owner, Washington Hotel; contractor, Central Electric; service; alterations.

8236 162 Turk St; owner, ...; contractor, Central Electric; ....

8237 450 Sutter; owner, Dr Sirbu; contractor, GE X-Ray Corp; ....

8238 N Balboa St 170 E 39th Ave; owner, Michel & Levy; contractor, Weber-Conroy; 12 outlets; 1 switch; 13 plugs; service.

8239 SW 8th and Cabrillo; owner, Church of Christ; contractor, Weber-Conroy; 30 outlets; 20 switches; 20 plugs; service

8240 521 Clement; owner, Gretchen's Bakery; contractor, Weber-Conroy; 22 outlets; 5 switches; 4 plugs; motors.

8241 2178 35th Ave; owner, Goodman; contractor, Smith Electric Co; service.

8242-44 Various locations and owners; contractor, Wonderlite Neon Products Co; signs.

8245 85 2nd St; owner, Pacific Tel & Tel Co; contractor, L Ray Moser; 4 outlets; 3 switches; 1 plug.

8246 1915 Bryant St; owner, Wm Bateman; contractor, L Ray Moser; 6 outlets; 2 switches; 3 plugs.

8247 1230 Minnesota; owner, Levin; contractor, Manning & Whitaker; ....

8248 1237 Minnesota; owner, Crown Products; contractor, Manning & Whitaker; ....

OAKLAND

35183 3400 San Pablo; owner, Jos Corran; contractor, Spott Elec Co; alterations.

35184 2037 90th Ave; owner, L Widel; contractor, Marelco, Inc; outlets; switches; fixtures; plugs; new service.

35185 517 8th St; owner, Mastercraft; contractor, Marelco, Inc.; outlets; switches; fixtures; plugs; alterations.

35186 317 Franklin Street; owner, Stephen Foster; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

35187 1008 69th Ave; owner, Pulliam; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

35188 9318 Olive; owner, Pfrang; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

35189 2836 Parker Ave; owner, C J Baugh; contractor, Special Owner; 4 plugs.

35190 364 Staten Ave; owner, Ray Dalton; contractor, Fox Electrical Co; alterations.

35191 2312 Broadway; owner, Delta Equipment Co; contractor, Fox Electrical Co; alterations.

35192 3412 Park Blvd; owner, Edwards; contractor, Flagler Electric; new service; alterations.

35193 2231 Church; owner, Ambrose; contractor, Flagler Electric; 2 plugs

35194 2033 83rd Ave; owner, McConnell; contractor, Collins Electric Co; outlets; switches; fixtures; pl.

35195 5920-18 Foothill Blvd; owner, Hillenkamp & Kohler; contractor, Collins Electiic Co; outlets; fixtures; switches; plugs.

35196 666 Simms Dr; owner, Phil Davis; contractor, Del Monte Elec Co; alterations.

35197 3306 E 14th St; owner, Merles Camera Shop; contractor, Clifford Elec; alterations.

35198 2222 San Pablo; owner, Aladdin Heating Co; contractor, California Elec Co; welder.

35199 Civic Auditorium, N 10th St; owner, City of Oakland; contractor, Atlas Elevator Co; 1 motor; 1 switch.

35200 2740 Broadway; owner, J E French Co; contractor, T L Rosenberg; 2 outlets; 2 fixtures; 7 plugs.

35201 2619 Magnolia; owner, Laher Spring & Tire Co; contractor, T L Rosenberg Co.; 2 plugs.

35202 381 5th St; owner, Saso Co; contractor, T L Rosenberg Co; 1 outlet; 1 switch; 1 fixtures; 3 motors

35203 14th and Broadway; owner, Kress Store; contractor, Emerson Newbery; 6 outlets; 1 motor.

35204 Rear 1315 E 21st St; owner, Oakland Tribune; contractor, Clifford Electric; 2 outlets; 2 fixtures.

35205 818 Rosemont; owner, Grunbaum; contractor, J A Grosso; range.

35206 4121 Piedmont Ave; owner, McGinnis; contractor, Ets, Hokin, Galvan; fixtures.

BERKELEY

553 1455 Third; owner, H O Pugh; contractor, Reip & Sons; 23 outlets; 11 switches; 19 fixtures; 9 plugs; 12 circuits; 3 motors.

554 726 Addison; owner, Brandis Printing; contractor, Reip & Sons; 20 outlets; 8 switches; 10 plugs; 8 circuits.

555 2151 San Pablo; owner, ...; contractor, Reip & Sons; 2 outlets; 2 switches; 2 fixtures; 2 plugs.

556 2312 Ninth; owner, ...; contractor, Reip & Sons; new service.

557 1443 Santa Fe; owner, Glen W Severy; contractor, Moore Electric; 2 outlets; 1 switch; 2 fixtures; 2 plugs.

558 2131 Acton; owner, Geate's; contractor, Havens & Wade; range.

559 2325-27 Russell; owner, L C Hall; contractor, Johnston Electric; 18 fixtures.

560 260 Yale; owner, D Young; contractor, Aarvoks; 1 motor.

561 1343 Hopkins; owner, Chas Hanson; contractor, Aarvoks Heating; 1 motor.

562 900 San Benita; owner, Geo Wilson; contractor, Aarvoks Heating; 1 motor.

563 2815 Stuart; owner, ...; contractor, Gardiner; new service; 1 circuit.

564 25 Acacia; owner, Ralph S Waltz; contractor, Atlas Heating; 1 motor.

565 2411 Shattuck; owner, G S Campbell; contractor, American Neon Display; 1 sign.

566 3024 Ashby; owner, Superior Meat; contractor, American Neon; 1 sign.

567 2977 College; owner, Bridal Shop; contractor, American Neon; 1 sign.

568 3253 Adeline; owner, The Skipper; contractor, American Neon; 1 sign.

569 1467 Shattuck; owner, McCurdy's Creamery; contractor, American Neon; 1 sign.

570 2448 San Pablo; owner, ...; contractor, California Electric; 1 motor.

571 3200 Adeline; owner, Linda Turchit; contractor, California Electric; 38 outlets.

572 1000 Parker; owner, Western Door & Sash; contractor, California Electric; 12 outlets; 4 switches; 12 fixtures; 2 circuits; 3 motors.

FOR SALE
Fully Equipped
Brockway Line Truck
oOo
V. G. ELECTRIC CO.
330 SEVENTH ST., RICHMOND
Phone RICH. 4710

Completion Notices

ALAMEDA COUNTY

Recorded Accepted

Jan. 31, 1946—Lot E, ptn Lot D, Map Resubdivision Lots, El Portal, San Leandro, Calif. Irvin R and Dora Z Critchlow to whom it may concern..................Jna. 31, 1946

Feb. 1, 1946—On Greenly Dr 201.86 ft south Edwards Ave, Oakland, Calif. Shelby A and Gertrude Farnsworth to Howard S Pulliam ....Jan. 30, 1946

Jan. 31, 1946—Lots 7 to 11, incl, Block 7, Tract 697, Eden Township, Alameda County, Calif. Greenwood Corp to D D Bohannon Organization..........Jan. 25, 1946

Jan. 31, 1946—14897, 14964, 14950 and 14942 Lark St, San Leandro, Calif. Victory Building Co to M Jordan & Son..................Jan. 29, 1946

Jan. 30, 1946—1593 158th Ave, San Leandro, Calif. Anthony Hemenes to whom it may concern..................
..................Jan. 20, 1946

Jan. 30, 1946—SW cor Ashby and California Sts, Berkeley, Calif. General Petroleum Corp of California to Independent Iron Wks ....Jan. 23, 1946

Jan. 30, 1946—Lots 11 to 15, inc, Block 1, Tract 704; Lots 9 to 13, inc, Block 4, Tract 704, Eden Township, Alameda County, Calif. C H McEntyre to whom it may concern..................Jan. 28, 1946

Jan. 30, 1946—363 Panoramic Way, Berkeley, Calif. T H Reid to whom it may concern..Jan. 19, 1946

Liens Filed

ALAMEDA COUNTY

Recorded Amount

Jan. 30, 1946—1733 Market St, Oakland, Calif. Paramount Electric Co vs Frank and Jane Doe Sorce $218.05

Non-Responsibility

ALAMEDA COUNTY

Jan. 30, 1946—Township of Pleasanton, Alameda County, Calif. West Coast Life Insurance Co, being sold under contract to J A Marshall.

Engineering Section

(Continued From Page Three)

40— STREETS AND HIGHWAYS

2/4/46 40

BIDS POSTPONED

WASHINGTON STATE. — Until February 14, 10 A. M. (bids postponed from February 5), bids will be received by the director of highways, Clarence B. Shain, Olympia, Wash., for the construction of the following improvements:

1. Constructing three reinforced concrete highway grade separation structures on primary state highway No. 1 in the vicinity of Kelso in Cowlitz County, at Allen St., Brinyon St. and vicinity of Station 571, Federal Aid Projects Nos. UI-32(11), Unit 1, UI-32(12), Unit 4, and FI-32(6), Unit 1, involving about 2025 cu. yds. of concrete class A, 30 cu. yds. of concrete class B, 360 cu. yds. of concrete class F, 867 lin. ft. of reinforced concrete bridge railing, 595,000 lbs. of steel reinforcing bars, 5000 lin. ft. of timber piling (untreated), 8200 lin. ft. of steel piling and other items.

2. Grading and surfacing on 1.866 miles of primary state highways Nos. 1 and 12, Kelso to Rocky Point and Allen St. connection, in Cowlitz County, Federal Aid Projects Nos. UI-32 (11), Unit 2; UI-32(12, Unit 3; FI-32 (6), Unit 1, and UI-167(12), involving about 29.26 acres of clearing, 16.45 acres of grubbing, 399,370 cu. yds. of common excavation, 28,820 cu. yds. of solid rock excavation, 6205 cu. yds. of common trench excavation, 4140 cu. yds. of structure excavation, 6145 cu. yds. of ballast, 4160 cu. yds. of crushed stone surfacing, 590 lin. ft. of cement concrete curb, 335 sq. yds. of cement concrete sidewalk, 179.21 cu. yds. of concrete class A, 4.0 cu. yds. of concrete class B, 70.24 cu. yds. of concrete class C, 28,626 lbs. of steel reinforcing bars, 1130 lin. ft. of beam guard rail, 4692 lin. ft. of culvert pipe and other items.

3. Grading, paving, constructing reinforced concrete retaining walls and constructing a reinforced concrete T-beam bridge over Pacific Coast Railroad Co. tracks on 0.25 mile of primary state highway No. 5, Maple Valley vicinity in King County, Federal Aid Project No. SG-19(3), and state project, involving about 2520 cu. yds. of unclassified excavation, 1231 sq. yds. of cement concrete pavement, 122,320 lbs. of steel reinforcing bars, 12,200 lbs. of pavement reinforcing, 270 cu. yds. of concrete class A, 80 cu. yds. of concrete class B, 269 cu. yds. of concrete class F, 3800 lbs. of structural steel, 438 lin. ft. of culvert pipe and other items.

4. Grading, surfacing and constructing two steel and concrete bridges over the Soleduck River on 1.774 miles of primary state highway No. 9, Sniders Ranger Station east and west, McDougal Creek revision, in Clallam County, Federal Aid Project No. F-170(10), involving about 18.92 acres of clearing, 11.56 acres of grubbing, 112,030 cu. yds. of common excavation, 3500 cu. yds. of solid rock excavation, 7480 cu. yds. of selected roadway borrow, 4110 cu. yds. of crushed stone surfacing, 490 cu. yds. of crushed cover stone, 340 cu. yds. of crushed mineral aggregate, 3230 lin. ft. of culvert pipe, 744 cu. yds. of concrete class A, 446 cu. yds of concrete class F, 366 cu. yds. of concrete class H, 640 lin. ft. of reinforced concrete bridge railing, 247,000 lbs. of steel reinforcing bars, 568,000 lbs. of structural steel, 5200 lbs. of cast steel and other items.

Federal funds have been allocated for the above construction.

Unskilled labor employed for all federal projects shall be obtained from lists prepared by agencies designated by the United States Employment Service.

All bid proposals shall be accompanied by a bid proposal deposit in cash, certified check or cashier's check in an amount equal to five per cent (5%) of the amount of such bid proposal. Should the successful bidder fail to enter into such contract and furnish a satisfactory performance bond wtihin the time stated in his proposal, the bid proposal deposit shall be forfeited to the State of Washington.

Prequalification of bidders is required. Maps, plans and specifications may be obtained from this office upon written request therefor and payment to the director of highways by cash, certified check, cashier's check or money order the sum of two dollars ($2.00) for each copy of such maps, plans and specifications as a rental for the use of them. Plans will be forward by third class mail.

Informational copies of maps, plans and specifications are on file in the office of the county engineer of the county in which the work is situated, the chapter office of the Associated General Contractors of America at Seattle, Spokane, Tacoma and Portland, and the offices of the district engineers of the Department of Highways where they may be inspected.

2/4/46 • 40

BIDS OPENED

ARIZONA STATE HIGHWAY.—Bowen & McLoughlin and George Lynch, P. O. Box 3946, Phoenix, Ariz., at $352,351.77, submitted the low bid to the Arizona State Highway Commission, 1739 W. Jackson St., Phoenix, Ariz., January 30 for the improvement of the Flagstaff-Winslow Highway, FI 84 (4), Schedule 1, AFE 6670. The work involves four miles of grading, draining and paving, beginning about three miles east of Flagstaff and extending easterly.

The work involves:

(1) 129,700 cu. yds. roadway excavation;
(2) 2400 cu. yds. drainage excavation;
(3) 150,300 sta. yds. overhaul;
(4) 6900 cu. yds. mile haul;
(5) 38,900 T aggregate base;
(6) 6600 cu. yds. stripping pits;
(7) 6600 M gallons sprinkling;
(8) 2300 hours rolling;
(9) 54,400 sq. yds. concrete pavement;
(10) 86 cu. yds class A concrete;
(11) 6400 lbs. reinforcing steel;
(12) 1384 lin. ft. corrugated metal pipe;
(13) 3 each cattle guards;
(14) 18,000 lin. ft. line fence;
(15) 3840 lin. ft. road guard;
(16) 5000 tons mineral aggregate;
(17) 525 tons road oil, SC-4;
(18) 3.9 miles processing road mix;
(19) 450 tons screenings;
(20) 60 tons emulsified asphalt, class "A."

The total bids were:

Bowen & McLoughlin and George Lynch, $352,351.77.
Fisher Contracting Co., $448,311.34.
Wallace & Wallace, $449,795.31.
Packard Contracting Co., $460,-448.53.
Western Contracting Co., $463,-266.09.
Arizona Sand & Rock Co., $469,-654.95.
W. E. Orr, $489,772.92.

2/4/46 • 40

CONTRACT AWARDED

SPOKANE, Wash.—Inland Asphalt Co., 10th and Havana, Spokane, at $10,839, submitted only bid and was awarded contract by the City Council, Arthur Meehan, commission of public works, City Hall, for grading and paving of strip 22 inches wide on Crestline St. from Francis Ave. to Everett Ave., and from Wabash Ave. to Wellesley Ave.; grading of Bismark Ave. from Stone St. to Crestline St.

2/4/46 • 40

BIDS OPENED

ARIZONA STATE HIGHWAY.—Tanner Construction Co., 731 N. Ave. 19, Phoenix, Ariz., at $824,994.03, submitted the low bid to the Arizona State Highway Commission, 1739 W. Jackson St., Phoenix, Ariz., January 30 for the improvement of the Flagstaff-Winslow Highway, FI 81 (4), Schedule 2, AFE 6670. The work involves seven miles of grading, draining and paving, beginning about 7½ miles east of Flagstaff and extending easterly.

The work involves:

(1) 210,700 cu. yds. roadway excavation;
(2) 10,000 cu. yds. overbreakage;
(3) 10,000 cu. yds. slides;
(4) 1600 cu. yds. drainage excavation;
(5) 7100 lin. ft. grader ditches;
(6) 1200 cu. yds. structural excavation;
(7) 368,000 sta. yds. overhaul;
(8) 4500 cu. yds. mile haul;
(9) 7000 tons imported borrow;
(10) 66,700 tons aggregate base;
(11) 17,000 cu. yds. stripping pits;
(12) 7300 M gallons sprinkling;
(13) 2800 hours rolling;
(14) 99,500 sq. yds. concrete pavement;
(15) 1034 cu. yds. class A concrete;
(16) 179 cu. yds. class D concrete;
(17) 127,500 lbs. reinforcing steel;
(19) 427 lin. ft. structural steel hand-
(18) 195,400 lbs. structural steel; rail;
(20) 1620 lin. ft. steel pipe shells;
(21) 46 each driving pile shells;
(22) 1620 lin. ft. filling steel pile shells
(23) 1286 lin. ft. corrugated metal pipe;
(24) 5 each cattle guards;
(25) 72,200 lin. ft. standard line fence;
(26) 7300 lin. ft. road guard;
(27) 9400 tons mineral aggregate;
(28) 800 tons road oil, SC-4;
(29) 7.1 miles processing road mix;
(30) 1050 tons screenings;
(31) 142 tons emulsified asphalt, class "A."

The total bids were:

Tanner Construction Co., $824,994.03.
Bowen & McLoughlin and George Lynch, $849,091.79.
Western Construction Co., $883,-565.35.
Fisher Construction Co., $885,793.06.
W. E. Orr, $916,929.24.
Packard Construction Co., $944,-958.53.

2/4/46 • 40

BIDS WANTED

SAN DIEGO, Calif.—As previously Reported, until February 11, 11 A. M., bids will be received by the U. S. Navy, Public Works Office, 11th Naval District, 1220 Pacific Highway, San Diego, under Spec. No. 16953 for labor and materials for the construction of 40,000 sq. ft. of automobile parking facilities at the Naval Hospital, San Diego. The project will include earthwork, clearing of site, asphaltic cement concrete paving, moving existing utilities, wire fence and other miscellaneous work.

Bids shall be submitted as follows:

(1) price for clearing of site, grading and paving the area within points A, B, C and D, including the two approach driveways and the walk complete;
(2) amount added under Item 1 for moving and re-erecting of government furnished fencing materials between points A to B and B to C only, including 4-ft. gate;
(3) amount added under Item 1 for moving and erection of government furnished fencing materials between points C to D only, including gates;
(4) amount added under Item 1 for clearing of site, grading and paving of additional area No. 1;
(5) amount added under Item 1 for clearing, grading of site and paving of additional area No. 2;
(6) amount added under Item 1 for clearing, grading of site and paving of additional area No. 3;
(7) unit price per lin. ft. for removing and erection of additional government fencing materials, if required, for areas 1, 2 or 3, not exceeding 250 lin. ft.

Specifications obtainable from the above office upon deposit of $10.

2/4/46 40

FUNDS AWARDED
STREET IMPROVEMENTS

Estimated Cost, $290,944

WILLIAMS, Coconino County, Ariz. Construction of street improvements, gutter and paving on Railroad Ave., Grant Ave. and 5th St., 2nd and 3rd Sts., Hancock Ave., 2nd St. and Edison Ave. and on Sheridan and Hancock Aves.

Owner—Town of Williams, J. C. Butler, town clerk, Coconino County, Ariz.

Engineer—Headman, Ferguson & Carollo, Phoenix, Ariz.

The Bureau of Community Facilities, Federal Works Agency, 2223 Fulton St., Berkeley, has awarded funds in amount of $10,550 to assist in preparation of plans.

41—GAS, WATER AND OIL PIPE LINES

2/4/46 41

CONTRACT AWARDED

PORTLAND, Ore. — Empire Construction Co., 4506 SE. 39th, Portland, Ore., at $64,220, has been awarded a contract by the Metzger Water District, office of engineer, 822 Spalding Bldg., Portland, Ore., for the construction of a 21,000-ft. water supply main to connect the district with the Portland water supply system. Bids were received January 11.

The three low bids were:

Empire Construction Co., $64,220.
Leonard & Slate, $68,765.
George Abraham, $65,522.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Misc. Supplies & Materials	42
Machinery and Equipment	43

42— MISC. SUPPLIES AND MATERIALS

2/4/46 42

BIDS WANTED

SAN FRANCISCO.—Until Feb. 19, 2 P. M., bids will be received by the U. S. Treasury Dept., Procurement Division, 30 Van Ness Ave., under Inv. No. SF-2785-46 for furnishing auger bits, hammers, and sharpening stones, fob 650 5th Street, San Francisco.

Specifications obtainable at the above office. • •

2/4/46 42

BIDS WANTED

DENVER, Colo.—Until February 7, 2 P. M., bids will be received by the Bureau of Reclamation, Office of Director of Finance, Custom House, Denver 2, Colo., under Inv. No. C-8565-A for furnishing and delivering 1140 poles (Sched. No. 1); 1140 poles (Sched. No. 2); 1140 crossarms (Sched. No. 3.

Specifications obtainable from the above office; also on file at the office of DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco. •

2/4/46 42

BIDS WANTED

SAN FRANCISCO.—Until Feb. 11, 3 P. M., bids will be received by M. H. Gerry, Purchaser of Supplies, 270 City Hall, under Bid No. 34⁄⁄ for furnishing and delivering 9250 carbon brushes for the Municipal Railway.

Specifications obtainable from the above office. • •

2/4/46 42

BIDS WANTED

DENVER, Colo.—Until February 8, 2 P. M., bids will be received by the Bureau of Reclamation, Office of Director of Finance, Custom House, Denver 2, Colo., under Inv. No. 28,669-A for furnishing and delivering 1,136,-000 lbs. round and square steel reinforcement bars for concrete, f.o.b. shipping point and/or Mountain Home, Idaho.

Specifications obtainable from the above office. • ?

2/4/46 42

NOTICE OF SALE

SAN FRANCISCO—Until February 13, 10 A. M., bids will be received by the officer in charge, Room 615, Navy Material Redistribution and Disposal Office, 785 Market St., San Francisco 3, under Sales Catalog No. B-273-46 for the sale of material as follows:

(Lot No. 1), 808 1⅛-in. galvanized wire rope sockets, open type, drop forged steel, 27 lbs. each.

(Lot No. 2), 1237 1⅜-in. Crosby galvanized cable clips.

Material located at Naval Supply Depot, Bldg. No. 1002, Stockton, Calif.

Bids must be accompanied by certified check or cash in the amount of 25% of bid.

Specifications obtainable from the above office. • ?

43— MACHINERY AND

2/4/46 • 43

BIDS WANTED

SAN FRANCISCO—Until February 19, 2 P. M., bids will be received by the U. S. Treasury Department, Procurement Division, 30 Van Ness Ave., San Francisco, under Inv. No. SF-2784-46 for furnishing and delivering 50 suction hose, 1½-in. inside diameter, 10-ft. lengths, f.o.b. 650 5th St., San Francisco.

Specifications obtainable from the above office.

2/4/46 • 43

CONTRACT AWARDED

SAN FRANCISCO.—Dominic Politeo, 547 Howard St., San Francisco, at $82.50 each, awarded contract by M. H. Gerry, purchaser of supplies, 270 City Hall, San Francisco, under Inv. No. 3464 for furnishing and delivering armatures.

2/4/46 • 43

CONTRACT AWARDED

SAN FRANCISCO.—The Federated Metals Division, American Smelting & Refining Co., at $130 per ton net, delivered three days, submitted only bid and was awarded contract by the purchaser of supplies of the City and County of San Francisco, 270 City Hall, under Bid No. 3461 for furnishing and delivering 15 tons pig lead for San Francisco Water Department.

2/4/46 43

CONTRACT AWARDED

POMONA, Los Angeles Co, Calif.—Mack International Motor Truck Corporation, 1501 S Central Ave., Los Angeles, at $12,043.75 submitted only bid and was awarded contract by the city council of the city of Pomona, Mr. Doramus, city clerk, City Hall, 250 W 4th St., Pomona, Jan. 29 for furnishing one 1000-gal. triple combination pumping engine and tanker, fob Pomona, delivery to be made in 180 days.

2/4/46 43

BIDS WANTED

PORTLAND, Ore.—Until February 14, 10:30 A. M., bids will be received by the Department of Interior, Bonneville Power Administration, L. C. Stewart, procurement officer, Box 3537, 1300 NE. Union Ave., Portland 8, under Inv. No. 3574 for furnishing (1) 30,250 lbs. railway rails, 90 lb. ASCE or ARA sec, relayers, 1000 ft. in random lengths, complete with necessary angle bars, bolts, nuts and washers for assembly, and (2) 670 each tie plates, new, ⅝x8-in., for use with rail, f.o.b. Voltage, Wash., or bidders shipping point.

Specifications obtainable from the above office.

2/4/46 • 43

NOTICE OF SALE

SAN FRANCISCO—Until February 15, 10 A. M., bids will be received by the Navy Department. Material Redistribution and Disposal Office, 785 Market St., San Francisco 3, under Sales aCtalog No. B-277-46 for the sale of the following materials:

(Lot 1), 1 tankless heater, capacity 15 gallons per minute, straight tube floating head, 154-degree temperature rise at 5 lbs.

(Lot 2), 1 mixing valve water thermostat control, 1¼-in. inlet hot and cold, 1½-in. outlet.

(Lot 3), 500 bolts, pole line, ½-in. x 1¼-in., with galvanized nuts.

Materials located at 9th Ave. Pier, Oakland, Calif.

Bids must be accompanied by certified check or cash in the amount of 25% of the bid.

Specifications obtainable from the above office.

2/4/46 • 43

NOTICE OF SALE

SAN FRANCISCO—Until February 14, 10 A. M., bids will be received by the Navy Redistribution and Disposal Office, 785 Market St., San Francisco 3, under Sales Catalog No. B-274-46 for the sale of the following materials, located at Navy Material Redistribution Center, Bldg. No. 1005, Stockton, Calif.

(Lot 1), 1560 units galvanized drop forged closed steel sockets, 1-in.

(Lot No. 2), 251 units 1-in. galvanized drop forged steel open sockets bored for 1⅛-in. rope.

(Lot No. 3), 395 each, equalizing thimbles, 1-in., galvanized cast steel, double grooved.

(Lot No. 4), 430 units galvanized caps fo requalizing thimbles in Lot No. 3.

Bids shall be made for a minimum of 100 sockets, thimbles or caps listed above or any multiple of 100, and must be accompanied by a certified check or cash in the amount of 25% of the bid.

Specifications obtainable from the above office.

UNO Capital

(Continued from Page 1)

"The officers and members of The Board of Directors of the Institute feel that the location of the United Nations Capital in this country is an occasion of profound significance and that the implications will be far-reaching from an architectural point of view. Therefore, the concept of the Capital demands the best thought and the highest skill that the architectural profession, nationally and internationally, can produce. It is the beginning of a long road. The realization of the project will take time, and it is important that we set off on the right foot.

"What we propose to do is to form a nation-wide committee of leading architects, old and young, representing the entire country geographically, and representing the various tastes that manifest themselves in the archiectural profession. This committee would advise and assist U.N.O. officials in obtaining a physical embodiment of the U.N.O. Capital that would accord with the Organization's high ideals.

"The experience of the profession on procedure and other matters would be made available to U.N.O. officials. It may be that the program to the judgment of those in charge of physical aspects of the U.N.O. Capital will decide that an international competition among architects would be desirable. In this event, our proposed committee could be of considerable assistance in setting up, organizing and carrying through the competition from the writing of the admissions."

Pointing out that U.N.O. officials will undoubtedly be besieged with ideas and proposals from many organizations and individuals the Institute said that the advice of the committee should prove especially helpful in shifting such ideas for the U.N.O. officials' further consideration.

"There are doubtless many other questions that will arise, on which the advice and assistance of such a committee should be most helpful," the Institute continued. "It is, of course, our intention that the committee would serve without compensation."

OFFICIAL PROPOSAL

LS 346—Steel Pipe

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the East Bay Municipal Utility District, 512 Sixteenth Street, Room 205, Oakland, California, until 5:30 P. M., Wednesday, February 13, 1946, and at that hour will be opened, for furnishing approximately 1500 linear feet of 16-inch cement lined and coated steel pipe, f.o.b. District Property between 73rd Avenue and 98th Avenue near San Leandro Boulevard, Oakland, California.

Specifications (No. LS 346) may be obtained at room 406 of the office of the District.

DANIEL READ,
Secretary.

Oakland, California,
January 31, 1946.

(Daily Pacific Builder)
(Feb 4, 1946)

Classified Advertising

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General Contractor wants FIRST-CLASS ESTIMATOR State experience, references and salary expected. Reply Box 131, c/o Daily Pacific Builder. to Feb. 5, 1946

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ARCHITECTURAL DRAFTSMAN wanted. A-1 man. Working drawings and details. General work, schools and public buildings. Long Job. Write details and salary expected. F. T. Georgeson, P. O. Box 55, Eureka, Calif. Phone Eureka 394. (to 2/4/46)

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PLANS and Speculations

Marin County: The American Legion campaign to secure a veterans memorial building for Mill Valley appears to be a success. The County Board of Supervisors has taken steps to provide a series of nine buildings throughout the county. Tentative site for the MILL VALLEY structure is on Elm near Sydney Street, and will cost an estimated $125,000. Aggregate expenditure for the nine buildings is estimated at $660,000. . . . The Madera Gardens Company has announced plans to construct approximately 650 homes, each with a valuation of $10,000, or more, on a 170-acre tract lying between Corte Madera and Larkspur on the Redwood Highway. . Hil Probert, newly appointed Marin County dealer for the Kaiser-Frazer automobile, has announced a $30,000 building program. Probert also plans to handle a complete line of appliances in his new building, which is to be an addition to his present service station.

oOo

Berkeley: Foundation work has been started for a new $750,000 dry ice plant for Pure Carbonic, Inc. The building will be erected adjoining the firm's present factory at Third and Virginia Streets. . . . The Berkeley Sheet Metal Works, operated by Carlo Johnson, plans expansion of its plant upon moving into a new building at 3045 Green Street, which will be completed in about 90 days.

oOo

Susanville: The Lassen County Board of Supervisors announces that word has been received from the Federal Works Agency that the proposed Feather Lake Highway, northwest from Susanville, has been designated as California Forest Highway Route No. 92, and $400,000 has been set aside for the building of 12 miles. Three miles, costing $150,000, wil be built east from Old Station. Nine miles starting at the junction with Route 36 west of Susanville, will cost $250,000.

oOo

Surveys to determine a new Marin highway approach to the Golden Gate Bridge, to augment the present steep Waldo approach, have been started. State highway engineers are checking on at least two possible routes for the proposed new thoroughfare. The first project will be a survey through Sausalito's hill residential district approx. mid-way between Waldo and the waterfront. The second survey course will be along the water-level course for an intersection with Alexander Avenue at the Fort Baker gate.

oOo

Resumption of Coastwise Cargo Service Planned

Resumption of coastwise cargo service under private operation is planned to be started from California ports about February 16, according to announcement made today by W. Creighton Peet, Jr., Pacific Coast Director of the War Shipping Administration.

Under the proposed plan five companies will operate a fleet of nine ships of the C1-M-AV1 coastal cargo type, between the ports of California and Columbia River and Puget Sound in the general cargo carrying trade.

The proposal calls for two weekly sailings from the California pots to the ports of the Columbia River and two sailings a week from California to the ports of Puget Sound.

The McCormick Steamship Company and the Coastwise Line will be allocated three ships each for the resumption of this service while one ship each will be turned over to the Burns Steamship Company, Griffiths Lines, and the Olympic Steamship Company.

Eight of the ships already selected are the Coastal Rambler, Coastal Cadet, Coastal Telegrapher, Coastal Courser, Coastal Charger, Coastal Buccaneer, Coastal Champion, and the Carrick Bend. The ninth craft will be selected later.

V

MARITIME COMMISSION OPENS OAKLAND SALES OFFICE

The United States Maritime Commission has announced the inauguration of increased service to prospective buyers of government-owned surplus marine materials. Sales and inquiries will still be handled through the Materials Disposal Section, Washington 25, D. C., but service will also be available through a Maritime Settlement Section, whose office is located at 14th and Franklin Streets, Oakland 12.

Selected items of surplus marine materials will be on display at the above-mentioned office and an up-to-the-minute centralized inventory will be maintained in the main offices in Washington to permit all field offices to sell from the total supply.

Report Demonstrates How Communities Can Put Redevelopment Act to Work

The steps by which California communities can take advantage of the Community Redevelopment Act of 1945 are clearly shown in a report released today by the State Reconstruction and Reemploy- ment Commission. The report, issued in the form of a pamphlet entitled "Blighted", points out that it is now possible for local governments to preserve human values and to save untold millions in taxes by "mobilizing resources behind the most dramatic reclamation project of our time."

The report demonstrates how communities may eliminate slum conditions of neglected and wasted sections of cities, put them to new and better uses, aid in raising standards of health and morals and restore physical values to the tax rolls.

Announcing the release of the report, Col. Alexander R. Heron, State Director of Reconstruction & Reemployment, said:

"The Community Redevelopment Act, recommended by the Commission, became a law last year. This legislation permits the reassembling of land ownership in the so-called "blighted areas" of cities and counties for the purpose of redesigning and redevelopment.

"In order to bring about the purposes for which this legislation was passed, the Commission has provided a simplified explanation of the procedure by which citizens of California communities may take the necessary steps to eliminate their blighted areas.

"The assistance which the Commission offers in putting the Community Redevelopment Act to use is a part of its assigned duty to encourage the economic and social improvement of the general public."

The report shows that the Commission, which brought together the groups that drafted the legislation, is taking four major steps to help bring the act into full usefulness. These are:

1. Assistance in carrying thru the California courts the test case to which the new basic laws are subjected.
2. Investigation of the details of financing urban redevelopment projects through a group of financial authorities.
3. Formation of "redevelopment teams", composed of persons who are experts in city planning, construction, finance and other fields connected with community rebuilding. These "teams" will be available, without cost, to consult with citizens interested in using the Community Redevelopment Act.
4. Distribution of the pamphlet "Blighted", which tells about the new law and how to use it.

The pamphlet singles out examples of how blight affects a modern community by citing instances in San Francisco, Los Angeles, San Diego, Lodi, Huntington Beach, Sacramento and Upland. These cities assisted the Commission by supplying data which shows how the use of the new law may contribute to both the human and financial welfare of a community.

It is pointed out that almost every other city in California shares with these cities the problems which can be solved by putting the Community Redevedopment Act into practical use.

It is shown that the governmental functions of communities may be put to use in assisting private enterprise to carry out redevelopment projects.

Did You Know That . . .

Jack Bell has returned to San Francisco to represent the Universal Atlas Cement Company on the Pacific Coast. Universal Atlas has recently opened an office at 714 West Olympic Blvd. in Los Angeles and has renewed their membership in the San Francisco Builders' Exchange.

-O-

Architect S. Heiman announces that since January 1, Ralph N. Pollack, AIA, has been associated with him in the practice of architecture at 605 Market Street, San Francisco.

-O-

John M. Bartlett, general contractor, has moved from 1706 Parker Street, Berkeley, to 703 Everett Street, El Cerrito. Temporary 'phone number is Landscape 5-9133.

-O-

H. Bertram, heating and plumbing contractor, has announced a new business location at 330 Fifth Street, San Francisco 7. Telephone DOuglas 3632. A modern show room has been added and a twenty-four-hour emergency service is maintained.

Plan Nob Hill Underground Garage

As one solution to the automobile parking problem in San Francisco, preliminary studies are now being developed for an underground garage below Huntington Square.

Mrs. J. A. Swanson, president of the Nob Hill Civic Club, points out that Nob Hill and its immediate vicinity is the most highly congested and closely populated section of the city. One apartment house after another line the streets and within a three-block radius of Huntington Square are living quarters for 7000 families. For this number of living units there is approximately accommodations for only 850 automobiles. This lack of garage space aggravates the problem so that many of the residents, who would like to own cars deprive themselves of this convenience, while those who own cars are forced to park wherever they can at all hours of the day and night.

Engaged in the preparation of studies for the proposed underground garage is PLANCO, a local firm of engineering, planning and construction consultants, located at 255 California Street, with branch offices at 37 Wall Street, New York. Leonard S. Mosias, president and managing director, outlines the project as including a sub-surface garage under Huntington Square, 12 stories in depth, which would be about three times the size of Union Square Garage and accommodate approximately 6000 automobiles. "The subterranean structure", says Mr. Mosias, "with facilities for all kinds of shops and services, will rival Radio City in New York. No longer will one have the problem of finding parking space within easy walking distance of such famous hotels as the Fairmont, Mark Hopkins and Huntington. By using any one of the proposed northeast, south or west subway entrances, one will be able to drive into the underground parking area. After leaving the car to be parked by an attendant, high-speed elevators will whisk one up to the street level or an underground entrance with access to the hotels on top of Nob Hill". The project is estimated to cost $20,000,000, and the proposed subway entrances are tentatively located on the west at California and Hyde Streets; on the south at Bush and Mason Sts.; on the east through St. Mary's Park, and on the north in the vicinity of Clay and Mason Streets.

V

ENGINEERS IN FIRST POSTWAR CONFERENCE

The Pacific Coast section of the Society for the Promotion of Engineering Education will meet on the Berkeley campus of the University of California on February 22 and 23. In this meeting, the first since the beginning of the war, papers on the effects of the war and war research upon engineering education will be presented, according to Chairman Clement T. Wiskocil, professor of civil engineering at the University.

Faculty and staff members from colleges and universities in Arizona, California, Nevada, and Utah and engineers from Pacific Coast industries, will participate in the discussions.

GROOVER AND I

WHAT IS "NOTHING"?

When the Corning Glass Company cast the 200-inch reflector block for the Mt. Palomar Observatory, I expressed the wish that I might live until this telescope was in action and bringing to the vision of man the secrets of unexplored space.

★ ★ ★

(Hitler and his gang clipped about five years off the schedule but I may yet get my wish.)

★ ★ ★

When we remember that our sun is only about eight light-minutes away, it is necessary to take a deep breath when you think of distances involving hundreds and thousands of light-years.

★ ★ ★

It is man's nature to want to know the answers—to add a column of figures and write down the total. If space is infinite, he wants to know the size of infinity.

★ ★ ★

On the other hand, if the Curvature of Light Theory is correct and space is finite, then additional questions present themselves:

★ ★ ★

If space is finite what is on the other side of space? Nothing?

★ ★ ★

What is "nothingness', and how far does it extend? What begins after "nothing" ends?

★ ★ ★

When you come to the edge, will you drop off? How far will you drop? And, on what will you land? How thick is it, and on what does it rest?

★ ★ ★

Can an astronomer be an atheist?

Surplus Drafting Equipment Offered For Sale To Agencies

Quantities of architectural and engineering equipment, recently declared surplus by the armed forces, are at present being offered for sale to governmental agencies, veterans and tax exempt educational institutions, the War Assets Corporation announced today.

The disposal is being conducted through the regional consumer goods offices maintained by WAC in 11 cities. Purchasing agents of federal, state and local governmental offices and non-profit institutions who are interested in purchasing this scarce merchandise should contact their regional office for the sales date.

Non-profit institutions engaged in public health and educational work will be allowed a 40 per cent discount on needed items as provided by law.

The surplus includes 2,000 proportional dividers, 7¾-inch with case; 33,000 drawing boards including those folding or adjustable trestles; 80,000 rolls of tracing cloth, ink type, in standard size rolls; 47,000 architects and engineers triangular boxwood scales; and 64,000 rolls, 26,000 pads and 2,000 gross loose sheets of tracing paper.

Consumer goods regional offices are located in the following western cities:

1030 15th Street, Denver 2, Colo.
30 Van Ness Ave., San Francisco.
2005 Fifth Ave., Seattle 1, Wash.

V

SOMETHING TO THINK ABOUT

Total American casualties during the World War from December 7, 1941 to June 1, 1945, were 1,012,000. The traffic toll of motor vehicle accidents during the corresponding period was 3,200,000. That's something to think about.

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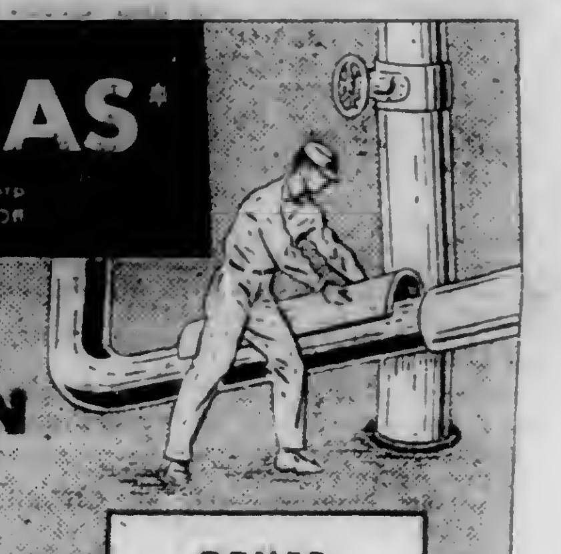

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Religious Buildings 18-19
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Residential Buildings 22-26
Transportation Bldgs. 27
Miscellaneous Bldgs. 28-30

1-8—COMMERCIAL BLDGS.

2/5/46 • 2
PLANS BEING FIGURED
AIRPORT BUILDINGS
BELMONT, San Mateo County, Calif.
Construction of steel frame hangar (130x140 feet), 50 T hangars (50x 32 feet), frame and stucco administration building containing 4000 square feet of floor space and 3500 square feet of terrace. Hangars will have masonry and transite walls, steel sash, cement slab floors; administration building will include redwood and masonry work, cement, asphalt tile floors, steel sash, night lighting system, paving and 150,000 square feet concrete apron.
Owner—Belmont Airport Corp.
Architects—R. Benedict Brout & Associates, 1 Drumm St., San Francisco.

2/5/46 • 4
PLANNED
OFFICE AND WAREHOUSE
Cost, $500,000
EMERYVILLE, Alameda Co., Calif. Southwest corner 65th and Green Sts.
Construction of office and warehouse building to contain 100,000 to 150,000 square feet of floor space.
Owner—Joseph T. Ryerson & Son, Inc., Chicago, Ill.

2/5/46 • 2
PLANS BEING FIGURED—BIDS OPEN FEBRUARY 9, 2 P. M.
SHOWROOM AND GARAGE
SAN RAFAEL, Marin County, Calif. Fourth and Crescent Sts.
Construction of one-story steel frame and concrete block showroom and garage building (100x100 ft.).
Owner—Armstrong & Campbell.
Consulting Engineer—H. M. O'Neill Co., 610 16th St., Oakland.

Plans are being figured by the following contractors:

E. S. McKittrick Co., 610 16th St., Oakland.

Leibert & Caletti, 28 Francisco Blvd., San Rafael.

Litchfield Construction Co., 721 Francisco Blvd., San Rafael.

E. P. Merritt, 102 Rialto Bldg., San Francisco.

2/5/46 • 8
COMPLETING PLANS
STORE Estimated Cost, $400,000
FRESNO, Fresno County, Calif. Fulton and Kern Sts.
Renovating and modernizing the interior and exterior of a two-story and basement department store building. The work includes minor structural changes; the exterior treatment involves structural glass, plate glass and stainless steel; interior work involves new elevators, new air conditioning system, new marble floors and new store fixtures.
Owner—E. Gottschalk & Co., Inc.
Architect—Albert B. Gardner, Room 804, 408 Spring St., Los Angeles.
Contractor—Not announced.

2/5/46 • 8
WORK UNDER WAY
ALTER STORE
Approximate Cost, $20,000
SACRAMENTO, Sacramento County, Calif. 11th and K Sts.
General alterations to shoe store front and interior alterations involving some plumbing and electrical work.
Owner—I. Miller Shoe Co., 11th and K Sts.
Archtect — Gordon Stafford, Forum Bldg., Sacramento.
Contractor—Frank Maloney, 1915 S St., Sacramento.

9-10—EDUCATIONAL BUILDINGS

2/5/46 9
BONDS VOTED
COLTON, San Bernardino Co., Cal. —The Colton Elementary School District voted bonds in the amount of $295,000 to finance construction of two new school buildings and a kindergartent addition to the Washington School, Colton, for the District.

2/5/46 • 10
PLANS BEING FIGURED
SUNDAY SCHOOL Cost, $90,000
SAN JOSE, Santa Clara Co., Calif.
Construction of reinforced concrete Sunday school building to house a 350-seat auditorium, classrooms for 250 pupils, ladies' parlor, toilets, kitchen, stage, etc.
Owner — First Presbyterian Church, 60 N. Third St., San Jose.
Architects—Donald Beach Kirby, 409 15th St., Oakland, and Wm. Woolett, 400 Rowan Bldg., Los Angeles.
Future plans call for rmodeling an adjoining building for a youth center and remodeling the 600-seat auditorium; total cost, $160,000.

2/5/46 • 9
ACQUIRING SITE
HIGH SCHOOL PLANT $1,000,000
RENO, Washoe County, Nev. West side of old Verdi Rd., approximately 200 yards south of Verdi Rd. and California Ave.
Construction of new high school plant
Onwer—Reno School District No. 10, Earl Wooster, superintendent of Reno city schools, 139 W. 6th St., Reno, Nev.
Architect—Not Given.
Negotiations are under way to acquire 30 to 50 acres of land at the S. Verdi Rd. site.

2/5/46 • 9
BONDS VOTED
SCHOOL BUILDINGS
SACRAMENTO COUNTY, Calif. Beyond North Sacramento, Edison and Watt Aves
Construction of a new auditorium building to seat approximately 750 persons and a new kitchen wing at the Arcade School.
Onwer—Arcade School District.
Architect — Gordon Stafford, Forum Bldg., Sacramento.
The school district voted bonds February 1 in amount of $76,000 to finance construction of the above, for which working drawings will be started soon.
Master plan for the school expansion includes 15 new classrooms, 3 of which are now under construction by Lawrence Construction Co., Sacramento; the new auditorium and kitchen wing and a new pool, bleachers, locker rooms, etc., will be built later.

2/5/46 9
FUNDS AWARDED
SCHOOL BLDG. Est. Cost, $82,000
GARVEY, Los Angeles County, Calif.
Construction of combination classrooms-cafeterias, including health and rest facilities, with approximately 9000 square feet floor area, at the Emerson, Marshall, Willer and Monterey Vista schools.
Owner—Garvey School District, Dan T. Williams, district superintendent, Garvey.
Architects — Kistner & Wright, 412 Architects' Bldg., Los Angeles.
The Bureau of Community Facilities, Federal Works Agency, 2223 Fulton St., Berkeley, has awarded funds in amount of $3600 to assist in preparation of plans.

2/5/46 9
SCHOOL BLDG. Est. Cost, $276,000
LIVINGSTON, Montana.
Construction and equipment for two-story brick or concrete school bldg. containing 12 classrooms and combination gym-auditorium, also an addition of comb. gym-auditorium to one of the existing buildings.
Owner—School District No. 4, Park County.
Architect—Cushing & Terrill, Billings; Mont.
FWA has awarded funds in amount of $9500 to assist in preparation of plans.

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2/5/46 9
PREPARING PLANS
NORWALK, Los Angeles Co., Calif. Architects Kistner, Curtis & Wright, Architects' Bldg., 816 W. 5th St., Los Angeles, are completing advanced preliminary plans for submission to the State Division of Architecture for construction of new elementary school buildings at Rosecrans and Norwalk Blvd., Norwalk, for Norwalk School District, Reginald Benton, superintendent, Walnut and Funston Sts., Norwalk. The project will consist of four classroom buildings with three classrooms each; a building to contain food, clothing, science, art rooms and library; an administration building, a cafeteria and assembly building, shop building, warehouse buildings and bus garage building for a total of approximately 47,000 sq. ft. of floor space. All buildings will be one-story, frame and stucco construcstruction, tile and composition roofing, automatic awning type wood sash, terrazzo, asphaltic tile floor covering, forced air gas heat. The cost is estimated at $450,000

2/5/46 9
FUNDS AWARDED
DORMITORY BUILDING
Estimated Cost, $363,948
TUCSON, Pima County, Arizona.
Construction of dormitory building to house 220 men, having a three-story front and 4-story rear as the grade at the site drops, and to be constructed of reinf. concrete, for the footings and ground story walls, brick and terra cotta, and having an area of approx. 40,400 sq. ft.
Owner—University of Arizona, Alfred Atkinson, President, Tucson.
Architect—Alfred Atkinson, Tucson.
The Bureau of Community Facilities, FWA, 2223 Fulton St., Berkeley, Calif., has awarded funds in amount of $12,928 to assist in preparation of plans.

2/5/46 9
FUNDS AWARDED
SCHOOL ADDNS. Est. Cost, $379,500
COMPTON, Los Angeles Co., Calif.
Construction of addns., incl. 5 classrooms, kindergarten and sanitary facilities to Washington school; 4 classrooms, kindergarten and sanitary facilities to Abbott school; construction of Marcelle St. school consisting of administrative area, 7 classrooms and kindergarten unit with sanitary facilities, corridors and utility spaces; construction of addition of 3 classrooms to Rosecrans school, and 4 classrooms to Roosevelt school.
Owner—Compton City School Dist., Mrs. Ardella B. Tibby, Supt.
Architect—H. L. Gogerty Organization, 6355 Yucca St., Hollywood.
The Bureau of Community Facilities, FWA, 2223 Fulton St., Berkeley, has awarded funds in amount of $16,000 to assist in preparation of plans.

2/5/46 9
BONDS VOTED
EL MONTE, Los Angeles Co., Calif. —El Monte Union High School District, Los Angeles County, voted bonds in amount of $900,000 for the purpose of erecting new school buildings and altering and adding to present buildings. Kistner, Curtis & Wright, 816 W. 5th St., Los Angeles, are architects for the district.

2/5/46 9
ARCHITECT SELECTED
GARDENA, Los Angeles Co., Calif. —Architect E. W. Hoak, 417 S. Hill St., Los Angeles, has been commissioned to prepare plans for the construction of a classroom and auditorium building at the Chapman Ave. Elementary School, 1947 Compton Blvd., Gardena, by the Los Angeles Board of Education, 1425 S. San Pedro St., Los Angeles. The cost is estimated at $84,000.

2/5/46 10
CONTRACT AWARDED
SAN DIEGO, Calif.—M. H. Golden Constr. Co., 3485 Noell, San Diego, awarded contract for construction of a one-story reinforced concrete parochial school (58x104-ft.) on Canyon Road, San Diego, for the St. Agnes Roman Catholic Parochial School, 1528 4th, San Diego.
Plans prepared by Architect Wm. P. Lodge, 5th Ave. Bldg., San Diego.

2/5/46 10
BIDS WANTED—TO BE OPENED FEB. 18, 3:30 P. M.
GIRLS DORM. Est. Cost, $100,000
LA GRANDE, Ore. Eastern Oregon College of Education.
Construction of concrete and frame addition to wing of existing building in two sections; one 2-story 48x48, basement with flat asphalt roof connecting to present wing: one 3-story, 38x62 basement with wood shingle roof.
Owner—State Board of Higher Education, Benson Hotel, Portland, Dr. Chas. Byrne, Secty.
Architect—C. Howard Kable, Yeon Bldg., Portland.

2/5/46 10
BIDS WANTED—TO BE OPENED FEB. 18, 2:00 P. M.
WOMENS' DORM. Est. Cost, $750,000
CORVALLIS, Ore. Oregon State College.
Construction of women's dormitory; reinf. concrete, H-shaped, 3-story, brick veneer exterior, concrete slab bases on all floors, lath and plaster interior, steam heating.
Owner—Oregon State College, Corvallis.
Architects—Glenn Stanton and Hollis Johnson, Concord Bldg., Portland.

Following contractors have taken out plans:

E. E. Settergren, Henry Building, Portland.

W. C. Smith, Inc., Board of Trade Bldg., Portland.

Donald M. Drake Co., Lewis Bldg., Portland.

Oscar Wayman, Lewis Bldg., Portland.

Chas. R. Schmiedeskamp, 1421 SW Broadway, Portland.

Nelse Mortensen & Co., 1021 Westlake North, Seattle.

Todd Bldg. Co., P. O. Box 749, Eugene, Ore.

Halvorson Constr. Co., First National Bank Bldg., Salem.

2/5/46 9
PLANS COMPLETED
SCHOOL BUILDING PROGRAM
Est. Cost, $1,500,000
YAKIMA, Wash
Plans for school building program being presented to the school board to include: $225,000 new school; $390,000 gym and swimming pool, gym to be 140x200, pool, 35x75, with 4 swimming lanes; $173,000 for industrial arts and music building; improvements to the following: senior high school, $37,000; Franklin junior high, $125,000; Adams school, $80,000; Garfield school, $70,750; Jefferson school, $60,900; Madison school, $15,000; Lincoln school, $30,000; McKinley school, $53,000; Roosevelt school, $17,000; Washington junior high, $130,000. Improvements include more classrooms, sanitary facilities, etc.
Owner—Board of Education, Yakima, Wash.
Architect—John Villesviks.

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11—HOSPITALS

2/5/46 • 11
BIDS WANTED—TO BE OPENED FEBRUARY 19, 2 P. M.
HOSPITAL Est. Cost, $340,000
SALEM, Ore.
Construction of hospital cottage farm consisting of three-story reinforced concrete and buff colored brick building, 330 feet long with five wings (93x40 each); tile pitched roof.
Owner—Oregon State Board of Control, Roy Mills, secretary, State Capitol.
Architect—Sutton, Whitney & Aandahl, Lewis Bldg., Portland.
Plans and specifications obtainable from the architect's office.

12-13—INDUSTRIAL BUILDINGS

2/5/46 • 12
PREPARING WORKING DRAWINGS
FACTORY BLDG. AND HOUSING
Estimated Cost, $350,000
SOUTH SAN FRANCISCO, San Mateo County, Calf.
Construction of reinforced concrete and structural steel factory building and a private housing project; the factory building will have composition roof, corrugated glass, etc., and dwellings will be reinforced concrete construction.
Owner—Withheld.
Consulting Engineer—Myron C. Gould, 86 Third St., San Francisco.

2/5/46 • 12
WORK STARTED
CHEMICAL PLANT
SAN JOSE, Santa Clara Co., Calif. Monterey Rd., one mile south of San Jose.
Construction of chemical plant involving several reinforced concrete and structural steel frame buildings, 2 and 3 stories, steel sash, concrete slab roof and floors, composition roof, steam heating, electrical and plumbing facilities.
Owner — International Mineral & Chemical Corp
Plans by contractor.
Contractor—Stone & Webster Engineering Corp., 601 W. 5th St., Los Angeles.
Superintendent of Construction—C. P. Weaver, P. O. Box 685, San Jose.

2/5/46 • 12
BIDS IN—HELD UNDER ADVISEMENT
FACTORY BUILDING
DIXON, Solano County, Calif.
Construction of factory building.
Owner—Penetrator Syphon Company, Dixon.
Architects—Will G. Corlett and Arthur W. Anderson, Bank of America Bldg., Oakland.
Announcement within a few days.

14-17—PUBLIC BLDGS.

2/5/46 • 15
PREPARING PLANS
COUNTY LIBRARY Cost, $50,000
HOLLISTER, San Benito Co., Calif. Fifth St. site now occupied by the Knights of Columbus Hall.
Construction of new county library building.
Owner—San Benito County Board of Supervisors, Elmer Dowdy, county clerk, Courthouse, Hollister.
Architect — E. Geoffrey Bangs, 605 Market St., San Francisco.
The building now occupying the site will be advertised for bids immediately.

2/5/46 • 16
CONTRACT AWARDED
SEATTLE, Wash.—Agutter Electric Co., Seattle, at $10,186, awarded contract by the office of the district engineer, Federal Works Agency, Public Buildings, Administration, 838 U. S. Appraiser's Bldg., San Francisco, for furnishing and installing fluorescent lighting fixturs, Federal Office Bldg., Seattle.

22-26—RESIDENTIAL BUILDINGS

2/5/46 22
WORK STARTED
CLAREMONT, Los Angeles Co., Calif.—C. T. and W. P. Stover, 116 N Alexander, Claremont, have started work on the 2- and part 3-story reinforced concrete dormitory building adjoining Blaisdell Hall, Pomona College, Clairmont, for the college. Est. cost, $340,000.
Plans by Architects Allison and Rible, 305 Quinby Road, Los Angeles.

2/5/46 26
CONTEMPLATED
HOUSING PROJECTS
Est. Cost, $100-500,000 each
SEATTLE, Washington.
Construction of four housing projects, two to be located in South end, two in North end. Complete sewerage, water and grading.
Owner—Withheld.
Consulting Engineer—Gardner, Gardner & Hitchings, Arctic Bldg.

2/5/46 22
PLANS COMPLETED
LOS ANGELES COUNTY, Calif.—Architect George G. Lourdou, 1353 Bruce Ave., Glendale, has completed working plans for a two-story brick hotel building to be built at 5606 Hollywood Blvd., Los Angeles, for O. B. Olson; 20x153 ft. in area, composition roofing, concrete slab and wood floors, interior plaster work, tile baths and showers, gas heating, gas water heater, steel sash; $40,000.

2/5/46 • 23
HOUSING PROJECT Cost, $46,195
SAN LUIS OBISPO, Calif. California Polytechnic School.
Construction of veterans' emergency housing project.
Owner—California Polytecnic Foundation, Inc., California Polytechnic School, near San Luis Obispo.
Plans by owner.
Contractor—Close & Lewis, 721 C St., Hayward.

2/5/40 • 24
PREPARING PRELIMINARY PLANS
RESIDENCE
SAN RAFAEL, Marin County, Calif.
One- and one-half story frame or masonry residence (7 rooms).
Owner—A. Taddeucci, c/o architect.
Architect — Leonard S. Mosias, 255 California St., San Francisco.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Water Supply and Sewage Disposal Plants 31-32
Bridges 33
Dams, Reservoirs and Dredging 34
Docks, Piers & Harbors 35
Parks, Airports and Playgrounds 36
Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

2/5/46 • • 31
LOW BIDDER
LARAMIE, Wyo.—Allred & Enix Constr. Co., Papa, Texas, submitted low bid to the city council of the City of Laramie, Wyo., January 29, for construction of improvements to water supply system at Laramie; estimated cost, $750,000. Plans and specifications were prepared by R. J. Tipton & Associates, 602 Insurance Bldg., Denver.

The work involves:

(1) 108,000 cu. yds. pipe and structural excavation;
(2) 94,000 cu. yds. of pipe backfill;
(3) 100,000 lin. ft. of either 20-in. pre-stressed or modified prestressed concrete pipe, or
(4) 100,000 lin. ft. of 20-in. welded steel pipe, or
(5) 100,000 lin. ft. 20-in. asbestos cement pressure pipe;
(6) 8600 lin. ft. of either 36-in. reinforced concrete pipe, or
(7) 8600 lin. ft. 36-in. welded steel pipe, or
(8) 8600 lin. ft. of 36-in. asbestos cement pressure pipe;
(9) 1180 lin. ft. 20-in. class C-150 cast iron pipe;
(10) 125 lin. ft. 16-in. same;
(11) 285 lin. ft. 12-in. same;
(12) 380 lin. ft. 8-in. same;
(13) 290 lin. ft. 4-in. same;
(14) concrete intake structure;
(15) concrete air valve wells;
(16) blow off wells and sectionalizing valve wells.

2/5/46 32
FRESNO, Fresno Co., Calif.—The City of Fresno has filed an application with the Department of Public Health, Wilton L. Halverson, M. D., director, Phelan Bldg., San Francisco, for a permit to construct a primary stage sewage treatment plant on the present sewer farm located on the south side of Jensen Ave. and between Cornelia and Grant Aves.; also to acquire approximately 1260 acres of additional land for the disposal of effluent from the proposed plant. The additional land lies immediately south and southwest of the present sewer farm.
The method of treatment proposed is the use of mechanically cleaned clarifiers and two-stage covered sludge digesters. Raw sewage is to be chlorinated for odor control. Digested sludge is to be dried on beds and effluent from the plant is to be disposed of by irrigation, ponding and land filtration. Preliminary reports were prepared by Engineers Koebig & Koebig, Rowan Bldg., Los Angeles, and may be seen at the office of the Bureau of Sanitary Engineering, 15 Shattuck Square, Berkeley, Calif.

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Peninsula Pacific Construction Co., Spring and Chestnut Sts., Redwood City. Phone 1722. to Feb. 7, '46

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Feb. 4-5, '46

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SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Laboratory Bldg., Moffett Field; Bids close February 8, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
Carl N. Swenson Co., 355 Stockton Ave., San Jose (BAllard 2602).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
M. J. King, Inc., 231 Franklin Street, San Francisco (UNderhill 8209).
Peter Sorensen, 927 Arguello St., Redwood City (Redwood 2212).
Parker, Steffens & Pearce, 135 South Park, S. F. (EXbrook 6639).

Expansion Sheet Metal Shop, Etc., S. F. Naval Shipyard; Spec. 17230; Bids open February 7, 11 A. M.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209-.
Clinton Constr. Co. of Calif., 923 Folsom St., San Francisco (SUtter 3440)
Midstate constr Co., 1299 Bush Street, San Francisco (ORdway 4638)
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624).

Store Bldg., Railroad Ave. and E 7th St., Pittsburg; Bids open Feb. 9, 11 AM
Barrett & Hilp, 918 Harrison St. San Francisco (DOuglas 0700).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Louis C. Dunn Co., 799 Monadnock Bldg., San Francisco (YUkon 1471)
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).

Tulana Farms Grain Elevator, Worden, Ore.; Bids Ipen Feb. 14, Noon.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

Tank Truck Loading Fac., Standard Oil, Richmond; Bids open Feb. 18, Noon
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980
Barrett & Hilp. 918 Harrison St. San Francisco (DOuglas 0700).

Bldgs., Paving and Utilities, U. S. Navy Sta., Inyokern; Spec. 17379; NOy 13211; Bids open February 5, 2 P. M.
Johnson, Drake & Piper, Inc., 1736 Franklin St., Oakland (GLencourt 8011). Bids due in Oakland office February 2).
Haddock-Engineers, Ltd., P. O. Box 479, Oceanside.

Foster Weeks Store & Apts., Grand Ave., Oakland; Bids open Feb. 4, 3 PM
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729).
Empire Constr Co., 344 Harriet St., San Francisco (HEmlock 3400).

Alter Grand Lake Theatre, Oakland; Bids open February 6, 2 P. M.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).
Mariposa Constr. Co., 1106 Mariposa St., S. F. (UNderhill 0375)
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).

Shops Bldg., San Mateo Junior College; Bids open February 13, 8 P. M.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Monson Brothers, 475 Sixth St., San Francisco (DOuglas 5357).
Haas Constr Co., 326 Merchants' Exchange Bldg., S. F. (EXbrook 1205).
C. L. Wold Constr. Co., Ltd., 4412-16 Fulton St., S F. (SKyline 4362)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S F (EXbrook 6906 or 7054)

Alter Bank of Canton, Montgomery and Clay Sts., San Francisco; Bids open February 5, Noon.
G. P. W. Jensen & Sons, Inc., 320 Market St., San Francisco (GArfield 2444)

Superstructure, Shop Bldg. No. 411, San Francisco Naval Shipyard; Bids open February 21, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
A. Farnell Blair, 9 Main St., San Francisco (YUkon 0390)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)

Moody Motel Bldgs., Oakland; Bids open February 7, 3 P. M.
Barrett & Hilp, 918 Harrison St, San Francisco (DOuglas 0700).
G. W. Williams Co., 10 California Drive, Burlingame (Burl 4-1796)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064)

Factory, Kay Chesterfield Mfg. Co., Oakland; Bids open Feb. 8, 3 P. M.
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064)
Anderson & Hagland, Inc., 219—41st St., Oakland (OLympic 9103)

California Natl. Guard Warehouse. Sacramento; Bids open Feb. 5, 2 P. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209)

Warehouse, Standard Oil Co., 7th and Irwin Streets, San Francisco; Bids open February 15.
Robert McCarthy Co., 1050 Kirkham St., San Francisco (OVerland 4050)
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624).
E. S. McKittrick Co., 610—16th St., Oakland (TWinoaks 5070)

Armstrong & Campbell Showroom and Garage, San Rafael; Bids open February 9, 2:00 P. M.
E. P. Merritt, 102 Rialto Bldg., San Francisco (YUkon 1274).

Auto Sales and Service Bldg., San Francisco; Bids open Feb. 11, Noon.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)

California Truckaway Co Bldgs., Richmond; Bids open February 8.
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).

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ADVANCE CONSTRUCTION REPORTS

2/546 31
BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until February 26, 10 A. M., new bids will be received by the Los Angeles County Board of Supervisors, 501 Hall of Records, Los Angeles, for the construction of a reinforced concrete and corrugated metal pipe arch storm drain on Arbor Rd., south of Bellflower and E. Clark Ave., a distance of 500 lin. ft. Cash contract No. 575. Plans and specifications were prepared by O. F. Cooley, county road commissioner, Hall of Records, Los Angeles.

The work involves:
(1) 20 lin. ft. corrugated metal pipe arch (25¾x15½ inches);
(2) 1 standard catchbasin No. 2, including curb and gutter;
(3) 2 standard storm drain manholes No. 4;
(4) 1 standard junction chamber No. 5;
(5) reinforced concrete box drain, complete.

Paul Vukich Construction Co. submitted low bid January 22 at $7440. All bids were rejected because of the irregularity of one of the bids and because all bids were considered as being excessively over the estimate.

2/4/46 34

33—BRIDGES

2/5/46 • 33
BIDS WANTED

SAN DIEGO COUNTY, Calif.—Until March 7, 2 P. M., bids will be received by G. T. McCoy, state highway engineer, 808 State Bldg., Los Angeles, for the construction of reinforced concrete slab bridges across Matagual Valley Creek, Canada Verde Creek and Acorn Creek, between 2 and 17 miles north of Morettis (XI-S.D-78-D,E, in San Diego County.

The work involves:
(1) remove existing bridges;
(2) 935 cu. yds. structural excavation;
(3) 272 lin. ft. timber bridge rail;
(4) 456 cu. yds. class A portland cement concrete;
(5) 720 lin. ft. furnish concrete piles;
(6) 12 each drive concrete piles;
(7) 165 cu. yds. sacked concrete riprap;
(8) 84,000 lbs. bar reinforcing steel;
(9) miscellaneous items of work.

Specifications obtainable from the above office.

2/5/46 • 33
CONTRACT AWARDED

LOS ANGELES, Calif.—Byerts & Dunn, 1131 N. Orange Grove Ave., Los Angeles, at $134,269, awarded contract by C. H. Purcell, State Director of Public Works, Sacramento, for construction of reinforced concrete overcrossing on Hollywood Parkway at Benton Way, Los Angeles.

34—DAMS, RESERVOIRS & DREDGING

2/5/46 • 34
CONTRACT AWARDED

RIVERTON PROJECT, Wyoming.—W. E. Barling, Meeteetse, Wyo., at $188,604.60, awarded contract by the U. S. Bureau of Reclamation, Riverton, Wyo., under Spec. 1127 for construction of earthwork and structure, Pilot Canal, station 1841 to station 2002; Pilot Canal, laterals P36.5, P37.7N and P37.7S, and sublaterals, Pilot Division, Riverton Project, Wyoming. The work is situated about 9 to 12 miles northeast of Riverton, Wyoming.

2/5/46 • 34
CONTRACT AWARDED

GLENDALE, Los Angeles Co., Calif.—F. W. Case, 7121 Havenhurst Ave., Van Nuys, at $99,676.10, was awarded a contract by the City Council of the City of Glendale, City Hall, Glendale, for the construction of a reinforced concrete reservoir known as Melwood 968; Specification 360.

2/5/46 • 34
CONTRACT AWARDED

GLENDALE, Los Angeles Co., Calif.—Nathan A. Moore, 2951 Valley Blvd., Alhambra, at $204,290, was awarded a contract by the City Council of the City of Glendale, City Hall, Glendale, January 31, for the construction of a reinforced concrete reservoir known as Rossmoyne 1290; Specification No. 359.

2/5/46 34
BIDS WANTED

SEATTLE, Wash.—Until February 5, 10 A. M., bids will be received by Capt. G. A. Duncan, officer in charge of construction, Bureau of Yards and Docks, 13th Naval District, Exchange Bldg., Seattle, under Spec. 17606 for dredging to include removal and disposal of 83,000 cu. yds. of material to depth of elevation of 35 ft., and disposal of same on spoil area to depth below elevation of 57 ft. at piers 90 and 91, U. S. Naval Station.

Specifications obtainable from the above office.

2/5/46
COMPLETE BIDS

ALAMOGORDO, N. M.—As previously reported, Jones Bros. Construction Co., Albuquerque, N. M., at $84,164.24, submitted low bid to the City of Alamogordo, N. M., office of the city clerk, City Hall, Alamogordo, N. M., for the construction of an earth-fill dam and water storage reservoir at Alamogordo. Plans were prepared by Ashley C. Classen & Associates, consulting engineer, 412 Martin Bldg., El Paso, Texas.

(1) 126,950 cu. yds. embankment;
(2) 3400 M gallons sprinkling;
(3) 1100 hours rolling;
(4) 5760 cu. yds. riprap;
(5) 2720 cu. yds. gravel blanket;
(6) 2966 cu. yds. gravel toe drain;
(7) 5400 cu. yds. channel excavation;
(8) 46 cu. yds. class A concrete;
(9) 3600 lbs. reinforcing steel;
(10) 250 lbs. structural steel;
(11) 176 ft. 18-in. cast iron pipe;
(12) 8000 lbs. cast iron fittings;
(13) 1 18-in. gate valve;
(14) 2 12-in. gate vales;
(15) 1 Sparling meter;
(16) 1675 reinforced concrete pipe;
(17) 131 acres clearing and grubbing;
(18) 2.1 miles fence.

Complete bids were:

Jones Bros. Construction Co., Albuquerque, N. M., (1) $.19, (2) $1.50, (3) $6.50, (4) $3.90, (5) $.50, (6) $.85, (7) $.155, (8) $75, (9) $.12, (10) $.20, (11) $8.75, (12) $.19, (13) $583.09, (14) $330.17, (15) $626.38, (16) $4.90, (17) $20, (18) $580.80; total bid, $84,164.24.

Frank P. Llewellyn, Alamogordo, N. M., (1) $.27, (2) $1.25, (3) $6.50, (4) $5.65, (5) $1.35, (6) $1.25, (7) $.20, (8) $37.50, (9) $.15, (10) $.30, (11) $7.50, (12) $.12, (13) $427.35, (14) $250, (15) $540, (16) $.47, (17) $25, (18) $792; total bid, $106,866.55.

Henry Thygesen & Co., Albuquerque, N. M., (1) $.25, (2) $2, (3) $5, (4) $5.50, (5) $2.50, (6) $2, (7) $.30, (8) $50, (9) $.10, (10) $.50, (11) $12, (12) $.15, (13) $650, (14) $450, (15) $650, (16) $4, (17) $20, (18) $550; total bid, $108,839.

Lee Moor Constructoin Co., El Paso, Texas, (1) $.26, (2) $.90, (3) $6, (4) $6.50, (5) $1.60, (6) $1.40, (7) $.25, (8) $54, (9) $.15, (10) $.40, (11) $8.50, (12) $.15, (13) $600, (14) $475, (15) $575, (16) $5.75, (17) $12, (18) $750; total bid, $110,683.25.

Hugh McMillan, El Paso, Texas, (1) $.40, (2) $1.50, (3) $8, (4) $6, (5) $2, (6) $1.50, (7) $.35, (8) $40, (9) $.10, (10) $.25, (11) $8.50, (12) $.15, (13) $500, (14) $300, (15) $750, (16) $5.50, (17) $25, (18) $850; total bid, $132,098.50.

Hayner & Burn, Las Cruces, N. M., (1) $.30, (2) $2, (3) $6, (4) $10, (5) $1.25, (6) $1.25, (7) $.50, (8) $60, (9) $.10, (10) $.50, (11) $8, (12) $.12, (13) $600, (14) $300, (15) $500, (16) $5, (17) $20, (18) $528; total bid, $138,308.05.

2/5/46 34
TO ASK BIDS

FORT GIBSON DAM PROJECT, Oklahoma.—The U. S. District Engineer Office, P. O. Box 61, Tulsa, Okla., has postponed the issuance of a call for bids from January 22 to March 1 and bids will be received about 30 days later for furnishing labor and materials for the construction of the Fort Gibson dam on the Grand (Neosho) River, approximately five miles north of Fort Gibson, Okla.; Announcement No. 46-3. The work in general will consist of the construction of a gravity type concrete dam, with a short section of rolled earthfill at one abutment, and with a powerhouse and an elevator and stair tower downstream and adjacent to a non-overflow intake section of the concrete dam on the left bank of the existing river channel. A masonry service building will also be constructed on the right abutment and other miscellaneous work, exclusive of the powerhouse superstructure and certain other facilities appurtenant to the power plant; completion time, 800 days. Plans and specifications available from the above office upon deposit of $35 and will be on exhibit at the U. S. District Engineer Office, 751 S. Figueroa St., Los Angeles.

2/5/46 34
TO ASK BIDS

WISTER, Okla.—The U. S. District Engineer Office, P. O. Box 61, Tulsa, Okla., will issue a call for bids shortly scheduled for opening about February 25 for the construction of the Wister Dam on the Poteau River, near Wister, Okla.; Announcement 46-4. The work will consist of a rolled earthfill dam, reinforced concrete outlet works and reinforced concrete spillway. The work will also include construction of temporary frame buildings for use by the government during construction work; 800 calendar days for completion.

The work involves:
(1) 120,000 cu. yds. stripping;
(2) 100,000 cu. yds. excavation, common;
(3) 120,000 cu. yds. excavation, rock;
(4) 650,000 cu. yds. spillway excavation, unclassified;
(5) 1,900,000 cu. yds. excavation, borrow;
(6) 2,250,000 cu. yds. fill;
(7) 20,000 cu. yds. sand and gravel drains;
(8) 50,000 cu. yds. sand and gravel under riprap;
(9) 25,000 cu. yds. rock spalls;
(10) 130,000 cu. yds. dumped riprap;
(11) 40,000 sq. yds. sodding;
(12) 1,700,000 lbs. reinforcing steel;
(13) 35,000 cu. yds. concrete;
(14) 50,000 bbls. cement;
(15) 1800 lbs. corrosion resisting steel water stops;
(16) 1000 lbs. copper water stops;
(17) 60,000 lbs. miscellaneous metal work;
(18) 47,000 lbs. miscellaneous cast iron pipe;
(19) 45,000 lbs. miscellaneous black steel pipe;
(20) 20,000 lbs. miscellaneous wrought iron pipe;
(21) lump sum, 6 tractor type sluice gates and 1 emergency gate, together with condut lining and gate hoisting equipment;
(22) lump sum, 1 traveling crane;
(23) lump sum, 1 standby electric generator unit;
(24) 8000 lbs. rigid metal conduit;
(25) lump sum, electric wiring, fixtures and equipment;
(26) 260 lin. ft. 24-inch corrugated metal pipe;
(27) 18,500 lin. ft. highway guard rail;
(28) 4500 lin. ft. drilling grout holes;
(29) 1000 bags cement, pressure grouting;
(30) 1000 lin. ft. perforated vitrified clay pipe, 6-in.;
(31) lump sum, construction of feld buildings.

Specifications available from the above office upon deposit of $35. Plans and specifications will be on file for examination at the office of Figueroa St., Los Angeles. the U. S. District Engineer, 751 S.

37— RAILROADS, SUBWAYS & TUNNELS

2/5/46 • 37
BIDS WANTED

COLORADO-BIG THOMPSON PROJECT, Colorado.—Until Feb. 26, 10 A. M., bids will be received by the Bureau of Reclamation, Denver, Colo., for the construction of excavation and concrete lining, Rams Horn and Prospect Mountain tunnels, Power Canal No. 1, Colorado-Big Thompson Project, Colorado; Specification No. 1167. The work is situated from one mile south to four miles southwest of Estes Park, Colo.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation; E. B. Debler, regional director, 501 Continental Oil Bldg., Denver, Colo.; C. H. Howell, project engineer, Estes Park, Colo.; Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C., without charge to prospective bidders; to others, $1.75 per copy, not returnmable; guarantee of 10% to accompany bids; 500 calendar days for completion. Prospective bidders desiring to visit the site of the work should communicate with the project engineer.

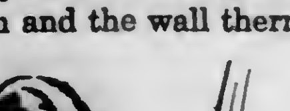
The principal items of work and the estimated quantities involved are as follows:

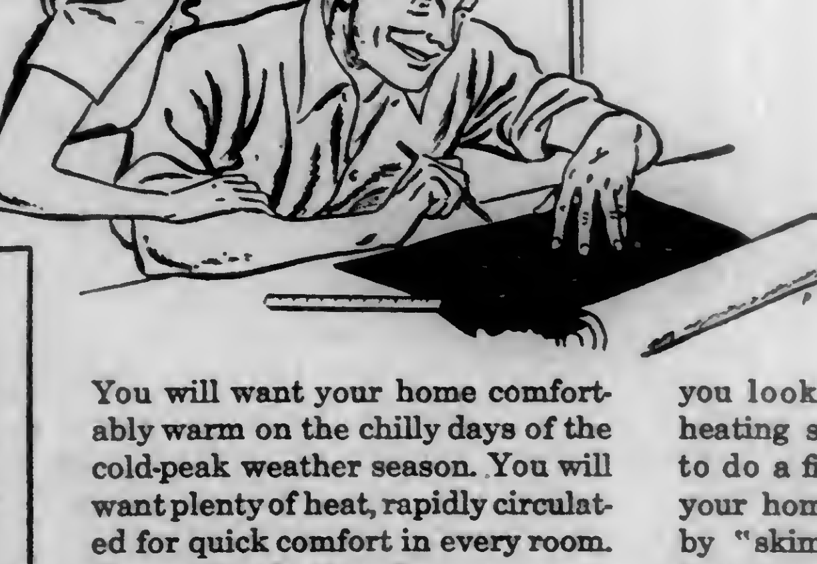
Schedule No. 1
Rams Horn Tunnel

(1) 1500 cu. yds. excavation, common, for open cut;
(2) 1500 cu. yds. excavation, rock, for open cut;
(3) 31,000 cu. yds. excavation, all classes in tunnel;
(4) 50 cu. yds. excavation, common, for tunnel outlet drain;
(5) 50 cu. yds. excavation, rock, for tunnel outlet drain;
(6) 100 cu. yds. backfill in tunnel outlet drain;
(7) furnishing and installing 290,000 lbs. of permanent steel tunnel supports;
(8) furnishing and erecting 125 M ft. b.m. of permanent timbering in tunnel;
(9) constructing 6900 lin. ft. of 6-in. diameter tunnel drain;
(10) laying 100 lin. ft. 6-in. diameter sewer pipe with cemented joints;
(11) 100 cu. yds. pneumatically applied mortar;
(12) 7160 cu. yds. concrete in tunnel lining;
(13) 47 cu. yds. concrete in portal structures and transitions;
(14) placing 6700 lbs. reinforcement bars;
(15) drilling 1000 lin. ft. feeler and pilot holes ahead of tunnel excavation;
(16) drilling 500 lin. ft. grout holes not more than 10 ft. deep;
(17) placing 500 lbs. grout pipe and connections;
(18) 1000 cu. ft. pressure grouting.

Schedule No. 2
Prospect Mountain Tunnel

(19) 1200 cu. yds. excavation, common, in inlet portal open cut;
(20) 500 cu. yds. excavation, rock, in inlet portal open cut;
(21) 2640 cu. yds. excavation, common, in outlet portal and surge tank open cut;
(22) 4200 cu. yds. excavation, rock, in outlet portal and surge tank open cut;
(23) 37,000 cu. yds. excavation, all classes, in tunnel;
(24) 7360 cu. yds. excavation, all classes, in surge tank shaft;
(25) 50 cu. yds. excavation, common, for tunnel outlet drain;
(26) 50 cu. yds. excavation, rock, for tunnel outlet drain;
(27) 100 cu. yds. backfill in tunnel outlet drain;
(28) furnishing and installing 508,000 lbs. of permanent steel tunnel supports;
(29) furnishing and erecting 210 M ft b.m. of permanent timbering in tunnel;
(30) constructing 5650 lin. ft. of 6-in. diameter tunnel drain;
(31) laying 100 lin. ft 6-in. diameter sewer pipe with cemented joints;
(32) 100 cu. yds. pneumatically applied mortar;
(33) 11,300 cu. yds. concrete in tunnel lining;
(34) 1040 cu. yds. concrete in surge tank shaft lining;
(35) 540 cu. yds. concrete in portal structures, transitions and surge tank roof;
(36) 1,454,000 lbs. placing reinforcement bars;
(37) drilling 1000 lin. ft. of feeler and pilot holes ahead of tunnel excavations;
(38) drilling 500 lin. ft. of grout holes more than 10 ft. deep;
(39) placing 600 lbs. of grout pipe and connections;
(40) 1000 cu. ft. of pressure grouting;
(41) installing 2000 lbs. of miscellaneous metal work.





Planning to Build this Summer?

When you are making plans for a new home or for the remodelling of your present home, be "fussy" about the capacity of your gas furnace, and the location of the heat outlets, the cold-air return and the wall thermostat. This is most important.

P. G. & E. RECOMMENDS

If you are planning a new home or modernizing your present one and you need help on house heating, come in and consult with one of our gas heating specialists. He will work with you, your architect and heating contractor to help you get a heating installation tailored to your home and your pocketbook. Use this Free Service. It will save you time, worry and money.

You will want your home comfortably warm on the chilly days of the cold-peak weather season. You will want plenty of heat, rapidly circulated for quick comfort in every room. You will get this from an automatic, forced-air Gas Heating System that is properly installed, and when you use such a heating plant, you will save money every heating hour.

When cost estimates come in and you look them over, choose the heating system that is engineered to do a first-class job of heating your home. What you might save by "skimping", you will pay for later on with less heating comfort, quickly worn-out equipment and higher fuel bills.

Remember, a furnace will produce only so much heat; it cannot be forced beyond the capacity its builders gave it.

P·G·and·E· PACIFIC GAS AND ELECTRIC COMPANY

208W-246

38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

2/5/46 • 38
BIDS POSTPONED

SAN DIEGO, Calif.—Until Feb. 14, 11 A. M. (bid opening date postponed from February 8), bids will be received by the U. S. Navy, Public Works Office, 11th Naval District, 1220 Pacific Highway, San Diego, for the construction of additions and alterations to the existing station electrical distribution system and new facilitis to provide adequate electrical services and outlets to piers Nos. 10 to 13, inclusive, for reserve fleet berthing; Specification No. 17544. The project includes the furnishing and installing new transformers, switching station manholes, conduit cable, underground cableways, switchgear and miscellaneous structures and appurtenances. Specifications available from the above office upon deposit of $15.

2/5/46 • 39
BIDS WANTED

FRESNO, Calif.—Until Feb. 14, 10 A. M., bids will be received by the City Council of the City of Fresno, office of the city clerk, City Hall, Fresno, for the construction of 6-inch and 8-inch vitrified sewer in the High Addition, Clinton Terrace, Frisbee Tract and Weldon Terrace, Fresno.

The work involves:
(1) 1630 lin. ft. 8-inch vitrified clay pipe;
(2) 8172 lin. ft. 6-inch same;
(3) 18 masonry manholes;
(4) 80 lin. ft. concrete pipe jacket;
(5) 54 each, 4x8 wyes:
(6) 338 each, 4x6 wyes.

Specifications available at above office.

2/5/46 • 38
BIDS OPENED

SAN DIEGO, Calif.—Fischback & Moore, Inc., 1509 W. 8th St., Los Angeles, at $684,000, submitted the low bid to the U. S. Navy, Public Works Office, 11th Naval District, 1220 Pacific Highway, San Diego, February 1, for the construction of additions and alterations to the existing station electrical distribution system and new facilities to provide adequate electrical services and outlets to piers Nos. 6 and 8, San Diego; Specification No. 17543.

The project includes the furnishing and installing of new transformers, switchgear, submersible air circuit breakers, manholes, conduit, cable, underground cableways, alterations to existing electrical equipment and other miscellaneous related work. Plans and specifications are available from the above office upon deposit of $15.

Bids were submitted as follows:
(1) price for the entire work, complete;
(2) amount to be deducted under Item 1 for omission of new 15,000-volt switchgear only for switching station "J," switching station "K," Harbor Dr. switching station and two additional switchgear units for Vesta St. switching station. (Cost of fenced enclosures, pads, cable trenches, cables, etc., and cost of installation of switchgear is not to be deducted);
(3) amount to be deducted under Item 1 for omission of materials and labor required for making alterations to existing equipment in Vesta St. switching station, and for making alterations to existing equipment in substations "A," "B," "D" and "E."

The bids submitted were:

Fischback & Moore, Inc., (1) $684,000, (2) $102,434, (3) $17,249.

M. H. Golden Construction Co., (1) $688,818, (2) $100,000, (3) $15,000.

California Electric Co., (1) $749,490, (2) $120,860, (3) $14,190.

Case Construction Co., (1) $796,167, (2) $140,000, (3) $14,600.

39—SEWERS

2/5/46 • 39
AWARD RECOMMENDED

LOS ANGELES, Calif. — Guy F. Atkinson Co., 1103 Heartwell Bldg., Long Beach, at $3,517,410, has been recommended for the award of contract for the construction of the Ocean outfall sewer from the Hyperion activated sludge plant by Lloyd C. Aldrich, city engineer, City Hall, Los Angeles. The Los Angeles Board of Public Works, 153 City Hall, Los Angeles, has taken the recommendation under advisement for further study before asking the city council to appropriate the additional funds, covering the difference between the original estimate and the amount of the low bid.

40— STREETS AND HIGHWAYS

2/5/46 • 40
BIDS WANTED

ALAMEDA COUNTY, Calif.—Until March 6, 2 P. M., bids will be received by G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about one and four-tenths miles in length to be widened with portland cement concrete pavement and existing pavement to be resurfaced with asphalt concrete between distribution structures and 7th St. in Oakland, Alameda County.

The work involves:
(1) 650 cu. yds. remove concrete;
(2) 10,000 cu. yds. roadway excavation;
(3) 85 cu. yds. structura lexcavation;
(4) 11,500 tons imported borrow;
(5) 6100 tons imported base material
(6) 14,400 sq. yds prepare class C subgrade;
(7) develop water supply and furnish water equipment;
(8) 400 M gallons apply water;
(9) 41 sta. finish roadway;
(10) 1050 tons crusher run base;
(11) 4 tons liquid asphalt SC-1 prime coat;
(12) 9 tons liquid asphalt C-6 armor coat;
(13) 160 tons screenings armor coat;
(14) 40 tons asphaltic emulsion paint binder and seal coat;
(15) 5400 tons asphaltic concrete leveling course;
(16) 5400 tons asphaltic concrete, type A, surface;
(17) 3200 cu. yds. portland cement concrete pavement;
(18) 154 each tie bolt assemblies;
(19) 9 cu. yds. class A portland cement concrete structures;
(20) 52 cu. yds. portland cement concrete curbs and sidewalks;
(21) 20 lin. ft. 18-in. CMP siphon, 14-gage;
(22) 2 each field joints for siphon;
(23) 12 lin. ft. 10-in. vitrified clay pipe;
(24) 152 lin. ft. salvage existing pipe culverts;
(25) 152 lin. ft. relay salvage CMP culverts;
(26) 4100 lbs. bar reinforcing steel;
(27) 20 each manholes adjusted to grade;
(28) 2 each timber covers for drop inlets.

Specifications obtainable from the above office.

2/5/46 • 40
BIDS WANTED

MONTEREY COUNTY, Calif.—Until March 6, 2 P. M., bids will be received by G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about one and nine-tenths miles in length to be graded, paved with asphaltic concrete on cement-treated base and on existing surfacing and plan mix surfacing to be placed on the shoulders, between two miles south of Salinas and Salinas in Monterey County.

The work involves:
(1) 800 cu. yds. remove concrete;
(2) 100 sta. clearing and grubbing;
(3) 35,000 cu. yds. roadway excavation;
(5) 100 cu. yds. ditch and channel excavation;
(6) 40,000 sq. yds. compact original ground;
(7) 24,500 cu. yds. imported borrow;
(8) develop water supply and furnish water equipment;
(9) 2300 M gallons apply water;
(10) 100 sta. finish roadway;
(11) 33 tons liquid asphalt SC-2 prime coat;
(12) 95 tons asphaltic emulsion paint binder, curing seal and seal coats;
(13) 200 tons screenings seal coat;
(14) 4700 tons minimum aggregate plant mix surfacing;
(15) 250 tons liquid asphaltic SC-5 or SC-6 plant mix surfacing;
(16) 2700 sq. ft. place plant mix surfacing in ditches;
(17) 13,900 tons minimum aggregate cement-treated base;
(18) 5900 bbls. portland cement cement-treated base;
(19) 5200 tons asphaltic concrete leveling course;
(20) 4900 tons asphaltic concrete, type B surfacing;
(21) 300 lin. ft. raised bars;
(22) 22 cu. yds. class A portland cement concrete structures;
(23) 900 lbs. bar reinforcing steel;
(24) 100 lbs. steel nagles curb inlets;
(25) 620 cu. yds. portland cement concrete curbs and gutters;
(26) 56 each ruby reflectors;
(27) 26 each monuments;
(28) 52 each culvert markers, project markers and guide posts;
(29) 490 lin. ft. move and reconstruct existing guard railing;
(30) 0.4 mile remove and reconstruct existing property fences;
(31) 450 lin. ft. 18-in. CMP, 16-gage;
(32) 44 lin. ft. 24-in. CMP, 14-gage;
(33) 120 lin. ft. 36-in. CMP, 12-gage;
(34) 190 lin. ft. salvage existing pipe culverts;
(35) 130 lin. ft. relay salvaged CMP.

Specifications obtainable from the above office.

2/5/46 • 40
BIDS WANTED

ALAMEDA COUNTY, Calif.—Until March 6, 2 P. M., bids will be received by G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about eight and three-tenths miles in length shoulders to be widened with imported borrow and surfaced with plant mix surfacing and penetration treatment between Warm Springs and Mission San Jose, and between Warm Springs and Centerville, in Alameda County.

The work involves:
(1) 3 cu. yds. remove concrete;
(2) 325 cu. yds. structural excavation;
(3) 15,550 tons imported borrow;
(4) develop water supply and furnish water equipment;
(5) 290 M gallons apply water;
(6) 830 tons crusher run base;
(7) 68 tons liquid asphalt SC-1 penetration treatment;
(8) 32 tons liquid asphalt SC-3 penetration treatment;
(9) 410 tons sand seal coat and penetration treatment;
(10) 24 tons asphaltic emulsion paint binder and seal coat;
(11) 1900 tons plant mix surfacing;
(12) 5 cu. yds. class A portland cement concrete structures;
(13) 210 lbs. bar reinforcing steel;
(14) 460 lin. ft. metal plant guard railing;
(15) 120 each move and reset existing culvert markers and guide posts;
(16) 14 lin. ft. 8-in. CMP, 16-gage;
(17) 8 lin. ft. 10-in. CMP, 16-gage;
(18) 56 lin. ft. 12-in. CMP, 16-gage;
(19) 22 lin. ft. 18-in. CMP, 16-gage;
(20) 1300 lin. ft. 11¾x17¼-in. in CMP arch, 16-gage;
(21) 2 each remove and reset headwalls;
(22) 120 lin. ft. salvage existing spillway assembly downdrains;
(23) 120 lin. ft. relay salvage spillwa yassembly downdrains;
(24) 8 each salvage spillway assemblies;
(25) 8 each install salvaged spillway assemblies.

Specifications obtainable from the above office.

2/5/46 • 40
NOTICE

CONTRA COSTA COUNTY, Calif.—A representative of the district office of the State Division of Highways will meet prospective bidders for the proposal project in Contra Costa County, IV-C.C-75,106-E,Cnd,C, for which bids are to be received in Sacramento on February 27, 1946.

Said representative will meet prospective bidders at the junction of Fremont St. and Concord Ave. at the south end of project in Concord on Monday, February 18, 1946, at 2 P. M.

2/5/46 • 40
BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until March 7, 2 P. M., bids wil lbe received by G. T. McCoy, state highway engineer, 808 State Bldg., Los Angeles, for about one and one-tenth miles in length to be graded and paved with asphaltic concrete on cement treated base on Rosemead Blvd., between Huntington Blvd. and Colorado St. (VIII-L.A-168-C), in Los Angeles County.

The work involves:
(1) 580 cu. yds. remove concrete;
(2) 57 sta. clearing and grubbing;
(3) 21,000 cu. yds. roadway excavation;
(4) 80 cu. yds. structural excavation;
(5) develop water supply and furnish water equipment;
(6) 600 M gallons apply water;
(7) 57 sta. finish roadway;
(8) 40,500 sq. yds. cement treated subbase road mix;
(9) 9100 tons minimum aggregate cement treated base, plant mix;
(10) 5400 bbls. portland cement cement-treated subbase and base;
(11) 102 tons asphaltic emulsion curing seal paint binder and seal coat;
(12) 10,350 tons asphaltic concrete pavement;
(13) 28 cu. yds. class A portland cement concrete structures;
(14) 1100 cu. yds. class A portland cement concrete curbs, gutters, sidewalks and driveways;
(15) 1600 lbs. bar reinforcing steel;
(16) 7000 lbs. steel rail assemblies;
(17) 2260 lin. ft. ¾-in. galvanized pipe sprinkling system;
(18) 2780 lin. ft. 1-in. galvanized pipe spring system;
(19) 150 lin. ft. 1¼-in. galvanized pipe sprinkling system;
(20) 500 lin. ft. 1½-in galvanized pipe sprinkling system;
(21) 3500 lin. ft. 2-in. galvanized pipe sprinkling system;
(22) 30 each turning union assemblies;
(23) traffic warning system;
(24) 34,000 each kikuyu grass cuttings.

Specifications obtainable from the above office

2/5/46 • 40

COLORADO STATE HIGHWAY.—Until February 13, 10 A. M., bds will be received by the Colorado State Highway Department, A. F. Hewitt, state highway engineer. Denver, Colo., for the following highway projects:

SN-Federal Aid Project No. 232-A (1), construction division No. 1, a gravel surfacing project 10.876 miles long, located between Grand Junction and Fruita, on S. H. No. 4, Mesa County; 400 calendar days for completion.

Federal Aid Sec. Project No. 360 (7), a gravel surfacing project 3.720 miles long, located between Wetmore and Silver Cliff on S. H. No. 96, in Custer County; 270 calendar days for completion.

Federal Aid Project No. 151-H (1), construction division No. 1, a gravel surfacing project 2.474 miles long, located between Berthoud Pass and Fraser on S. H. No. 2, in Grand County; 365 calendar days for completion.

Federal Aid Project No. 300-G (1), Unit No. 1, a grading project 5.037 miles long, located between Silverton and Durango on S. H. No. 19, in San Juan County.

Federal Aid Secondary Project No. 14 (3), a gravel surfacing project 3.896 miles long, located between Akron and Atwood on S. H. No. 63, Logan County; 200 calendar days for completion.

2/5/46 • 40
CONTRACT AWARDED

SOLANO COUNTY, Calif. — C. M. Syar, Box 1431, Vallejo, Calif., at $27,494, awarded contract by the State Division of Highways, C. H. Purcell, State Director of Public Works, Sacramento, for about three-tenths mile in length to be graded and paved with asphalt concrete on crusher run base on Waterfront Rd., between Virginia St. and Santa Clara St., in the City of Vallejo, Solano Co., Calif. This is a national defense contract.

(Continued on Page Four)

4 MILES GRADING, DRAINING, PAVING, ARIZONA

ARIZONA STATE HIGHWAY.—Fisher Contracting Co, 516 S 7th St., Phoenix, Ariz., at $448,211.34 submitted low bid to the Arizona State Highway Commission, 1739 W Jackson St., Phoenix, Jan. 30, for the improvement of the Flagstaff-Winslow Highway, FI 84 (4), Schedule 1, AFE 6670. The work involves four miles of grading, draining and paving, beginning about three miles east of Flagstaff and extending easterly.

Work involves:
(1) 129,670 c.y. rdwy. excav., unclass
(2) 1000 c.y. overbreakage;
(3) 1000 c.y. slides;
(4) 2415 c.y. drainage excav., unclas.
(5) 1300 l.f. grader ditches;
(6) 255 c.y. struc. excav., unclass.;
(7) 150,308 sta. yds. overhaul;
(8) 6935 c.y. mile haul;
(9) 1000 tons imported borrow;
(10) 38,900 tons aggregate base;
(11) 6600 c.y. stripping pits;
(12) 6560 M. gals. sprinkling;
(13) 2330 hours rolling;
(14) 54,405 sq. yds. concrete pave.;
(15) 86 c.y. Class A concrete, includ. cement;
(16) 6372 lbs. reinf. steel (bars);
(17) 340 l.f. 18-in. CMP (except excavation);
(18) 394 l.f. 24-inch do;
(19) 204 l.f. 30-inch do;
(20) 124 l.f. 36-inch do;
(21) 322 l.f. 42-inch do;
(22) 3 each cattle guards, two-unit (except excav. and concrete);
(23) deleted;
(24) 4940 l.f. reconstructing fence;
(25) 1 each resetting steel gate;
(26) 3840 l.f. road guard;
(27) 118 each guide posts;
(28) 33 each right of way markers, type E;
(29) 4994 tons mineral aggregate;
(30) 525 tons road oil, SC-4 (road mix);
(31) 3.864 miles processing road mix;
(32) 453 tons screenings;
(33) 61 tons emulsified asphalt, Class A (seal coat);
(34) 591 sq. yds. placing intersections.

Total bids were:
(A) Fisher Contr. Co., $448,211.34.
(B) Wallace & Wallace, $449,795.31.
(C) Bowen - McLoughlin and L. G. Lynch, $452,351.77.
(D) Packard Contr. Co., $460,448.53.
(E) Western Contr. Co., $463,266.09.
(F) Arizona Sand & Rock Co., $469,654.95.
(G) W. E Orr, $489,772.92.

Unit prices were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$.96	$.90	$1.10	$1.04	$1.22	$1.20	$1.15
(2)	.72	.675	.675	.78	.915	.90	.8625
(3)	.48	.45	.55	.52	.61	.60	.575
(4)	1.00	1.00	1.10	.84	1.25	.78	1.10
(5)	.07	.05	.05	.08	.12	.16	.15
(6)	2.25	3.00	2.20	2.50	2.64	2.73	4.00
(7)	.02	.02	.02	.015	.015	.02	.02
(8)	.36	.40	.30	.20	.30	.40	.30
(9)	.65	.90	.75	.50	.70	.55	.60
(10)	.96	1.10	.90	.90	.91	.88	1.05
(11)	.25	.30	.30	.20	.22	.36	.35
(12)	3.50	2.25	3.40	2.50	3.30	1.85	2.00
(13)	6.25	5.00	5.00	5.75	5.30	4.50	5.00
(14)	3.38	3.65	3.40	3.75	3.15	3.65	3.96
(15)	45.50	40.00	38.00	40.00	39.00	34.20	40.00
(16)	.08	.10	.08	.08	.08	.08	.10
(17)	2.60	3.30	2.20	2.30	3.70	2.72	2.30
(18)	3.90	4.30	3.30	3.60	5.20	4.00	3.55
(19)	4.88	5.00	4.20	4.40	6.20	4.75	4.29
(20)	7.80	7.50	6.50	7.00	8.75	6.92	6.40
(21)	9.36	10.00	7.70	8.00	9.80	8.40	7.50
(22)	457.00	500.00	420.00	335.00	400.00	403.00	450.00
(24)	.12	.10	.15	.17	.12	.12	.10
(25)	26.00	20.00	20.00	20.00	22.00	26.00	25.00
(26)	2.50	2.50	1.90	1.50	2.00	1.89	1.50
(27)	3.90	4.00	5.00	5.00	5.00	3.90	5.50
(28)	6.00	5.00	6.30	6.00	5.00	6.87	5.00
(29)	1.20	1.25	.95	1.05	1.28	1.03	.95
(30)	25.50	26.00	25.00	28.00	26.00	24.00	26.60
(31)	845.00	500.00	500.00	750.00	1200.00	780.00	1000.00
(32)	7.80	8.00	2.50	6.50	5.00	4.50	5.00
(33)	35.10	31.00	35.00	32.00	34.00	32.50	34.00
(34)	.85	1.00	.25	1.00	1.00	1.00	1.00

7 MILES GRADING, DRAINING, PAVING, ARIZONA

ARIZONA STATE HIGHWAY.—Tanner Constr. Co., 731 N Avenue 19, Phoenix, Ariz., at $824,994.03 submitted low bid to the Arizona State Highway Commission, 1739 W Jackson St., Phoenix, Jan. 30, for the improvement of Flagstaff - Winslow Highway, FI 84 (4), Schedule 2, AFE 6670. The work involves 7 miles of grading, draining and paving, beginning about 7½ miles east of Flagstaff, and extending easterly.

Work involves:
(1) 210,714 c.y. rdwy. excav., unclass.
(2) 10,000 c.y. overbreakage;
(3) 10,000 c.y. slides;
(4) 1595 c.y. drainage excav., unclassified;
(5) 7100 l.f. grader ditches;
(6) 1210 c.y. struc. excav., unclass.;
(7) 367,940 sta. yd. overhaul;
(8) 4463 c.y. mi. haul;
(9) 6950 tons imported borrow;
(10) 66,724 tons aggregate base;
(11) 17,000 c.y. stripping pits;
(12) 7321 m. gals. sprinkling;
(13) 2831 hours rolling;
(14) 99,505 sq. yds. conc. pave.;
(15) 1034 c.y. Class A conc., includ. cement;
(16) 170 c.y. Class D do;
(17) 127.528 lbs. reinf. steel bars;
(18) 195,370 lbs. structural steel;
(19) 427 l.f. struc. steel handrail;
(20) 1540 l.f. steel pile shells;
(21) 44 each driving pile shells;
(22) 80 l.f. steel test pile shells;
23) 2 each driving do;
(24) 1620 l.f. filling steel pile shells conc. and reinf. steel;
(25) 2 each loading tests for piles;
(26) 224 l.f. 18-in. corru. metal pipe;
(27) 292 l.f. 24-inch do;
(28) 770 l.f. 36-inch do;
(29) 5 each cattle guards (2 unit);
(33) 7275 l.f. road guard;
(34) 214 each guide posts;
(35) 66 each R/W markers, type E;
(36) 9407 tons minerall aggregate;
(37) 800 tons road oil, SC-4 (for road mix);
(38) 7.067 miles processing road mix;
(39) 1054 tons screenings;
(40) 142 tons emulsified asph. (Class A) for seal coat;
(41) 1222 sq. yds. placing intersections.

Total bids were:
(A) Tanner Constr .Co.. $824,994.03.
(B) Bowen & McLoughlin and Geo. Lynch, $849,901.79.
(C) Western Contr. Co., $883,565.35.
(D) Fisher Contr. Co., $885.793.06.
(E) W. E. Orr, $916,929.24.
(F) Packard Contr. Co., $944,958.53.

Unit prices were:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$1.15	$1.10	$1.22	$1.05	$1.10	$1.15
(2)	.8625	.825	.915	.7875	.825	.8625
(3)	.575	.55	.61	.525	.55	.575
(4)	.90	1.10	1.25	1.40	1.10	.90
(5)	.10	.05	.12	.06	.15	.15
(6)	2.50	2.20	2.64	1.64	4.00	3.50
(7)	.02	.02	.015	.02	.02	.015
(8)	.23	.30	.30	.44	.30	.20
(9)	.50	.75	.70	.53	.60	.70
(10)	.85	.70	.88	.81	.90	1.05
(11)	.20	.30	.22	.20	.25	.16
(12)	2.20	3.40	3.30	8.41	2.50	3.25
(13)	4.50	5.00	5.30	6.25	5.00	5.75
(14)	3.15	3.40	3.15	3.30	3.96	3.75
(15)	30.00	35.00	39.00	39.25	35.00	40.00
(16)	40.00	50.00	46.00	41.00	36.00	42.00
(17)	.08	.08	.08	.075	.08	.08
(18)	.12	.12	.14	.13	.12	.18
(19)	6.00	7.50	6.25	6.63	7.50	7.00
(20)	2.70	3.00	2.80	2.69	2.60	3.75
(21)	45.00	70.00	61.00	68.75	52.50	55.00
(22)	3.20	4.00	2.80	3.75	3.60	5.00
(23)	75.00	190.00	148.00	187.50	125.00	150.00
(24)	1.00	1.25	1.24	1.39	2.50	3.35
(25)	150.00	280.00	218.00	156.25	200.00	125.00
(26)	2.40	2.20	3.70	2.50	2.30	2.30
(27)	3.40	3.30	5.20	3.75	3.55	3.60
(28)	6.50	6.50	8.75	7.19	6.40	7.00
(29)	400.00	420.00	400.00	440.00	450.00	335.00
(33)	1.70	1.90	2.00	2.23	1.50	1.50
(34)	5.00	5.00	5.00	3.75	5.50	5.50
(35)	5.00	6.30	5.00	5.75	5.00	6.10
(36)	.95	.95	1.28	.76	.98	1.17
(37)	24.00	25.00	26.00	24.40	26.60	28.00
(38)	800.00	500.00	1200.00	812.50	1000.00	750.00
(39)	4.50	2.50	5.00	7.50	5.00	6.50
(40)	30.00	30.00	34.00	31.45	34.00	32.00
(41)	.75	.25	1.00	.81	1.00	1.00

Building Permits, Contracts---Recorded Notices

BUILDING PERMIT Applications $500 AND OVER

SAN FRANCISCO

2-STORY FRAME FLATS, $11,000; NE corner Lawton and Funston; owner and builder, Heyman Bros, 5138 Geary Blvd.

1-STORY FRAME DWELLING, $6500; NW Lisbon and France; owner, Geo Fazzio, 4478 Mission; builder, Star Concrete Co, 101 France Ave.

ALTER FLATS, $6500; 2943 Webster; owners, R Spinozzi and A Petrini, prem; day work.

1-STORY FRAME DWELLINGS (3), $5000 each; E Ramsell 200, 225 N Garfield; W Ramsell 225 N Garfield; owner and builder, Lloyd Sundberg, 1608 Ocean Ave.

1-STORY FRAME DWELLING, $5000; N Irving 65 W 15th Ave; owner, Bookbinder Bros, 2411 Irving; builder, Claude T Lindsay Co, 824 Taraval

1-STORY FRAME DWELLING, $4750; N Maynard 551 E Congdon; owner, Albert Morth, 445 Noe St; builder, Oliver Bredeson, 367 Vernon St.

1-STORY FRAME DWELLINGS (4), $4000 each; E 46th Ave 300, 325, 350, 375 S Moraga; owner, Atlas Realty Co, 1500 Judah; builder, Pacific Coast Construction Co, 150 Judah.

ALTER APARTMENTS, $2500; 3659-3677 20th St; owner and builder, J Larretai, 3669 20th St.

ALTER STORES, $2000 each; 1932 Irving St; 133 West Portal; owner, Riviera Co, Inc, c/o contractor; builder, Henry Arian Construction, 4142 Geary Blvd.

ELECTRIC SIGN, $2000; 4083 24th St; owner, Dr J H Seymour, 230 Urbane; builder, L E Niles Co, 1001 Clement.

ALTER STORE, $2000; 1328 Stockton St; owner, Servadei Appliance, 1328 Stockton St; builder, Geo T Robinson, 43 Milan Terrace.

ALTER DWELLING, $2000; 2492 San Bruno Ave; owner, V Ferrari, 2048 Market St; builder, Ira W Coburn, 2048 Market St.

ALTER STORE, $2000; 211 Montgomery St; owner, Roos Bros, 798 Market St; builder, Mullen Manufacturing Co.

ALTER SCHOOL, $1500; 133 Golden Gate Ave; owner, Franciscan Fathers, prem; builder, Wm A Rainey & Son, 323 Clementina St

ALTER FLATS AND APARTMENT, $1000; 2725-27 San Bruno Ave; owner and builder, Anna A Stagnaro, 2737 San Bruno Ave.

ELECTRIC SIGN, $800; 3840 18th St; owner, R Loupis, prem; builder, Neon Maintenance Corp, 755 Davis.

ALTER STORE, $700; 211 4th St; owner, Amling Co, prem; builder, Wm Horstmeyer Co, 23 Mars.

ALTER STORE, $500; 585 Market St; owner, Louis Ferraggiaro, c/o contractor; builder, Barrett & Hilp, 918 Harrison St.

ALTER STORE, $500; 510 Balboa; owner, Geo Galleth, prem; builder, Stanley L Klein (lessee).

OAKLAND

ALTERATIONS, $4000; 469-71 13th St; owner, Fred W Hollman, 156 Montgomery St, S F; contractor, F A Younger, 2334 38th Avenue.

ADDITION, $950; 5819 MacArthur Blvd; owner, P V Swenson, prem; contractor. Floyd W Totten, 564 Adams St, San Lorenzo.

DUPLEXES, two 1-story 8-room, $6,500 each; 3770-72, 3774-76 Harrison St; owner, F F Lyman, 3751 Broadway; contractor, Ray Towers, 2508 Benvenue Ave, Berkeley; two garages, $275 each.

OFFICE, tile, $1300; 1215 Castro St; owner, C W Warner, 2016 Pacific Ave, Alameda; contractor, Reece & Pete, 943 Center St.

DWELLING, 2-story 6-room, $11,000; 68 Weybridge Court; owner and builder, Edward Butler, 3527 Telegraph Ave.

STORE, 1-story, $4500; 301 MacArthur Blvd; owner and builder, Clifford Elseth, 1651 68th Avenue.

DWELLING, 1-story 5-room, $5500; 4446 Tompkins Ave; owner and builder, Otto Rinkert, 3330 Vale.

DWELLINGS, two, 1-story 5-room, $5000 each; 3235-43 Addi Court; owner and builder, Sol Scherman, 3805 Foothill Blvd.

ADDITION, 1-story brick, $6000; ft. of Pine St; owner and builder, S P Co, 65 Market St, S F.

DUPLEX, 1-story 8-rm, $7200; 2672-74 73rd Ave; owner and builder, H S Pulliam, 8009 Fontaine St; garage, 1-story, $500.

ADDITION, $1400; 2916 Courtland Ave; owner, Robert Bernard, 2916 Courtland Ave; contractor, Wm Watson, 4750 Meldon Ave.

GARAGE, $500; 2504 78th Avenue; owner and builder, W L Steineck, premises.

DWELLING, 1-story 5-room, $4250; 3311 Viola St; owner and builder, H E Webb, 1223 53rd Ave.

DUPLEX, 1-story 8-rm, $7500; 5921-23 Shattuck Ave; owner and contractor, John F Whalen, 416 Florence Ave; 1-story garage, $400.

FACTORY, 1-story, $34,000; 940 81st Ave; owner, Giorgetti Products, premises; contractor, Geo Petersen & Son, 1841 Bancroft Avenue, San Leandro.

ALTER, $1000; 1363 8th St; owner, C R Williams, 1363 8th St; contractor, H W Fry, 1126 Everett.

ADDITION, 1-story 4-room; $2,500; 2693-95 6t8h Ave; owner, William Boyle, 2699 68th Ave; contractor. D W Cotton, 5042 Calaveras.

ADDITION, $1400; 6600 Mokelumne Ave; owner, Phil Neverarez, 6600 Mokelumne; contractor Bethel and Yager, 2504 10th Ave.

ALTER apt, $1000; 2880 Gascock St; owner and contractor, C R Leach, 2878 Gascock St.

ALTER, $17,979; 1900-04 Broadway; owner, Granat Bros, 2390 Mission St, S F; contractor, Mullen Mfg Co, 60 Rausch St, S F; plans by A R Brandner, Los Angeles.

BUILDING PERMITS Granted $500 AND OVER

SAN FRANCISCO

FEBRUARY 2, 1946

ALTER stores, $1000; 2010-05-07-09 Market St; owner, Lester Fritze and Jos Strazzarino.

ALTER residence, $550; 726 21st Ave; owner, B Carson.

ALTER residence, $500; 29 Haywood Drive; owner. Allen Waugh.

DWELLING, 1-story frame, $6000; E 26th Ave 153 S Lake St; owner, Margaret Stevenson.

ALTER bldg, $1000; 286 4th Street; owner, Carl E Wald.

ALTER dwelling, $550; 355 17th Ave; owner, Mr Larant.

DWELLING, 1-story frame, $6250; E 38th Ave 100 S Moraga; owner, T E Mohler, Jr.

ALTER bakery, $550; 521 Clement; owner, Gretchen Bakery.

MILL, $1800; W Bayshore Blvd 95 S Cosgrave; owner, Western Eye Protection Co.

ALTER bldg, $5000; 2239 Clement St; owner, Herbert Pastene.

ALTER offices, $650; 62 1st Street; owner, Samuel Bohne.

ALTER tavern, $6000; 20 O'Farrell; owner, Geo Bronson.

ALTER office bldg, $7000; 417 Montgomery St; owner, General Pet Corp.

Furnace Permits

OAKLAND

9626 Hillside St; owner, Powell; dealer, Geo Campbell; floor furnace.

1085 54th St; owner, Cole; dealer, A E Hess; floor furnace.

457 Capistrano Dr; owner, Calvary Church; dealer, J Mosony; central.

2419 68th Ave; owner, Sylvia; dealer, O C Wood; floor furnace.

Completion Notices

SAN FRANCISCO

Recorded — Accepted

Feb. 1, 1946—Painting exterior and interior Station "A" Steam Plant, block bounded on N by Humboldt, on E by Louisiana, on S by 23rd and on W by Georgia, excepting that ptn thereof bounded by line beginning at NE 23rd and Georgia E 25 NW to point in E line Georgia St, distance 16.7 N from N 23rd S 16.7. Pacific Gas & Electric to D Zelinsky & Sons.............................Jan. 25, 1946

ALAMEDA COUNTY

Recorded — Accepted

Feb 2, 1946—PTN LOT 19, Blk 4, San Pablo Park, Berkeley. East Shore Homes, Inc to P F Heraty.............January 30, 1946

Feb 2, 1946—LOTS 1 to 8 incl Blk C, Tract 705, Eden Twp, Alameda. East Shore Homes Inc to P F Heraty.............January 30, 1946

Feb 2, 1946—8360 GOLF LINKS Rd Oakland. Wm L Maynard to whom it may concern.............February 1, 1946

Feb 1, 1946—7216 HAWLEY Street, Oakland. L J Drumgold to C H Thrams.............January 24, 1946

Feb 1, 1946—2039 ASILOMAR Dr, Oakland. B G Butterfied to O E Hagstrom.............January 23, 1946

Feb 1, 1946—302 24th ST, Oakland. J L Bowers to C H Thrams.............January 24, 1946

Feb 2, 1946—1671 MONO Ave, San Leandro. John G and Frances C Palfin to whom it may concern.............February 2, 1946

MARIN COUNTY

Recorded — Accepted

Feb. 1, 1946—Sycamore Village, Mill Valley. Martin Capital Co to Goheen Construction Co.....Jan. 30, 1946

Liens Filed

ALAMEDA COUNTY

Recorded — Amount

Feb 2, 1946—2813 TELEGRAPH Ave, Berkeley. Associated Hardwood Floor Co vs Julia O and A F Dahnert.............$233.60

Feb 2, 1946—LOT 9 Blk D, Santa Fe Tract No 2, Oakland. Suenderman Co vs Louis L and Margaret J Knappenberger, Joseph H Sheerin, Jr.............$504.60

Feb 2, 1946—577 BANCROFT Ave, San Leandro. Berman's vs Maria T and Roy Hamrick........$2281.52

Non-Responsibility

ALAMEDA COUNTY

Feb 1, 1946—3302 E 14th ST, Oakland. Charles Kushins and Arthur E Weston as to improvements on property.

Feb 2, 1946—1643 and 1645 SAN Pablo Avenue, Berkeley. Grace Singh as to improvements on property.

SAN FRANCISCO

Feb. 2, 1946—633A Green St. Harry A Farras as to improvements on property.

Electrical Permits

SAN FRANCISCO

8249-53 Various locations and owners; contractor, QRS Neon Co; signs.

8254 339 Eddy St; owner, Rita Rita Club; contractor, F J Klimm Co; 3 plugs.

8255 420 Ellis; owner, Ace Printing Co; contractor, Frank J Klmm Co; 4 plugs.

8256 570 O'Farrell St; owner, H E Fredrick; contractor, F J Klimm Co; ....

8257 1025 Monterey Blvd; owner, South; contractor, F J Klimm Co; ....

8258 479 Buena Vista; owner, Setridge; contractor, Century Elec; 11 outlets; 4 switches; 16 plugs.

8259 S Lombard 114 E Steiner; owner, Ford Fisher; contractor, Century Elec; 28 outlets; 10 switches; 12 plugs.

8260 1077 Howard St; owner. ABC Transfer; contractor, Century Elec; alterations.

8261 144 7th Street; owner, F Munden; contractor, Century Elec Constr Co; ....

8262 134 7th St; owner, Jas Blaha; contractor, Century Elec Const; ....

8263 842 Montgomery St; owner, Ace Carpenter Shop; contractor, Century Elec Constr Co; alterations.

8264 1456 Haight St; owner, Kimball; contractor, Century Electric Constr Co; alterations.

8265 1839 Irving Street; owner, Mills Constr Co; contractor, Century Elec Constr Co; alterations.

8266 S Lombard 117 E Steiner St; owner, ...; contractor, Century Elec Constr Co; ....

8267 740 Mission St; owner, Gass P & H Co; contractor, Century Elec; motors.

8268 60 Federal; owner, Empire Heating Co; contractor, Century El Constr Co; motors.

8269 2801 Geary; owner, Betty's Cafe; contractor, Century Electric Constr Co; ....

8272 225 Post; owner, C Kelsey; contractor, R C McBride, Jr; ....

8273 1539 23rd Ave; owner, Jas A Meyer; contractor, Arc Elec Co; ....

8274 274 Athens; owner, F C Frank and Vignati; contractor, Arc Elec Co; ....

8275 Tara 320 NE Niagara; owner, F C Frank and Vignati; contractor, Arc Elec Co; ....

8276 E Anderson 125 S arbo; dealer, ...; contractor, Arc Elec Co; ....

8277 240 Foote Ave; owner, B C Hoecker; contractor, Arc Elec Co; 10 outlets; 10 switches; 11 plugs.

8278 SW Noriega Cor 34th Ave; owner, Wold; contractor, Paragon Elec; 45 outlets; 29 switches; service; 20 plugs.

8279 W Jessie S McCoppin; owner, Bekins Van & Storage Co; contractor, Paragon Elec; motors.

8280 2840 Judah St; owner, Moldup contractor, Edison Elec Constr Co; 4 outlets; 2 switches; 3 plugs; serv.

8281 NE Cor 35th Ave and Santiago; owner, Peter Gavazza; contractor, Edison Elec Constr Co; serv.

8280 Larkin and Grove; owner, Civic Auditorium; contractor, Pacific Elec & Mech Co; ....

8281 164 Turk St; owner, ...; contractor, Malm & Welter; 1 outlet; 1 switch.

8282 255 West Portal Ave; owner, Martell's; contractor, Malm & Welter; ....

8283 1720 Polk St; owner, National Liquor; contractor, Malm & Welter; ....

8284 120 Main St; owner, Tagliabul; contractor, Malm & Welter; motors.

8285 101 Taylor; owner, Boyacaridas; contractor, Malm & Welter; 11 outlets

8286 840 Washington; owner, Gen You Co; contractor, Decker Electric Constr Co; 4 outlets; 1 switch; motors.

8287 137 4th St; owner, Sooman Instrument; contractor, Decker Elec Constr Co; 2 outlets; 1 switch; nine plugs.

8288 479 Broadway; owner, Rossi; contractor, Mercury Elec Co; 8 outlets; 1 switch; 2 plugs.

8289 448 Davis; owner, Brice; contractor, Mercury Elec Co; motors.

8290 140 7th St; owner, J H Murray; contractor, F J Klimm Co; alterations.

8291 140 7th St; owner, J H Murray; contractor, F J Klimm Co; sign.

8292 24th and Utah; owner, City of S F; contractor, Geo F Brayer; alterations.

8293 2231 35th Ave; owner, G E Carlson; contractor, Strom & Smith; 12 outlets; 11 switches; 14 plugs.

8294 3470 Mission; owner, Mike Perry; contractor, Arc Elec Co; 5 outlets; 3 switches; 1 plug.

8295 531 Las Palmos; owner, Sheffield; contractor, Arc Elec Co; ....

8296 345 Russia; owner, Bascocello; contractor, Arc Elec; service; motors.

8297 SE Lyell and Cayuga; owner, B Lindsay; contractor, Arc Elec Co; 13 outlets; 15 switches; 18 plugs.

8298 NE Moscow and France; owner, Orlandi; contractor, Arc Electric Co; 9 outlets; 8 switches; 8 plugs.

8299 3472 Mission St; owner, Mike Perry; contractor, Arc Elec; 6 outlets; 4 switches; 3 plugs.

8300-03 215-19-68-72 St Charles; owner, Matarie; contractor, Arc Elec Co; 12 outlets; 10 switches; 8 plugs.

8304 949 Post St; owner, Steve's Auto Laundry; contractor, Indus Marine Elec & Eng Co; 1 outlet; motor; 1 switch.

8305 673 Lisbon; owner, Ganzales; contractor, Indus Marine Elec and Eng Co; ....

8306 155 Sansome St; owner, S F Stock Exchange; contractor. H S Tittle Co; ....

8307 321 Brazil; owner, C Sparania; contractor, Star Elec Co; 1 outlet; 1 switch; 1 plug; service.

8308 1382 Gilman; owner, Marcini; contractor, Star Elec Co; 14 outlets; 8 switches; 10 plugs; service.

8309-13 Various locations and owners; contractor, Neon Mtce Corp; signs.

8314 350 Page St; owner, ...; contractor, Golden Gate Elec; ....

8315 2022 Hayes; owner, ...; contractor, Golden Gate Elec; 1 plug.

8316 S Irving St 80 E 28th Ave; owner, Doelger; contractor Richmond Elec Co; service.

FOR SALE
Fully Equipped
Brockway Line Truck
oOo
V. G. ELECTRIC CO.
330 SEVENTH ST., RICHMOND
Phone RICH. 4710

OAKLAND

35207 14th and Broadway; owner, S H Kress; contractor, Ets-Hokin & Galvan; ....

35208 3819 MacArthur Blvd; owner, Liquor Store; contractor, Ets-Hokin & Galvan; fixtures.

35209 3240 Kempton; owner, R & L Westwood; contractor, Shea Electric; alterations.

35210 1553 Alice; owner, General Petroleum; contractor, Shea Electric; sign.

35211 Penniman and High Sts; owner, General Petroleum; contractor, Shea Electric; sign.

35212 3833 Lakeshore Dr; owner, Harold Reich; contractor, Shea Electric; fixtures; alterations.

35213 2735 MacArthur Blvd; owner, Fruitvale Presbyterian Church; contractor, Dimond Electric; 4 outlets.

35214 5107 Broadway; owner, Paramount Built-In Fixture Co; contractor, Paramount Electric Co; ½ h.p. motor.

35215 3934 Broadway; owner, Garden Basket; contractor, Shea Electric; sign.

35216 7520 E 14th St; owner, Hunter & Ramsby; contractor, Dimond Electric; 2 outlets; 2 plugs.

35217 3439 Hollis; owner, Atlas-Pacific Engineering; contractor, California Electric; motors; alterations.

35218 6417 Colton; owner, Welch & Soul; contractor, Roberts Lighting Fixture; alterations.

35219 409 15th St; owner, Harry Schary; contractor, Spott Electric; 4 fixtures.

35220 518 Forrest; owner, Herman Leffler; contractor, Spott Electric; alterations.

35221 3731 MacArthur Blvd; owner, Owen; contractor, Fox Electrical; 6 outlets; 2 switches; alterations.

35222 232301 Grove St; owner, Doty & Lockwood; contractor, Paramount Electric; outlets; switches; fixtures.

35223 7th and Lewis Sts; owner, Standard Oil Co; contractor, Scott-Buttner Electric; install floodlight.

35224 9807 San Leandro Blvd; owner, Scott; contractor, Collins Electric; outlets; switches; fixtures; plugs; service.

35225 1837 San Pablo; owner, All-American Bus Co; contractor, Abbett Electric; sign; alterations.

35226 5878 Moraga; owner, Brussasco; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35227 366 40th St; owner, Beckett & Federighi; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35228 919 Broadway; owner, New York Cafe; contractor, Clifford Electric; 5 fixtures.

35229 1445 23rd Ave; owner, Palace Theater; contractor, Matson Electrical Equipment; alterations.

35230 314 15th St; owner, Fred Du Brutz; contractor, Chas A Langlais Co; 2 fixtures.

Engineering Section

(Continued From Page Three)

2/5/46 • 40

BIDS WANTED

SNOHOMISH COUNTY, Washington.—Until February 18, 2 P. M., bids will be received by Roy Crane, Snohomish County engineer, Courthouse, for revising a portion of Trafton-Jim Creek Rd., 1.92 miles, located approximately five miles east of Arlington, Wash.; Snohomish County road project No. 251.

The work involves:

(1) 14,987 cu. yds. common excavation;
(2) 143 cu. yds. structural excavation;
(3) 50 cu. yds. class D excavation;
(4) 234 ft. 18-in. plain concrete pipe;
(5) 104 ft. 36-in. standard reinforced concrete pipe;
(6) 66 ft. 4-in. standard reinforced concrete pipe;
(7) 4500 cu. yds. gravel surfacing;
(8) 8760 cu. yds. sta. of overhaul;
(9) lump sum clearing and grubbing;
(10) lump sum, remove old bridge;
(11) 3400 cu. yds. borrow.

Specifications obtainable from the above office, also from Pacific Builder and Engineer, Arcade Bldg., Seattle, Wash.

2/5/46 • 40

BIDS OPENED

STOCKTON, San Joaquin Co., Calif.—A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, at $80,047, submitted low bid and was recommended for award by the officer in charge of construction, U. S. Naval Supply Annex, Stockton, under Spec. 17555 for additional drainage systems and extensions of motor parking area at the U. S. Navy Supply Annex, Stockton.

The work contemplated includes, but is not limited to, the construction of catchment basins, headwalls and ditches, the furnishing and installation of corrugated metal pipe as inverted siphons and culverts, the furnishing and installation of reinforced concrete pipe drains and laterals, paving removal and replacement, and revisions and such incidental features of construction as are necessary to the completion of the drainage project.

The work contemplated also includs the installation of an extension to an existing motor parking area, together with the furnishing and installation of corrugated metal pipe culverts, construction of headwalls and ditches, the laying of redwood bumper blocks and such incidental features of construction as are necessary to the completion of the motor parking area.

Complete bids were:

A. Teichert & Son, Inc., $80,047.
M. & K. Corp., San Francisco, $83,200.
Louis Basotti, Stockton, $84,379.80.
Peter Kiewit & Sons, Al Johnson Construction Co. and Hubert H. Everest Sr., San Francisco (joint venture), $93,700.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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42— MISC. SUPPLIES AND MATERIALS

5/2/46 • • 42

BIDS OPENED

DENVER, Colo. — Following submitted bids to the U. S. Bureau of Reclamation. Custom House, Denver under Inv. No. D-33,263-A for furnishing 72,000 bbls. of modified portland cement in paper sacks for delivering (a) fob shipping point, (b) fob Redding, Calif., (c) fob Coram, Calif. It will be assumed that 36,000 barrels will be delivered at Redding and 36,000 bbls. at Coram:

Calaveras Cement Co., San Francisco, (b) $2.559715, fob Redding; (c) $2.61974, fob cars Coram; terms net.

Permanente Cement Co., Oakland, $1.6195, fob Redding delivery; $1.62079, fob Coram delivery; $2.56 fob cars Redding; $2.62 fob cars Coram:

2/5/46 • 42

BIDS WANTED

SACRAMENTO, Calif.—Until February 15, 5 P. M., bids will be received by the City of Sacramento, city clerk, City Hall, for furnishing 25,000 lin. ft. 6-inch cast iron pipe for the Water Department.

Specifications obtainable from the above office.

2/5/46 • 42

NOTICE OF SALE

SAN FRANCISCO—Until February 14, 10 A. M., bids will be received by the Navy Department, Material Redistribution and Disposal Office, 785 Market St., San Francisco 3, under Sales Catalog No. B-276-46 for the sale of miscellaneous paint, valves, shower units, laundry tubs, square tapered posts and springs, located at U. S. Naval Barracks (WR), Balboa Park, 1050 Ocean Ave., San Francisco.

Bids must be accompanied by a certified check or cash in the amount of 25% of the bid.

Specifications obtainable from the above office.

2/5/46 • 42

BIDS WANTED

PORT HUENEME, Ventura Co., Calif.—Until February 15, 11 A. M., bids will be received by the Navy Material Redistribution and Disposal Office, 542 S. Broadway, Room 220, Los Angeles, for the sale of miscellaneous hardware, electrical, plumbing supplies and miscellaneous equipment, including drills, wrenches, switches, butts, hinges, pulleys, nuts, drift pins, bolts, doors, glass, screws, drains, valve, nipple, ells, elbows, tees, bushings, conduit and strainers, located at the U. S Naval Advance Base Depot, Port Hueneme, Calif.; Sales Catalog No. B-291-46. Specifications available at the above office.

terms net.

Pacific Portland Cement Co., San Francisco, (b) $2.55829, fob Redding; (c) $2.61829, fob Coram; terms net.

2-5/46 • 42

BIDS OPENED

DENVER, Colo. — The following submitted bids to the Bureau of Reclamation, Office of the Director of Finance, Custom House, Denver 2, Colo., under Inv. No. A-20,379-Z for furnishing and delivering materials as follows:

(1) 5000 bbls. sufate-resisting portland cement in paper sacks, f.o.b. shipping point and/or Ralston, Wyo.;
(2) 5000 bbls. sulfate-resisting portland cement in paper sacks, f.o.b. shipping point and/or Riverton, Wyo.;
(3) 400 bbls. sulfate-resisting portland cement in paper sacks, f.o.b. shipping point and/or Belle Fourche, S. D.

Portland Cement Co., Denver, Colo., (1) $3, f.o.b. shipping point; (2) $3, f.o.b. Boettcher, Colo.; terms 10 cents per bbl. 15 days.

Monolith Portland Midwest Co., Denver, Colo., (1) $2.78; (2) $2.78; (3) $2.78, all f.o.b. shipping point; terms 10 cents per bbl. 20 days.

2/5/46 • 42

BIDS WANTED

DENVER, Colo. — Until February 15, 2 P. M. (bid opening postponed from February 5), bids will be received by the Bureau of Reclamation, Office of Director of Finance, Custom House, Denver 2, Colo., under Inv. No. D-33,265-A for furnishing and delivering materials f.o.b. shipping point and/or Marysville, Calif., as follows:

(1) 2400 suspension clamps for 795,000 circular mil aluminum conductor, steel-reinforced, with armor rods having an outside diameter over the armor rods of 2.04 inches;
(2) 200 suspension clamps for 500,000 circular mil, General Cable Corp. type HH, hollow copper conductor having an outside diameter of 1.10 inches. The clamp body shall not be less than 16 inches in length;
(3) 2200 suspension clamps for 500,000 circular mil General Cable Corp. type HH, hollow copper conductor having an outside diameter of 1.10 inches. The clamp body shall not be less than 11 inches in length;
(4) 2400 same as item 3, except for expanded type of copper conductor having an outside diameter of 1.10 inches.

Specifications obtainable from the above office; also on file at the office of DAILY PACIFIC BUILDER, 465 Tenth St, San Francisco.

2/5/46 • 42

NOTICE OF SALE

SAN FRANCISCO—Until February 14, 10 A. M., bids will be received by the Navy Department, Material Redistribution and Disposal Office. 785 Market St., San Francisco 3, under Sales Catalog No. B-275-46 for materials as follows:

(Lot No. 1), 11,345 yds. 1-in. O.D. webbing, C4050, in 50- to 100-yd. rolls, 450 lbs. test, located at Navy Material Redistribution Center, Alameda.

(Lot No. 2), 54,929 yds. 1-in. O.D. webbing, C4050, in 50- to 100-yd. rolls, 450 lbs. test, located at Wilber & Son's warehouse, Suisun, Calif.

Bids must be accompanied by a certified check or cash in the amount of 25% of the bid.

Specfications obtainable from the above office.

2/5/46 • 42

NOTICE OF SALE

SAN FRANCISCO—Until February 15, 10 A. M., bids will be received by the Navy Department, Material Redistribution nad Disposal Office, 785 Market St., San Francisco 3, under Sales Catalog No. B-278-46 for the sale of one machine, darning and mending, Chandler Class 144, floor model type, complete with all attachments, 120-volt, 60-cycle single phase a.c. with table and stand, Serial No. 3133. In original shipping crate. New; excellent condition, located at 9th Ave. Pier, Oakland, Calif.

Bids must be accompanied by a certified check or cash in the amount of 25% of the bid.

Specifications obtainable from the above office.

2/5/46 • 42

NOTICE OF SALE

SAN FRANCISCO—Until February 20, 10 A. M., bids will be received by the Navy Department, Material Redistribution and Disposal Office, 785 Market St., San Francisco 3, under Sales Catalog No. B-281-46 for the sale of 632 seats, amphibious tank type, steel frame, horizontal adjustment, vertical adjustment to five heights, with spring control, hair-stuffed black leatherette upholstery, 12x12-in. spring cushion, 15-in. detachable back rest with wings, clips for safety belt, base drilled to bolt down, pcked one to crate; manufactured by American Seating Co.; new; excellent condition.

Bids must be accompanied by a certified check or cash in the amount of 25% of the bid.

Specifications obtainable from the above office.

2/5/46 • 42

BIDS WANTED

SAN FRANCISCO—Until February 15, 10 A. M, bids will be received by the Navy Department, Material Redistribution and Disposal Office, 785 Market St., San Francisco 3, under Sales Catalog No. B-279-46 for the sale of 200 ft. cable, MCOP 22, rubber covered, 22 conductor, 2613 cir. mil. per conductor, very flexible, oil resisting; new; excellent condition; located at Moore Dry Dock Co., warehouse, West Yard, Oakland, Calif.

Bids must be accompanied by a certified check or cash in the amount of 25% of the bid.

Specifications obtainable from the above office.

2/5/46 • 42

BIDS OPENED

SACRAMENTO, Calif.—The following bids were received by the City of Sacramento, City Hall, city clerk's office, for 2000 feet of fire hose for the City of Sacramento Fire Department:

Sutton-Morf Tractor Co., Sacramento, 2½-in., $.90; 1½-in., $.60.

Sacramento Rubber Co., Sacramento, 2½-in., $.96; 1½-in., $.54.

American Rubber Co., 2½-in., $1; 1½-in., $.75.

43— MACHINERY AND

2/5/46 • 43

CONTRACT AWARDED

DENVER, Colo.—General Electric Co., 650 17th St., Denver, at $84,480, was awarded contract by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1110 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Denver, Colo., at the option of the bidder, one alternating current calculating board for installation in the office of the Bureau of Reclamation, Denver, Colo. All of the apparatus will be installed by the government.

2/5/46 • 43

BIDS OPENED

CENTRAL VALLEY PROJECT, California.—The following submitted bids to the U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Denver, Colo., under Spec. 1144 for furnishing and delivering four (4) 230/196-kilovolt, 800-ampere, 3-pole, single-throw, outdoor type, 5-cycle, oil circuit breakers; one (1) 230/196-kilovolt, 800-ampere, 3-pole, single-throw, outdoor type, 3-cycle, oil circuit breaker suitable for future 20-cycle automatic reclosing; five (5) 196-kilovolt, 1200-ampere, 3-pole, single-throw, manually-gang operated, outdoor type disconnecting switches; three (3) 196-kilovolt, 1200-ampere, 3-pole, selector type, manually-gang operated, outdoor type disconnecting switches with manually-gang operated grounding blades, and three (3) single-pole, thyrite or autovalve, outdoor, station type lightning arresters, designed for suspension mounting and suitable for service on a 230,000-volt, 3-phase, grounded-neutral circuit, for Shasta and Keswick power plants, Kennett Division, Central Valley Project, California, f.o.b. shipping point and/or Coram and Redding.

Tabulation of bids:

General Electric Co., Denver, Colo., Sched. No. 1, $154,456, $30 day engineer, $25 day mechanic, 420 shipping days; Sched No. 2, $51,502, $30 day engineer, $25 day mechanic, 420 shipping days; Sched. No. 3, Item 5, $16,300, 270 shipping days; Item 6, $22,830, 270 shipping days; Sched. No. 4, $7392, 270 shipping days; f.o.b. destination; terms net.

Westinghouse Electric Corp., Denver, Colo., Sched. No. 1, $155,448, $30 day engineer, $25 day mechanic, 420 shipping days; Sched. No. 2, $52,107, $30 day engineer, $25 day mechanic, 420 shipping days; Sched. No. 3, Item 5, $16,738.60, 270 shipping days; Item 6, $23,356.40, 270 shipping days; Sched. No. 4, $7392, 270 shipping days; f.o.b. destination; terms net.

Electric Power Equipment Corp., Philadelphia, Pa., Schd. No. 3, Item 5, $16,602.25; Item 6, $23,192.75; 270 shipping days; f.o.b. destination; terms net.

Bowie Switch Co., San Francisco, Sched. No. 3, Item 5, $16,738.60; Item 6, $23,356.40; 270 shipping days; f.o.b. destination; terms net.

Delta Star Electric Co., Chicago, Ill., Sched. No. 3, Item 5, $16,738.60; Item 6, $23,356.40; 270 shipping days; f.o.b. destination; terms net.

Cole Electric Co., Los Angeles, Sched. No. 3, Item 5, $16,738.60; Item 6, $23,356.40; 270 shipping days; f.o.b. destination; terms net.

Southern States Equipment Corp., Hampton, Ga., Sched. No. 3, Item 5, $16,638.35; Item 6, $23,256.15; 150 shipping days; f.o.b. destination; terms net.

Graybar Electric Co., Denver, Colo., Sched. No. 3, Item 5, $16,738.60; Item 6, $23,356.40; 270 shipping days; f.o.b. destination; terms net.

Railway Industrial Engineering Co., Greensburg, Pa., Sched. No. 3, Item 5, $16,602.25; Item 6, $23,192.75; 270 shipping days; f.o.b. destination; terms net.

Pacific Electric Manufacturing Co., San Francisco, Sched. No. 3, Item 5, $16,738.60; Item 6, $23,356.40; 270 shipping days; f.o.b. destination; terms net.

2/5/46 • 43

BIDS WANTED

ALAMEDA COUNTY, Calif.—Until February 11, 3 P. M., bids will be received by John H. Skeggs, district engineer, 2001 Van Ness Ave., San Francisco, for rental of one crawler type tractor with gas or diesel powered 20 to 30 h.p., equipped with a disc cultivator, for intermittent service totaling approximately 50 hours of work in roadside cultivation in Alameda County.

Specifications obtainable from the above office.

2/5/46 • 43

BIDS WANTED

SACRAMENTO, Calif.—Until February 8, 5 P. M., bids will be received by the City of Sacramento, city clerk, City Hall, for furnishing and delivering six 3-wheel motorcycles for the Traffic Department.

Specifications obtainable from the above office.

2/5/46 • 43

BIDS WANTED

REDDING, Shasta Co., Calif.—Until February 27, 2 P. M., bids will be received at the office of the Bureau of Reclamation, Denver, Colo., for furnishing and installing electric elevator for Keswick power plant, Kennett Division, Central Valley Project, California; Spec. No. 1158. The Keswick power plant is located on the Sacramento River near Redding. The elevator will be an electric elevator having a capacity of 3000 lbs and will be used primary for passenger service. The travel will be 67 ft. 6 in. Work must be completed in 60 days. Specifications may be obtained from the following offices of the Bureau of Reclamation: 7th and K Sts., Sacramento 14, Calif.; U. S. Custom House, Denver 2, Colo.; Bureau of Reclamation, Washington 25, D. C.

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RECEIVING OFFERS

WASHINGTON, D. C.—The U. S. Coast Guard, Port Security Organization, Rear Admiral Lyndon Spencer, assistant chief of operations, Washington, D. C., is receiving negotiated offers through the Surplus Property Board for the sale of 250 fire boats, located at port cities throughout the country.

Classified Advertising

WANTED

General Contractor wants FIRST-CLASS ESTIMATOR State experience, references and salary expected. Reply Box 131, c/o Daily Pacific Builder. to Feb. 5, 1946

ESTIMATOR with Building exp. or Engineering training. State previous exp. and education. Good future for ambitious young man. Reply Box 130 c/o Daily Pacific Builder. (tf)

BLDG. CONSTR. SUPT., good future. State experience and references. Reply Box 16, c/o Daily Pacific Builder. tf

POSITION WANTED

SALESMAN-ESTIMATOR — All Building Materials — wants position. Reply Box 21, c/o Daily Pacific Builder. to 2/7/46

Man with MARINE ENGINEERING EXP. wants position in boiler room and mechanical maintenance. Phone WEst 9361. (1/31, 2/1, 4/46

Exp. all-round CONSTRUCTION SUPT. holding Class A California Contractor's License, desires connection with general contracting firm in Bay district. Write to 215C S. American St., Stockton, Calif., or phone 2-4688. (2/5-6-7-8-11/46)

DRAFTSMAN for making FURNITURE LAYOUT PLANS. Need not be graduate nor of prevous experience in the business. Steady employment. Phone UNderhill 0468, Mr. Windhorst. (2/5-6-7/46)

Prospective Bidders

Alter Canton Bank, 555 Montgomery St., S. F.

BIDS: Architect William G. Merchant; 57 Post St., San Francisco, February 5, Noon.

Alfred P. Fisher, 300 Montgomery St., San Francisco.

G. P. W. Jensen & Sons, Inc., 320 Market St., San Francisco.

Sheet Metal Shop, 22nd and S Sts., Sacramento

BIDS: Architect Gordon Stafford, Insurance Bldg., 806 K St., Sacramento, February 15, 4 P. M.

Campbell Constr. Co., 800 R St., Sacramento.

Lawrence Constr. Co., 3020 V St., Sacramento.

Holdener Constr. Co., 2608 R St., Sacramento.

Chas. F. Unger, 2426 Seventh Ave., Sacramento.

H. W. Robertson, 2917 T St., Sacramento.

Central California Constr. Co, 116 Erie St., San Francisco. • •

Factory Building, 5425 E. 14th St., Oakland

BIDS: Architects Miller & Warnecke, Financial Center Bldg., Oakland, February 8, 3 P. M., for Kay Chesterfield Manufacturing Co.

H. L. Risdon & Sons, 5977 Majestic Ave., Oakland.

Hans C. Jensen, 3906 Oakmore Rd., Oakland.

Anderson & Hagland, Inc., 219 41st St., Oakland.

Stolte, Inc., 8451 San Leandro St., Oakland.

E. T. Leiter Sons, 811 37th Street, Oakland. • •

Moody Motel Buildings, Oakland, Calif.

BIDS: Architects Miller & Warnecke, Financial Center Bldg., Oakland, February 7, 3 P. M.

Barrett & Hilp, 918 Harrison St., San Francisco.

Frank F. Burrows, 10 California Drive, Burlingame.

E. T. Leiter Sons, 811 37th Street, Oakland.

Stolte, Inc., 8451 San Leandro St., Oakland.

Parker, Steffens & Pearce, 135 So. Park, San Francisco.

M. & K. Corp., 200 Financial Center Bldg., San Francisco. • •

Store Building, Railroad Ave. and E. 7th St., Pittsburg, Calif.

BIDS: Camillo Lamzafame, o/o Architect Philip D. Tomasello, Room 305, 605 Washington St., San Francisco, February 9, 11 A. M.

Stolte, Inc., 8451 San Leandro St., Oakland.

De Luca & Son, 1745 Filbert St., San Francisco.

Howes & Whitaker, 626 Russ Bldg., San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco.

S. J. Amoroso Construction Co., 2100 Oakdale Ave., San Francisco.

Clinton Construction Co., 923 Folsom St., San Francisco.

Louis C. Dunn Co., 799 Monadnock Bldg., San Francisco.

Erbentraut & Summers, 446 Sixth St., San Francisco.

Horace J. Slino, 23 W. 7th St., Pittsburg.

G. E. Seeno & Sons, 150 E. 2nd St., Pittsburg. •

Track and Telephone Line Relocation, Idaho Northern Branch, Oregon Short Line Railroad

BIDS: Bureau of Reclamation, Boise, Idaho, February 28, 10 A. M.

Nat McDougall Co., Sherlock Bldg., Portland.

Max J. Kuney Co., N 120 Ralph, Spokane.

Vernon Brothers, 8th and Orchard Avenue.

M. K. Engineering Co., Inc., Albany, N. Y.

Wixon-Crowe, Redding, Calif.

Condon-Cunningham Co., Omaha, Nebraska. • •

EMPLOYMENT SERVICE

For further information regarding positions listed under this classification address Newton D. Cook, Manager, Engineering Societies' Personnel Service, 57 Post St., San Francisco.

MECHL. DRAFTSMAN, exper. on conveyor layout and details. Salary $300-$350 mo. San Francisco. S-487. Newton D. Cook, 57 Post St., San Francisco.

CIVIL ENGINEER, 30-35 yrs. old, stream gaging exper., as asst. water master. Salary to start $300 month. San Joaquin Valley. S-554. Newton D. Cook, 57 Post St., San Francisco.

MECHL. DESIGNER, exper., to design and develop special woodworking machinery. Perm. Salary open. Northern California. S-547. Newton D. Cook, 57 Post St., San Francisco.

STRUCTURAL DESIGNER, exper. on heavy steel and concrete. Salary $2-$2.60 hr., 40-hour week. East Bay. S-381-K. Newton D. Cook, 57 Post St., San Francisco.

DRAFTSMAN, Structl. and Archtl., for comml. and industrial bldgs. Salary open. San Francisco. S-488. Newton D. Cook, 57 Post St., San Francisco.

BUYER and expeditor, exper. in San Francisco building materials. Sal. $400-$500 mo. San Francisco. S-555. Newton D. Cook, 57 Post St., San Francisco.

ARCHTL. DESIGNER with at least 2 yrs. exper. beyond college. Permanent. Salary open. Monterey County. S-533. Newton D. Cook, 57 Post St., San Francisco.

ARCHTL. DRAFTSMAN, senior or junior. Perm. Salary open. San Francisco. S-557. Newton D. Cook, 57 Post St., San Francisco.

ASST. CHIEF ELECTRICIAN with hydroelectric exper. for large mining company; 2-yr. contract. Salary $300 mo. and quarters. Ecuador. S-558. Newton D. Cook, 57 Post St., San Francisco.

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Fifty-sixth Year—Vol. 56—No. 26 SAN FRANCISCO, WEDNESDAY, FEBRUARY 6, 1946 PRICE 15 CENTS PER COPY

PLANS and Speculations

Oakland: The City Council has approved an agreement budgeting $50,000 from the gas tax fund for surveys, plans and purchase of needed land to make 42nd Avenue a part of the city's proposed freeway system.

oOo

Sacramento: If the bili appropriating $90,000,000 to the cities and counties of California becomes a fact, San Francisco's share will be $8,409,959. Other bay area and northern California county appropriations, including the cities, are as follows: Alameda, $6,358,586; Contra Costa, $1,212,255; Solano, $687000; Marin, $675350; Napa, $410,530; Sonoma, $890,382; San Mateo, $1,397,719; Santa Clara, $2-082,440; Sacramento, $2,087,197; Yolo $463,296. Los Angeles county and its cities will get more than $33,000,000.

oOo

Watsonville: A new theatre is scheduled for construction as soon as materials and conditions allow, W. H. Lollier, Fox West Coast theatre real estate representative, has announced. Lollier said his firm would erect a building on the corner of Hyde Street, Main Street and Western Drive. Cost is estimated at $250,000. The new cinema, to be named the "Hyde Park Theatre" will have seating for 1200.

oOo

San Leandro: Ground was broken last Sunday for a new church at the corner of Lewis Avenue and MacArthur Boulevard. The new edifice is being erected by the San Leandro Church of Christ at an approximate cost of $20,000. Pastor is Charles A. Polley. . . . Approval has been given an application for re-zoning made by Dr. C. L. Hoffman, San Leandro dentist, to permit construction by him of a medical-dental building on the southwest corner of Bancroft Ave. and Dowling Blvd. . . Construction of a $250,000 steel fabrication plant has been started at Bayshore Blvd. and Davis Street for the Osborne Engineering Co. First unit is an office building. A modern plant building of 50,000 square feet will get underway shortly.

oOo

Furniture To Be Manufactured By Oakland Plant

Increasing importance of the San Francisco Bay Area is a furniture production center is reflected in an announcement made by the industrial departments of the Oakland and San Francisco Chambers of Commerce.

Plans have been completed by the National Automotive Fibres Corporation, the largest supplier of upholstered equipment for automotive manufacturers, to begin the manufacture of furniture in the Bay Area. Sales headquarters have already been established in San Francisco for Market Week, with the Oakland Division selected as the manufacturing site from among the company's seven plants throughout the country.

Furniture manufacturing in the firm's Oakland plant will require an expansion of some 65,000 sq. ft., and a sizeable expenditure for new construction and equipment. Personnel will be increased by 200 to 250 people at the factory level and will constitute an addition to the industrial permanent payroll of over $75,000.

Charles Futterer, authority in furniture production and design, and recently head of his own manufacturing concern, has been retained to supervise the furniture division, according to J. G. Bannister, Oakland Divisional Manager.

Opening of this new furniture operation is expected to alleviate one of the most severe shortages in Northern California furniture and department stores and will fill the manufacturing deficiency in this type of merchandise by narrowing the gap between local manufacturer and consumption, according to the chambers of commerce.

Engineer's Tour Through ILG Plant Pictured In Book

"An Engineer Looks at ILG"—the title of a new book published by the ILG Electric Ventilating Company of Chicago — tells the complete story of the book's content in just five words.

For the new publication is just that—a word and picture story of what a consulting engineer saw as he made a tour of the ILG plant.

Starting out with manufacture of motors with special characteristics for ventilating equipment duty, several pages picture the operations performed on ILG motors.

A stop is made in the Centrifugal Fan Department where both all-steel and fans with cast iron sides are in progress. Here, in addition to showing construction and testing views, pictures of special features such as the ILG patented variable air controller and "floated drive" are included.

Propeller Fans with self-cooled motors are shown before and during assembly along a block long continuous conveyor system. Closely adjoining are photographs taken of vaneaxial fan construction. Two pages of pictures show the manufacture and assembly of unit heaters. Here one center of interest focuses on a photograph of an ILG installation in the Ford sub-chaser plant of 1917—the first known application of the propeller fan unit heating principle.

Following the parade of manufacturing sequences, A. G. Sutcliffe, ILG Chief Engineer, conducts the visitor through the new, fully equipped Research Laboratory. P. D. Briggs, Vice-President in Charge of Sales, points out the nation-wide sales engineering help available from ILG. O. W. Dexter, Advertising and Sales Promotion Manager, gives a brief summary of exclusive ILG features. President John M. Frank visualizes the prominent buildings equipped with ILG apparatus, as well as the prominent role played by ILG in World Wars I and II. And Vice-President Walter Rietz, in charge of manufacturing, indicates the highlights of pioneering practices in personnel relationships which make production flow smoothly and efficiently.

The 36-page, two-color book ends up with a glowing promise for the future based upon new research facilities, improved equipment and "know-how" gathered over a period of 40 years of manufacturing experience.

Copies of the new book are available without charge either from the home office or from one of the 40 ILG Branch Offices located in principle cities. The San Francisco office of the ILG Electric Ventilating Company is located at 55 New Montgomery St. While it is not intended as a substitute for an actual trip through the plant, it is the next best thing. Men in the business of specifying, designing, purchasing, or installing ventilating or heating systems, who have had the opportunity of reviewing the new publication state that it is an "eye-opener" and definitely of help to them in their work.

ARCHITECTURAL CLUB TO MEET

A. J. Robertson, President of the San Francisco Architectural Club, will address the regular meeting to be held today, Feb. 6, at 666 Mission Street. Robertson will outline future plans for the Club and urges all members to bring along a prospective member.

Members will leave Club quarters at 6 p. m., for dinner as usual, and return at 8:15 p. m., for the meeting.

FPC Reveals New Hydroelectric Project

The Federal Power Commission has announced its receipt of an application filed under the Federal Power Act by Public Utility District No. 1 of Clallam County, Wash., for a preliminary permit for 36 months for a hydroelectric project to be located on the Hoh River, in the region of Forks, Wash., and affecting lands of the United States in the Olympic National Forest, as well as lands owned by the state of Washington and private owners.

According to the application, the proposed development would consist principally of a masonry or rock-fill dam 150 feet above low water stage located on the upstream side of the Ox-Bow Bend, a steel penstock from the dam to the powerhouse, and a powerhouse with installed capacity of about 32,000 horsepower to be located on the downstream side of a ridge which separates the two arms of the Ox-Bow Bend. The energy generated would be distributed for public utility purposes through a municipal distribution system in Clallam and Jefferson Counties, Washington.

A preliminary permit, if issued, would be for the purpose of maintaining priority of application under the Federal Power Act but would not authorize any actual construction on lands of the United

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NOTICE OF POSTPONEMENT

Assistant Hydraulic Engineer

The examination for Assistant Hydraulic Engineer scheduled for February 16, has been postponed to March 9 by the State Personnel Board. The final date for filing applications has been extended to February 21.

Traffic Problem To Be Discussed At CC Luncheon

San Francisco's traffic problems will be the subject of discussion at a public luncheon sponsored by the City Planning Commission and Public Utilities Commission at noon today, Wednesday, February 6, in the Italian Room of the St. Francis Hotel, it was announced by the San Francisco Chamber of Commerce.

Edward L. Turkington, chairman of the Traffic and Highway Committee of the Chamber, will preside as chairman.

Guest speaker will be Leslie Williams, City Planning Engineer, American Transit Association, who will discuss "Traffic Congestion and What Can Be Done About It". Guests will be permitted to ask questions after the address and general discussions will follow.

Representatives of all civic agencies are invited to attend. Reservations may be made with Roger Deas, secretary of the City Planning Commission.

Williams, who is touring the nation on behalf of the American Transit Association, will also address public meetings in Oakland and Berkeley while in this area.

After a career spent in study and teaching of traffic engineering at Harvard and Yale Universities, Williams became director of the Civic Planning and Traffic Board of Providence, Rhode Island, and engineer-director of the Governor's Commission on Metropolitan Transportation in Rhode Island. He subsequently was appointed to his present position with the American Transit Association, which is the national professional agency of the American transit industry.

GROOVER AND I

FREEDOM OF SPEECH

The most important news item of the week is the Supreme Court Decision, 8 to 0, reinstating the right of the magazine Esquire to the mails and males of the nation.

★ ★ ★

The Postmaster General (not Hannegan, but his predecessor) lifted the second-class mailing privileges of Esquire because he did not like the "art" work it contained.

★ ★ ★

As an Old Second-Looker, I do not think the bosomy, leggy gals in Esquire are especially harmful to the public morals. They are escapist pictures rather than delineations that are disturbingly true.

★ ★ ★

Should you see a girl with the proportions of an Esquire figure you would probably go on the wagon or have your glasses changed. She would be more curious than cuddly.

★ ★ ★

Even though you have never seen nor read a copy of Esquire (yes, it has stories too!) this decision is important to you. The Supreme Court is reaffirming the Free Speech guarantee contained in our Constitution.

★ ★ ★

Under the Constitution, you can still stand up and say "horsefeathers" if one man issues a Fascist dictum as to what you can or cannot say or read.

New Lightweight Portable Saw Announced

A new lightweight portable 12-inch radial saw, which it is said will save 25 per cent or more of the usual power saw time on the average building or other production cutting job, has just been added to the Monarch Uni-Point line of woodworking machinery.

The new radial saw is made principally of light, non-rusting magnesium, so that the unit complete with carrying frame and 1½-h.p. electric motor weighs approximately 200 pounds and can be carried readily by two men. It is so compact that it is easily carried through a 30-inch doorway, yet it has a 3 by 16-inch crosscut and 20½-inch wide ripping capacity, and it will handle all the diffferent kinds of work that heavy stationary radial saws will do. It can be carried and plugged in anywhere that there is electric current.

The American Saw Mill Machinery Co., Hackettstown, N. J., makers of the new saw, say that it embodies all of the principal features of the large size stationary Monarch Uni-point radial saws already famous throughout the country. Chief among these features is the exclusive Uni-Point cutting principle which is the main reason for the company's claims of simpler operation and speedier performance.

"One-point cutting" is accomplished by a unique design that permits the entire column of the machine to tilt vertically and also to pivot to the right or left through a horizontal arc so that regardless of how the machine is adjusted for a bevel, miter or compound mit-

(Continued on Page Four)

Did You Know That . . .

C. Norman Peterson, formerly manager of construction for the Fred J. Early Company, has established his own firm engaging in general building construction. Temporary office is located at 70 Rock Lane in Berkeley. Telephone Ashberry 7920.

—O—

Architect Mario J. Ciampi announces the removal of his offices to 333 Kearney Street, Suite 701, San Francisco 8. Telephone DOuglas 2595.

—O—

Elliott and Elliott Roofing Company, formely located at 2109 San Pablo Avenue, Oakland, has opened their newly constructed office and warehouse at 2336 Market Street, Oakland. Telephone HIghgate 7270.

—O—

Rensselaer Valve Company, 115 Townsend St., San Francisco 7, has been appointed Northern California representative for Tegul Mineralead, Hyde-Ro Rings, G K Compounds, Tegul Ampco and accessories of the Atlas Mineral Products Company.

—O—

Eric Mendelsohn, AIA, John Ekin Dinwiddie, AIA, and Albert Henry Hill take pleasure in announcing that they have formed a partnership for the practice of architecture. Offices are at 233 Sansome Street, San Francisco 4. Telephone DOuglas 2197.

—O—

Architect Albert H. Larsen, 80 Finger Avenue, Redwood City, desires to receive catalogs and manufacturers' data for his files.

—O—

The La Plant-Choate Manufacturing Company, Inc., has moved from 344 Davis Street, San Leandro, to 1022—77th Ave., Oakland. The telephone number remains unchanged: SWeetwood 6300.

—O—

Gus A. Anderson of the **Palo Alto Materials Company**, has announced plans for the erection of steel aggregate bunkers and a concrete plant. Contractor Earl W. Heple hopes to begin construction of the new plant within a few days.

-O-

The Oakland Sheet Metal Supply Company will be closed all day Saturdays, starting February 2.

-O-

MacDonald, Young and Nelson, newly-organized firm of general contractors with home offices in San Francisco, have established their main supply and operations yard in Berkeley. The yard is being established at Jones Street and East Shore Highway on property leased by A. J. McCosker, Berkeley contractor.

-O-

Portman's Mill and Cabinet Shop has announced removal to new and larger quarters at 245 Bayshore Boulevard, San Francisco. Telephone: ATwater 2558.

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DAILY PACIFIC BUILDER
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Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

SUBSCRIPTION RATES:
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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Religious Buildings 18-19
Social, Recreational Bldgs. 20-21
Residential Buildings 22-26
Transportation Bldgs. 27
Miscellaneous Bldgs. 28-30

1-8—COMMERCIAL BLDGS.

2/5/46 • 6
STORE BUILDING
SAN JOSE, Santa Clara Co., Calif.
Construction of masonry store building.
Owner—Red & White Stores.
Architect—R. Benedict Brout & Associates, 1 Drumm St., San Francisco.

2/6/46 3
BIDS OPENED
WAREHOUSE
SACRAMENTO, Sacramento County, Calif. California National Guard.
Construction of a 1-story brick and reinforced concrete warehouse. The floor area will be 4400 sq. ft., approximately.
Owner—State of California, Division of Architecture, Public Works Bldg., 12th and N Sts., Sacramento.
Plans by State Architect Anson Boyd, Public Works Bldg., Sacramento.
Low Bidder—Campbell Construction Co., 800 R St., Sacramento, $16,977.
Other bidders were:
Chittenden & Chittenden, Auburn, $18,425.
Henry Finnigan, Sacramento, $19,820.
Lawrence Construction Co., Sacramento, $20,195.

2/6/46 • • 8
WORK STARTED
REMODELING STORE Cost, $100,000
OAKLAND, Alameda Co., Cal. 1715 Broadway.
Remodeling and expanding shoe store to include construction of complete second floor, with installation of elevator to the second floor; new facing on both Broadway and Telegraph Ave. fronts, with all glass doors; new customer and display facilities, and new departments.
Owner—Lingren's Shoe Store, O. C. Linn, Pres., 1715 Broadway, Oakland.
Architect—A. R. Williams, 251 Post St., San Francisco.
Contractor—F. H. White, 1615 Broadway, Oakland.

2/6/46 • • 1
TO ASK BIDS
BANK Est. Cost, $65,000
EAST SALINAS, Monterey Co., Cal. Alisal Street.
Construction of a one-story reinforced concrete bank building.
Owner—Monterey County Trust and Savings Bank, Alisal Branch.
Architect—Chas. E. Butner, 7 Winham St., Salinas.
Bids will be asked within 1 week.

9-10—EDUCATIONAL BUILDINGS

2/5/46 9
ARCHITECT SELECTED
SCHOOL BLDG. Est. Cost, $300,000
REEDSPORT, Oregon. Union High School District No. 13.
Construction of 1-story frame and brick veneer high school; concrete and maple flooring.
Owner—Union High School Dist. 13.
Architect—Freeman & Hayslip, 304 Postal Bldg., Portland.

2/6/46 • 9
BIDS WANTED
FRESNO, Fresno Co., Calif.—Until February 14, 5 P. M. (bids to be opened at 7:30 P. M. of that day), bids will be received by the Board of Education, Fresno City High School District, Fresno, for furnishing and installing fencing at the Fresno High School for the district. Bidder's guarantee of 10% to accompany each bid.

2/6/46 • 10
PREPARING WORKING PLANS
SCHOOL BLDGS. Cost, $300,000
DAVIS, Yolo County, Calif. Davis Campus.
Construction of a 2-story reinforced concrete, soils and irrigation building on the University of California Campus, Davis, Yolo County
Owner—The Regents of the University of California., Berkeley, Calif.
Architect—H. A. Thomsen Jr., 315 Montgomey St., San Francisco.

2/6/46 • • 9
TO PREPARE PLANS
SCHOOL ADDN. Cost, $65,000
SOQUEL, Santa Cruz Co., Cal. Soquel Grammar School.
Addition to present grammar school, including three classrooms and cafeteria.
Owner — Soquel Union Elementary School District, Soquel.
Architect—Chas. E. Butner, 7 Winham St., Salinas.

11—HOSPITALS

2/6/46 • • 11
STARTING WORKING DRAWINGS
COUNTY HOSPITAL Cost, $125,000
SANTA CRUZ, Santa Cruz Co., Cal.
Construction of county hospital: concrete walls and rigid asbestos shingle roof.
Owner—County of Santa Cruz. Board of Supervisors, Courthouse. Santa Cruz.
Architect—Chas. E. Butner, 7 Winham St., Salinas.

12-13—INDUSTRIAL BUILDINGS

2/6/46 • • 12
PLANS BEING FIGURED—
BIDS OPEN FEB. 14, 5 P. M.
FROZEN FOOD LOCKER
SAN ANSELMO, Marin Co., Calif. Greenfield Avenue.
Construction of one-story concrete and steel frozen food locker building (40x80-ft.).
Owner—J. J. Ongara, c/o Architect.
Architect—C. F. Gromme, Alberts Bldg., San Rafael.
Plans are being figured by a selected list of contractors.

2/6/46 • • 12
BIDS OPENED
CANDY FACTORY
SAN FRANCISCO. Ocean Ave. bet. 19th Ave. and Juniper.
Construction of two-story and basement reinf. concrete candy factory (50x80-feet).
Owner—Douglas Shaw.
Architect—Arthur D. Janssen, Austin Ave. and Patricia Dr., Atherton.
Low Bidder—Carrico & Gautier, 365 Ocean Ave., $101,695.
Complete bids were:
Carrico & Gautier, $101,695.
Erbentraut & Summers, $106,900.
De Luca & Son, $109,000.
Haas Constr. Co., $109,000.
Peter Sorensen, Redwood City, $110,900.
Midstate Constr. Co., $117,383.
C. F. Parker, $119,700.
Howes & Whitaker, $138,000.

2/6/46 • • 12
PLANNED
MFG. PLANT Est. Cost, $30,000
OAKLAND, Alameda Co., Cal. 10132 Edes Avenue.
Construction of a plant for the manufacture of Venetian blinds.
Owner—Mel's Venetian Blind Co., 2415 108th, Oakland.
Architect—Not Announced.

2/6/46 13
SUB-CONTRACTS AWARDED
SAN FRANCISCO.—Erbentraut & Summers, 446 6th St, awarded the following sub-contracts for the construction of two buildings, a receiver building, 12x14 ft., and a transmitter building, 12x26 ft., on Twin Peaks, San Francisco, for the Public Works Officer, U. S. Navy Yard, Mare Island, under Spec. 16747 at a cost of $10,863:
Plumbing—O'Mara & Stewart, 218 Clara St., San Francisco.
Electric Wiring—Manning & Whitaker, 375 9th St., San Francisco.
Sheet Metal—Morrison & Co., 74-76 Duboce Ave., San Francisco.
Mill Work—Minton Lumber Co., 599 Front St., Mt. View.
Hardware—T. W. Banford Co., 209 12th St., Oakland.
Painting—Allied Painters & Decorators, 5744 E. 14th St., Oakland.
Lathing and Plastering—A. Knowles, 516 Stanyan St., San Francisco.

2/6/46 • • 12
PROSPECTIVE BIDDERS
SAN FRANCISCO NAVAL Shipyard.—As previously reported, until February 7 11 A. M., bids will be received by the Public Works Office, Room 2110 Administration Bldg., San Francisco, under Spec. 17230 for expansion of sheet metal shop and addition to pipefitters' shop at the San Francisco Naval Shipyard.

The work involves construction of a two-story timber frame addition to building No. 217, and two-story additions, together with certain alterations t oBldg. No. 256 in timber construction, which shall be used for industrial shop purposes and which includes the demolition of some existing work, the relocation of partitions and walls, concrete, masonry, floor coverings, asbestos siding, magnesite flooring, ventilation and utilities, all within the Naval Shipyard, San Francisco.

Plans and specifications may be obtained from the officer in charge of construction, Room 2110 Administration Bldg., San Francisco Naval Shipyard, upon deposit of check or postal money order for $30, payable to Chief of the Bureau of Yards and Docks.

Following contractors have taken out plans:
S. M. Amoroso Constr. Co., 2100 Oakdale Ave., San Francisco.
James I. Barnes Constr. Co. ,941 Russ Bldg., San Francisco.
Barrett & Hilp, 918 Harrison St., San Francisco.
De Luca & Son, 1745 Filbert St., San Francisco.
Carrico & Gautier, 365 Ocean Ave., San Francisco.
Clinton Constr. Co., 923 Folsom St., San Francisco.
Erbentraut & Summers, 446 6th St., San Francisco.
M. J. King, Inc., 231 Franklin St., San Francisco.
Midstate Constr. Co., 1299 Bush St., San Francisco.
M & K. Corp., 200 Financial Center Bldg., San Francisco.
Parker, Steffens and Pearce, 135 South Park, San Francisco.

14-17—PUBLIC BLDGS.

2/6/46 • • 15
STARTING WORKING DRAWINGS
COUNTY BLDG. Cost, $65,000
WATSONVILLE, Santa Cruz County.
Construction of 1-story frame and stucco building to house county agricultural, courts and health clinic, justice of peace and social welfare offices.
Owner—County of Santa Cruz. Board of Supervisors, Courthouse. Santa Cruz.
Architect—Chas. E. Butner, 7 Winham St., Salinas.

20-21—SOCIAL AND RECREATIONAL BLDGS.

2/6/46 • • 21
PLANS BEING FIGURED—
BIDS OPEN FEB. 15, 4 P. M.
THEATRE
SALINAS, Monterey County, Calif.
Construction of reinforced concrete walls theatre building (50x130 ft.) to seat 500 persons; truss wood roof, cement floors, etc.
Owner—Withheld.
Architect—Francis E. Lloyd, 210 Post St., San Francisco.
Following cotractors are figuring plans:
Erbentraut & Summers, 446 Sixth St, San Francisco.
Stolte, Inc., 8451 San Leandro St., Oakland.
Howson Bros., Gilroy.
Carl N. Swenson Co., 355 Stockton Ave., San Jose.

22-26—RESIDENTIAL BUILDINGS

2/6/46 • • 22
STARTING WORKING DRAWINGS
INDIGENTS HOME Cost, $135,000
SANTA CRUZ, Santa Cruz Co., Cal.
Construction of indigents' home; concrete walls and rigid asbstos shingle roof.
Owner—County of Santa Cruz. Board of Supervisors, Courthouse. Santa Cruz.
Architect—Chas. E. Butner, 7 Winham St., Salinas.

2/6/46 26
UNITS APPROVED
LOS ANGELES, Calif. — Family dwelling units approved for Greater Los Angeles area by the FPHA as of January 25, by communities are as follows:

City of Alhambra	75
City of Burbank	*180
City of Covina	**20
Culver City	50
City of Glendale	100
City of Hawthorne	25
City of Inglewood	75
City of Long Beach	250
City of Los Angeles	1500
County of Los Angeles	***308
City of Pasadena	100
City of Santa Monica	100
City of South Gate	50
City of Whittier	50
	2883

*100 formerly approved.
**Formerly approved.
**Of the 308 units approved for Los Angeles County, the county is paying the total cost of removing 108 units from the Pomona fair grounds to the Maravilla housing project site east of Mednik St., between 1st St. and Floral Ave., and reconverting the barracks into family units at a cost estimated by the FPHA to be well under $1000 per unit. The remaining 200 units allotted to the County of Los Angeles will be brought in and erected with FPHA funds, the county to furnish the site

With reference to the above table, Langdon W. Post, director of Region VI of the FPHA, in the office of Stanley Abel, area managemnet supervisor of the authority in Los Angeles, stated that of the 250 units approved for Long Beach, 93 units will be obtained by reconversion of barracks on present site, 157 units to be moved in; Burbank, 58 units by reconversion of barracks on site, 22 units to be moved in; Santa Mnoica, 44 units by on-site reconversion, 56 to be moved in; Hawthorne, all 25 units to be obtained by on-site reconversion of barracks. Reconversion for some of these 220 on-site units will begin next week. Mr. Post stated that most "war apartment" units to be moved into this area would probably come from Portland, Ore.; surplus war housing units with furniture are available at that point, and shipment may be made by water.

As soon as the City of Los Angeles notifies the FPHA that the Griffith Park site has been prepared, the authority will bring in 750 new Quonset huts (converting to two dwelling units per hut or 1500 total) from Port Hueneme. Furniture, with the exception of stoves, will have to be provided by the city. Inasmuch as the city has title to the site, the FPHA, after units have been erected, will give title to the city and thereafter the city is responsible for future removal.

Under a ruling made January 24, the FPHA, where a community puts up all the money for on-site reconversion of barracks into dwelling units, will not count such units in the community's quota, and a community will therefore be eligible for its full quota over and above such paid-for units.

Mr. Post stated that FPHA is getting bona-fide contractors for the reconversion work, and will name contractors for work outside the City of Los Angeles next week. He further announced that allocations of units for educational purposes—to schools, etc.—will be made next week.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Parks, Airports and Playgrounds 36
Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

2/6/46 • • 31
BIDS OPENED
PETALUMA, Sonoma Co., Calif.—E. T. Haas Co., P. O. Box 411, San Mateo, at a total bid of $31,134.50 submitted low bid February 5, 11 A. M., to the U. S. Engineer Office, 74 New Montgomery St., San Francisco, under Spec. 2211 for additional water supply at Two Rock Ranch, Petaluma.

Complete bids were:
E. T. Haas Co., San Mateo (total bid) $31,134.50; (Alt.) $6,984; (item 1) $1.59; (2) $1.39; (3) $50; (4) $50; (5) $650; (7) $700.
R. J. Brant, 1222 Whipple Avenue, Redwood City (total bid) $32,230.50; (Alt.) $6935.50; (1) $1.67; (2) $1.43; (3) $65; (4) $35; (5) $800; (6) $700.
A. J. Downer, Stockton (total bid) $32,475; (Alt.) $6935.50; (1) $1.64; (2) $1.43; (3) $65; (4) $45; (5) $850; (6) $1000.
Guerin Bros., South San Francisco, (total bid) $33,184.50; (Alt.) $7149.50; (1) $1.63; (2) $1.47; (3) $25; (4) $75; (5) $1000; (6) $800.
A. J. Peters & Sons, San Jose (total bid) $33,948.60; (Alt.) $7323.50; (1) $1.68; (2) $1.51; (3) $70; (4) $90.30; (5) $1072; (6) $701.
Underground Constr. Co., Oakland (total bid) $39,823; (Alt.) $8827; (1) $2.06; (2) $1.77; (3) $87; (4) $81; (5) $718; (6) $989.
Stolte, Inc., Oakland, (total bid) $41,536; (Alt.) $9118; (1) $2.09; (2) $1.88; (3) $77.60; (4) $76; (5) $800; (6) $740.
E. J. Treacy, San Francisco (total bid) $56,462.50; (Alt.) $12,462.50; (1) $2.75; (2) $2.67; (3) $75; (4) $60; (5) $1600; (6) $1000.

33—BRIDGES

2/6/46 • 33
COST OF PLANS
SOLANO COUNTY, Calif.—Geo. T. McCoy, State Highway Engineer, Sacramento, has announced cost of plans and specifications for repairing a bridge fender across the Napa River at west city limit of Vallejo, Solano County, for which bids will be opened Feb. 27, 2 P. M.:

IV-C.C-75,106-E,Cnd,C, bet. Concord Ave. and 0.4 mile west of Ohmer Station: Plans, incl. sales tax, $6.15; Cross Sections, incl. sales tax, $6.00; Total, incl. sales tax, $12.15.

X-Sol-208-A, across the Napa River at west city limits of Vallejo: No charge.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications, and proposal form must be addressed to the above office of the State Highway Engineer, P. O. Box 149, Sacramento.

2/6/46 33
TO PREPARE PLANS
OROVILLE, Butte Co., Calif.—Bert Paxton, Butte County consulting engineer, has been authorized by the Board of Supervisors to employ the engineers of the Warren Bridge Co. of San Francisco to draw plans and specifications for a new bridge to replace the old Bidwell Bar suspension span.

The bridge will be either a 24- or 26-foot wide steel structure, approximately 200 feet long. The board's order set no time for completion of the span, but authorized Paxton to advertise for bids for immediate construction upon the acceptance of the designs.

39—SEWERS

2/6/46 • 39
FWA APPLICATION FILED
BELLINGHAM, Wash.—The City of Bellingham, Wash., E. W. Gooch, city engineer, has filed application for $5940 federal advance planning funds for sewer system addition for sewer facilities, extending south side sanitary sewers. Work to include acquisition of land and all work necessary for the completion of the project; estimated cost, $160,443.

2/6/46 • 39
NEW BIDS WANTED
RIVERSIDE, Calif.—Until Feb. 19, 10 A. M., new bids will be received by the City Council, City of Riverside, office of the city clerk, City Hall, Riverside, for the construction of a sanitary sewer and vitrified clay pipe with wey branches and manholes, in Greenfield Ave. from Jurupa Ave. to a point 1000 ft. northerly from Jurupa Ave. Plans and specifications are available from the office of the city engineer, City Hall, Riverside.

The work involves:
(1) 1000 lin. ft 6-in. vitrified clay pipe;
(2) 2 manholes;
(3) 27 wyes.

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1 1938 WHITE LUMBER TRUCK (3-5 tons).
1 HYSTER TOWING WINCH for D 6 Caterpillar.
1 NOVO PUMP with new hose and strainers.
Peninsula Pacific Construction Co., Spring and Chestnut Sts., Redwood City. Phone 1722. to Feb. 7, '46

180 tons 1-, 1⅛-, 1¼-in. square REINFORCING STEEL. Government Surplus Stock. Available at yard of San Jose Steel Co., 195 North 30th St., San Jose. Phone Columbia 4184. (2/5-6-7-8-11/45)

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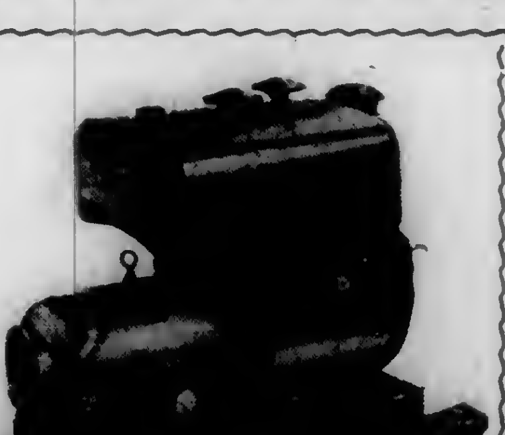

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...ALL BUILDINGS AND STRUCTURES OF THIS GREAT 14-WAY SHIPYARD

★ The California Shipbuilding Corporation has been authorized by the United States Maritime Commission to demolish the shipyard facilities located at Terminal Island. These facilities were built for the emergency production of cargo vessels and consist of the shops, offices, ways, and all other buildings and structures which formed the second largest emergency shipyard in the United States.

These buildings and structures are now being offered for sale in order that the vital materials which are incorporated in the facilities may be available for use in West Coast Construction activities. You may find many of these buildings exactly fit your requirements, as they are—others, adaptable to modification for use as industrial plants or warehouses.

Here is an opportunity to acquire complete structures, or materials for construction at reasonable prices. Many of the structures are vacated and ready for immediate demolition and the others will become available at regular intervals. There is no red tape between sale and delivery. Deliveries must be taken at Terminal Island.

Your inquiries are invited. For inspection of the properties, or for additional information, write or wire.

Facilities Sales Division
CALIFORNIA SHIPBUILDING CORPORATION
P. O. BOX 966, WILMINGTON, CALIFORNIA

ADVANCE CONSTRUCTION REPORTS

2/6/46 • 39
FUNDS AWARDED
SEWER SYSTEM Est. Cost, $92,200
TUOLUMNE COUNTY, Calif.

Construction of a new sanitary sewer collection system to consist of approximately 42,140 lin. ft. of 6-in. and 3-in. vitrified clay pipe, together with a disposal plant and all necessary appurtenances.

Owner—Board of Directors of Tuolumne Sanitary District, Roy C. Cullers, director.

Engineer—B. H. Maynard, Sonora, Calif.

The Bureau of Community Facilities, Federal Works Agency, 2223 Fulton St., Berkeley, Calif., awarded funds in amount of $2250 to assist in preparation of plans.

2/6/46 • 39
BOND ELECTION PLANNED

WATSONVILLE, Santa Cruz Co., Calif.—City Engineer H. B. Kitchen, 268 Main St., Watsonville, is preparing plans for construction of sewage system estimated to cost $125,000 for the City of Watsonville, City Hall, Watsonville.

A bond election will be held in late spring to finance construction.

2/6/46 • 39
FWA APPLICATION FILED

VANCOUVER, Wash.—The City of Vancouver, Stevens & Koon, consulting engineers, Spalding Bldg., Portland, Ore., has filed application for $12,500 federal advance planning funds for storm sewer system for sewer facilities, west side storm relief sewers. Work to include acquisition of land and all work necessary for the completion of the project; estimated cost, $711,000.

2/6/46 • 34
BIDS WANTED

SHOSHONE PROJ., Wyo. — Until March 7, 10 A. M., bids will be received by the Department of the Interior, Bureau of Reclamation, Denver, under Spec. No. 1164 for furnishing labor and materials and performing all work for the construction of earthwork and structures, Heart Mountain Canal, station 1227 plus 00 to station 1411 plus 50; lateral H-65-12 extension, station 88 plus 60.78 to station 155 plus 00; laterals H-122, H-130, H-136, H-141, H-141-1, and H-147-17; Alkali Creek drain, storm water drain "A", and storm water drain "C", Heart Mountain Division, Shoshone Project, Wyo. The work is situated 4 to 17 miles northerly from Cody, Wyo.

The principal items of work and the estimated quantities involved are as follows:

Schedule No. 1

Heart Mountain Canal, Sta. 1227 plus 00 to Sta. 1411 plus 50, laterals H-122, H-130, H-136, H-141, H-141-1, and H-141-17.

(1) 149,000 c.y. common excav. for canal;
(2) 500 c.y. rock excav. for do;
(3) 4,300 c.y. compacting embankments;
(4) 3,900 sta. c.y. of overhaul;
(5) 9,600 c.y. common excav. for side drains and dikes;
(6) 100 c.y. rock excav. for do;
(7) 2,450 c.y. common excav. for structures;
(8) 100 c.y. rock excav. for do;
(9) 650 s.y. trimming foundation for concrete lining;
(10) 5,950 c.y. backfill;
(11) 2,400 c.y. compacting backfill;
(12) 675 s.y. dry-rock paving;
(13) 72 c.y. concrete in canal lining;
(14) 1,000 cy. concrete in structures;
(15) placing 110,000 lbs. reinf. bars;
(16) erecting 46 M FBM timber in structures;
(17) laying 634 l.f. 18-in. diam. conc. pipe;
(18) laying 28 l.f. 24-inch do;
(19) laying 68 l.f. 36-inch do;
(20) laying 78 l.f. 18-in. diam. corru. metal pipe;
(21) installing 15,000 lbs. gates and hoists;
(22) installing 4,800 lbs. misc. metalwork.

Schedule No. 2
Alkali Creek Drain

(1) 494,000 c.y. common excav. for drains;
(2) 500 c.y. rock excav. for do;
(3) 550 c.y. compacting embankment;
(4) 500 sta. c.y. overhaul;
(5) 100 c.y. common excav. for side drains and dikes;
(6) 10 c.y. rock excav. for do;
(7) 1000 c.y. common excav. for structures;
(8) 100 c.y. rock excav. for do;
(9) 4700 c.y. backfill;
(10) 1000 c.y. compacting backfill;
(11) 150 s.y. dry-rock paving;
(12) 310 c.y. concrete in structures;
(13) placing 28,0040 lbs. reinf. bars;
(14) erecting 110 M FBM timber in structures;
(15) driving 5070 l.f. timber piles;
(16) erecting 45 l.f. No. 156 metal flume;
(17) laying 312 l.f. 18-in. diam. corru. metal pipe;
(18) laying 130 l.f. 24-inch do.

Schedule No. 3

Lateral H-65-12 extension, Station 88 plus 60.78 to Station 155 plus 00, storm water drain "A" and storm water drain "C".

(1) 31,600 c.y. common excav. for canal;
(2) 100 c.y. rock excav. for do;
(3) 50 c.y. compacting embankment;
(4) 1250 sta. c.y. overhaul;
(5) 33.000 c.y. common excav. for drains;
(6) 100 c.y. rock excav. for do;
(7) 650 c.y. common excav. for side drains and dikes;
(8) 50 c.y. rock excav. for do;
(8) 350 c.y. common excav. for structures;
(10) 25 c.y. rock excav. for do;
(11) 1500 c.y. backfill;
(12) 350 c.y. compacting backfill;
(13) 250 s.y. dry-rock paving;
(14) 216 c.y. concrete in structures;
(15) placing 13,000 lbs. reinf. bars;
(16) erecting 22 M FBM of timber in structures;
(17) driving 882 l.f. of timber piles;
(18) laying 32 l.f. 18-in. diam. conc. pipe;
(19) laying 286 l.f. 18-in. diam. corru. metal pipe;
(20) installing 250 lbs. of gates and gate hoists;
(21) installing 100 lbs. of misc. metalwork.

This invitation for bids does not cover the purchase of materials which are to be furnished by the Government. Materials to be furnished by the contractor and those furnished by the Government are described in the specifications which will be a part of the contract.

No charge to prospective bidders for copies of the specifications and drawings; to others, $2.75 per copy, not returnable.

Specifications obtainable from the above office.

34—DAMS, RESERVOIRS & DREDGING

2/6/46 • 34
FUNDS AWARDED
DAM Estimated Cost, $5,576,000
BOULDER COUNTY, Colorado.

Construction of dam about 350 feet high on South Boulder Creek, between Pine Cliff and Eldorado Springs, forming a reservoir about 67,800 acre feet capacity with all necessary appurtenances

Owner — State of Colorado, G. F. Hughes, executive secretary, Board of Water Commissioners.

Engineers—D. D. Gross, P. O. Box 629, Denver, Colo.

The Bureau of Community Facilities, Federal Works Agency, 2223 Fulton St., Berkeley, Calif., awarded funds in amount of $50,000 to assist in preparation of plans.

2/6/46 • • 34
BIDS WANTED

SACRAMENTO COUNTY, Calif.—Until Feb. 15, 2 P. M., bids will be received by the U. S. Army Engineer Office, Wright Bldg., Sacramento, under Spec. 1208 for levee setback at six locations on the San Joaquin River:

The work involves:
(1) 155,185 c.y. excav. and grading;
(2) 7760 M. gals. water for compaction and sprinkling:
(3) 1.700 l.f. remove and reconstruct existing fence.

35— DOCKS, PIERS & HARBORS

2/6/46 • 35
CONTRACT AWARDED

BREMERTON, Wash.—Scheumann & Johnson, Lloyd Bldg., Seattle, at $442,441, were awarded contract by Capt. E. B. Keating, officer in charge of construction, Public Works Division, Bldg. 78, Puget Sound Navy Yard, Bremerton, under Spec. 16857 for furnishing all labor and materials and performing all work for subdivision of dry dock No. 3, Puget Sound Navy Yard, Bremerton.

38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

2/6/46 • 38
BIDS WANTED

VALLEJO, Solano Co., Calif.—Until February 13, 10 A. M., bids will be received by the Vallejo City Council, City Hall, Vallejo, Calif., for the construction of a traffic signal system on the public streets of the City of Vallejo, consisting of automatic traffic signals and all the appurtenant and accessory parts thereof, including all materials, labor, apparatus and equipment therefor, complete and ready for operation.

Specifications obtainable from the above office.

40— STREETS AND HIGHWAYS

2/6/46 • 40
CONTRACT AWARDED

NEW MEXICO STATE HIGHWAY.—F. G. Healy, state highway engineer, Capitol Bldg., Santa Fe, N. M., received bids January 26 and action was taken as noted below for highway improvements in various counties, as follows:

New Mexico Project No. FI-3 (5), located in Santa Fe County on U. S. Highway Route No. 85, between Santa Fe and Canoneito, approximately 7.687 miles. The proposed work consists of grading minor drainage structures, four multiple concrete box culverts each over 20-ft. clear span, base surfacing, bituminous top course surfacing and miscellaneous construction. Skousen Construction Co. awarded contract at $493,895.

New Mexico Project No. S-58 (3), located in Union County on New Mexico Highway Route No. 58, between Springer and Clayton, approximately 10.298 miles. The proposed work will consist of grading and shaping present roadbed, watering and rolling, placing ballast and leveling course and bituminous top course surfacing and miscellaneous construction. Northwestern Engineering Co., Rapid City, S. D., low at $143,488. Bid rejected.

New Mexico Project No. S-87 (1), located in Santa Fe County on New Mexico Highway Route No. 4, between Otowi and Popoaque, approximately 7.297 miles. The proposed work will consist of grading, minor drainage structures, 4 multiple concrete box culverts each of 20-ft. clear span, ballast, leveling course and miscellaneous construction. E. M. Silver and G. I. Martin, Albuquerque, N. M., awarded contract at $277,129.

New Mexico Projects No. F-110 (2) and F-139 (4), located in Luna County on N. M. Highway Route No. 11, between Deming and Columbus, approximately 7.4 miles. The proposed work will consist of grading, minor drainage structures, 2 multiple concrete box culverts each of 20-ft. clear span, watering and rolling, leveling course, ballast, bituminous top course, surfacing and miscellaneous construction. Walter L. Denison, Albuquerque, N. M., was awarded contract at $127,984.

New Mexico Project No. F-186 (4), located in San Juan County on N. M. Highway Route No. 44, between Aztec and Bloomfield, approximately 7.571 miles. The proposed work will consist of grading, minor drainage structures, two multiple concrete box culverts each over 20-ft. clear span, watering and rolling, leveling course, ballast and miscellaneous construction. F. M. Limbaugh, Albuquerque, N. M., was awarded contract at $229,881.

New Mexico Project No. S-214 (14), located in Santa Fe County on N. M. Highway Route No. 10, between Santa Fe and Madrid, approximately 0.5 mile. The proposed work will consist of grading, minor drainage structures, one 290-span concrete and steel bridge, watering and rolling, leveling course, ballast, bituminous top course surfacing and miscellaneous construction. J. H. Ryan, Albuquerque, N. M., submitted the low bid at $185,343. Bid was rejected.

2/6/46 • 40
BIDS OPENED

INYOKERN, Calif.—Haddock Engineers, Ltd., 129 W. 2nd St., Los Angeles, at $846,809, submitted low bid under Spec. 17379 and was recommended for award by the U. S. Navy, officer in charge of construction, U. S. Naval Ordnance Test Station, Inyokern, for the construction of miscellaneous buildings, paving and utilities in area "K," hangar No. 2 (Yakutat); paving and utilities and a supersonic building and appurtenances thereto at the U. S. Naval Ordnance Test Station, Inyokern; Specification 17379, NOy 13211. The project involves the following buildings: firing barricade, observation building, magazine, spotting tower and spotters' shelters, garage, roads, water tank, pumphouse and sewage disposal, temperature control building and Yakutat type hangar, complete with underground steam conduit, paved apron, roads, ramp, etc. The supersonic building will be of reinforced concrete construction with all services.

Complete total bids were:

Haddock Engineers, Ltd., $846,809.

James I. Barnes Construction Co., 1119 Montana Ave., Santa Monica, $893,000.

Johnson, Drake & Piper, 1415 Latham Square Bldg., Oakland, $1,114,300.

(Continued on Page Four)

BUY U. S. WAR BONDS

15-MILE LAP, FRIANT-KERN CANAL; SPEC. 1148

CENTRAL VALLEY PROJECT, Friant-Kern Canal. — Bechtel Bros.-McCone, 220 Bush St., San Francisco, at $267,805 on Schedule No. 1 only, and Peter Kiewit Sons Co., 442 Post St., San Francisco, at $1,721,584 on alternate bid on Schedule 2, and at $1,656,021.85 on alternate bid on Schedule 3, submitted apparent low bids February 5, 10 A. M., to the U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Friant, under Spec. 1148 for construction of the next 15-mile lap of the Central Valley Project's 160-mile Friant-Kern Canal, Friant Division, Central Valley Project, California; Specification No. 1148.

The work, in general, consists of the construction of earthwork, concrete lining and structures, station 301 plus 60 to station 1144 plus 00, and wastway at station 298 plus 66. The work is situated from 14 miles north to 15 miles east of Fresno, Calif. Guarantee will be required with each bid in an amount not less than 10 per cent of the amount of the bid. Completion time, 600 days.

The work involves:

Schedule No. 1

Little Dry Creek wasteway, station 298 plus 66 and Little Dry Creek siphon, station 301 plus 60 to station 311 plus 27.87.

(1) 1000 cu. yds. excavation, common, for structures;
(2) 24,500 cu. yds. excavation, rock, for structures;
(3) 18,000 cu. yds. backfill;
(4) 3000 cu. yds. compacting backfill;
(5) 6420 cu. yds. concrete in structures;
(6) 1,760,000 lbs. placing reinforcement bars;
(7) 11,000 lbs. placing metal water stops in joints;
(8) 100 sq. ft. placing elastic joint-filler material;
(9) 115,000 lbs. installing gates and gate hoists;
(10) 3500 lbs. installing miscellaneous metal work;
(11) 150 lin. ft. installing electrical metal conduit;
(12) 100 lbs. installing electrical conductors and ground wires;

Schedule No. 2

Earthwork, canal lining and structures, station 311 plus 27.87 to station 710 plus 00.

(13) 575,000 cu. yds. excavation, common, for canal;
(14) 1,400,000 cu. yds. excavation, rock, for canal;
(15) 19,000 sta. cu. yds. overhaul;
(16) 83,500 cu. yds. compacting embankments;
(17) 83,000 cu. yds. excavation, common, for drainage channels and dikes;
(18) 70,000 cu. yds. excavation, rock, for drainage channels and dikes;
(19) 10,500 cu. yds. excavation, common, for structures;
(20) 6500 cu. yds. excavation, rock, for structures;
(21) 320,000 sq. yds. preparing rock foundations for concrete lining;
(22) 80,000 sq. yds. trimming earth foundations for concrete lining;
(23) 7000 cu. yds. backfill;
(24) 6000 cu. yds. compacting backfill;
(25) 400 sq. yds. dry-rock paving;
(26) 1470 cu. yds. concrete in structures;
(27) 38,400 cu. yds. concrete in canal lining;
(28) 2,200,000 lbs. placing reinforcement bars;
(29) 105 sq ft. placing elastic joint-filler material;
(30) 85 lin. ft. placing rubber water stops;
(31) 100 M ft. b.m. erecting timber in structures;
(32) 800 lbs. installing miscellaneous metal work;
(33) constructing 10 cattle guards;
(34) 10.8 miles constructing barbed-wire right-of-way fence;
(35) 4 miles constructing combination barbed-wire and woven-wire right-of-way fence;

Schedule No. 3

Earthwork, canal lining and structures, station 710 plus 00 to station 1144 plus 00.

(36) 840,000 cu. yds. excavation, common, for canal;
(37) 590,000 cu. yds. excavation, rock, for canal;
(38) 83,000 sta. cu. yds. overhaul;
(39) 114,500 cu. yds. compacting embankments;
(40) 252,000 cu. yds. excavation, common, for drainage channels and dikes;
(41) 15,500 cu. yds. excavation, rock, for drainage channels and dikes;
(42) 12,000 cu. yds. excavation, common, for structures;
(43) 4000 cu. yds. excavation, rock, rock, for structures;
(44) 234,000 sq. yds. preparing rock foundations for concrete lining;
(45) 164,000 sq. yds. trimming earth foundations for concrete lining;
(46) 6500 cu. yds. backfill;
(47) 5000 cu. yds. compacting backfill;
(48) 500 sq. yds. dry-rock paving;
(49) 560 cu. yds. rock fill;
(50) 4825 cu. yds. concrete in structures;
(51) 38,200 cu. yds. concrete in canal lining;
(52) 2,900,000 lbs. placing reinforcement bars;
(53) 11,500 lbs. placing metal water stops in joints;
(54) 1330 sq. ft. placing elastic joint-filler material;
(55) 405 lin. ft. placing rubber water stops;
(56) 185 M ft. b.m. erecting timber in structures;
(57) 120 lin. ft. laying 48-in. diameter corrugated metal pipe;
(58) 3000 lbs. installing miscellaneous metal work;
(59) constructing 22 cattle guards;
(60) 9.8 miles constructing barbed-wire right-of-way fence;
(61) 4.8 miles constructing combination barbed-wire and woven-wire right-of-way fence;
(62) 28,500 lin. ft. construct underdrains with uncemented joints;
(63) 20,000 lin. ft. construct feeder drains.

Complete total bids were:

(A) Bechtel Bros. McCone, San Francisco (Sched. 1 only), $267,805.
(B) Peter Kiewit Sons Co., San Francisco (Sched. 1), $461,159.50; (alt. bid Sched. 1), $460,517.50; (Sched. 2), $1,820,334; (alt. bid, Sched 2), $1,721,584; (Sched 3), $1,727,521.85; (alt. bid), $1,656,021.85; total on main bid, $4,009,015.35; total on alternate bids, $3,838,123.35.
(C) George Pollock Co., Sacramento (Sched 3 only), $1,689,255.
(D) Morrison-Knudsen Co., Inc., and M. H. Hasler, Los Angeles (Sched. 1), $295,030; (Sched. 2), $1,762,229; (Sched. 3), $1,818,300; total bid, $3,875,629.
(E) Rhoades Bros. & Shofner and Shofner & Gordon & Hinman, Los Angeles (Sched. 1), $320,065; Sched. 2), $1,791,847.50; (Sched. 3), $1,785,167.50; total bid, $3,897,090.
(F) Arizona - Nevada Constructors (Sched. 1), $350,543; (Sched. 2), $1,775,821.75; (Sched. 3), $1,788,342.55; total bid, $3,914,707.50.
(G) Guy F. Atkinson Co., San Francisco (Sched. 1), $362,980; (Sched. 2), $1,996,158; (Sched. 3), $1,716,300; total bid, $4,075,438.50.
(H) Bressi & Bevanda Constructors, Inc., Los Angeles, and W. E. Kier Construction Co., San Diego (Sched. 1), $339,635; (Sched. 2), $2,064,850; (Sched. 3), $1,780,927.50; total bid, $4,175,412.50.
(I) H. Earl Parker, Larson Bros. and Harms, Sacramento (Sched. 1), $442,675; (Sched. 2), $2,104,872.50; (Sched. 3), $1,814,290; total bid, $4,361,837.50.
(J) Pacific Bridge Co., San Francisco (Sched. 1), $641,575; (Sched. 2), $2,824,268; (Sched. 3), $2,951,252; tota lbid, $6,417,095.
(K) Grace - Callaghan Construction Co., Mark C. Walker & Sons Co. and Gunther & Shirley Co., Los Angeles (Sched. 1), $655,966; (Sched. 2), $3,076,801.55; (Sched. 3), $3,045,215.05; total bid, $6,777,982.60.

The following stipulations were made regarding acceptance of contract: Grace-Callaghan Construction Co., Mark C. Walker & Sons Co. and Gunther & Shirley Co., Los Angeles, will accept Schedules 1, 2 and 3 or 2 and 3 only; Arizona-Nevada Constructors will accept all three schedules or schedules 2 and 3; Morrison-Knudsen Co., Inc., and M. H. Hasler, Los Angeles, will accept Schedules 1, 2 and 3 or 2 and 3; H. Earl Parker, Larson Bros. & Harms, Sacramento, will not accept Schedule 1 without 2 and 3, and will not accept 2 without 3 and will not accept 3 without 2; Guy F. Atkinson Co., San Francisco, will accept only on Schedules 1, 2 and 3 combined or 2 and 3 combined; Pacific Bridge Co., San Francisco, will accept all or none; Peter Kiewit Sons Co., San Francisco, will accept 1 only if awarded 2 and/or 3, if awarded 1, 2 and 3, deduct from unit price item 5, Schedule 1, 10 cents per cu. yd., if awarded 2 and 3 reduce items 1, 3 and 14 of Schedule 2 to 43 cents, if awarded Schedule 3 in combination with Schedule 2 reduce items 36 and 37 to 35 cents; Rhoades Bros. & Shofner and Shofner & Gordon & Hinman, Los Angeles, if awarded Schedules 1, 2 and 3 deduct from item 5 50 cents per cu. yds. and from items 21, 22, 44 and 45 deduct 5 cents sq. yd. and from items 27 and 51 deduct 50 cents per cu. yd. totaling $81,410, if awarded Schedules 2 and 3 only deduct from items 21 and 22, 44 and 45 5 cents per sq. yd. and from 27 and 51 50 cents per cu. yd.; total $78,200.

Unit prices were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)	$2.00	$4.00	$	$1.70	$1.50	$1.20	3.50	$1.50	$3.00	$2.75	$3.00
(2)	2.00	4.00	......	1.70	1.50	1.20	3.50	1.50	3.00	2.75	6.00
(3)	.60	.80	......	.35	.40	.90	.75	.50	1.00	1.50	.56
(4)	2.50	3.55	......	2.00	1.60	1.80	3.00	3.00	1.00	5.60	2.60
(5)	21.00	37.00	......	29.00	31.00	34.15	29.50	33.00	35.00	60.00	65.00
(6)	.03	.045	......	.025	.035	.04	.026	.035	.06	.06	.03
(7)	10.00	.40	......	.20	.12	.12	1.50	.30	.20	.14	.05
(8)	.06	.52	......	1.00	1.00	1.20	.07	1.00	.50	1.10	.86
(9)	.08	.10	......	.055	.06	.06	.30	.05	.10	.20	.12
(10)	.10	.15	......	.30	.20	.06	1.00	.15	.25	.15	.85
(11)	.50	1.65	......	1.50	.50	.60	.80	1.00	1.00	.50	1.50
(12)	1.00	.25	......	1.00	1.00	.60	.02	1.00	1.00	1.00	3.50
(13)	....	.48	......	.42	.43	.48	.52	.55	.54	.68	.75
(14)	....	.48	......	.42	.43	.48	.52	.55	.54	.68	.75
(15)	....	.02	......	.02	.05	.015	.03	.05	.03	.02	.02
(16)	....	.40	......	.20	.26	.20	.22	.20	.25	.18	.22
(17)	....	.48	......	.50	.50	.50	1.15	.80	1.00	1.20	.81
(18)	....	.48	......	.50	.50	.50	1.15	.80	1.00	1.20	1.30
(19)	....	1.90	......	2.25	2.50	1.30	2.25	2.00	2.50	2.75	3.60
(20)	....	1.90	......	2.25	2.50	1.30	2.25	2.00	2.50	2.75	6.00
(21)	....	.52	......	.67	.58	.49	.48	.60	.50	1.03	1.50
(22)	....	.52	......	.67	.58	.49	.48	.60	.50	1.03	.75
(23)	....	.85	......	.45	.30	.70	.50	.30	.50	1.50	.56
(24)	....	3.40	......	2.00	1.60	2.00	3.00	3.00	1.00	5.60	2.60
(25)	....	10.00	......	6.00	6.00	10.00	8.00	7.00	7.00	9.50	5.30
(26)	....	52.00	......	55.00	36.00	27.00	48.00	48.00	45.00	60.00	70.00
(27)	....	8.25	......	9.00	11.00	9.75	9.80	10.00	10.00	13.20	15.00
(28)	....	.038	......	.03	.025	.23	.027	.03	.06	.06	.03
(29)	....	.75	......	1.00	1.00	1.40	1.50	1.00	.50	1.20	.86
(30)	....	1.45	......	2.00	2.50	.35	2.50	1.00	1.00	1.20	2.25
(31)	....	78.00	......	85.00	90.00	100.00	65.00	100.00	100.00	140.00	75.00
(32)	....	.35	......	.30	.20	.15	.40	.25	.25	.15	1.00
(33)	....	295.00	......	165.00	200.00	125.00	200.00	250.00	400.00	150.00	150.00
(34)	....	340.00	......	780.00	800.00	250.00	600.00	500.00	800.00	2100.00	1500.00
(35)	....	680.00	......	970.00	1100.00	250.00	800.00	700.00	1000.00	2500.00	2500.00
(36)	....	.40	.43	.42	.41	.48	.392	.45	.42	.68	.75
(37)	....	.40	.43	.42	.41	.48	.392	.45	.42	.68	.75
(38)	....	.02	.01	.02	.05	.015	.03	.05	.03	.02	.02
(39)	....	.40	.18	.20	.26	.20	.22	.20	.25	.18	.22
(40)	....	.35	.30	.50	.30	.50	.55	.45	.33	1.20	.81
(41)	....	.35	.30	.50	.65	.50	.55	.45	.80	1.20	1.30
(42)	....	1.90	2.50	2.25	3.50	1.30	1.75	2.00	2.00	2.75	3.50
(43)	....	1.90	2.50	2.25	3.50	1.30	1.75	2.00	2.00	2.75	6.00
(44)	....	.52	.50	.67	.56	.49	.45	.45	.50	1.03	1.50
(45)	....	.52	.50	67	.56	.49	.45	.45	.50	1.03	.75
(46)	....	.85	.50	.45	.30	.70	.50	.30	.50	1.50	.56
(47)	....	3.40	1.00	2.00	1.60	2.00	3.00	3.00	1.00	5.60	2.60
(48)	....	10.00	5.00	6.00	8.00	10.00	8.00	7.00	7.00	9.50	5.30
(49)	....	5.00	4.00	6.00	3.50	3.40	4.80	3.00	5.00	12.00	5.50
(50)	....	39.00	35.00	44.00	38.00	29.00	45.00	41.50	40.00	60.00	70.00
(51)	....	9.50	8.00	9.00	11.50	9.75	9.80	10.00	10.00	13.20	15.00
(52)	....	.038	.0225	.03	.025	.03	.027	.03	.06	.06	.03
(53)	....	.42	.15	.20	.08	.15	.65	.30	.15	.14	.05
(54)	....	.52	1.00	1.00	1.00	1.40	1.50	1.00	.50	1.20	.86
(55)	....	1.45	2.00	2.00	2.50	.35	2.50	1.00	1.00	1.20	2.25
(56)	....	78.00	65.00	85.00	90.00	100.00	65.00	100.00	100.00	140.00	75.00
(57)	....	2.80	3.00	2.50	3.50	6.00	3.00	7.00	4.00	3.00	6.00
(58)	....	.35	.15	.30	.20	.15	.30	.25	.25	.15	1.00
(59)	....	295.00	300.00	165.00	200.00	125.00	200.00	250.00	400.00	150.00	150.00
(60)	....	340.00	750.00	780.00	800.00	250.00	600.00	500.00	800.00	2100.00	1500.00
(61)	....	680.00	1000.00	970.00	1000.00	250.00	800.00	700.00	1000.00	2500.00	2500.00
(62)	....	1.20	3.00	1.30	1.10	1.00	.85	1.00	1.00	2.40	2.50
(63)	....	.80	3.00	1.00	1.00	1.00	.85	1.00	1.00	1.50	2.00

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Building Permits, Contracts---Recorded Notices

BUILDING PERMIT Applications $500 AND OVER

SAN FRANCISCO

CLASS "C" MOTOR TRUCK BLDG., $48,000; E Folsom 112 S 18th St; owner, Edward W Engs Jr, 11th and Howard; builder, J S Maliock, 1360 Montgomery St.

ALTER MARKET, $7500; NE corner 16th and Mission Sts; owner, Ganson's Market, premises; builder, Thermal Insulation Co, 2351 Jerrold Ave.

1-STORY FRAME DWELLINGS (5), $4800 each; N DeLong 100, 125, 150, 175, 200 W Head; owner and builder, F C Frank and E Vignati, 4645 Mission St.

ALTER STORE, $4000; 1177-81 Market St; owner, J M Long, c/o contractor; builder, Moore & Roberts, 693 Mission St; engineer, De Martini & Igas, 785 Market St.

ALTER COCKTAIL LOUNGE, $3000; 333 O'Farrell St; owner, Lambert Realty Co, 23 Mars; builder, Wm Horstmeyer Co, 23 Mars.

ALTER STORES and FLATS, $2000; 4760 Mission St; owner, Thomas Vaierga, 4666 Missoin St; builder, Bosnos Construction Co, 4666 Mission St.

ALTER OFFICES and STORES, $1500; 677 Market St; owner and builder, Lauriston Investment Co, 675 Market St.

ALTER MANUFACTURING PLANT $1500; 149 2nd St; owner, Archie I Block, 163 2nd St; builder, Oscar Presco & Sons, 250 Langton St.

ALTER APARTMENTS, $1000; 1101 Filbert St; owner, Mrs Margaret Doubias, 1439½ Sacramento St; builder, O C Montandon, 2347 Vallejo St.

ALTER DWELLING, $1000; 140 Park St; owner, Augustus Bosnos, prem; builder, Bosnos Construction, 4666 Mission St.

ALTER FLATS, $900; 406 Clayton St; owner, D Arseneff, prem; builder, Coast Construction, 2172 Market.

ALTER DWELLING, $800; 361 Faxon Ave; owner and builder, Henry Gellfuss, premises.

ALAMEDA

ALTERATIONS, $1000; 1649 Everett St; owner and builder, E Kinkade, 1649 Everett St.

2-STORY 17-ROOM APARTMENT, $18,500; 1320 Union St; owner, J Ferro, 2105 Lincoln Ave; builder, W F Beckett, 604 Latham Square Bldg., Oakland.

DWELLING INTO CHURCH, $2500; 2135 Central Ave; owner, First South Baptist Church, 2135 Central Ave; builder, D C McDonald, 3237 Encinal Ave.

ADDITION AND ALTERATIONS, $1500; 731 Lincoln Ave; owner and builder, Albert Swanson, 731 Lincoln Ave.

CLEANING PLANT, $19,000; 2420 Lincoln Ave; owner, John Anthony Bernardi; builder, A Russello, 1809 14th Ave; plans by Harvey Slocombe.

ALTERATIONS, $1400; 1246 Hawthorne; owner, J D Wagner, 1246 Hawthorne; builder, Samuel Lee, 3006 Thompson Ave

ALTERATIONS, $1444; 621 Lincoln Ave; owner, Mr Bonomini, 621 Lincoln Ave; builder, Pioneer Builders, 516 San Pablo Ave, Albany.

FOUNDATION, $1450; 3260 Madison St; owner, Martin C Kauffman, 3231 Fernside Blvd; builder, C J Connolly, 123 Central.

ALTERATIONS, $750; 1912 Stanford St; owner and builder, Douglas L Winchester, 1912 Stanford St.

FIREPLACE AND FLUE, $500; 1901 Park St; owner and builder, Carl M Reid, 1901 Park St.

1-STORY 8-ROOM DUPLEX, $6500; 1228-1230 Pease Ave; owner and builder, Loren J Taylor, 1225 Pearl.

OAKLAND

ADDN to bank, $40,911; 7327-33-35 MacArthur Blvd; owner, Bank of America, 7335 MacArthur Blvd; contractor, Haas Constr Co, 328 Merchants Exchange Building, San Francisco; plans by Capital Co, 1 Powell St, San Francisco.

DWELLINGS, two 1-story 5-room, $4000 each; 1311-1315 94th Ave; Owner and Builder—J M Walker, 1631-D University Ave, Berkeley. Architect—Paul Hammarberg, No 2 Norwood Ave, Berkeley.

ADDITION, 1-story concrete, $5,000; 2230 Valley St; owner, Broadway Bowling Co, prem; contractor, Van Bokkelen-Cole Co, 955 22nd Street; architect, H Schary, 409 15th St.

DWELLING, 2-story 7-room, $9500; 38 Selkirk St; owner and builder, Chas Manning, 6285 Sunnymere.

DWELLING, 1-story 6-room, $8500; 2716 Dornby Dr; owner, Grace K Brown, 29 Chelton Dr; contractor, Robert R Rust, 6540 Moraga Ave.

ALTER and addn, $3500; 2743 San Pablo Ave; owner, Borden's Dairy Delivery Co, prem; contractor, C H Thrams, 1100 6th Ave.

ALTER store, $15,000; 544 12th St; owner, J T Maliery, 5519 Balboa Dr; contractor, C H Thrams, 1100 6th Ave; architect, D B Kirby, 409 15th St.

ALTER store, $3850; 7615 MacArthur Blvd; owner, Retail Constr Co, 5306 College Ave; contractor, Carl Franzen, 158 Santa Clara Ave.

ALTERATIONS, $1200; 1150 E 12th St; owner and contractor, Waisle Kelley, 847 Donovan Dr, San Leandro.

ALTTRATIONS, $900; 2315 96th Ave; owner, Chris Curran, prem; contractor, Sun Roofing Co, 4018 E 14th St.

REPAIR fire damage, $700; 531 58th St; owner, Dominico Rossi, prem; contractor, Van Bokkelen-Cole Co, 955 22nd St.

ADDN, 1-story, $12,000; 387 3rd St; owner, Galli Fruit Co, premises; contractor, S A Giusti & Co, 200 Green St, San Francisco.

ADDITION, $1200; 914 Longridge Rd; owner, Ellis Jacobs, premises; contractor, J E Branagh, 105 Sheridan Ave, Piedmont.

ALTER and Addn, $2600; 3516-22 Adeline; owner, Nicholas Champion, premises; contractor, Stolte, Inc, 8451 San Leandro St.

SIGNS, three electric, $1000, $250, $150; 4345 Telegraph Ave; owner, George's Steak House, prem; contractor, General Neon Lite Co, 911A 53rd Ave.

BERKELEY

ALTERATIONS, $2500; 1740 University Ave; lessee, Western Elec, 760 Market St. San Francisco; contractor, N H Sjoberg & Son, 5604 E 16th St, Oakland.

ALTER, $3000; 2074 University Ave; owner and contractor, Harry B Williamson, 1632 University Ave.

ADDITION, $750; 916 Addison St; owner and builder, Otto Kroll, 916 Addison.

ROOFING, $690; 2612 Durant; owner, L Nicols, premises; contractor, Sears, Roebuck, 2633 Telegraph.

DWELLING, 5-room, $7000; 2300 Acton; owner and builder, Walter and Tria Sundman, 2230 Byron.

BUILDING PERMITS Granted $500 AND OVER

SAN FRANCISCO

FEBRUARY 5, 1946

1-STORY FRAME DWELLINGS (8), $4850 each; SE cor Hester Ave and Bayshore Blvd; SE side of Bayshore Blvd 30, 55; SW Hester Ave; W Wheeler Ave 70 S Hester Ave; NW Wheeler Ave 420, 445, 470 NE Blanken St; SE Wheeler Ave 425 NE Blanken Ave; owner and builder, Gilbert L Plov.

ALTER RESTAURANT, $5000; NW corner Turk and Taylor Sts; owner, Theo G Boylarides.

ALTER BUILDING, $1800; 140 10th St; owner, Geldman & Eilers.

ALTER FLATS, $700; 1037 Stanyan St; owner, J Vukovich.

1-STORY FRAME BUILDING, $7000; NW corner LaSalle and Mendell Sts; owner, Joseph Vassallo.

ALTER DWELLING, $1000; 7121 Geary Blvd; owner, Ben Estrin.

ALTER MACHINE SHOP, $1500; 45 Dore St; owner, Wells Manufacturing Co.

1-STORY FRAME DWELLINGS (4), $5900 each; W San Diego Ave 104, 78 N of San Luis Ave; E St Charles 68.4, 93.4 N of Alemany; owner, Alemany Construction Co.

BUILDING CONTRACT

ALAMEDA COUNTY

1-STORY CONCRETE BLDG.
WEST SIDE Market ST 350 ft North 28th St, Oakland.
Owner — Paul Martin of Martin's Gymnasium Equipment Co.
Architect—Not Given.
Contractor—Alfred Olson.
Filed, Feb 5, 1946. Dated, ...

When walls are poured	$3466.25
When trusses in place	3466.25
Upon completion	3466.25
Usual 35 days after	3466.25
TOTAL COST,	$13,865.00

Limit, 90 working days. Plans and specifications filed.

SAN MATEO COUNTY

SHOP and storeroom bldg. and the foundations for Martin Substation.
3150 GENEVA AVE, Bayshore.
Owner—P G & E Co, San Francisco.
Architect—Not Given.
Contractor—Leo Epp, 317 Broderick St, San Francisco.
Filed, Jan 28, '46. Dated, Jan 2, '46.

Progress payments of	85%
Usual 35 days after completion	15%
TOTAL COST,	$26,940.00

Bond, $26,940. Sureties, Fidelity and Deposit Co. of Maryland. Plans and specifications filed.

Furnace Permits

OAKLAND

2057 87th Ave; owner, W Goodwin; contractor, Aladdin Heating Corp; floor furnace.

5989 Howell; owner, E Patterson; dealer, Aladdin Heating Corp; floor furnace.

2157 Vicksburg; owner, Rosa; dealer, E J Hoerst; floor furnace.

216 John St; owner and dealer, L Limotti; floor furnace.

5828 Morse Dr; owner, Cotton; dealer, Sidney Jones; floor furnace.

830 58th St; owner, Milovich; dealer, Atlas Heating & Ventilating; central furnace.

6938 Simson; owner, Cosca; dealer, Atlas Heating & Ventilating; floor furnace.

766 McKinley Ave; owner, Carter; dealer, Aladdin Heating Corp; central furnace.

156 John St; owner, Court; dealer, Aladdin Heating Corp; floor furnace.

1309 67th St; owner, S Gould; dealer, Aladdin Heating Corp; floor furnace.

2900 Marcom; owner, Wm Bland; dealer, E J Hoerst; floor furnace.

1734 Indian Way; R Rust; dealer, R A Roeber; floor furnace.

4009 Porter; owner, Johnson; dealer, R A Roeber; floor furnace.

6537 Heartwood; owner, Rust; dealer, R A Roeber; central furnace.

2707 Fruitvale Ave; owner, Ungaretti; dealer, Atlas Heating & Ventilating; floor furnace.

Plumbing Permits

BERKELEY

136 Alvarado Road; owner, Max Theian; dealer, M J Schmitt; w closet; w basin; shower.

3030 Telegraph; owner, W Farrias; dealer, D L Minoggio; steam table; 2 sinks.

2510 Prince St; owner, Williamson; dealer, D L Minoggio; sink.

791 Santa Barbara; owner, Wallace; dealer, S W Caveney; w basin; w closet.

2924 Russell; owner, H Dodge; dealer, L J Kruse; w closet; shower; w basin.

Completion Notices

ALAMEDA COUNTY

Recorded Accepted

Feb 5, 1946—785 7th ST, Oakland. Auto Car Co to John F Tulloch ....February 1, 1946

Feb 4, 1946—SW SIDE CYPRESS St 1100 ft SE Jackson St, Hayward. Celio C Paulino to John Thompson..................February 1, 1946

SAN MATEO COUNTY

Recorded Accepted

Feb. 2, 1946—SW cor B St and 10th Ave, Lot 1 in Glazenwood No 2; E line B St 50 W of 10th Ave, Lot 2 in Glazenwood No 2; E line B St 100 W of 10th Ave, Lot 3 in Glazenwood No 2; E lne B St 150 W of 10th Ave, Lot 4 in Glazenwood No 2, San Mateo, Calif. Lindell Co to Claude T Lindsay Co ....Jan. 28, 1946

Feb. 1, 1946—Northerly 50 ft, front and rear measurements, of the northerly 100 ft, front and rear measurements, of the southerly 160 ft, front and rear measurements, of Lots 16, Alcorn Tract. Albert M Cox to whom it may concern..............................Feb. 1, 1946

Jan. 28, 1946—Lot 385, Mission St extension, Homestead Assn. Andrew Vireno to Jos Ragni.............. ....Jan. 24, 1946

Jan. 29, 1946—Lots 20, 21 and 22, Block 2, San Carlos Manor. H H MacDonald to same........Jan. 28, 1946

Jan. 29, 1946—Lots 29 and 30, Subdivision H, Belmont Country Club property. Alfred George Michell to Robt E Broderick......Jan. 22, 1946

Jan. 29, 1946—922 Robie Rd, Menlo Park. Wayne F Rossiter to E C Baker.................................Jan. 29, 1946

Jan. 29, 1946—Lot 44, Willows Map No 3. Delvin E and Agnes J Axe to Dulieck Bros...................Jan. 26, 1946

Jan. 29, 1946—Lots 27, 28, 29 and 30, Pellarin Court. Milland Development Co to Mills Construction Co ....Jan. 28, 1946

Jan. 29, 1946—Lots 4 and 5, Block 26, Revised Map of Salada Beach. Milton Carlson to self....Jan. 24, 1946

Jan. 29, 1946—Lots 41 and 42, Block 14, White Oaks Subdivision No 3, San Carlos. Sam and Betty Summerfield to Jas W McCabe.......... ....Jan. 28, 1946

Jan. 29, 1946—Ptn of Lot 8, Block 9, Lyon & Hoag Subdivision of San Carlos. Edgar R and Ruth Sears to Wm H Penaat............Jan. 20, 1946

Jan. 30, 1946—Lots 18, 20, 21, 22 in Block 6, Redwood Villa Park Tract. Henry V Cowan to whom it may concern..................Jan. 30, 1946

Jan. 20, 1946—Lots 34 and 35, Block 65, Subdivision No 8, Millbrae Highlands, Millbrae. Alvia K and Patricia Schultz to Schultz Construction Co.........................Jan. 28, 1946

Jan. 30, 1946—Lot 6, Block 17, Belle Haven City. Francis L Norton to D D Bohannon Organization.............. ....Jan. 25, 1946

Jan. 30, 1946—Lot 20, Block 2, Subdivision A, Keliesley Park. Genevieve E Gaara to David Holden ....Jan. 29, 1946

Jan. 31, 1946—NW ½ Lot 95, SE ½ Lot 94, Grey Tract, ptn of McEvoy Tract, Redwood City; Clara L Holder to David Holder.......... ....Jan. 30, 1946

Jan. 31, 1946—Lot 11, James Street Addition, Redwood City. Henry Witte to Teddy Lauman.................. ....Jan. 31, 1946

Jan. 31, 1946—Lots 33, 34, 35, 36 and 37 in Block A; Lots 22 and 27 in Block B; Lots 11, 12 and 13 in Block E; Lots 7, 14, 15, 16, 17, 18, 19 in Block F; Lots 2, 4, 5, 6, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 and 21 in Block G, Edgewood Terrace, Daly City, Calif. Stonecrest Corp to whom it may concern..........................Jan. 30, 1946

Jan. 31, 1946—Lot 6, Block 22, San Mateo Terrace, Map No 7. Andrew J Gawley to whom it may concern..........................Jan. 30, 1946

Feb. 1, 1946—Lot 6, Block 6, Villa Park Subdivision, Burlingame. Jos A and Karna E Johnson to Thomas N Gesso............Jan. 26, 1946

Feb. 1, 1946—Lots 31, 32, Block 2, Bayview Heights, Belmont. Louis S Morton to Baker & Morton........ ....Jan. 31, 1946

Feb. 1, 1946—East 50 of Lot 22, Block 18, Baywood, San Mateo. G A Wacker to Smith & Wacker ....Jan. 30, 1946

Feb. 1, 1946—Lot 3, Block 22, San Mateo Terrace Map No 7. Andrew J Gawley to whom it may concern..............................Feb. 1, 1946

Feb. 2, 1946—2028 Isabelle, San Mateo. James Ghrelmetti to Baker & Morton............................Jan. 26, 1946

Feb. 2, 1946—Lot 1, Block D, Geo H Gerwins Oak Villa Homestead, resubdivision of Lots 3 and 5; Wooster, Whitton & Montgomery subdivision of part of Redwood Farm. Herbert E and Betty Jane Burnett to Albert L Palmtag...... ....Feb 2, 1946

Feb. 2, 1946—Lot 22, Block 2, University Heights. James Grimm to whom it may concern... Jan. 29, 1946

Release of Liens

SAN MATEO COUNTY

Feb. 1, 1946—Lots 9 and 10, Block 3, Emerald Lake Subdivision No. 1. Cleveland Wrecking Co.

Electrical Permits

SAN FRANCISCO

8317 S Irving 80 E 30th Avenue; owner, Doeiger; contractor, Richmond Elec; service.

8318 947 Irving St; owner, F Damon; contractor, Brite-Lite Neon; signs.

8319 1192 Turk St; owner, Vern-Jo; contractor, Kuchel & Sievers El Works; motors.

8320 665 Harrison Street; owner, Jacks & Irvine; contractor, Galvin Bros; ....

8321 2231 15th Ave; owner, ...; contractor, E A Koenig; 2 outlets; 3 switches.

8322 1179 Market St; owner, ...; contractor, Frank F Goodman; four plugs.

8323 1529 Fillmore; owner, A B Alexander; contractor, American El Constr Co; alterations.

8324 1526 Webster Street; owner, Martinez; contractor, Byington Elec Co; service.

8325 1701 Jones St; owner, Hill Top Grocery; contractor, Lee Elec Co; service; motors.

8326 936 Market St; owner, Advance Sales; contractor, Eureka El Co; alterations.

8327 972 Market St; owner, Advance Sales; contractor, Eureka El Co; ....

8328 986 Market St; owner, Advance Sales; contractor, Eureka El Co; 1 plug.

8329 591 34th Ave; owner, Speck; contractor, Eureka Elec; 6 outlets; 5 switches; 3 plugs.

8330 523 Brannan St; owner, ...; contractor, Weidenthal - Gosliner El Works; motors.

8331 116 Natoma St; owner, Photo & Sound; contractor, Dowd-Seid El; alterations.

8332 691 Market St; owner, Willey; contracotr, Dowd-Seid Electric; alterations.

8333 1237 Minnesota St; owner, Crown Products Co; contractor, Atlas Heating & Vent Co; motors.

8334 111 Day St; owner, Lamb; contractor, Atlas Htg & Vent Co; motors.

8335 Fillmore and Fulton; owner, ...; contractor, C J Holzmueller; ....

8336 1838 Larkin; owner, Mrs Davlos; contractor, Malm & Welter; 3 plugs.

8337 2504 3rd St; owner, J Gonzales; contractor, Malm & Welter; ....

8338 516 Sutter St; owner, Dr Geo Heppner; contractor, Sicular X-Ray Co; ....

8339 390 9th St; owner, Columbia Elec Mfg Co; contractor, Victor Lemoge; ....

8340 200 Bush St; owner, Standard Oil Co; contractor, Victor Lemoge; alterations.

8341 137 Hariam Pl; owner, Stewart & Skelton; contractor, Victor Lemoge; alterations.

8342 330 Jackson Street; owner, Brylos; contractor, Victor Lemoge; service; motors.

8343 16 1st St; owner, ...; contractor, G H Armstrong Elec Co; alterations.

8344 286 Linden; owner, ...; contractor, G H Armstrong Electric Co; motors.

8345 839 France; owner, D Burton; contractor, Richmond Elec Co; 10 outlets; 12 switches; 14 plugs; service.

8346 690 Moscow; owner, D Burton; contractor, Richmond Elec Co; 10 outlets; 12 switches; 14 plugs; service.

8347-50 1124-34-42-50 Prague; owner, Peninsula Bldg Co; contractor, Richmond Elec; 18 outlets; 14 plugs; 16 switches; service.

8351 300 Bayshore Blvd; owner, A Tarantino; contractor, Kennedy Elec Co; ....

8352 300 Bayshore Blvd; owner, A Tarantino; contractor, Kennedy El Co; ....

8353 34 Howard St; owner, ...; contractor, QRS Neon Co; signs.

8354 95 Minna St; owner, W Engels Co; contractor, Quality Electric; service; motors.

OAKLAND

35231 5979 Shattuck Ave; owner, Ware Rite Beauty Shop; contractor, Charles A Langlais Co; 2 fixtures.

35232 3811 MacArthur (rear); owner, Sam Lipshuitz; contractor, C A Langlais Co; 4 outlets; 4 fixtures.

35233 53 7th St; owner, John Yen; contractor, Cooper Electric; 5 outlets; 2 switches; 1 plug; 2 hp. motor.

35234 1200 37th Ave; owner, Phillips & Gonsalves; contractor, Broadmoor Electric; 8 outlets; 2 switches; 6 fixtures; 10 plugs; alterations.

35235 5835 Chabot Court; owner, Mastercraft Co; contractor, Marelco, Inc; outlets; switches; fixtures; plugs alterations.

35236 347 14th St; owner, Mastercraft; contractor, Marelco, Inc; outlets; switches; fixtures; plugs; alterations.

35237 4000 Howe St; owner, Wilshire Oil Co; contractor, Electrical Products; sign

35238 3281 E 14th St; owner, Tompkins Bakery; contractor, General Neon Lite; sign; alterations.

35239 7531 E 14th St; owner, C Koojoolian; contractor, Neon Engineering; sign

35240 1708 12th St; owner, Mt Zion Baptist Church; contractor, Neon Engineering; sign.

35241 1676 7th St; owner, Joe Miller; contractor, Neon Engineering; sign.

35242 6251 College Ave; owner, John F Savage; contractor, Neon Engineering; sign.

35243 3962 E 14th St; owner, Wm R Matthews; contractor, Neon Engineering; sign; interior lighting.

35244 2304 E 14th St; owner, Miguel Cambrus; contractor, Neon Engineering; interior lighting.

35245 7531 E 14th St; owner, C Koojoolian; contractor, Neon Engineering; sign.

35246 4051 Telegraph Ave; owner, Jones; contractor, Neon Engineering; sign.

35247 830 Northvale; owner, Doe; contractor, Paramount Electric; fixtures; alterations.

35248 2000 Rosecrest; owner, Pedersen; contractor, Paramount Electric; fixtures; alterations.

35249 6238 Majestic Ave; owner, Tisher; contractor, Johnston Electric; saw servce.

35250 Adele Court and St Jarioth; owner, Scherman; contractor, Johnston Electrc; saw service.

BERKELEY

573 1604 Fourth St; owner, Pacific Paint & Varnish; contractor, California Elec; 15 outlets; 15 fixtures; 1 plug; 1 motor; 2 circuits.

574 2001 Dwight; owner, Berkeley General Hospital; contractor, Service Heat & Power; 1 transformer.

575 633 Grizzly Peak Blvd; owner, Tpsen; contractor, J C Owens; one motor.

576 1317-A Carrison; owner, Bell; contractor, Johnston Elec; 8 outlets; 7 fixtures; 8 plugs; 2 circuits.

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Transwestern Construction Co., 1402 Front St., Sacramento.

Classified Advertising

WANTED

General Contractor wants FIRST-CLASS ESTIMATOR State experience, references and salary expected. Reply Box 131, c/o Daily Pacific Builder. to Feb. 5, 1946

ESTIMATOR with Building exp. or Engineering training. State previous exp. and education. Good future for ambitious young man. Reply Box 130 c/o Daily Pacific Builder. (tf)

BLDG. CONSTR. SUPT., good future. State experience and references. Reply Box 16, c/o Daily Pacific Builder. tf

POSITION WANTED

SALESMAN - ESTIMATOR — All Building Materials — wants position. Reply Box 21, c/o Daily Pacific Builder. to 2/7/46

CONSTRUCTION MAN, 20 years' exper., age 42; houses, stores, industrial, frame reinforced concrete. Estimating, Bid Supervision; 8 years construction material exp. For interview: H. Hines, Box 943, Concord, Calif. (to 2/12/46)

Man with MARINE ENGINEERING EXP. wants position in boiler room and mechanical maintenance. Phone WEst 9361. (1/31, 2/1. 4/46

Exp. all-round CONSTRUCTION SUPT. holding Class A California Contractor's License, desires connection with general contracting firm in Bay district. Write to 215C S. American St., Stockton, Calif., or phone 2-4688. (2/5-6-7-8-11/46)

DRAFTSMAN for making FURNITURE LAYOUT PLANS. Need not be graduate nor of prevous experience in the business. Steady employment. Phone UNderhill 0468, Mr. Windhorst. (2/5-6-7/46)

Engineering Section

(Continued From Page Three)

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Machinery and Equipment	43

42— MISC. SUPPLIES AND MATERIALS

2/6/46 • • 42
BIDS WANTED

SACRAMENTO, Cal.—Bids will be received by the State Purchasing Agent, Sacramento, for materials as follows:

February 7

QUO 34413; Req. 104145:
2000 tons untreated crushed rock surfacing, fob barge thru vendor's bunkers or stockpiled at any or all of following points: Antioch bridge, Rio Vista ,Isleton or Yamaton.

QUO. 34414; Req. 104146:
1500 tons SC-3 plant mix with ½-in. max. agg. Alt A, deliv. State trucks at vendor's plant near Rio Vista; Alt. B, truck delivery at or near Rio Vista, Isleton or Denverton.

February 11

QUO. 34865; Req. 51057:
900 tons plant mix surf., type SC-3, various locations in Dist. 5.

2/6/46 • 42
BIDS WANTED

HELENA, Mont.—Until February 25, 10 A. M., bids will be received by the Montana State Highway Commission, R. A. Shaw, state purchasing agent, Capitol Bldg., Helena, for furnishing the Montana State Highway Commission with 3,133,000 gallons of road oil, kerosene cutback asphalt.

Specifications obtainable from the above office.

2/6/46 • • 42
BIDS WANTED

SAN FRANCISCO.—Until Feb. 13, 2 P. M., bids will be received by the U. S. Treasury Dept., Procurement Division, 30 Van Ness Avenue, under Inv. No. SF-2790-46 for furnishing and delivering alidades, water cans and metal containers, fob 650 Fifth St., San Francisco.

Specifications obtainable from the above office.

2/6/46 • • 42
BIDS WANTED

SAN FRANCISCO.—Until Feb. 12 2 P. M., bids will be received by the U. S. Department of Agriculture, Forest Service, 447 Sansome St., under Bid No. 364 for furnishing 100 feet of 6-in. black pipe, standard weight, not threaded, delivered to Salinas.

Specifications obtainable from the above office.

2/6/46 • 42
NOTICE OF SALE

SAN FRANCISCO—Until February 18, 10 A. M., bids will be received by the Navy Department, Material Redistribution and Disposal Office, 785 Market St., San Francisco 3, under Sales Catalog No. B-280-46 for the sale of:

(Lot No. 1), 145 fir oars, rowing, 15-ft., 4-ft. 2-in. x 5¼-in. blade, 10-ft. 10-in. handle.

(Lot No. 2), 300 fir oars, rowing, 16-ft., 5-ft. x 5⅝-in. blade, 11-ft. handle, located at Navy Material Redistribution Center, 2144 Clement Ave., Building No. 5, Alameda, Calif.

Bids must be accompanied by a certified check or cash in the amount of 25% of the bid.

Specifications obtainable from the above office.

43— MACHINERY AND EQUIPMENT

2/6/46 • • 43
NOTICE OF SALE

SAN FRANCISCO.—Until Feb. 21, 10 A. M., bids will be received by the Navy Dept., Material Redistribution and Disposal Office, 785 Market Street, under Sales Catalog No. B-282-46 for the sale of materials as follows:

(LOT No. 1)—317 only Pumps, bilge, centrifugal, assembly (bronze), Peerless V-156D, variabel intake, 2½-in. discharge, new. Excellent condition.

(LOT No. 2)—367 only Pumps, O'-Neil diaphragm, bilge, standard diaphragm, complete with bracket and handle, Mfgd. by Kaustine Co., Inc., new. Excellent condition.

(LOT No. 3)—626 only Fenders, hard-braider rope, with thimble, rope, thimble and pennant attached. Two open and lap links, over-all length 36-in. Made of manila and sisal rope, weight 23 lbs. each, new. Excellent condition.

Located at Navy Material Redistribution Center, 2144 Clement Ave., Alameda.

Specifications obtainable from the above office.

2/6/46 • • 43
BIDS WANTED

SAN FRANCISCO.—Until Feb. 21, 10 A. M., bids will be received by the Navy Material Redistribution and Disposal Office, 785 Market St., under Sales Catalog No. B-283-46 for the sale of 117 only Transmissions and Controlled Differential Assemblies Synchro-mesh, includes gear shift lever, brake levers, and final drive (Spicer 89); housing and crankcase of aluminum; weight each 1930 lbs.; new. Excellent condition.

Located at the Navy Redistribution Center, 2144 Clement Ave., Alameda.

Specifications obtainable from the above office.

2/6/46 • • 43
BIDS OPENED

SACRAMENTO, Calif. — Following submitted bids to the State Purchasing Agent, Sacramento, for materials as follows:

QUO. 32872; Req. 4722:
California Toro Co., Bullet MDL, single front and single rear tires, $1379.60 each; Single front and dual rear tires, $1436.60 each; 30 days after order received. No discount.
Food Machinery Co., Cat. No. 290492 MBL B Tractor with LX2399 mower and attachments, $92884; delivered when available; disc. 5% 30 days.
Coast Equip. Co., Case VAI $1050; 45 days; net.

QUO. 32376; Req. A-287:
Auto Electric Sales Corp., total bid, $1640, plus 5% war tax on freight charges; net; deliv. indefinite.

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Laboratory Bldg., Moffett Field; Bids close February 8, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
Carl N. Swenson Co., 355 Stockton Ave., San Jose (BAllard 2602).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054).
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
M. J. King, Inc., 231 Franklin Street, San Francisco (UNderhill 8209).
Peter Sorensen, 927 Arguello St., Redwood City (Redwood 2212).
Parker, Steffens & Pearce, 135 South Park, S. F. (EXbrook 6639).

Expansion Sheet Metal Shop, Etc., S. F. Naval Shipyard; Spec. 17230; Bids open February 7, 11 A. M.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209-.
Clinton Constr. Co. of Calif., 923 Folsom St., San Francisco (SUtter 3440)
Midstate constr Co., 1299 Bush Street, San Francisco (ORdway 4638)
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624).

Store Bldg., Railroad Ave. and E 7th St., Pittsburg; Bids open Feb. 9, 11 AM
Barrett & Hilp, 918 Harrison St. San Francisco (DOuglas 0700).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Louis C. Dunn Co., 799 Monadnock Bldg., San Francisco (YUkon 1471)
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).

Tulana Farms Grain Elevator, Worden, Ore.; Bids ipen Feb. 14, Noon.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

Tank Truck Loading Fac., Standard Oil, Richmond; Bids open Feb. 18, Noon
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980
Barrett & Hilp. 918 Harrison St., San Francisco (DOuglas 0700).

Alter Grand Lake Theatre, Oakland; Bids open February 6, 2 P. M.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).
Mariposa Constr. Co., 1106 Mariposa St., S. F. (UNderhill 0375)
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).

Shops Bldg., San Mateo Junior College; Bids open February 13, 8 P. M.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Monson Brothers, 475 Sixth St., San Francisco (DOuglas 5357).
Haas Constr Co., 326 Merchants' Exchange Bldg., S. F. (EXbrook 1205).
C. L. Wold Constr. Co., Ltd., 4412-16 Fulton St., S F. (SKyline 4362)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S F (EXbrook 6906 or 7054)

Superstructure, Shop Bldg. No. 411, San Francisco Naval Shipyard; Bids open February 21, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
A. Farnell Blair, 9 Main St., San Francisco (YUkon 0390)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)

Moody Motel Bldgs., Oakland; Bids open February 7, 3 P. M.
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
G. W. Williams Co., 10 California Drive, Burlingame (Burl 4-1796)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064)

Factory, Kay Chesterfield Mfg. Co., Oakland; Bids open Feb. 8, 3 P. M.
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064)
Anderson & Hagland, Inc., 219—41st St., Oakland (OLympic 9103)
California Builders Co., Inc., Cor. Hobart and Webster Streets, Oakland (TEmplebar 6780).

Warehouse, Standard Oil Co., 7th and Irwin Streets, San Francisco; Bids open February 15.
Robert McCarthy Co., 1050 Kirkham St., San Francisco (OVerland 4050)
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624).
E. S. McKittrick Co., 610—16th St., Oakland (TWinoaks 5070)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).

Armstrong & Campbell Showroom and Garage, San Rafael; Bids open February 9. 2:00 P. M.
E. P. Merritt, 102 Rialto Bldg., San Francisco (YUkon 1274).

Auto Sales and Service Bldg., San Francisco; Bids open Feb. 11, Noon.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Peter Sorensen, 927 Arguello St., Redwood City (Redwood 2212).

California Truckaway Co Bldgs., Richmond; Bids open February 8.
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).

Theatre Bldg., Salinas; Bids open February 15, 4 P. M.
Erbentraut & Summers, 446—6th St., San Francisco (MArket 8310)

Ongara Food Locker Bldg., Greenfield Avenue, San Anselmo; Bids open February 14, 5:00 P. M.
E. P. Merritt, 102 Rialto Bldg., San Francisco (YUkon 0656).

CONTRACTORS . . .
See us regarding Improvement District jobs. We handle collections; buy Warrants or Bonds on all 1915 or 1911 Act Districts. Telephone GArfield 8000.
HANNAFORD & TALBOT
519 CALIFORNIA STREET - SAN FRANCISCO 4

2/6/46 • • 43
BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until Feb. 13, 1 P. M., bids will be received by the Oakland City Council, City Hall, for two automatic calculating machines for the Engineering Department.

Specifications obtainable from the above office.

2/6/46 • • 43
BIDS WANTED

SAN FRANCISCO.—Until Feb. 13, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Municipal Contract No. 249 for furnishing and installing electric neon sign and service on Beale Street viaduct.

Specifications obtainable from the above office at no deposit.

2/6/46 • • 43
BIDS WANTED

SAN FRANCISCO—Until Feb. 19, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Water Department Contract No. 413, for furnishing and installing hot water storage tank and altering boiler room, San Francisco Water Dept Bldg., 425 Mason Street.

Specifications obtainable from the above office upon deposit of $5.00.

2/6/46 • • 43
NOTICE OF SALE

SAN FRANCISCO.—Until Feb. 15, bids will be received by The Reconstruction Finance Corp., Office of Surplus Property, 30 Van Ness Ave., from bona fide dealers for the sale of automobiles, military cargo trucks, flat bed and other trailers, dump trucks, stake trucks, and other vehicles, located in the northern and southern sections of California, and in Nevada and Arizona.

Sale of equipment located in Northern California and Nevada will be held at the above office; in Southern California, at 1206 S. Maple St., Los Angeles; in Arizona, at 1816 W Fillmore St., Phoenix.

2/6/46 • • 43
BIDS WANTED

SAN FRANCISCO.—Until Feb. 13, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Municipal Contract No. 250 for making test borings at Geary Street Carhouse.

Specifications obtainable from the above office at no deposit.

New Saw

(Continued from Page 1)

er crosscut angle, the saw blade always travels through the guide fence and cuts the lumber at exactly the same point on the table.

Another important and interesting feature of this new magnesium portable radial saw is the added safety, speed, and accuracy made possible by its heat-treated, hardened-steel safety arm. When making a cut, the saw assembly and arm move forward on wide, hardened-steel ball bearing self-aligning rollers in a smooth effortless glide. Vision is unobstructed while cutting. At the completion of each cut, the assembly moves back out of the way and the entire table top is clear for layout, measuring, and other table work. There is no over-table mechanical obstruction against which the operator can hit his head or bump his shoulder. Work can be set up quickly and accurately without having to duck and dodge around any part of the machine.

Permanent accuracy, not only of the safety arm, but of the entire machine, is maintained by five simple adjustments. The first of these is at the top of the housing, where eight set screws permit the safety arm bearings to be taken up to compensate for any wear at the arm bearing surfaces. Adjustment set screws at the head are available to maintain the vertical post in constant alignment. At the motor plate, set screws permit alignment in the three-way positions of the motor, should it ever be necessary during the life of the machine. Also, permanently accurate zero settings can be maintained, even after years of use, by a set screw at the motor arc for motor angle adjustment and a set screw at the base of the column for vertical setting adjustment of the column. This five-way adjustability is a unique advantage of the Monarch Uni-Point portable radial saw. It makes possible the maintenance of permanent accuracy throughout the machine without the need for expensive replacement of parts.

An interesting booklet describing the unit can be had by writing the Company.

CALIFORNIA
STATE

1890 - 1946
Fifty-six
Years of
Service

Daily Pacific Builder

LARGEST CONSTRUCTION DAILY IN THE WEST

Complete
Building and
News Service
Engineering

Fifty-sixth Year—Vol. 56—No. 27 SAN FRANCISCO, THURSDAY, FEBRUARY 7, 1946 PRICE 15 CENTS PER COPY

PLANS and Speculations

Sacramento: Acme Refrigeration and Equipment Company, 619 "J" Street, has purchased an 80 x 80 foot site at the northwest corner of California and Seventh Streets. This will be an addition to present quarters and will be sales and display rooms for a complete line of household appliances. Modernization and installations will cost $100,000.

oOo

Salinas: Several sites are under consideration by the AFL labor council in Salinas and the Alisal District for construction of a labor temple estimated at $75,000, it was announced by Peter A. Andrade, president of the AFL labor council.

oOo

Chico: The Board of Education has voted to authorize Charles F. Dean, Sacramento architect, to draw up a plot plan of the proposed location of buildings for the development of the high school.

oOo

Red Bluff: The 30th District Agricultural Association has approved the expenditure of $89,000 for construction, repair and promotion of the County fairgrounds. Largest single appropriation involves the construction of a large exhibit building at an estimated cost of $50,000.

oOo

Visalia: The Memorial Plunge Executive Council announces that over $10,000 has been contributed toward the building of the proposed community swimming pool. This is the halfway mark toward the goal of $20,000, the anticipated cost. . . . Complete modernization of the Elks building, Main and Locust Streets at a cost of $17,000. Plans include installation of two elevators. Announcement was made by Oakley Morris, executive secretary of the lodge.

oOo

Richmond: Operations suspended by war will be resumed by the California Art Tile Corp., 27th and Maine Streets, by next fall, W. A. Hislop, vice - president, has announced. A $70,000 modernization program is planned.

oOo

Butane Engineering Co., located on Davis Highway one mile west of Tower Bridge, Sacramento, plan expenditure of $50,000 for the construction of new buildings to be used as office, salesroom, shop, and Butane-Propane storage, on adjacent property, recently acquired.

oOo

Home Builders Exposition Space Is A 'Sell-Out'

As Convention and Exposition date for the National Association of Home Builders in Chicago, at the Stevens Hotel approaches, the exhibit space is a "sell out". This forecasts the largest home building show ever assembled.

Paul Van Auken, Convention and Exposition Director, announced on January 28, that more than 2,500 advance reservations for hotel accommodations have already been received which indicates that the figure of 5,000 builders, real estate brokers, dealers, architects, and bankers previously expected to be in attendance will be exceeded.

Among those who have accepted invitations to take leading roles in the discussions at the Convention meetings are:; Seward Mott, Director, Urban Land Institute, Marcel Villanueva, National Commission on Housing, J. C. Nichols, Kansas City, Mo., Wilson W. Wyatt Housing Expediter, John D. Small, Administrator, CPA, Raymond M. Foley, Commissioner, FHA, Jos. Meyerhoff, Baltimore, Md., Wallace Johnson, Memphis, Tenn. Norton Long, Assistant to the Administrator, OPA, H. R. Northrup, National Retail Lumber Dealers' Assn., James Follen, Structural Clay Products Institute and Producers' Council, Robt. P. Gerholz, Flint, Mich.; George West, First Federal Savings & Loan Association, Atlanta, Ga.

Curt Mack, FHA, Boris Shiskin, Secretary AFL Housing Commisson, William Farrington, Houston, Texas Wm. Guinan, Detroit, Mich., Fritz B. Burns, Los Angeles, David D. Bohannon, Los Angeles, W. Hamilton Crawford, Baton Rouge, La., Andrew Higgins, Higgins Shipbuilding Corp., Roland D. Doane, General Sales Mgr., Ingersoll Steel Division, Borg-Warner Corp., R. Warmee, Minneapolis-Honeywell Co., P. E. McCaughey, Mgr., National Adequate Wiring Bureau, Carl Boester, Purdue Research Foundation, Miles Colean, Housing Consultant.

Year-End Reports for 1945 on Bay Area Major Activities Reveal New Maximums

Complete year-end reports for 1945 on major activities in the Bay Area prepared by the San Francisco Chamber of Commerce revealed new maximums established in many fields and wide contrasts between prewar levels. The population on January 1, 1946 is estimated at 2,543,000 or 157,000 above a year ago and 808,692 or 46.6 per cent above the 1940 census for the nine-county area. Retail sales estimate for 1945 of $1,937,024,000 is $176,000,000 above 1944 and $1,060,628,000 or 121 per cent above the total reported by the census for 1939. Wholesale sales estimate of $3,478,000,000 for 1945 exceeds the 1944 estimate by $64,277,000 and the 1939 sales by $1,842,018,000, or 112 per cent.

Financial transactions measured by bank debits in the Bay Area soared to $27,393,883,000 or $1,750,182,000 above 1944 and $14,320,142,000 above the 1940 level representing an increase of 127 per cent. 1945 freight car movements in the San Francisco-Oakland switching limits totaling 784,567 were 40,925 under the 1944 level but 370,106 above the 1940 level. 1945 payrolls in the manufacturing industries in the San Francisco Industrial Area (5 counties) estimated at $473,000,000 dropped off about 34 per cent from the 1944 level but were nearly four times the total reported by the 1939 census which amounted to $110,964,000. The non - manufacturing industries reported payroll increases during 1945 over 1944 of 5 per cent in the retail, wholesale and laundry groups, and 10 per cent in the hotel group.

San Francisco busines activity attained a new high in December. Our index reached 247, topping the previous high of December 1944 by 6.6 per cent, the annual average at 203.1 surpassing last year by 7.9 per cent.

Bay Region department store sales for the last few months of the year were above similar months a year ago and the cumulative sales for the entire year were up 11 per cent, which was idential to the rise for California, Seattle, and the 12th Federal Reserve District. Sales of independent retailers in California were 19 per cent higher for November 1945 than for November 1944 with the 11 months sales 10 per cent above last year's volume, according to the latest report from the Bureau of the Census. Increases reported by Bay Area cities for this period were led by Santa Rosa with 19 per cent gain, Pittsburg followed with 17 per cent, San Francisco with 11 per cent, San Jose 10 per cent, Oakland 9 per cent, Berkeley 9 per cent, and Palo Alto 8 per cent. In San Francisco the apparel group led all groups with a 16 per cent gain for the cumulative period. The food group reported a 3 per cent increase, eating and drinking places 13 per cent, drug stores 11 per cent, motor vehicle dealers 11 per cent, furniture stores 6 per cent, and hardware stores 17 per cent.

Reports on job openings in the San Francisco Bay Area as of the beginning of January 1946 showed a total of 15,576. More than half, or 8,310, were in San Francisco. 4,893 of these were clerical opportunities, 1109 professional, 403 in sales, and the balance were in the skilled, semi-skilled and unskilled divisions. Reports indicate that employers in all areas are giving the veterans preferential treatment. During December San Francisco's office of the United States Employment Service reported a total of 5,465 placements. Based on a partial report, 43 per cent of the placements were in the clerical and sales group, 14 per cent in the service, 9 per cent in the skilled, 7 per cent in the semi-skilled, and 27 per cent in the unskilled, and less than one-half per cent in the professional and managerial group.

Other substantial developments in San Francisco during the year were revealed in the following activities: shares traded on the San Francisco stock exchange were up 61 per cent in number and 80 in market value over last year; postal receipts rose 43 per cent to a total of $50,818,124; real estate sales established a new all-time high; San Francisco air traffic totaled 34,040 planes in and out, or 66.9 per cent above last year, and the number of passengers on and off soared to a total of 449,145 or 72 per cent above a year ago; sales of electrical energy were up 8.7 per cent and industrial and commercial gas sales 9.7 per cent; and total construction 45.3 per cent in value.

V

SIMPLIFIED PRACTICE RECOMMENDATION MADE FOR NAILS, STAPLES

A technical committee of the American Iron and Steel Institute is sponsoring two closely related simplification programs which are being developed through the established procedure of the Division of Simplifiel Practice, National Bureau of Standards.

One program proposes a list of stock sizes and types for wire nails and staples. It includes fence staples, poultry netting staples and all kinds of wire nails commonly used by the various building trades and by box manufacturers.

The other is a proposed revision of Simplified Practice Recommendation R9-28, Woven Wire Fencing. It presents a list of stock items in the following products: Farm Fence, Close Mesh Fence, Wolf Proof Fence, Poultry and Garden Fence, Chick Fence, Galvanized Barbed Wire and Galvanized Two-Ply Barbless Wire.

Should these proposals as submitted, or as adjusted in accordance with suggestions which may be submitted, meet with the approval of producers, distributors and users, they will be promulgated and issued in printed form.

Mimeographed copies of the programs are available for approval, comment or both, through the Division of Simplified Practice, National Bureau of Standards, Washington 25, D. C.

'Prefab' Housing Can Be Turned Out At 150,000 Yearly

American firms now manufacturing prefabricated houses or planning to go into production have a capacity for turning out about 150,000 units a year, according to estimates of the Construction Division, Department of Commerce.

Approximately 150 firms are now making or planning to make prefabricated houses, ready-cut structures, or components. Because of the importance of these types of construction in relieving the housing shortage, the Construction Division will undertake a detailed study of the industry in the near future.

As many home prefabricators were, until recently, engaged in other production related to the war and do not now have adequate inventories, production of prefabricated houses will be slow in starting.

However, well over 100,000 units could be built in 1946 if a sufficient flow of materials could be arranged, the Construction Division estimates. Prices of prefabricated houses run in general from $2,000 to $6,000, exclusive of the site, with higher prices for the larger and more elaborate types.

House trailers might also contribute to relieving the housing shortage, the Construction Division said. They are particularly adaptable for use on college campuses and other sites where a large volume of housing is temporarily needed. The capacity for producing house trailers is estimated at about 100,000 a year.

Prefabrication should be thought of as a method of building not as a term distinguishing the final product from that built by conventional methods, it was pointed out. A prefabricated house consists of sections or panels for floors, walls, ceilings or roofs. Line production technique is usually used.

The completed sections are transported to the site for quick erection on a previously prepared foundation. The number of sections and their degree of completeness varies. One typical four-room and bath prefabricated house consists of 38 sections exclusive of the foundations and chimney.

Ready-cut structures, in distinction to prefrabricated ones, are not made up of completed sections but of sills, rafters, studs, sheathing and other components cut and marked for a predesigned house. These components, delivered to the site, are then assembled exactly as in the case of a house built by conventional methods. The difference is that none of the parts have to be cut to size on the job.

GROOVER AND I

ATOMPLAN

There is a school of Internationalist thought which claims we should prove ourselves to be an open-hearted and generous folk by sharing the atom bomb secret with the rest of the world.

★ ★ ★

If this be sound thinking, why do we stop with one foot in the air? Why do we not follow this line to its logical conclusion?

★ ★ ★

Perhaps now is the time to introduce the "Groover Atomplan". We have the scientific knowledge, the technical skill and the plants. Let us not stop at passing out formula, blue-print and specification.

★ ★ ★

Let us start manufacturing atom bombs in a wholesale way—let us build up maximum production and then distribute the completed bombs to all other nations.

★ ★ ★

The plan has not been perfected. In order to satisfy all Nations and prevent jealousy, there remains one detail of mathematics to be worked out.

★ ★ ★

How can we distribute bombs to ALL Nations, giving EACH Nation 50% MORE bombs than we give to ANY OTHER Nation?

V

NOTICE OF CANCELLATIONS

The duration examinations for Highway Equipment Operator-Laborer, and Institution Equipment Operator announced on the bulletins issued Sept. 19 and 21, 1945, have been canceled by the State Personnel Board.

Surplus Barges, Tugs To Be Sold At Fixed Price

Prospective purchasers of wooden tank barges, harbor tugs, steel tank barges and other craft will welcome an announcement today by the United States Maritime Commission that such craft, declared surplus in large quantities by the Armed Services, will be sold on a fixed price basis after the market has been tested through competitive bids by the Commission.

The current offerings include 39 169-foot DPC wooden tank barges located at Palatka, Fla., for sale at a fixed price of $3,150 each; three 85-foot harbor DPC single screw tugs located at Jacksonville, Fla., and twenty-three 85-foot harbor DPC single screw tugs located at Madison ville, La., at $80,000 each, eighty 195-foot DPC steel tank barges located at Logtown, Miss., and eleven 195-foot DPC steel tank barges located at Pearlington, Miss., are for sale at a fixed price of $21,000 each.

All persons interested in acquiring any of these vessels should submit their offer or offers to the Secretary, U. S. Maritime Commission, Washington 25, D. C., specifying by number the particular vessel or vessels desired. Prospective purchasers may obtain copies of Form of Offers upon application to J. J. Fitzpatrick, District Manager, U. S. Maritime Commission, Canal Building, New Orleans, La., or Director, Division of Small Vessel Procurement and Disposal, U. S. Maritime Commission, Washington 25, D. C.

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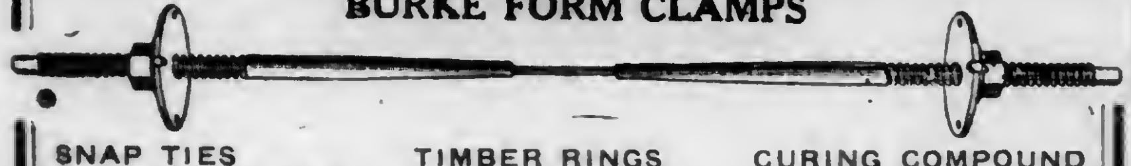

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DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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1-8—COMMERCIAL BLDGS.

2/7/46 • 2
STARTING WORKING DRAWINGS
GARAGE Cost, $80,000
SALINAS, Monterey County, Calif. Highway 101 South.
Construction of part one- and part two-story steel frame and stucco Chevrolet garage.
Owner—George Richardson, Salinas.
Architect—Charles E .Butner, 7 Winham St., Salinas.

2/7/46 2
SUB-CONTRACTS AWARDED
GARAGE & AUTO SALES BLDG. Contract Price, $95,000
BURLINGAME, San Mateo Co., Calif. California Dr.
Construction of one- and part two-story reinforced concrete garage and auto sales building.
Owner—James W. McAlister, Inc., 1200 Van Ness Ave., San Francisco.
Architect—Sharps & Brown, 1477 Burlingame Ave., Burlingame.
Contractor—MacDonald, Young & Nelson, 127 Montgomery St., San Francisco.
Roofing—Alta Roofing Co., 97 Indiana St., San Francisco.
Plumbing—Harry Lee, 216 California Dr., Burlingame.
Electric Wiring—Engineering Design Co., 20 2nd Ave, San Francisco.
Heating and Sheet Metal Work—Atlas Heating & Ventilating Co., 557 4th St., San Francisco.
Tile Work—Donion Tile Co., 24 12th St., San Francisco.
Glass—W.P. Fuller Glass Co., 301 Mission St., San Francisco.
Brick and Stone Work—Wm. Rainey, 323 Clementina St., San Francisco.
Mill Work—Minton Lumber Co.
Painting—D. Zelinsky, 165 Grove St., San Francisco.
Lathing and Plastering—C. B. Henderson, 239 Ramona St., San Mateo.
Steel Rolling Doors—Kinnear Manufacturing Co., 1742 Yosemite Ave., San Francisco.
Asphalt Tile—L. D. Reeder Co., 100 Sacramento St., San Francisco.

2/7/46 • 2
PLANNED
SALESROOM AND GARAGE Cost, $100,00
BERKELEY, Alameda County, Calif. Site not announced.
Construction of a salesroom and garage for Willys-Overland agency.
Owner—Williamson Properties Co., 1632 University Ave., Berkeley.
Architect—Not announced.

2/7/46 3
CONTRACT AWARDED
WAREHOUSE Cost, $102,000
DALLAS, Texas.
Construction of warehouse and office building to contain 26,000 sq ft. of floor space; steel frame construction, hollow tile and brick exterior walls, composition roofing, air conditioning, cement floor, steel sash.
Owner—Purex Corp., Dallas, Texas.
Architect—Francis J. Heusel, 730 E 3rd St., Dallas.
Contractor—Cowdin Bros., Dallas.

2/7/46 • 4
PREPARING WORKING DRAWINGS
MEDICAL-DENTAL BUILDING
SAN FRANCISCO. Northwest corner 14th Ave. and Geary Blvd.
Two-story frame and terra cotta medical-dental building (25x100 ft.), with three stores on ground floor.
Owner—Withheld.
Architect—Leonard Mosias, 255 California St.

2/7/46 3
SUB-CONTRACTS AWARDED
WAREHOUSE Cost, $32,000
OAKLAND, Alameda County, Calif. 421 Madison St.
Construction of 1-story brick warehouse.
Owner—Alice G. Lucas, 617 Santa Barbara Rd., Berkeley.
Engineer—R. H. Cooley, 959 33rd St., Oakland.
Contractor—John J. Moore Co., 959 33rd St., Oakland.
Plumbing—F. E. Nearhood Co., 2585 Fruitvale Ave., Oakland.
Electric Wiring—California Electric Co., 30 Victoria St., Santa Barbara.
Sheet Metal—East Bay Sheet Metal Works, 1101 Market St., Oakland.
Glass—East Bay Glass Co., 621-627 Sixth St., Oakland.
Window Shades, Hardwood Floors, Iron Grille Work—None.
Brick and Stone Work—Cornelius & Read.
Grading—Ariss-Knapp Co., 961 41st St., Oakland.
Lumber and Mill Work—Hogan Lumber Co.
Lathing and Plastering—Nat Lena.

2/7/46 • 7
BIDS OPENED
BELLINGHAM, Wash.—George F. Cannon, Bellingham, Wash., at $212, submitted low bid February 6 to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco. for repairs to elevator motor in the U. S. Post Office and Courthouse building at Bellingham, Wash.

Otis Elevator Co., San Francisco, at $229, submitted the only other bid.

2/7/46 • 1
BIDS IN—HELD UNDER ADVISEMENT
ALTER BANK
SAN FRANCISCO. 555 Montgomery St near Clay St.
Alterations to bank building.
Owner—Bank of Canton.
Architect—William G. Merchant, 57 Post St., San Francisco.

2/7/46 • 6
TO ASK BIDS

MAYFAIR DIST., Los Angeles Co., Cal.—Architects A. R. Walker & Associates, 302 Security Title Insurance Bldg., Los Angeles, are completing working drawings for construction of a one-story, 3-unit frame and stucco store building on Adenmoor Ave. ,north of Rocket Street, Mayfair Dist., for Brosterhous, Bowman & Smith; approximately 100x80 feet in area. Bids will be asked shortly.

2/7/46 • 6
PREPARING WORKING DRAWINGS
STORE AND APARTMENT BLDG. Cost, $35,000
SALINAS, Monterey County, Calif. Solidad St.
Construction of two-story concrete store and apartment building (60x 100 feet).
Owner—Withheld.
Architect—Charles E. Butner, 7 Winham St., Salinas.

2/7/46 • 6
SUB-CONTRACTS AWARDED
ALTER STORE
OAKLAND, Alameda County, Calif. Washington and 11th Sts.
Alterations to building to prepare for installation of esculator.
Owner—Hale Bros., Washington and 11th Sts.
Architect—Wm. G. Merchant, 57 Post St., San Francisco.
Contractor—Dinwiddie Construction Co., 210 Crocker Bldg., San Francisco.
Electric Wiring—T. L. Rosenberg Co., 372 5th St., Oakland.
Sheet Metal—Morrison & Co., 74 Duboce Ave., San Francisco.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Mill Work—Pacific Manufacturing Co., Santa Clara.
Lathing and Plastering—Conrad Rasmussen, 1630 Webster St., Oakland.
Structural Steel—Herrick Iron Works 18th and Campbell Sts., Oakland 7.
Linoleum — Superior Tile Co., 4939 Brodway, Oakland.

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2/7/46 • 7
PLANNED
SUPER MARKET
HAYWARD, Alameda Co., Calif. A Street and Maple Court.
Construction of a super market to carry all lines of commodities, including groceries, produce, drugs.
Owner—Wm. S. and Robt. N. Lee, 478 Blossom Way, Hayward.
Architect—Not Announced.

2/7/46 • 8
FIRE LOSS
SAN FRANCISCO.—Fire recently destroyed the Wisman grocery warehouse at 3040 Geary Street, with damage estimated at $20,000.

2/7/46 • 7
CONTRACT AWARDED
BERKELEY, Alameda Co., Calif.—Nick Hemminga, 627 38th Ave., San Francisco, at $1250, awarded contract by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for new marquee at the U. S. Post Office, Berkeley.

2/7/46 • 7
CONTRACT AWARDED
SANTA MONICA, Los Angeles Co., Calif.—J. H. Valley, 5131 Coliseum, Los Angeles, at $685, awarded contract by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for wire mesh partitions and new partitions at U. S. Post Office, Santa Monica, Los Angeles County.

2/7/46 • 8
CONSTRUCTION UNDER WAY
SHOPPING CENTER Cost, $200,000
HAYWARD, Alameda County, Calif. E. 14th St. and Lewelling Blvd.
Construction of a complete shopping center, to include a super market, drive-in restaurant, drug, variety, barber, beauty shops and a medical suite to be known as Lewelling Market Center.
Owner and Builder—Groom & Groom, 14560 E 14th St., San Leandro.
Plans by owner.

2/7/46 • 4
BIDS WANTED—
TO BE OPENED FEB. 18
FILM EXCH. Est. Cost, $125,000
SEATTLE, Wash. 2030-34 2nd Ave.
Construction of 3-story and basement film exchange (94x60) of structural glazed tile, glass block and brick facing.
Owner—Warner Bros. Picture Distributing Co., 2405 2nd Ave., Seattle
Architect—E. C. A. Bullock, 321 W 44th St., New York City.

Bids will probably be received at the architect's office.

2/7/46 • 7
CONTRACT AWARDED
STORE BUILDING Cost, $20,000
OAKLAND, Alameda County, Calif. E 14th St. near 44th Ave.
Construction of frame store building.
Owner—L. Galyen.
Engineer—J. Y. Long Co., Easton Bldg., 428 13th St., Oakland.
Contractor—M. Drinkward, 7801 Outlook Ave., Oakland.

2/7/46 • 7
CONTRACT AWARDED
MARKET BUILDING Cost, $17,500
SAN LEANDRO, Alameda Co., Calif. San Leandro Blvd. at Williams St.
Construction of wood and steel frame market building.
Owner—J. Lopez.
Engineer—J. Y. Long Co., Easton Bldg., 428 13th St., Oakland.
Contractor—M. Drinkward, 7801 Outlook Ave., Oakland.

2/7/46 • 7
STORE BUILDING Cost, $20,000
WALNUT CREEK, Contra Costa Co., Calif. Main St. at Bonanza.
Construction of frame store building.
Owner—Duncan & Schwartz, 1440 Broadway, Oakland.
Architect—J. B. Anthony, 2829 Forest Ave., Berkeley.
Engineer—J. Y. Long Co., Easton Bldg., 428 13th St., Oakland.

9-10—EDUCATIONAL BUILDINGS

2/7/46 • 9
PREPARING PRELIMINARY PLANS
SCHOOL ADDITION Cost, $30,000
KING CITY, Monterey County, Calif. King City Grammar School.
Construction of one-story frame and stucco grammar school addition to contain two classrooms and toilet building.
Owner—King City Elementary School District, King City.
Architect—Charles E. Butner, 7 Winham St., Salinas.

2/7/46 • 10
FUNDS AWARDED
COLLEGE BLDG. Est. Cost, $288,000
RENO, Washoe County, Nev.
Construction of a wing to the present engineering building to be used for electrical engineering, covering approximately 16,200 square feet.
Owner—University of Nevada, Board of Regents, Silas Ross, chairman.
Engineer—H. E. Devereaux, Berkeley, Calif.
Architect—Not selected.

The Bureau of Community Facilities, Federal Works Agency, 2223 Fulton St., Berkeley, Calif., awarded funds in amount of $11,000 to assist in preparation of plans.

2/7/46 9
CONTEMPLATED
SCHOOL BLDGS. Est. Cost, $100,000
CASTLEVALE, Wash.
Remodeling of eight classrooms and addition of cafeteria, new lavatories, library, teachers' workroom and first-aid room.
Owner—Castlevale School District, Harry Ritchey, school principal.
Architect — Walter Rothe, Liberty Bldg., Yakima, Wash.

2/7/46 9
ARCHITECT SELECTED
SCHOOL BUILDING PROGRAM
BEND, Ore. Bounded by Louisiana and Idaho Aves. and Bond and Wall Sts.
Construction of gymnasium, field house, addition to Kenwood grade school; lunchroom at Allen grade school; auditorium at south end of present high school building, and renovation of old high school gymnasium
Owner—City of Bend, Ore.
Planning Consultant—Robert Pierson, League of Oregon Cities.
Architect—F. Marion Stokes, Hughes Bldg., Portland.

2/7/46 9
PREPARING PLANS
SCHOOL BUILDING Cost, $440,000
LONGVIEW, Wash. Olympic site on 28th Ave. between Harding St. and Hemlock St.
Construction of three-room additions to Columbia Valley Gardens School, Broadway School, and new cafeteria for St. Helens School.
Owner—Longview School District, E. J. McNamara, school superintendent, Longview, Wash.
Architect—Wolff & Phillips, Pearson 4th Ave. Bldg., Portland, Ore.

2/7/46 9
PREPARING PRELIMINARY PLANS
SAN DIEGO, San Diego Co., Calif. —Architect Earl F. Giberson, 426 B St., San Diego, is preparing preliminary plans for the replacement of obsolete buildings at Stockton Elementary School, 3100 Island Ave., San Diego, for the San Diego Unified School District, Dr. R. C. Dailard, business manager, 825 Union St., San Diego. Work involves replacement of four to six classrooms.

2/7/46 9
BIDS WANTED
PALM SPRINGS, Riverside Co., Calif.—Until March 11, 12 Noon, bids will be received by the board of trustees of the Palm Springs Union High School District of Riverside County, at the office of the board, located at the Palm Springs Union High School building, Ramon Rd., Palm Springs, for general work, heating work, plumbing work, electrical work, and the furnishing of materials required for the construction of a one-story, 5-room reinforced concrete addition to the south unit f the present high school plant at Palm Springs. Bidder's guarantee of 5% to accompany each bid. Plans and specfications may be obtained from the office of the architect, Harry J. Williams, The Plaza, Palm Springs, upon deposit of $25 per set.

2/7/46 • • 9
PROSPECTIVE BIDDERS
SHOPS BUILDING
SAN MATEO, San Mateo Co., Calif. Peninsular Ave. and Delaware St.
Completion of the general construction of the shops building on the junior college site.
Owner — San Mateo Junior College District, business office, San Mateo Junior College Science Bldg., San Mateo.
Architect—Harry A. Thomsen Jr., 315 Montgomery St, San Francisco.

Plans and specifications may be obtained from the office of the architect upon deposit of $100.

Bids must be accompanied by certified or cashier's check in amount of not less than 10% of bid.

As previously reported, bids will be opened February 13, 8 P. M.

Following contractors have taken out plans:

C. L. Wold Constr. Co., 4412-4416 Fulton St., San Francisco.

MacDonald, Young & Nelson, 127 Montgomery St., San Francisco.

Monson Brothers, 475 Sixth St., San Francisco.

Midstate Constr. Co., 1299 Bush St., San Francisco.

James I. Barnes Constr. Co., 941 Russ Bldg., San Francisco.

2/7/46 • 9
ARCHITECTS SELECTED
SCHOOL ADDITIONS Cost, $350,000
SAN LORENZO, Alameda Co., Calif.
Construction of 11-room building to house 6th, 7th and 8th grades; new 6-room school building at 50th Ave. and Foothill Blvd.; 8-room addition to Village School; 4-room addition to Ashland School; 1-room addition to San Lorenzo School.
Owner—San Lorenzo School District, C. E. Lawson, superintendent, San Lorenzo.
Architects—Dragon & Schmidts, 2068 Allston Way, Berkeley, Calif.

The school district voted bonds January 15 in the amount of $350,000 to finance construction.

2/7/46 • 9
NO BIDS RECEIVED
SAN FRANCISCO.—No bids were received February 6 by the Department of Public Works, Room 282 City Hall, for additional equipment for kitchen at Galileo High School, Bay St. and Van Ness Ave

11—HOSPITALS

2/7/46 • 11
FUNDS AWARDED
PUBLIC BLDGS. Est. Cost, $425,000
FALLON, Churchill County, Nevada.
Construction of a 25-bed hospital and a combined courthouse, jail and telephone building, approx. 15,000 sq. ft. in dimension.
Owner—Churchill County, J. R. Hannifan, County Clerk, Fallon.
Engineer—H. E. Devereaux, Berkeley, Calif.
Architect—Not Selected.

The Bureau of Community Facilities, FWA, 2223 Fulton St., Berkeley, has awarded funds in amount of $15,400 to assist in preparation of plans.

2/7/46 • 11
BIDS OPENED
SAN FRANCISCO.—C E. Wait, at $3630, submitted low bid to the Department of Public Works, Room 282 City Hall, under job No. 494 for new toilet room in the clinic patients' department, 2nd floor, Ward A, main building, Laguna Honda Home.

Adam Arras & Son, at $3859, submitted the only other bid.

2/7/46 • • 11
CONTRACT AWARDED
SAN FRANCISCO.—Adam Arras & Son, 116 New Montgomery St.. at $2,850 awarded contract by the Department of Public Works, Room 282, City Hall, for alterations to Harbor Emergency Hospital, north side of Sacramento St. and east of Drumm Street.

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CRAIG H. DILL, Supt., Survey Department

12-13—INDUSTRIAL BUILDINGS

2/7/46 • • 13
TO ASK BIDS
BOILER Cost, $20,000
SAN JOSE, Santa Clara Co., Cal.
Furnish and install one 500-h.p. high pressure steam boiler.
Owner—U. S. Products Corp., Ltd., Race and Moorpark Ave., San Jose.
Engineer—G. M. Richards & Associates, 333 Kearny St., San Francisco.

Bids will be asked within 1 week.

14-17—PUBLIC BLDGS.

2/7/46 • 16
BIDS WANTED
ST. ANTHONY, Idaho.—Until Feb. 27, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, Calif., for interior and exterior painting at the U. S. Post Office building at St. Anthony, Idho.

Plans and specifications obtainble from the above office of the district engineer.

2/7/46 • 16
BIDS WANTED
MONROVIA, Los Angeles Co., Calif. —Until February 27, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting at U. S. Post Office, Monrovia.

Plans and specifications obtainable from the above office of the district engineer.

2/7/46 • 16
BIDS WANTED
MAYWOOD, Los Angeles Co., Calif. —Until February 27, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting, etc., at the U. S. Post Office, Maywood.

Plans and specifications obtainable from the above office of the district engineer.

2/7/46 • 16
BIDS WANTED
BELL, Los Angeles Co., Calif.—Until February 27, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior painting, new entrance door and miscellaneous repairs at the U. S. Post Office, Bell, Calif.

Plans and specifications obtainable from the above office of the district engineer.

2/7/46 • 16
BIDS WANTED
FULLERTON, Los Angeles Co., Calif.—Until February 27, 2 P. M., bids will be received by the office of district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting at U. S. Post Office, Fullerton, Calif.

Plans and specifications obtainable from the above office of the district engineer.

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WORK FOR D 8 TRACTORS, CARRYALLS and TERRA COBRAS. Phone Stockton 66639. tf

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Laboratory Bldg., Moffett Field; Bids close February 8, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
Carl N. Swenson Co., 355 Stockton Ave., San Jose (BAllard 2602).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054).
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
M. J. King, Inc., 231 Franklin Street, San Francisco (UNderhill 8209).
Peter Sorensen, 927 Arguello St., Redwood City (Redwood 2212).
Parker, Steffens & Pearce, 135 South Park, S. F. (EXbrook 6639).

Store Bldg., Railroad Ave. and E 7th St., Pittsburg; Bids open Feb. 9, 11 AM
Barrett & Hilp, 918 Harrison St.. San Francisco (DOuglas 0700).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Louis C. Dunn Co., 799 Monadnock Bldg., San Francisco (YUkon 1471)
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).

Tulana Farms Grain Elevator, Worden, Ore.; Bids open Feb. 14, Noon.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

Tank Truck Loading Fac., Standard Oil, Richmond; Bids open Feb. 18, Noon
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980
Barrett & Hilp. 918 Harrison St., San Francisco (DOuglas 0700).

Shops Bldg., San Mateo Junior College; Bids open February 13, 8 P. M.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Monson Brothers, 475 Sixth St., San Francisco (DOuglas 5357).
Haas Constr Co., 326 Merchants' Exchange Bldg., S. F. (EXbrook 1205).
C. L. Wold Constr. Co., Ltd., 4412-16 Fulton St., S F. (SKyline 4362)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S F (EXbrook 6906 or 7054)

Superstructure, Shop Bldg. No. 411, San Francisco Naval Shipyard; Bids open February 21, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
A. Farnell Blair, 9 Main St., San Francisco (YUkon 0390)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)

Moody Motel Bldgs., Oakland; Bids open February 7, 3 P. M.
Barrett & Hilp, 918 Harrison St, San Francisco (DOuglas 0700).
G. W. Williams Co., 10 California Drive, Burlingame (Burl 4-1796)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064)

Factory, Kay Chesterfield Mfg. Co., Oakland; Bids open Feb. 8, 3 P. M.
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064)
Anderson & Hagland, Inc., 219—41st St., Oakland (OLympic 9103)
California Builders Co., Inc., Cor. Hobart and Webster Streets, Oakland (TEmplebar 6780).

Warehouse, Standard Oil Co., 7th and Irwin Streets, San Francisco; Bids open February 15.
Robert McCarthy Co., 1050 Kirkham St., San Francisco (OVerland 4050)
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624).
E. S. McKittrick Co., 610—16th St., Oakland (TWinoaks 5070)
Barrett & Hilp, 918 Harrison St.. San Francisco (DOuglas 0700).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579)
Fred J. Early Co., 369 Pine Street, San Francisco (SUtter 1731).

Armstrong & Campbell Showroom and Garage, San Rafael; Bids open February 9, 2:00 P. M.
E. P. Merritt, 102 Rialto Bldg., San Francisco (YUkon 1274).

Auto Sales and Service Bldg., San Francisco; Bids open February 18.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Peter Sorensen, 927 Arguello St., Redwood City (Redwood 2212).
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081)

California Truckaway Co Bldgs., Richmond; Bids open February 8.
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).

Theatre Bldg., Salinas; Bids open February 15, 4 P. M.
Erbentraut & Summers, 446—6th St., San Francisco (MArket 8310)

Ongara Food Locker Bldg., Greenfield Avenue, San Anselmo; Bids open February 14, 5:00 P. M.
E. P. Merritt, 102 Rialto Bldg., San Francisco (YUkon 0656).

Expansion Sheet Metal Shop, Etc., S. F. Naval Shipyard; Spec. 17230; Bids open February 7, 11 A. M.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209-.
Clinton Constr. Co. of Calif., 923 Folsom St., San Francisco (SUtter 3440)
Midstate constr Co., 1299 Bush Street, San Francisco (ORdway 4638)
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624).

Superstructure, Shop Bldg., S. F. Naval Shipyard; Bids open Feb. 21, 11 AM
Barrett & Hilp, 918 Harrison St, San Francisco (DOuglas 0700).

Chevrolet Agency, San Rafael; Bids open February 15, 5 P. M.
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).

Ongara Food Locker, San Anselmo: Bids open February 14, 5 P. M.
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).

Tool Shed, Lincoln Park Golf Course, S. F.; Bids open Feb. 11, 2 P. M.
N. O. Wiseth, 711 McAllister St., San Francisco (Fillmore 1231 or 9953)

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ADVANCE CONSTRUCTION REPORTS

2/7/46 • 16
BIDS WANTED
LYNWOOD, Los Angeles Co., Calif. —Until February 27, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's bldg., San Francisco, for interior and exterior painting at U. S. Post Office, Lynwood, Calif.

Plans and specifications obtainable from the above office of the district engineer.

2/7/46 • • 16
BID OPENED
ELECTRICAL WORK
OAKLAND, Alameda Co, Cal. Section A, Grove Street Pier.
Electrical work in connection with construction of offices on the mezzanine floor of building to involve 1458 sq. ft. area.
Owner — Oakland Port Commission, foot of Grove Street, Oakland.
Only Bidder—T. L. Rosenberg Co., 372 5th St., Oakland, $3,141.

2/7/46 • • 16
BIDS OPENED
SACRAMENTO, Calif.—Coast Directory Company, at $99.00 submitted low bid February 6 to the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for construction of new directory board in the old Post Office building at Sacramento.

Other bidders were:
Roth Directory Co., $102.60.
Tablet & Ticket Co., $140.

2/7/46 • 16
BIDS OPENED
BERKELEY, Alameda Co., Calif.—A. K. Goodmundson, 45th Ave. and Clement St., Oakland, at $465, submitted low bid January 30 to the Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for new composition roofing at the U. S. Post Office, Berkeley.

Other bidders were:
Bay Cities Roofing Co., Oakland, $540.
M. B. Heathorn Roofing Co., Oakland, $600.
J. W. Bender Roofing Co., San Francisco, $625.

2/7/46 • 15
BIDS WANTED
BERKELEY, Alameda Co., Calif.—Until February 20, 10 A. M., bids will be received by the City of Berkeley, city clerk, City Hall, Berkeley, for furnishing all labor, materials, equipment, transportation and services for painting fire house engine No. 4, located at 1450 Shattuck Ave., and for painting offices of assessor and treasurer at Public Works Department Bldg.

Specifications obtainable from the above office.

2/7/46 • 16
CONTRACT AWARDED
MEZZANINE OFFICES
Contract Price, $6867
OAKLAND, Alameda County, Calif. Grove St. Pier.
Construction of offices on mezzanine floor of building to involve 1458 sq. ft. area.
Owner — Oakland Port Commission, foot of Grove St., Oakland.
Contractor—Russell A. Cullen, 478 Jackson St., San Francisco.

18-19—RELIGIOUS BLDGS.

2/7/46 • 19
CONSTRUCTION STARTED
MORTUARY Cost, $45,000
MONTEREY, Monterey County, Calif. Franklin St.
Construction of one-story Monterey style mortuary building with shake roof, some Carmel stone and stucco.
Owner—Mission Mortuary Co.
Architect—Charles E. Butner, 7 Winham St., Salinas.
Contractor — Stolte, Inc., 8451 San Leandro St., San Leandro.

20-21—SOCIAL AND RECREATIONAL BLDGS.

2/7/46 • 20
BIDS WANTED
CROWS LANDING, Stanislaus Co., Calif—Until February 26, 11 A. M., bids will be received by the Public Works Department, 12th Naval District, 1182 Market St., San Francisco, Room 402, for outdoor gunnery range at Naval Auxiliary Air Station, Crows Landing, Calif.

The work involves construction of three wood frame towers with enclosed house on top, one approximately 48 ft. high and 17 ft. square at base, and the other two each approximately 25 ft. high and 8 ft. square at base; paving of firing platforms and walks, and construction of bullet stop, all with the necessary earthwork, paving, concrete construction, miscellaneous steel and iron work, roofing and sheet metal work, carpentr yand joinery, glazing, hardware and field painting. Specification No 17507 and other bidding information may be obtained on application to Public Works Department, Design Section, 8th floor, Whitcomb Hotel, San Francisco. Deposit of check or postal money order for $10, payable to Chief of Bureau of Yards and Docks, is required as security for safe return of each set of bidding data.

2/7/46 20
PLANNED
LODGE HALL Cost, $100,000
COOS BAY, Ore. Second and Elrod
Construction of two-story concrete and basement fireproof lodge hall (75x130 ft.).
Owner—Eagles' Lodge, H. T. Ford, chairman of building committee, 525 Broadway; John Kennedy, president of Coos Bay Aerie of Eagles.
Architect—Not selected.

22-26—RESIDENTIAL BUILDINGS

2/7/46 • 22
PLANNED
AUTO COURT Cost, $85,000
OAKLAND, Alameda County, Calif. 104th Ave. and MacArthur Blvd.
Construction of a 24-unit auto court, units to be of the latest design and furnishings of the highest type.
Owner—Ralph H. Harris.
Architect—Not announced.
Contractor—Harry K. Jensen, 4024 MacArthur Blvd., Oakland, Calif.

2/7/46 • 24
BIDS WANTED—TO BE OPENED FEBRUARY 26, 3 P. M.
RESIDENCE
SAN RAFAEL, Marin County, Calif.
Construction of one-story frame and stucco residence (two bedrooms), flat tile roof, two-car garage.
Owner—Withheld.
Architects—J. Francis Ward and John S. Bolles, 369 Pine St., San Francisco.

Plans obtainable from the architects' office.

2/7/46 • 22
BIDS WANTED—
TO BE OPENED FEB. 18, 3:30 PM
GIRLS' DORMITORY
Est. Cost, $100,000
LA GRANDE, Oregon.
Addition of wing to existing building at Eastern Oregon College of Education, La Grande; 2 sections, one 2-story, 48x48 basement with flat asphalt roof connecting to the present wing, the other 3-story, 38x62, basement with wood shingle roof.
Owner—State Board of Higher Education, Dr. Chas. Byrne, Secretary Benson Hotel, Portland.
Architect—Howard and Kable, Yeon Bldg., Portland.
Following contractors have taken out plans:
Benton Stafford, Box 84, Pendleton, Oregon.
Frank Lohse, Marcus Whitman Hotel, Walla Walla, Wash.
W. C. Smith, Inc., Board of Trade Bldg., Portland.
G. C. Gorsuch, La Grande, Ore.
W. Vedder, La Grande, Ore.
Loree Bldg. Service, La Grande.
McCormick Constr. Co., 128 SE 1st St., Pendleton, Ore.

2/7/46 • 26
PLANNED
SUBDIVISION RESIDENCES
Cost, $15,000 to $25,000
HILLSBOROUGH, San Mateo Co., Calif. Site of Carolands Estate.
Construction of 250 residences on one and two-acre sites, to start almost immediately.
Owner—Syndicate headed by T. I. Moseley of Atherton, president of Dalmo Victor Corp., 1414 El Camino Real, San Carlos.
Architect—Not announced.

28-30—MISCELLANEOUS BUILDINGS

2/7/46 • 29
PLANS BEING FIGURED
MONROVIA, Los Angeles Co., Calif. —Until February 15, bids are being received by Ellsworth & Pearson, Jay Pearson, architect, 2300 Huntington Drive, San Marino, for the construction of a group of buildings at Mayflower Ave. and Huntington Drive, Monrovia, for Rosedale's Monrovia Nursery.

The work consists of lath houses 600x46 feet in area; a wood frame sales building with redwood siding, composition roofing, awning type sash; a general office building, 40x30 feet in area, with composition roofing, redwood siding, awning type sash; a truck garage, 40x30 feet in area, composition roofing, redwood siding; all buildings to have concrete slab floors. Rear portion of the grounds will have a macadam drive, 600x40 ft. in area, cement curbs along all walks and driveways, other paving to consist of asphalt; 40x600 ft. in area, 600-ft. brick wall, 1000-ft. steel fence, 600 feet of sewers.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Sewers	39
Streets and Highways	40
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31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

2/7/46
CONTRACT AWARDED
CENTRAL VALLEY PROJECT, California.—Monarch Forge & Machine Works, Portland, Ore., at $3699 (Items 3 and 4), awarded a contract by the Bureau of Reclamation, Denver, Colo., for furnishing automatic floats, control-shaft operating mechanisms, regulating valve actuators and position indicators for the drum-gate control equipment at the Friant Dam, Friant Division, Central Valley Project, California; Specification No. 1823-D. Bids were received Nov. 27.

2/7/46 31
CONTRACT AWARDED
PACIFIC BEACH, San Diego Co., Calif.—Moffitt & Waddington Irrigation Co., 4435 Ohio St., San Diego. at $5968.37 awarded contract by the Federal Public Housing Authority, Phelan Bldg., 760 Market St., San Francisco, for installation of a lawn sprinkler system at a housing development at Pacific Beach, San Diego County.

2/7/46 • 31
COMPLETING PLANS
MORGAN HILL, Santa Clara Co., Calif.—Engineer W. J. Hanna, city engineer, Gilroy, Calif., is completing plans for the Town of Morgan Hill for the construction of an earth-fill reservoir, 4-in. transite pipe, concrete sump and pump, at an approximate cost of $1500, for which bids will be asked this coming summer.

2/746 • 32
TO ASK BIDS
DINUBA, Tulare Co., Calif.—Quinton Engineers, Ltd., 816 S. Figueroa St., Los Angeles, are preparing plans for an addition to the sewage disposal plant for the City of Dinuba at an estimated cost of $2000, for which bids will be advertised around the first part of March.

2/7/46 • 32
BIDS OPENED
ALAMEDA, Alameda Co., Calif.—Sam Hunter, 7701 San Leandro, Oakland, at $4162, submitted low bid to the Alameda City Council, city clerk's office, City Hall, for the construction of a storm sewer on west side of Everett St. from Blanding Ave. to the estuary.

Total bids were:
Sam Hunter, $4162.
M. J. Macguire and M. Hester, 796 66th Ave., Oakland, $4843.40.
Robert Dasher, $4584.
Freethy-Fogelberg Co., El Cerrito, $7897.
Edward J. Tobin, Berkeley, $4317.30.

2/7/46 • 32
PREPARING PLANS
BELVEDERE, Marin Co., Calif.—Clyde C. Kennedy, consulting engineer, 604 Mission St., San Francisco, is preparing plans for the construction of a sewage treatment plant, including mains and pipes, for the City of Belvedere.

2/7/46 • 31
PROSPECTIVE BIDDERS
YELM, Thurston Co., Wash—As previously reported, until February 14, 10 A. M., bids will be received by W. H. Frisbie, town clerk, Town Hall, Yelm, for (1) construction of a 50,000-gallon water tank, steel, elevated, and (2) construction of water mains, 4000 ft. of 6-in., 2800 ft. of 4-in. asbestos cement pipe, 12 fire hydrants, 26 gate valves and miscellaneous items.

Specifications obtainable from the above office, also from Consulting Engineer A. K. Stillman, Funk Bldg., Olympia, Wash.

The following contractors have taken out plans:
Atlas Elevator Co., 417 6th St., San Francisco 3, Calif.
Chicago Bridge & Iron Co., 22 Battery St., San Francisco 11, Calif.
Gallagher, Kirk & Thomas, 326 Perkins Bldg., Tacoma.
Leslie C. Dolan, 7461 S. 127th St., Seattle 88.
Sjoboen Bros., 3322 S. Lorne Ave., Olympia.
Lakeside Construction Co., 1122 25th Ave., Seattle.
Charles Demitch, Yelm.
C. W. Thomas & Son, Winlock.
Burrows & Milone, 3215 S. M St., Tacoma 3.
Matt Malaspina, 1901 23rd Ave. S., Seattle 44.

2/7/46 • 31
CONTEMPLATED
BEAVERTON, Ore.—The City of Beaverton, R. C. Doty, City Recorder, City Hall, is contemplating construction of a water system and sewer facilities consisting of a reservoir, water main from reservoir using approx. 7800 ft. of 12-in. pipe, replacing existing pipeline with 12-in. main from existing reservoir on Canyon Road to city limits; revamp and expand water distribution lines in city, construction of pumphouse, turbine pump, chlorination equipment, additional storm drain sewers, sewage treatment plant. Funds for the project may be obtained from a bond issue.

Preliminary surveys by Civil and Consulting Engineer John Cunningham & Associates, Spalding Bldg., Portland.

2/7/46 • 32
PREPARING PLANS
STOCKTON, San Joaquin Co., Cal. —Clyde C. Kennedy, consulting engineer, 604 Mission St., San Francisco, is preparing plans for the enlargement of existing north and south sewage treatment plants for the City of Stockton.

Bonds were voted recently to finance the project.

34—DAMS, RESERVOIRS & DREDGING

2/7/46 34
BIDS WANTED
NAPA COUNTY, Calif.—Until Feb. 27, 1:30 P. M., bids will be received by the State Engineer, Room 401 Public Works Bldg., Sacramento, for furnishing labor and materials for clearing the Rector Creek reservoir site of approximately 75 acres gross area in Sections 17, 19, 20 and 21, T. 7N., R. 4W., M.D.B. & M.

Specifications obtainable from the above office.

2/7/46 • 34
BIDS WANTED
CENTRAL VALLEY PROJECT, California.—Until March 5, 10 A. M. (tentative date), bids will be received by the U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Friant, for another 10-mile section of Friant-Kern Canal, Friant Division, Central Valley Project, Calif.

Additional information on the above will be published shortly.

The bureau anticipates issuing three or more bid calls during March, bringing the total number of miles to about 70.

2/7/46 34
PERMIT SOUGHT
MISSION BEACH, San Diego Co., Calif.—An application has been made by the Division of Beaches and Parks, Department of Natural Resources, State of California, Sacramento, Cal., for War Department permit to construct a bulkhead and pier along the face of a proposed fill area, and to dredge to depth of approximately 8 feet below mean lower low water, an area in the northwesterly section of Mission Bay. The dredged material, amounting to approximately 3,000,000 cubic yards, will be deposited along the shoreline of Mission Bay at Mission Beach, Calif., to increase the municipally owned property in this locality for recreational purposes. Drawings showing location of the proposed work are on file in the office of the U. S. District Engineer, 751 S. Figueroa St., Los Angeles. Interested persons are invited to inspect these drawings and to submit in writing, in triplate, on or before 11 A. M., Monday, February 4, 1946, any objections based on navigation interests that they may have to said work. Objections based on other than navigation interests cannot be considered.

35— DOCKS, PIERS & HARBORS

2/7/46 • 35
CONTRACT AWARDED
TERMINAL ISLAND, Los Angeles Co., Calif.—Guy F. Atkinson Co., 1103 Heartwell Bldg., Long Beach, at $134,000, awarded contract by the Hughes Aircraft Co., Florence and Teal Aves., Mar Vista, for the construction of reinforced concrete dock approximately 35x60 feet at Terminal Island for a flying boat now under construction by the Hughes Aircraft Co.

37— RAILROADS, SUBWAYS & TUNNELS

2/7/46 37
PLANNED
PALM SPRINGS, Riverside County, Calif.—The Mt. San Jacinto Winter Park Authority, Palm Springs, has reported plans to proceed with the construction of a 12,400-ft. aerial tramway linking Palm Springs to Mt. San Jacinto by way of Chino Canyon, and is beginning with a complete survey of physical and economic aspects of the proposed project.

Plans call for the operation of cable cars starting in Chino Canyon, near Palm Springs, at an elevation of 2700 feet and running to a mountain area of 8500 feet on the heights of Mt. San Jacinto; the tramway will accommodate approx. 400 passengers an hour. A roadway will be built to the lower terminus and parking facilities are planned. Terminal accommodations at each end of the tramway will also be constructed. It is expected that the Mt. San Jacinto Winter Park Authority will be granted power to issue a maximum of $3,000,000 in revenue bonds to finance construction of the project which will probably be completed within a year from the date of the award of contract. The preliminary survey and final report for the project were prepared by Engineer R. G. Cone, 602 Marshall Street, Mindan, Louisiana.

Contractors indicating an interest in engineering and construction in connection with the project include the Interstate Equipment Co., Gilbert M. Kilcarr, vice-president and chief engineer, Elizabeth, N. J.; American Steel & Wire Co., C. E. Bannerman, chief engineer, New Haven, Conn.; and Coverdale & Colpitts, c/o George Warfield, New York City. These firms either have above representatives at Palm Springs at present or have scheduled their arrival within the next week.

2/7/46 37
PROPOSED
BAKERSFIELD - LOS ANGELES, Calif. — A resolution calling for a study by the California Department of Public Works, Sacramento, on the feasibility of a highway and railroad tunnel under the Tehachapi Mountains, beteewn Bakersfield and Los Angeles, has been introduced in the California State Legislature by Assemblyman C Don Field, Glendale. The project has been proposed to improve railroad and trucking facilities between the northerly and southerly sections of the State.

38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

2/7/46 • 36
TO ASK BIDS
ALBUQUERQUE, N. M.—The Civil Aeronautics Administration, 4th region, P. O. Box 1689, Fort Worth, Texas, expects to issue a call for bids about February 15 for the construction of an instrument landing system at Kirtland Field, Albuquerque, N. M.; Proposal No. 4-46-371. Plans and specifcations available at the above office upon deposit of $10. Guarantee in the amount of 10 per cent required.

The work involves:
(1) lump sum, install localizer antenna building with steel floor and structural steel supports;
(2) lump sum, construct 12x12 ft. localizer transmitter building;
(3) lump sum, construct glide path building;
(4) lump sum, construct small marker buildings;
(5) 70 cu. yds. gravel surfacing for driveways;
(6) 5500 lin. ft. cable trench;
(7) 6000 lin. ft. install underground cable;
(8) install miscellaneous units, transformers, transformer pads, enclosures, etc.

2/7/46 • 38
BIDS WANTED
SPOKANE, Wash.—Until March 5, 1:30 P. M., bids will be received by the Bonneville Power Administration, P. O. Box 3537, Portland, Ore., for the construction of the Spokane-Colville 115 kv. wood pole transmission line. The project is to begin at Mead substation, near Spokane, and continue in a northerly direction to a point near Colville, approximately 62 miles in length. The work consists of wood pole H-frame structures of design. Plans and specifications may be obtained from the above office upon deposit of $25.

39—SEWERS

2/7/46 • 39
TO ASK BIDS
ROSEVILLE, Placer Co., Calif.—Civil Engineer Frank E. Packard, 312 Lincoln St., Roseville, is preparing plans and bids will be asked in about six weeks for the construction of a sewer system to include sewer laterals and alterations to district pumping unit, new pumps, etc., at an approximate cost of $27,000

2/7/46 39
BONDS APPROVED
EL CENTRO, Imperial Co., Calif.—The City of El Centro approved the sale of $375,000 in bonds at a special election January 29 for the improvement of the city water and sewer systems. The storm sewer will provide drainage for the business and residential districts and vegetable packing sheds through a 5-ft. reinforced concrete conduit. Plans and specifications were prepared by Engineers Lippincott & Rowe, 714 W. Olympic Blvd., Los Angeles.

2/7/46 • 39
BOND ELECTION
CERES, Stanislaus Co., Calif.—The City of Ceres will vote April 9 on a proposal to issue bonds to finance expansion of the present sewer system to cost approximately $29,000.

2/7/46 • 39
CONTRACT AWARDED
SAN FRANCISCO.—M. & K. Corp., 200 Financial Center Bldg., at $116,946.50, awarded contract by the Department of Public Works, Room 282 City Hall, under Spec. 19,851 for construction of Upper Army sewer system "A" in Church St. from 25th to 27th Sts.

40— STREETS AND HIGHWAYS

2/7/46 • 40
BIDS WANTED
CENTRAL VALLEY PROJECT, California—Until March 6, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Redding, Calif., at the option of the bidder, one operating unit with control equipment, and one lot of plate-steel inlet and discharge pipes for a 72x93-inch horizontal jet pump for the fish trap at Keswick Dam, Central Valley Project, California; Specification No. 1163. All of the apparatus will be installed by the government. The specifications contain a provision for liquidated damages for delay. No charge for copies of the specifications to prospective bona fide bidders; to others, $1.50, not returnable.

2/7/46 • 40
NEW BIDS WANTED
GLENDALE, Los Angeles Co., Calif.—Until February 15, 5 P. M., new bids will be received by Jones California Homes, 448 S. Hill St., Room 1018, Los Angeles, for the installation of 152 ft. of 8-in. concrete curb and gutter, 1729 ft. of 4-in. black-topping, and 500 lin. ft. 4-in. cast iron or ceramic sewers (with or without materials) including ditching and backfilling, under City of Glendale inspection, in Harlow Dr. at Sleepy Hollow, Glendale. Completion time 10 days.

No bids were received at the February 1 bid opening for this project.

Tentative estimates are also desired for work to begin in about 60 days in connection with the above project as follows:
(1) 4000 sq. ft. 3-in. asphalt paving for driveway on private property adjacent to the above work;
(2) 800 lin. ft. of standard cement curb and gutter and 800 lin. ft. of asphalt 4-in. pavement for Sleepy Hollow Dr., 24-ft. wide;
(3) 3000 ft. 3-n. asphalt for driveway and badminton court on adjacent property.

2/7/46 • 40
BIDS WANTED
LOS ANGELES, Calif. — Until 10 A. M., March 6, bids will be received by the Los Angeles Board of Public Works, Room 153 City Hall, Los Angeles, for the grading, paving and otherwise improving of Harmony Ave. and Magnolia Blvd.; 1911 act. Engineer's estimate, $10,196.56.

The work involves:
(1) lump sum. 1690 cu. yds. cut and 67 cu. yds. fill, including removal of 76 lin. ft. of curb and 80 sq. ft. of pavement;
(2) 29,933 sq. ft. 4-in. rock and oil roadway on 3-in. disintegrated granite base;
(3) 50 sq. yds. 8-in. concrete pavement;
(4) 53 lin. ft. concrete curb, type B;
(5) 2490 lin. ft. integral curb and gutter, type C;
(6) 25 sq. ft. 1-course sidewalk, 3-in. thick;
(7) 120 sq. ft. 4-in. concrete driveways;
(8) 55 sq. ft. 6-in. concrete gutters;
(9) 16 lin. ft. wooden guard rail;
(10) lump sum, resetting 3 manholes.

2/7/46 • 40
BIDS WANTED
NEW MEXICO STATE HIGHWAY.—Until February 15, 10 A. M., bids will be received by F. G. Healy, state highway engineer, State Capitol Bldg., Santa Fe, N. M., for the construction of New Mexico Project No. F-99 (4), locted in Lincoln County on U. S. Highway Route No. 54, between Carrizozo and Tularosa, a length of approximately 8.222 miles. The work will consist of grading, minor drainage structures, five multiple concrete box culverts each over 20-ft. clear span, one treated timber bridge 201.25 feet in length, one treated timber bridge 151.72 feet in length, watering and rolling, ballast, leveling course, bituminous top course surfacing and miscellaneous construction. Specifications available at the above office. Certified check in the amount of $17,500 required.

2/7/46 • 40
BIDS WANTED
NEW MEXICO STATE HIGHWAY.—Until February 15, 10 A. M., bids will be received by F. G. Healy, state highway engineer, Capitol Bldg., Santa Fe, N. M., for the construction of New Mexico Project No. S-58 (3), located in Union County on N. M. Highway Route No. 58, between Springer and Clayton, a length of 10.298 miles .The proposed work will consist of grading and shaping present roadbed, watering and rolling, placing ballast and leveling course, and bituminous top course surfacing and miscellaneous construction. Specifications available at the above office. Certified check in the amount of $5700 to accompany bids.

2/7/46 • 40
BIDS WANTED
NEW MEXICO STATE HIGHWAY.—Until February 15, 10 A. M., bids will be received by F. G. Healy, state highway engineer, State Capitol Bldg., Santa Fe, N. M., for the construction of New Mexico Project No. S-88 (2), located in Roosevelt County on N. M. Highway Route No. 92, between Elida and Dora, a length of approxmately 18.633 miles. The work will consist of grading, minor drainage structures, one multiple concrete box culvert over 20-ft. clear span, watering and rolling, leveling course, ballast, bituminous top course surfacing and miscellaneous construction. Specifications available at the above office. Certified check in the amount of $10,000 to accompany bids.

2/7/46 • • 40
CONTRACT AWARDED
COLUSA COUNTY, Calif.—Harms Brothers, Route 4, Box 2220, Sacramento, at $219,031 awarded contract by the State Division of Highways, C. H. Purcell, State Director of Public Works, Public Works Building, Sacramento, for about 3.3 miles in length to be graded and surfaced with plant mix surfacing on cement treated base and a reinf. concrete bridge to be constructed across Cortina Creek, between 3 miles north of Arbuckle and 4 miles south of Williams, in Colusa County.

2/7/46 40
NOTICE
LOS ANGELES COUNTY, Calif.—A representative of the district office of the State Division of Highways will accompany prospective bidders over the proposed project in Los Angeles County, road VII-LA-Terminal Island, for which bids are to be received in Los Angeles on February 21, 1946. Said representative will meet prospective bidder at the north end of the Henry Ford plant on Henry Ford Ave. on Wednesday, February 13, 1946, at 10 A. M., and on Tuesday, February 19, 1946, at 10 A. M. Prospective bidders are urged to cooperate with the district office and arrange to make their field inspection on the above dates.

2/7/46 40
WORK ORDERED
SEATTLE, Wash.—Work has been ordered by the City Council, Chas. L. Wartelle, City Engineer, County-City Bldg., for the construction of paving on Snoqualmie St. from 10th St. to S 15th St.

2/7/46 • 40
BIDS WANTED
ARIZONA STATE HIGHWAY.—Until February 15, 11 A M., bids will be received by the Arizona State Highway Commission, 1739 W. Jackson St., Phoenix, Ariz., for grading, draining, placing base material and road mixed bituminous surfacing SC-4, beginning about 1¾ miles southeast of Bisbee and extending easterly on Benson-Douglas Highway in Cochise County, Arizona.; F. 11 (6), AFE 8096, a total distance of approximately 3¾ miles.

The work involves:
(1) 152,400 cu. yds. roadway excavation;
(2) 3500 cu. yds. overbreakage;
(3) 14,000 cu. yds. drainage excavation;
(4) 4300 cu. yds. structural excavation;
(5) 182,000 sta. yds. overhaul;
(6) 21,400 cu. yds. mile haul;
(7) 43,600 tons imported borrow;
(8) 38,300 tons select material;
(9) 15,100 tons aggregate base;
(10) 8000 M gallons sprinkling;
(11) 2200 hours rolling;
(12) 400 hours mechanical tamping;
(13) 1812 cu. yds. concrete;
(14) 180,000 lbs. reinforcing steel;
(15) 3082 lin. ft. bituminous coated CMP;
(16) 885 cu. yds. plain riprap;
(17) 2850 lin. ft. road guard;
(18) 5800 lin. ft. combination curb and gutter;
(19) 4400 sq. ft. concrete sidewalk;
(20) 12,800 tons road mix;
(21) 935 tons road Oil, SC-4;
(22) 1300 tons screenings;
(23) 172 tons emulsified asphalt, class "A";
(24) 8700 sq. yds. remove concrete pavement.

Plans available from the above office upon payment of $10.75. Guarantee of 5% to accompany bid.

2/7/46 • 40
BIDS OPENED
SAN FRANCISCO.—Chas. L. Harney, 625 Market St., San Francisco, at $2248, submitted low bid to the Department of Public Works, Room 282 City Hall, for improvement of Pine St. between Kearny and Stockton Sts.

Work involves approximately 24,462 estimated square feet of non-skid emulsified concrete.

Only other bidder was Fay Improvement Co., 760 Market St., San Francisco, $4400.

2/7/46 • 40
BID OPENED
SAN FRANCISCO.—Chas. L. Harney, 625 Market St., San Francisco, at (1) $.35, (2) $1.25, (3) $2.50, total $5050, submitted only bid to the Department of Public Works, Room 282 City Hall, for improvement of 43rd Ave., east half, between Ortega and Pacheco Sts.

The work involves:
(1) 12,000 sq. ft. asphaltic concrete on rock base pavement, consisting of 6-in. compacted rock subbase, a 4-in asphaltic concrete base and a 2-in. asphaltic concrete wearing surface;
(2) 600 lin. ft. unarmored concrete curb;
(3) 40 lin. ft. 8-in. vitrified clay pipe side sewer.

41—GAS, WATER AND OIL PIPE LINES

2/7/46 • 41
BIDS OPENED
PORTLAND, Ore. — George Abraham, Builders' Exchange Bldg., at $149,861 via rail, $139,898 via water, submitted low bid to the office of C. E. Carter, engineer, 822 Spalding Bldg., Portland (to be opened at 8 P. M.), at the pumphouse of the Water District, SW. 40th Ave. and Taylors Ferry Rd., Portland, for the construction of water mains and appurtenances, Portland.

The work involves:
(1) 8800 lin. ft. 12-in. cast iron pipe;
(2) 4000 lin. ft. 10-inch do;
(3) 16,000 lin. ft. 8-inch do;
(4) 9000 lin. ft. 6-inch do;
(5) 15,000 lin. ft. 4-inch do;
(6) 800 lin. ft. 2-inch do;
(7) 6000 lin. ft. ⅛-in. copper piping;
(8) 13,200 lin. ft. ½-inch do;
(9) necessary gate valves, fittings and appurtenances.

Complete bids were:
George Abraham, Builders' Exchange Bldg., via rail $149,861, via water $139,898.

Other bidders:
P. S. Lord, 4507 SE. Milwaukie, rail $160,529.61, water $151,318.41.
Ford & Walters, Seattle, rail $161,898.90, water, $150,492.70.
Empire Construction Co., 4506 SE. 39th, rail $163,984.20, water $153,787.80.
Parker-Schram Co., Couch Bldg., rail $180,321.60, water $169,064.
Rushlite Automatic Sprinkler Co., 55 NE. Farragut, rail $185,474.40, water $176,307.

Contract to be awarded about February 4.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Misc. Supplies & Materials	42
Machinery and Equipment	43

42— MISC. SUPPLIES AND MATERIALS

2/7/46 • 42
WEST LOS ANGELES, Calif.—Until February 13, 1:30 P. M., bids will be received by the Veterans' Administration, V. A. Center, Los Angeles 25, for furnishing (1) 6500 lbs. ⅝-in. round, deformed reinforcement bars for concrete; (2) 2000 lbs. ¼-in. round reinforcement bars for concrete; (3) 300 lbs. 8 D scaffold; (4) 100 lbs. 16 D scaffold; (5) 200 lbs. black annealed No. 17 gauge wire; (6) 110 cu. yds. ready-mix concrete, 1-2½-5; Inv. No. 46-487.

2/7/46 •.. 42
BIDS WANTED
RITZVILLE, Wash.—Until Feb. 15, 11 A. M., bids will be received by Big Bend Electric Co-operative, Ritzville, for Wash. 9036-B1 Adams Project, construction of 200 miles of single phase 7200-volt distribution line. Alt. bid for three different types of poles (1) cedar, (2) tamarack, and (3) full treated Douglas fir. Delivery date information to be furnished with each type pole.

Materials for this project, with the exception of poles, have been ordered by the co-operative. The major portions of materials, including part of conductor, is already in warehouse.

Specifications obtainable from the above office, also from Inland Engineering Co., R. G. Klatt, Construction Engineer, Rod Inbody, Resident Engineer, Ritzville, upon deposit of $25.00.

2/7/46 • • 42
CONTRACT AWARDED
SAN FRANCISCO.—Jas. A. Nelson Co., 1375 Howard St., at $4938 awarded contract by the Department of Public Works, Room 282, City Hall, for gas burner equipment for present boilers at Galileo High School.

2/7/46 • • 42
CONTRACT AWARDED
SAN FRANCISCO.—James A. Nelson Co., 1375 Howard St., at $3488, awarded contract by the Department of Public Works, Room 282, City Hall for new duct work and lint catcher at San Francisco Hospital, Potrero Ave. between 22nd and 23rd Streets.

43— MACHINERY AND EQUIPMENT

27/46 • 43
BIDS WANTED
TACOMA, Wash.—Until February 16, 10 A. M., bids will be received by Capt. G. A. Duncan, officer in charge of construction, Bureau of Yards and Docks, 13th Naval District, Exchange Bldg., Seattle, under Spec. No. 17417 for construction, including assembling and delivering, of 14 camels, 2 pontoons wide by 18 pontoons long, and 24 camels 8 pontoons wide and 12 pontoons long, and providing for installation of timber fenders thereon, at Todd Pacific Shipyard, Inc., Tacoma, inactive fleet berthing facilities.

Specifcations obtainable from the above office.

2/7/46 • • 43
BIDS WANTED
BERKELEY, Alameda Co., Calif.—Until Feb. 20, 10 A. M., bids will be received by the City of Berkeley, city clerk, City Hall, Berkeley, for furnishing labor and materials for installing blast coils in warm air ducts of steam heating system at Main Public Library, 2090 Kittredge St., Berkeley.

Specifications are obtainable from the above office.

2/7/46 • 43
BIDS WANTED
SANTA CRUZ, Santa Cruz Co., Calif.—Until February 11, 9 A. M., bids will be received by the City Council of Santa Cruz, A. J. Miller, clerk, for furnishing one Austin-Western power grader, or equal, and a tandem roller, or equal.

Specifcations obtainable from the above office.

2/7/46 • 43
BIDS WANTED
LONG BEACH, Los Angeles Co., Calif.—Until February 14, 10 A. M., bids will be received by the Harbor Commissioners of the City of Long Beach, office of the port manager, 1333 El Embarcadero, Long Beach, for the rental of construction equipment over a period ending July 31; Specification No. H D 210. Plans and specifications are available from the above office upon deposit of $5.

Bids will be taken on the following equipment:
(1) 90-110 h.p. diesel tractor with bulldozer;
(2) 72-80 h.p. diesel tractor with bulldozer;
(3) 52-62 h.p. diesel tractor with bulldozer;
(4) 7½-10 cu. yd. scraper;
(5) 10-13½ cu. yd. scraper;
(6) 13½-16 cu. yd. scraper;
(7) ¾ cu. yd. crawler tractor with front end loader;
(8) 1½ cu. yd. crawler tractor with front end loader;
(9) heavy duty diesel motor grader;
(10) ½ cu. yd. crawler type dragline;
(11) 7½-10 ton truck crane;
(12) ½ cu. yd. clamshell buckets;
(13) 12-15 ton 3-wheel rollers;
(14) 8-12 ton 2-wheel rollers;
(15) 4-5 cu. yds. dump trucks for earth and rock work;
(16) 6-12 cu. yd. dump trucks for earth and rock work;
(17) water tank with road sprinkler;
(18) "A" frame truck with 10-ton winch.

2/7/46 • 43
BIDS WANTED
ORANGE COUNTY, Calif. — Until February 11, 10 A M., bids will be received by the County of Orange, office of the purchasing agent, Room 150, Courthouse Annex, Santa Ana, for furnishing the following equipment, f.o.b. county yard, Santa Ana, Calif.; Bid No. 2617:
(1) one diesel tractor (Caterpillar D-6 or equal); credit to be allowed on 1934 Allis-Chalmers tractor;
(2) one diesel motor grader (Caterpillar No. 12 or equal); credit to be allowed on 1937 Allis-Chalmers tractor, 1937 Caterpillar grader, 8-ft. manual control 10-ft. mold board, 1923 Killefer rooter, 5-pt. manual control, 1926 Killefer disc, 24-18-in. discs, manual control;
(3) one diesel motor graded (Caterpillar No. 12 or equal); credit to be allowed on 1937 Allis-Chalmers tractor, 1926 Killefer disc, 12-18-in. disc, 1937 Caterpillar grader, 8-ft. manual control, 10-ft. mold board, 1926 Killefer rooter, 5-pt. manual control;
(4) one diesel motor grader (Caterpillar No. 12 or equal); credit to be allowed on 1937 Allis-Chalmers tractor, prior 1924 Killefer rooter, 5-pt. manual control, 1929 Adams 8-ft. grader, manual control;
(5) one diesel motor grader (Caterpillar No. 12 or equal); credit to be allowed on 1935 Allis-Chalmers tractor, prior to 1924 Killefer rooter, 5-pt. manual control, 1936 Austin Western 8-ft. grader, manual control, prior to 1924 Killefer 12-18-in. disc, manual control;
(6) one 8-ton portable roller, tandem (bid on both gas and diesel);
(7) one 3-ton roller, tandem (bid on both gas and diesel);
(8) one 8-ton portable roller; tandem (bid on both gas and diesel); credit to be allowed on 1925 Buffalo Springfield 8-ton tandem roller;
(9) one 8-ton roller, tandem (bid on both gas and diesel); credit to be allowed on 1926 Buffalo Springfield 8-ton tandem.

The used equipment is located at either the county yard at Garden Grove or Fullerton, Calif., and is available for inspection.

2/7/46 • 43
BIDS WANTED
SAN FRANCISCO—Until February 13, 1:45 P. M., bids will be received by the Department of Public Works, Room 282 City Hall, for insulation of Pacific boilers at the Argonne School.

Specifications obtainable from the office of Superintendent of Buildings R. A. Chisholm, 490 11th St.

2/7/46 • 43
BIDS WANTED
CONTRA COSTA COUNTY, Calif. —Until February 19, 8 P. M., bids will be received by the high school board of the John Swett Union High School District of Contra Costa County, P. F. Merchant, clerk, for the purchase of one stage control board of the modified preset type consisting of a composite pilot board and dimmer bank, a circuit breaker panel, a cross connecting panel and a magnetically operated contactor board. Entire board shall be designed for operation on 230/115 volt, 60 cycle alternating current.

Plans and specifications for this control are on file in the office of the clerk of the high school board of said district in the High School building in Crockett, Calif.

2/7/46 • 43
BIDS WANTED
SAN FRANCISCO—Until February 20, 2:30 P. M., bids will be received by the Department of Public Works, Room 282 City Hall, for additional equipment for kitchen at Galileo High School, Bay St. and Van Ness Ave.

Plans and specifications obtainable from the office of City Architect Dodge A. Riedy, City Hall, upon deposit of $5.

(Continued on Page Four)

Prospective Bidders

Moody Motel Buildings, Oakland, Calif.

BIDS: Architects Miller & Warnecke, Financial Center Bldg., Oakland, February 7, 3 P. M.

Barrett & Hilp, 918 Harrison St., San Francisco.
Frank F. Burrows, 10 California Drive, Burlingame.
E. T. Leiter Sons, 811 37th Street, Oakland.
Stolte, Inc., 8451 San Leandro St., Oakland.
Parker, Steffens & Pearce, 135 So. Park, San Francisco.
M. & K. Corp., 200 Financial Center Bldg., San Francisco.

Building Permits, Contracts---Recorded Notices

BUILDING PERMIT Applications $500 AND OVER

SAN FRANCISCO

1-STORY FRAME RESTAURANT and STORE, $25,000; SE Taraval and 46th Ave; owners, Elias Leiden and John Magliocco, 572 Bosworth; day work.

1-STORY FRAME STORES, $9850; N Judah 95 E 45th Ave; owner, Ida M Cambridge, 4629 Irving St; builder, R B Hamill, 4124 Geary Blvd.

1-STORY FRAME DWELLING, $8000; NE 36th Ave and Ortega; owner and builder, Morton Rude, 2 Willard.

1-STORY FRAME DWELLING, $5800; W 22nd Ave 193 N Noriega; owner and builder, Marvel Home Builders, 1815 42nd Ave.

1-STORY FRAME DWELLINGS (10), $5500 each; SE 45th Ave and Ortega; SE 45th Ave 25, 50, 75, 100, 125, 150, 175, 200, 225 S Ortega; owner and builder, Geo P Belcher, 3330 San Bruno Ave.

ALTER CHEMICAL LABORATORY, $5000; 351 8th St; owner, Multiphase, Inc, prem; builder, Empire Construction, 344 Harriet St.

ALTER STORE, $2500; 877 Market; owner, Grayson, premises; builder, Midstate Construction, 1299 Bush St; architects, Gerren & Krummell, 1424 N Kings Rd, Hollywood, Calif.

ALTER STORE, $1000; 1183 Potrero Ave; owner, Frank Cella, prem; builder, Richard M Tone, 1555 Page.

ELECTRIC SIGN, $960; 912 Cole St; owner, Jack Morris, prem; builder, Brumfield Electric; 965 Folsom St.

BILLBOARD, $960; S Greenwich 250 W Hyde; owner, M T Kniesche, 1274 Filbert; builder, E P Merritt, 102 Rialto Bldg.

ALTER FLATS AND SHOP, $850; 218 Presidio Ave; owners, A W and Ruth A Stone, prem; day work.

ALTER CAFE, $600; 697 3rd St; owner, F Kouchan, prem; builder, R Allison, 540 30th Ave.

OAKLAND

ADDITION, 1-story concrete, $9000; 4016 E 14th St; owner, Sun Roof Co, premises; contractor, B & R Constr Co, 368 Market St, San Leandro; architect Ray F Keefer, 770 Wesley Ave.

DWELLING, 1-story 5-room, $5000; 2566 Truman Ave; owner, T P Walker, 1239 15th Ave; contractor, Walker Constr Co, 1239 15th Ave.

RETAINING WALL, $500; 283 MacArthur Blvd W; owner, Andrew Williams, Inc, prem; contractor, E J Freethy, 1432 Kearney St, El Cerrito.

DWELLING, 1-story 6-room, $10,000; 4638 Geranium Pl; owner and contractor, L H Lincoln, 4158 Mtn Blvd.

ADDITION, 1-story, to factory, $3,000; 1127 57th Ave; owner, Keystone Products, 1127 57th Avenue; contractor, W A Rose, 478 25th St.

ALTER apts, $800; 803 55th Street; owner and contractor, R E Jeffreys, premises.

ALTERATIONS, $800; 1606 70th Ave; owner, A Carlson, prem; contractor, N H DeShong, 3248 San Pablo.

ALTER and repair, $2000; 816 Alice St; owner, Lee Fong, prem; contractor, Economy Bldrs, 476 37th.

STORE, 1-story, $4000; 2546 73rd Ave; owner, Carl Doerfler, 5200 Camden St; contractor, William H Anderson, 3031 67th Ave.

ALTER and repairs, $5000; 3201-03 Grand Ave; owner, Otto P Meyer, 6344 Ascot Drive; contractor, W A Rose, 478 25th St.

DWELLING, 1-story ,5-room, $5000, and 1-story garage, $500; 10137 Voltaire Ave; owner and contractor, E R Blabon, 2327 99th Ave.

ADDN, $1000; 5356 Princeton Street; owner H B Masterson, prem; contractor, A Salel, 10035 E 14th St.

APARTMENTS, two-story 20-room, $24,000, and 1-story garage, $1000; 6309-6311-6315-17 MacArthur Blvd; owner and builder, B A Stifle, 2450 Frances St.

SIGN, roof, $2000; NE Cor 21st and Broadway; owner and contractor, Special Site Sign Co, 3225 Louise.

BURLINGAME

RESIDENCE, $7000; Lot 8 Blk 10, Toyan Dr; owner and contractor, Kenneth L Ohran.

STUCCO exterior, $600; 915 Chula Vista; owner, Mrs May; contractor, Fred E Whelan, 1105 Dufferin Avenue.

APT. BLDG, eight, $45,000; Lot Q Blk 6, Floribunda; owner and contractor, M J Terranova, 618 10th Ave, San Mateo.

ADDN to shop bldg, $3500; 404 Primrose Road; owner, F P Butcher; contractor, G W Williams Co, 10 California Drive.

RESIDENCE, $8000; Lot 6 Blk 4, Bloomfield; owner, D E Tromble; contractor, I Caster, 1150 Jones St, San Francisco.

SAN MATEO

MARKET, $3250; Lot 5 San Mateo Drive; owner, Central Market; contractor, Charles Pedersen, 333 Occidental Ave, Burlingame.

REPAIR dwelling, $590; 60 Clark Dr; owner, D E Gunn; contractor, Peninsula Roofing & Tile Co, 310 El Camino Real, Redwood City.

REPAIR dwelling, $525; 145 El Camino; owner, Nellie Watkins; contractor, Peninsula Roofing & Tile Co, 310 El Camino Real, Redwood City.

DWELLINGS, three, $16,000 ea; 509, 515, 523 Maywood Dr, owner and builder, R H Grant Constr Co, 54 Fernwood Drive, San Francisco.

GARAGE, $600; 1542 Locust Street; owner, Elaine F and Nora T Walker; contractor, E F Walker.

ALTER dwelling, $1000; 275 W 3rd; owner, Clifford Anderson; contractor, Chas. Hammer, 1524 Floribunda Ave, Burlingame.

STORE, $24,000; 3425 San Mateo Dr; owner, L D Bombay; contractor, Geo Arthur & Sons, 941 S Claremont Street.

STORE, $23,000; 216 San Mateo Dr; owner, D A Raybould; contractor, Gould Constr Co, 680 Laurel St, San Carlos.

MOTEL, $100,000; 350 Bayshore 600 S Poplar; owners, A A Kirkham, J Jones, Ed Skolan, E J Link and M F Stock; contractor, G W Williams Co, 10 California Dr, Burlingame.

BUILDING PERMITS Granted $500 AND OVER

SAN FRANCISCO

FEBRUARY 6, 1946

ALTER flats, $900; 3354-56 Steiner; owner, T Bozzini.

ALTER store, $10,000; 130 Hayes St; owner, P T Parker Co.

ALTTR dwelling, $900; 1403 Willard St ;owner, Lloyd F Butcher.

ALTER plant, $500; 3070 17th St; owner, LeRoy Olson Co.

ALTER bldg, $625; 341 O'Farrell St; owner, Mr Lambert.

BLDG, 1-story frame, $4800; S Topeka 80 W Venus; owner, E W Perkins & Sons.

BLDGS, four 1-story frame, $4800 each; S Topeka 105, 130, 155, 180 W of Venus; owner, E W Perkins & Sons.

ALTER garage, $750; 901 Florida St; owner, Felice Fanucchi.

ALTER store, $2000; 4083 24th St; owner, Dr J H Seymour.

Completion Notices

SAN FRANCISCO

Recorded Accepted

Feb 6, 1946—343 ARLETA AVE. Stephen Heckert to whom it may concern..........February 6, 1946

ALAMEDA COUNTY

Recorded Accepted

Feb 6, 1946—1023 VICTORIA ST, San Leandro. John Piece to Roy Johnson..........February 4, 1946

Feb 5, 1946—5370 HARBORD DR, Oakland. Nat M and Louise C Fox to Fox Constr Co..........November 1, 1945

Feb 5, 1946—20 RIO VISTA AVE, Oakland. Ernest W Gutieben to Harry K Jensen....January 31, 1946

Feb 5, 1946—SE COR MEADE and Market Sts, Oakland. Leslie A Elliott to Swanstrom & Stahl..........January 25, 1946

Feb 6, 1946—LOTS 5 and 6 Blk G Rose Park Tract, Oakland. Norman V and Alice M Batstone to Sol Scherman..........January 30, 1946

MARIN COUNTY

Feb. 4, 1946—Property on highway between San Rafael and Sausalito. Henry G and Mabel Andler to Oliver Bean..........Jan. 26, 1946

Release of Liens

ALAMEDA COUNTY

Recorded Amount

Feb 6, 1946— PTN LOTS 21 and 27 of Bernap Ptn of Rancho De Valle De San Jose, Murray Twp. Elmer M Shephard to Harry and Denise Lovett $350.00

Liens Filed

ALAMEDA COUNTY

Recorded Amount

Feb 6, 1946;—715 39th ST, Oakland. Superior Tile Co vs Wm C and Ethel L Dixon..........$96.00

Non-Responsibility

SAN FRANCISCO ALAMEDA COUNTY

Feb 4, 1946—SW Second 46 NW Jessie NW 23 x SW 57-6. Eugenie La Coste, Marie and P A Bergerot as to improvements on property.

Fab 4, 1946—S 24th 25 E York E 135 S 100 W 160 N 7 E 25 N 93. Alexandria Realty Co as to improvements on property.

Electrical Permits

SAN FRANCISCO

8355 1098½ Hollister; owner, Prenchett; contractor, Ets-Hokin & Galvan; ....

8356-57 476 38th Ave; owner, ...; contractor, Black & Gustavson; motors

8358 350 Ellis St; owner, Angelica Jacket Shop; contractor Crown Elec Co; 3 plugs.

8359 365 Taylor St; owner, Grant Cafe; contractor, Crown Elec Co; 2 outlets; motors.

8360 Geary and 5th Ave; owner, French Hospital; contractor, Crown Elec; 24 outlets.

8361 350 Union Street; owner, Golden Gate Nursery; contractor, Crown Elec Co; 4 outlets; 4 switches

8362-65 Various locations and owners; contractor, Brumfield Electric Sign Co; signs.

8366 525 Bright; owner, ...; contractor, Kennedy Elec; motors.

8367 44 Del Monte St; owner, ...; contractor, Kennedy Elec Co; motors.

8368 W Ingalls 100 N Thomas; owner, ...; contractor, Edison El Constr Co; ....

8369 341 Taraval; owner, Arnott; contractor, Edison Elec Constr Co; service.

8370 684 3rd St; owner, F Williamson Estate; contractor, Kuchel & Sievers Elec Works; ....

8371 1507 Polk; owner, Kaplanis; contractor, Mohrdick Elec Co; alterations.

8372 565 Commercial St; owner, Britton & Rey; contractor, Mohrdick Elec; motors.

8373 108 Serrano Dr; owner, Metropolitan Parkmerced Comm; contractor, Mohrdick Elec Co; ....

8374 735 Bryant; owner, Bellevue Creamery; contractor, Mohrdick Elec; motors.

8375 123 Jackson; owner, Campbell Equipment; contractor, Mohrdick Elec; motors.

8376 78 Tehama; owner, Merritt; contractor, Mohrdick Elec; motors.

8377-79 Various locations and owners; contractor, Apex Elec Co; signs.

8380 942 Howard St; owner, Mercury Press; contractor, Stone-Ryals Elec; ....

8381 63 5th St; owner, Leader Lunch; contractor, Stone-Ryals Elec & Mfg Co; ....

8382 100 3rd St; owner, Rochester Clothing; contractor, Stone-Ryals El & Mfg Co; ....

8383 265 Montgomery; owner, Walston, Hoffman & Goodwin; contractor, Buzzell Elec Works; 7 plugs

8384 417 Montgomery St; owner, General Petroleum Co; contractor, Cimino Elec Co; alterations.

8385 NE Cor Howard and Van Ness Ave South; owner, General Petroleum; contractor, Cimino Elec Co; 2 outlets.

8386 130 West Portal Ave; owner, Owl Drug Co; contractor, Cimino El; alterations.

8387 801 Clement; owner, Bank of America; contractor, Fred D Wilson Co, Inc; ....

8388 16 California Street; owner, Harper; contractor, Fred D Wilson Co, Inc; ....

8389 1801 Baker St; owner, Trevor & Co; contractor, Eureka Elec Co; ....

8390 2206 Bayshore Blvd; owner, Gus Restaurant; contractor, Eureka Elec; 1 plug; service.

8391 576 Folsom St; owner, Jas Burr; contractor, Pacific Electric & Mfg; 5 outlets; 3 switches; 10 plugs; motors.

8392 Sptter and Kearny Streets; owner, Sherman & Clay; contractor, Pacific Elec & Mech; 170 outlets; 49 switches; 139 plugs.

8393 3880 Clay; owner, Bevis; contractor, Lynch Electric; service.

8394 1522 Eddy; owner, Howard; contractor, A N Howard; 3 outlets; 1 switch; 2 plugs.

8395 950 Mason; owner, Al Williams; contractor, G H Armstrong Electric; alterations.

8396 2345 Diamond; owner, ...; contractor, Wm Hannessey; 14 outlets; 8 switches; 12 plugs; service.

8397 California and Mason Sts; owner, Mark Hopkins Hotel; contractor, H C Reid; motors.

8398 1135 Mission; owner, Riley; contractor, Smith Electric; 4 outlets; 6 plugs; service.

8399 723 Irving St; owner, Petaluma Egg Co; contractor, Smith Electric; 4 outlets; 1 switch; service; motors.

8400 1529½ Steiner; owner, Rector; contractor, Byington Electric; 6 outlets; 2 switches; 4 plugs; service.

8401 1570 Stockton; owner, Paul; contractor, Byington Electric; 8 outlets; 2 switches; 6 plugs; service.

8402 345 Sutter; owner, Faye; contractor, Byington Electric; alterations.

8403 1457 Lake St; owner, Revel; contractor, Manning & Whitaker; service.

8404 229 2nd Ave; owner, D C Schenk; contractor, Manning & Whitaker; 7 outlets; 6 switches; 10 plugs; service.

8405-11 Various locations; owner and contractor, Foster & Kleiser; signs.

8412 201 Mississippi; owner, Northern California Hardware; contractor, Stone-Ryals Electric; 3 outlets; 8 plugs.

8413 750 Battery; owner, Stiefvaters; contractor, G Vaccarino; 6 outlets; 1 switch; 5 plugs.

8414 967B Hudson Ave; owner, ...; contractor, Wm Alexander; 6 outlets; 3 switches; 4 plugs; service.

8415 490 5th St; owner, Geo M Robinson Co; contractor, Kuchel & Sievers Electric; service; motors.

8416 772 Ashbury; owner, Mrs Laury; contractor, O'Keeffe the Fan Man; 4 outlets; 1 switch; 3 plugs; motors.

8417 831-33 San Jose Ave; owner, A Vernengo; contractor, O'Keeffe the Fan Man; 6 plugs.

8418 2255 Mission; owner, Mission Reliable Furniture Co; contractor, Porter Electric; 12 outlets; 2 switches

8419 817 36th Ave; owner, J Solache; contractor, Porter Electric; 38 outlets; 35 switches; 54 plugs.

8420 401 Kansas; owner, Greyhorn Lines; contractor, Central Electric; motors.

8421 369 Ellis St; owner, Castle Coffee Shop; contractor, Central Electric; 1 plug.

8422 320 Alemany; owner, ...; contractor, H C Wilson; 6 outlets; 4 swtiches; 5 plugs; service.

FOR SALE
Fully Equipped
Brockway Line Truck
oOo
V. G. ELECTRIC CO.
330 SEVENTH ST., RICHMOND
Phone RICH. 4710

OAKLAND

35251 7408 E 14th St; owner, Calaoa; contractor, Collins Electric; outlets; switches; fixtures; plugs.

35252 1801 13th Ave; owner, Atencio Bros; contractor, Shea Electric; alterations.

35253 5774 Shafter Ave; owner, Mendenhall; contractor, Roberts Lighting Fixture Co; 17 outlets; 9 switches; 16 plugs.

35254 1819 Wood; owner, Schrader; contractor, T L Rosenberg; service.

35255 3865 Greenwood; owner, Gunter; contractor, T L Rosenberg Co; service.

35256 26th and Broadway; owner, Weaver Paps; contractor, T L Rosenberg; outlets; plugs.

35257 SE 19th and Broadway; owner, Rose; contractor, T L Rosenberg; outlets; switches; fixtures; plugs.

35258 3130 E 14th St; owner, Peterson; contractor, T L Rosenberg Co; outlets; switches; fixtures; plugs.

35259 326 Lewis St; owner, Wil-Mac Welding Co; contractor, Matson Electrical; switches.

35260 7th and Terminal; owner, Corrugated Kraft Containers; contractor, California Electric; 31 outlets; 31 fixtures.

35261 3233 Market St; owner, Standard Brands; contractor, California Electric Co; outlets; switches.

35262 3137 Adeline St; owner, Doe; contractor, California Electric Co; alterations.

35263 41st Avt E 14th St; owner, Dalley Motor Co; contractor, California Electric Co; alterations.

35264 2900 23rd Ave; owner, Lake; contractor, Dimond Electric; 2 outlets; 1 switch; 1 fixture.

35265 4169 Maple; owner, Mason; contractor, Paramount Electric; saw motor.

35266 452 Clifton; owner, Harding; contractor, Paramount Electric Co; fixtures; alterations.

35267 1427 Broadway; owner, Kronard; contractor, Western Neon Corp; sign.

35268 768 106th Ave; owner, Almosi & Gilberti; contractor, Del Monte Electric; outlets; switches; fixtures; plugs.

35269 Claremont and Clark; owner, Pacific Heating & Ventilating; contractor, Clifford Electric; furnace.

35270 16th and Jefferson; owner, Pacific Bldg; contractor, Clifford Electric; furnace.

35271 8733 D St; owner, Smith; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35272 5940 San Pablo; owner, Millitello; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35273 15038 Broadway Terrace; owner, E P Todd; contractor, special owner; 20 outlets; 14 switches; 12 fixtures.

35274 2107 San Pablo; owner, Kauchens Art Store; contractor Electrical Products Corp; sign.

35275 3025 23rd Ave; owner, Hagen; contractor, special owner; fixtures; alterations.

35276 E 14th and 40th Ave; owner, Curtola Co; contractor, Ets-Hokin & Galvan; outlets; switches; fixtures; plugs.

35277 1051 19th Ave; owner, Curtola Co; contractor, Ets-Hokin & Galvan; motors.

35278 3515 Laurel; owner, Carl Monzo; contractor, special owner; 9 outlets; 2 switches; 3 fixtures; 6 plugs.

Engineering Section

(Continued From Page Three)

36— PARKS, AIRPORTS & PLAYGROUNDS

2/7/46 • 36

BIDS WANTED

ST. GEORGE, Utah.—As previously reported, until February 18, 10 A. M., bids will be received by the Civil Aeronautics Administration, 1500 4th St., Santa Monica, for the construction of improvements to the intermediate landing field at St. George, Utah; Proposal 6-46-129.

The work involves clearing, grading, graveling and sealing northeast-southwest runway; clear, grade and smooth northwest-southeast landing strip; erection of a 16x24-ft. prefabricated steel panel watchhouse building, 8x12-ft. prefabricated steel building for telephone termination equipment, construction of a sewage system, installation of receiving antenna poles, including obstruction lighting, and installation of subsurface power lines and conduit and other miscellaneous items connected with the establishment of control quarters for an airways communication station at St. George, Utah, intermediate landing field.

The bids will be taken as follows:

Schedule I (Alternates A and B)

Preparation of Site

(1) 152 acres clearing and grubbing;
(2) 64,000 cu. yds. grading, common excavation;
(3) 4800 cu. yds. grading, rock excavation;
(4) 22,000 cu. yds. borrow, unclass.;
(5) 4200 M gallons watering as ordered;
(6) 290 sq. yds. erosion protection, 3-in. gravel-oil mix;
(7) 6 cu. yds. concrete in place for drainage structures;
(8) 12 cu. yds. structural excavation, unclassified;
(9) 50 acres smoothing landing strip outside graded area;
(10) 23,000 lin. ft. fence, new, class D, 4-wire, wood or steel posts;
(11) lump sum, 14-ft. steel gate in place;
(12) lump sum, 10-ft. concrete cattle guard in place, per Dr. D-2112;

Alternate A

(a) 21,200 cu. yds. 9-in. crushed gravel base course, in place;
(b) 1500 M gallons watering as ordered;
(c) 43,000 gallons liquid asphalt, MC-2;

Alternate B

(a) 21,200 cu. yds. 9-in. uncrushed gravel base course, in place;
(b) 1500 M gallons watering as ordered;
(c) 43,000 gallons liquid asphalt, MC-2;

Total Schedule I—Alternate A.
Total Schedule I—Alternate B.

Schedule I (Alternates C and D

(13) 152 acres clearing and grubbing;
(14) 59,000 cu. yds. grading, common excavation;
(15) 4800 cu. yds. grading, rock excavation;
(16) 23,000 cu. yds. borrow, unclass.;
(17) 4200 M gallons watering as ordered;
(18) 290 sq. yds. erosion protection, 3-in. gravel-oil mix;
(19) 6 cu. yds. concrete for drainage structures in place;
(20) 12 cu. yds. structural excavation, unclassified;
(21) 50 acres smoothing landing strip outside graded area;
(22) 23,000 lin. ft. fence, new, class D 4-wire, wood or steel posts;
(23) lump sum, 14-ft. steel gate in place;
(24) lump sum, 10-ft. concrete cattle guard in place per Dr. D-2112;

Alternate C

(a) 14,200 cu. yds. 6-in. crushed gravel base course in place;
(b) 1000 M gallons water as ordered;
(c) 43,000 gallons liquid asphalt, MC-2;

Alternate D

(a) 14,200 cu. yds. 6-in. uncrushed gravel base course in place;
(b) 1000 M gallons watering as ordered;
(c) 43,000 gallons liquid asphalt, MC-2;

Total Schedule I—Alternate C.
Total Schedule I—Alternate D.

Schedule I (Alternates E and F)

(25) 152 acres clearing and grubbing;
(26) 71,000 cu. yds. grading, common excavation;
(27) 8800 cu. yds. grading, rock excavation;
(28) 64,000 cu. yds. borrow, unclass.;
(29) 7200 M gallons watering as ordered;
(30) drainage:
(a) 2800 lin. ft. 12-in. corrugated metal pipe in place;
(b) 520 lin. ft. 18-in. corrugated metal pipe in place;
(31) 35 cu. yds. concrete in place for catchbasins, headwalls, spillways, check dams, aprons, etc.;
(32) 15 each, catchbasin gratings and frames, steel;
(33) 1000 cu. yds. structural excavation, common;
(34) 500 cu. yds. structural excavation, rock;
(35) 290 sq. yds. erosion protection, 3-in. gravel;
(36) 50 acres smoothing landing strip outside graded area;
(37) 23,000 lin. ft. construction class D fence with wood or steel posts, including all materials;
(38) lump sum, 14-ft. steel gate in place;
(39) lump sum, 10-ft. concrete cattle guard in place per Dr. D-2112;

Alternate E

(a) 14,200 cu. yds. 6-in. uncrushed gravel base course in place;
(b) 1000 M gallons watering as ordered;
(c) 43,000 gallons liquid asphalt, MC-2;

Alternate F

(a) 14,200 cu. yds. 6-in. crushed gravel base course in place;
(b) 1000 M gallons watering as ordered;
(c) 43,000 gallons liquid asphalt, MC-2;

Total Schedule I—Alternate E.
Totel Schedule I—Alternate F.

Schedule II—Control Station

Site Preparation

(40a) 200 sq. ft. construct concrete walks;
(b) 80 lin. ft. construct concrete curbs;
(41) 16x24-ft. type "S" watchhouse building;
(a) 12 cu. yds. earth excavation for foundation;
(b) 1 cu. yds. rock excavation;
(c) 10 cu. yds. concrete foundation;
(d) lump sum, erect building complete, including wood flor and covering, wiring, plumbing and fixtures, per Spec. CAA-52;
(e) lump sum, paint exterior, including roof lettering;
(f) lump sum, paint interior;
(g) lump sum, install government furnished oil heater;
(h) lump sum, install 560-gallon above ground fuel tank complete per Dr. 1703-9D;
(42) 8x12-ft type "S" telephone termination building;
(a) lump sum, erect government furnished 8x12-ft. building complete, including concrete foundation and floor, electrical wiring and painting;
(b) 85 lin. ft. furnish and install 2½-in. metallic conduit in trench from telephone termination building to watchhouse, including underground entrance into each building;
(43) related construction:
(a) lump sum, furnish and install complete sewer system, including concrete septic tank and drainage field per Spec. CAA-131 and Drs. 6-A-544 and D-3093;
(b) 270 lin. ft. trench excavation and backfill, 18 inches deep;
(c) 80 lin. ft. trench excavation and backfill, 36 inches deep;
(d) 175 lin. ft. install government furnished power entrance cable in trench for watchhouse and telephone building, including all connections and terminations;
(e) 3 each furnish and install 30-ft. receiving antenna poles, guyed and including messenger cable as indicated Dr. 6-C-946-13;
(f) 3 each, install double obstruction lights on antenna poles;
(g) 250 lin. ft. install obstruction light power cable in trench;
(h) lump sum, furnish and install all conduit and fittings, meter box, ground rod and all connections for power company terminal pole per Dr. 2106-2 (see alternate below);
(i) lump sum, furnish and install 25-ft. pole and all conduit, fittings, meter box, ground rod and all connections per Dr. 2106-1 (if ordered). (Alternate to (h) above.

Total Schedule II.

Specifications obtainable from the above office.

Prospective Bidders

Showroom and Garage, 4th and Crescent Sts., San Rafael, Calif.

BIDS: Armstrong & Campbell, c/o Consulting Engineers H. M. O'Neill Co., 610 16th St., Oakland, February 9, 2 P. M.

E. S. McKittrick Co., 610 16th St., Oakland.

Leibert & Caletti, 28 Francisco Blvd., San Rafael.

Litchfield Construction Co., 721 Francisco Blvd., San Rafael.

E. P. Merritt, 102 Rialto Bldg., San Francisco.

Theater Building, Salinas

BIDS: Architect Francis E. Lloyd, 210 Post St., San Francisco, Feb. 15, 4 P. M.

Erbentraut & Summers, 446 Sixth St., San Francisco.

Stolte, Inc., 8451 San Leandro St., Oakland.

Howson Brothers, Gilroy.

Carl N. Swenson Co., 355 Stockton Avenue, San Jose.

Sheet Metal Shop, 22nd and S Sts., Sacramento

BIDS: Architect Gordon Stafford, Insurance Bldg., 806 K St., Sacramento, February 15, 4 P. M.

Campbell Constr. Co., 800 R St., Sacramento.

Lawrence Constr. Co., 3020 V St., Sacramento.

Holdener Constr. Co., 2608 R St., Sacramento.

Chas. F. Unger, 2426 Seventh Ave., Sacramento.

H. W. Robertson, 2917 T St., Sacramento.

Central California Constr. Co, 116 Erie St., San Francisco.

Factory Building, 5425 E. 14th St., Oakland

BIDS: Architects Miller & Warnecke, Financial Center Bldg., Oakland, February 8, 3 P. M., for Kay Chesterfield Manufacturing Co.

H. L. Risdon & Sons, 5977 Majestic Ave., Oakland.

Hans C. Jensen, 3906 Oakmore Rd., Oakland.

Anderson & Hagland, Inc., 219 41st St., Oakland.

Stolte, Inc., 8451 San Leandro St., Oakland.

E. T. Leiter Sons, 811 37th Street, Oakland.

Classified Advertising

WANTED

ESTIMATOR with Building exp. or Engineering training. State previous exp. and education. Good future for ambitious young man. Reply Box 130 c/o Daily Pacific Builder. (tf)

BLDG. CONSTR. SUPT., good future. State experience and references. Reply Box 16, c/o Daily Pacific Builder. tf

POSITION WANTED

SALESMAN - ESTIMATOR — All Building Materials — wants position. Reply Box 21, c/o Daily Pacific Builder. to 2/7/46

CONSTRUCTION MAN, 20 years' exper., age 42; houses, stores, industrial, frame reinforced concrete. Estimating, Bid Supervision; 8 years construction material exp. For interview: H. Hines, Box 943, Concord, Calif. (to 2/12/46)

Exp. all-round CONSTRUCTION SUPT. holding Class A California Contractor's License, desires connection with general contracting firm in Bay district. Write to 215C S. American St., Stockton, Calif., or phone 2-4688. (2/5-6-7-8-11/46)

DRAFTSMAN for making FURNITURE LAYOUT PLANS. Need not be graduate nor of prevous experience in the business. Steady employment. Phone UNderhill 0468, Mr. Windhorst. (2/5-6-7/46)

HELP WANTED

ESTIMATOR with PAINTING CONTRACTING EXPERIENCE. Apply 2019 Blake St., Berkeley. Phone AShberry 1616. to 2/21/46

Bid Opening Schedule

BUILDING PROJECTS

Bid Opening Date	Project	Location of Project	Noted in Issue
2- 7	Expand Sheet Metal Shop (Navy)	San Francisco	1-18
2- 7—	1:00 P.M.—School	Montebello	1-31
2- 8	School (County)	Pima County, Arizona	1-25
2- 8—	Newspaper Building	Anchorage, Alaska	1-25
2- 8—	2:00 P.M.—School	Avondale	1-31
2- 8—	2:00 P.M.—School	Dominguez	1-31
2- 8—	3:00 P.M.—Factory	Oakland	2- 1
2- 9—	11 A.M.—Store	Pittsburg	1-25
2- 9—	2:00 P.M.—Showroom	San Rafael	2- 5
2-11—	8:00 P.M.—School Furniture	Buttonwillow	1-31
2-11—	2:00 P.M.—Shed	San Francisco	2- 1
2-11—	2:00 P.M.—Furnaces	San Francisco	2- 1
2-13	School (County)	Shafter	1-24
2-13—	8:00 P.M.—Shops Building	San Mateo	1-29
2-14	Grain Elevator (Tulana Farms)	Warden, Ore.	1-23
2-14—	5:00 P.M.—Fencing	Fresno	2- 6
2-14—	5:00 P.M.—Locker Building	San Anselmo	2- 6
2-15—	4:00 P.M.—Theater	Salinas	2- 6
2-15—	4:00 P.M.—Shop	Sacramento	1-31
2-15—	10 A.M.—Dispatch Hall	Wilmington	1-30
2-15—	Warehouse	San Francisco	2- 4
2-18—	8:00 P.M.—Schoolroom	Pittsburg	1-29
2-18	Steel Partitions (Govt.)	Denver, Colo.	1- 8
2-18	2:00 P.M.—Women's Dormitory	Corvallis, Ore.	2- 5
2-18—	3:30 P.M.—Girls' Dormitory	La Grande, Ore.	2- 5
2-19—	2:00 P.M.—Hospital	Salem, Ore.	2- 5
2-19	Bond Election (Dist.)	San Jose	1- 7
2-19—	2:00 P.M.—Hospital	Salem, Ore.	2- 4
2-20—	2:00 P.M.—Repair Post Office	Downey	2- 4
2-21	Paint Post Office (Govt.)	Redondo Beach	1-18
2-21—	11:00 A.M.—Shop	San Francisco	1-31
2-25	Painting and Repairs (Govt.)	San Diego	1-23
2-26	Hospitals (Veterans' Admin)	Grand Junction, Colo.	1-25
2-27	Addition to School (Dist.)	Downey	1-16
2-27—	2:00 P.M.—Elevator	Tacoma, Wash.	1-29
2-27—	7:30 P.M.—School	Shafter	1-30
2-27—	2:00 P.M.—Painting	St. Anthony	2- 4
3- 1	Painting (Govt.)	Eureka, Utah	1-25

ENGINEERING PROJECTS

Bid Opening Date	Project	Location of Project	Noted in Issue
2- 7	Overhead Crossing (State)	Los Angeles County	1- 8
2- 7	Spillway (Govt.)	Canton Dam, Oklahoma	1- 4
2- 7	Spillway, Etc. (Dist.)	Canton, Okla.	1-10
2- 8	Sewers (City)	San Francisco	1-17
2- 8—	11:00 A.M.—Paving	San Francisco	1-31
2- 8	Addl. Paving (Navy)	San Francisco	1- 8
2- 8	Paving (Navy)	San Francisco	1-25
2- 8	Improve Alley (City)	Sacramento	1-22
2- 8	Scott Street Sewer (City)	San Francisco	1-21
2- 8	Electric Distribution System (Govt.)	San Diego	1-22
2- 8—	8:00 P.M.—Sewers	Calistoga	1-29
2-11	Cargo Vessels (Govt.)	Washington, D. C.	1-18
2-11	Furnish Labor (City)	Wolf Point, Mont.	1-25
2-11	Transmission Line (Govt.)	Oroville to Sacramento	1-16
2-11—	2:00 P.M.—Water Main	San Francisco	2- 1
2-11—	11:00 A.M.—Parking Facilities	San Diego	1-31
2-11—	3 P.M.—Cast Iron Main	San Francisco	1-30
2-11—	11:00 A.M.—Parking Facilities	San Diego	2- 4
2-11—	2:00 P.M.—Drilling Well	Hanksville	2- 4
2-11—	2:00 P.M.—Drainage	San Francisco	2- 4
2-12—	2:00 P.M.—Wreckage of Tug	San Francisco	2- 4
2-13—	1:30 P.M.—Transmission Line	Portland, Ore.	1-30
2-13	Grading, Etc. (State)	El Dorado County	1-15
2-13—	11 A.M.—Water Pipe System	San Diego	1-25
2-13	Sewers (County)	Los Angeles County	1-21
2-13	Sanitary Sewers (County)	Los Angeles County	1-21
2-13—	10:00 A.M.—Traffic System	Vallejo	2- 6
2-14—	10 A.M.—Water Tank	Yelm, Wash.	1-30
2-14	Overhead Crossing (State)	Los Angeles	1-15
2-14	Overcrossing (State)	San Diego	1-15
2-14	Overcrossing (State)	Los Angeles	1-15
2-14—	10 A.M.—Highways	Olympia, Wash.	1-30
2-14—	10 A.M.—Water Mains	Yelm, Wash.	1-30
2-14—	10:00 A.M.—Ramps	Astoria, Ore.	2- 4
2-14—	10:00 A.M.—Sewer	Fresno	2- 5
2-15	Resurface Road (City)	El Dorado County	1-22
2-15—	10:00 A.M.—Well	North Las Vegas	1-29
2-15—	2:00 P.M.—Levee Setback	Sacramento County	2- 6
2-16—	10:00 A.M.—Runway	St. George, Utah	1-29
2-16	Improve Pine St. (City)	San Francisco	1-21
2-18	Runways (Govt.)		1-23
2-18—	11:00 P.M.—Bridge	Merced	1-29
2-18—	5 P.M.—Sewage	Kelso, Wash.	1-30
2-18—	2:00 P.M.—Highways	Snohomish County, Wash.	2- 5
2-19—	10:00 A.M.—Sewer	Riverside	2- 6
2-19—	8:00 P.M.—Sewers	Tracy	1-29
2-19	Concrete Water Tank (City)	Ritzville, Wash.	1-16
2-19	Reservoir (City)	Ritzville, Wash.	1-21
2-19—	2:00 P.M.—Ferry	Solano County	2- 4
2-21	Improve Highway (State)	Los Angeles	1-22
2-21	Freeway (State)	Los Angeles	1-24
2-21	Fort Gibson Dam (Govt.)	Fort Gibson, Okla.	1-18
2-27—	2:00 P.M.—Bridge	Solano County	1-29
2-26—	10:00 A.M.—Storm Drain	Los Angeles County	2- 5
2-26—	10:00 A.M.—Tunnel Lining	Colorado-Big Thompson Project	2- 5
2-27—	2:00 P.M.—Highways	Contra Costa County	1-29
3- 1—	1:30 P.M.—Highway	Nevada State Highway	1-31
3- 6—	2:00 P.M.—Highways	Monterey County	2- 5
3- 6—	2:00 P.M.—Highways	Alameda County	2- 5
3- 6—	2:00 P.M.—Highways	Oakland	2- 5
3- 7—	2:00 P.M.—Highways	Los Angeles County	2- 5
3- 7—	2:00 P.M.—Bridges	San Diego County	2- 5
3- 7—	10:00 A.M.—Earthwork	Shoshone Project	2- 6
3-12	Kortes Dam (Govt.)	Missouri Basin Project	1-18
3-15—	2 P.M.—Steel Towers	Central Valley Project	1-30

SUPPLIES AND EQUIPMENT

Bid Opening Date	Project	Location of Project	Noted in Issue
2- 7—	Rock surfacing	Sacramento	2- 6
2- 7—	Plant Mix	Sacramento	2- 6
2- 7—	10 A.M.—Pump and Motor	Los Angeles	1-25
2- 8—	2 P.M.—Household Goods.	San Francisco	1-30
2- 8—	10 A.M.—Property Sale	San Francisco	1-29
2- 8—	2 P.M.—Tires	San Francisco	1-29
2- 8—	2 P.M.—Telephones	San Francisco	1-29
2- 8	Fire Hose (Govt.)	San Francisco	1-21
2- 8	Hatchets (Govt.)	San Francisco	1-21
2- 8	Cars (Govt.)	Shoshone Project, Wyoming	1-22
2- 8	School Coach (Dist.)	Inyo County	1-15
2- 8	Transformers (Govt.)	Shoshone Project, Wyoming	1-23
2- 8—	2:00 P.M.—Axes, Saws, Etc.	San Francisco	1-31
2- 8—	2:00 P.M.—Office Supplies	San Francisco	2- 1
2- 8—	2:00 PM.—Steel Bars	Denver, Colo.	2- 4
2- 8—	2:00 P.M.—Motorcycles	Sacramento	2- 5
2-11—	3:00 P.M.—Tractors	Alameda County	2- 5
2-11—	3:00 P.M.—Brake Blocks	San Francisco	1-31
2-11—	2:00 P.M.—Conductors, Etc.	Denver, Colo	2- 1
2-11—	3:00 P.M.—Iron B & S	San Francisco	2- 1
2-11—	7:00 P.M.—School Bus	Lebec	2- 1
2-11—	3:00 P.M.—Carbon Brushes	San Francisco	2- 4
2-11—	Plant Surfacing	Sacramento	2- 6
2-11	Shovel Handles (Govt.)	San Francisco	1-18
2-11—	2 P.M.—Fire Engine	Riverside	1-25
2-11—	8 P.M.—Sand-Gravel	Kingsburg	1-29
2-12—	2 P.M.—Burlap	San Francisco	1-29
2-12—	2 P.M—Tractor	San Francisco	1-29
2-12—	2 P.M.—Shroud Line	San Francisco	1-29
2-12—	2 P.M.—Torches	San Francisco	1-30
2-12—	2:00 P.M.—Pipe	San Francisco	2- 6
2-13—	1:00 P.M.—Calculating machines	Oakland	2- 6
2-13—	2:00 P.M.—Alidades	San Francisco	2- 6
2-13—	3:00 P.M.—Test Borings	San Francisco	2- 6
2-13—	3:00 P.M.—Neon Sign	San Francisco	2- 6
2-13—	3:00 P.M.—Cloth	San Francisco	2- 1
2-13—	5:30 P.M.—Pipe	Oakland	2- 1
2-13—	7:30 P.M.—Trucks	Modesto	1-29
2-13—	7:30 P.M.—Sedans	Modesto	1-29
2-13—	7:30 P.M.—School Bus	Coalinga	1-29
2-13	Span Bridge (State)	Kern County	1-15
2-13—	10:00 A.M.—Paint	Berkeley	1-31
2-13—	10:00 A.M.—Sockets	San Francisco	2- 4
2-14—	2 P.M.—Burlap Wrappers	San Francisco	1-25
2-14—	2 P.M.—Cellulose Tape	San Francisco	1-25
2-14—	2 P.M.—Garbage Cans	San Francisco	1-30
2-14—	10:30 A.M.—Rails	Portland, Ore.	2- 4
2-14—	10:00 A.M.—Paint	San Francisco	2- 5
2-14—	10:00 A.M.—Webbing	San Francisco	2- 5
2-15—	10:00 A.M.—Machines	San Francisco	2- 5
2-15—	10:00 A.M.—Cable	San Francisco	2- 5
2-15—	11:00 A.M.—Hardware	San Francisco	2- 5
2-15—	2:00 P.M.—Clamps	Denver, Colo.	2- 5
2-15—	5:00 P.M.—Pipe	Sacramento	2- 5
2-15—	10:00 A.M.—Heater, Etc.	San Francisco	2- 4
2-15—	2 P.M.—Pumps	Los Angeles	1-25
2-15—	2 P.M.—Fiber Door Mats	San Francisco	1-29
2-15	Transformers (Govt.)	Las Cruces, N. M.	1-21
2-15—	Autos	San Francisco	2- 6
2-18	Structural Steel Anchorages, Etc. (Govt.)	Central Valley Proj.	1-15
2-18	Tank Truck Facilities (Standard Oil Co.)	Richmond	1-25
2-18—	2:00 P.M.—Notebook Holders	San Francisco	2- 1
2-18—	2:00 P.M.—Telephone Wire	San Francisco	2- 1
2-18—	10:00 A.M.—Oars	San Francisco	2- 6
2-19—	3:00 P.M.—Storage Tank	San Francisco	2- 6
2-19—	2:00 P.M.—Spools	San Francisco	2- 1
2-19—	2:00 P.M.—Hose	San Francisco	2- 4
2-20—	10:00 A.M.—Seats	San Francisco	2- 5
2-20—	10 A.M.—Sedan	Reno, Nev.	1-25
2-21—	10:00 A.M.—Pumps	San Francisco	2- 6
2-21—	10:00 A.M.—Gear Shift	San Francisco	2- 6
2-25—	10:00 A.M.—Road Oil	Helena, Mont.	2- 6
2-25	Radio Appliances (Govt.)	Denver, Colo.	1-22
2-25—	3:00 P.M.—Gate Valves	San Francisco	1-31
2-27—	2:00 P.M.—Elevator	Central Valley Project	1-31
2-28—	2 P.M.—Cars	Redding	1-29
3- 4—	2 P.M.—Cars	Redding	1-29
3- 7	Pumps, Etc. (Govt.)	Columbia Basin Project.	1-11
3-12—	2 P.M.—Cars	Denver, Colo.	1-29
3-15—	10:00 A.M.—Drum Gates	Central Valley Project	2- 1
3-19—	2:00 P.M.—Pumps	Denver, Colo.	1-31
3-20	Sanitary Sewer (City)	Mill Valley	1-18

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SAN FRANCISCO, FRIDAY, FEBRUARY 8, 1946

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PLANS and Speculations

Sacramento. The following firms have recently announced building plans:

Golden State Co., 214 19th St., producers of milk products, are now modernizing their milk fluid department at a cost of $50,000; will modernize the ice cream department at a cost of $50,000; build truck housing and a new office building at a cost of $100,000.

Hires Bottling Co., 1901 21st St., will erect an additional new building and install equipment for carbonating beverages at an approximate expenditure of $150,000.

B. L. Lancaster Co., wholesale grocers and distributors, will erect a new warehouse at 24th and R Sts., at an estimated cost of $50,000.

California - Western States Life Insurance Co. will remodel the 20x160-ft. building owned by the company adjoining the home office building. Cost is estimated at $80,000.

Made Rite Sausage Co., 3535 2nd Ave., will expand quarters and facilities, spending an estimated $200,000 for building and equipment.

Sacramento Frosted Foods Co. plans to erect an additional food processing building at 818 D St. The building, of concrete and brick, will cost $50,000.

Herman Davis & Sons will erect a new building for optometry at 1213 L Street at an estimated cost of $60,000.

Sutton-Morf Tractor and Equipment Co. will erect new quarters at 1901 Broadway at an estimated cost of $57,000. This will provide sales, service, and storage facilities for tractors, power equipment, farm implements, and parts.

Greyhound Lines will expand facilities at 7th and L Sts., purchasing the Berry Garage building and expending $500,000 on the new Sacramento terminal.

American Fuels and Materials Company, 2700 Stockton Blvd., are enlarging facilities for sale of building materials and plan extensive expansion of the glass and glazing department at a cost of $100,000.

Country Maid Cream, 1030 J St., will remodel present quarters and expand, adding adjacent store building. Additional space will be utilized for fountain lunch and candy busines. Estimated cost is $95,000.

oOo

Survey Shows Scientific Application of Color Will Reduce Plant Accident Rate

A recent survey of 46 different type industrial and manufacturing plants revealed that the scientific application of color has provided clean, wholesome, morale - building working areas and the natural result has been the elimination of one of the prime sources of industrial accidents, district paint and branch managers of the Pittsburgh Plate Glass Company were told today.

"Improvement of actual environment in industry through the application of the Principles of Color Dynamics is emerging as one of the more significant advances in industrial safety made during the war years," E. D. Peck, general paint manager for the company, declared in an address at the Roosevelt Hotel.

Prior to the war, color was rarely conceded to be a safety morale factor in industry. Paint was considered only as a preservative in the average pre-war plant. As a result, color often was so misused that it actually produced industrial hazards.

Most plant walls were painted white and the machinery a dull, drab gray. This combination of reflecting and absorbing colors robbed the worker of whatever illumination was available. Unknowingly, he was placed under mental and physical strain.

However, demands from the military services for unprecedented amounts of war materials opened the way for the application of scientific color principles on a practical scale.

Seeking every possible means to produce a mountain of materials on time for the United States and allied military machines, production officials turned their plants over to the color engineers. As the shades of green, ivory, blue, yellow, and other up-to-now interior decorators' colors replaced the traditional gray, white and black, a new and functional means of promoting industrial safety, and consequently increased production, war born.

Peck revealed that in the survey of the 46 industries, a cross-section of the thousands of plants using the Color Dynamics system, plant officials credit engineered color as one of the basic factors toward attaining maximum safety.

He said, "This survey was not an attempt to determine the exact percentage value of Color Dynamics application as a safety or production factor. Since production officials are employing any number of new industrial incentive programs simultaneously, the aim of the survey was to establish the general trends and accomplishments of scientific color use particularly as it related to safety promotion."

One of the basic ideas of the Principles of Color Dynamics is its use for identifying safe and dangerous areas of production machinery. By use of focal and eye-rest colors, each part of the machine is so treated that moving parts, switches, levers, and wheels are spotlighted for the operator's convenience.

Peck quoted George Schneider, assistant general manager, Arrow Metal Products, Detroit, as stating: "The practice of painting vital parts of the machines in different colors has made operations much safer. Painting the handles ivory and switches orange has enabled our men to reach for controls almost automatically. We have also painted dangerous parts of the machines a bright orange so that the men are constantly warned away from the danger zone."

In concluding his address, Peck said: "It is evident that the engineered use of color in industry for safety purposes is still in its infancy. As more and more plants adopt this method of styling their plants and equipment, safety engineers will discover new and different ways in which color can solve safety problems. These plants will find, as the others already have, that Color Dynamics can be used as a specific safety 'tool".

ERNEST J. KUMP ON JURY TO PICK CONTEST WINNERS

Streamlining to Chicago, airlining thence to Atlanta, Georgia, is San Francisco architect Ernest J. Kump, to sit on the jury which will pick the winners in the nation-wide $10,000 prize architectural contest for best designs of a realistic small-family house.

The contest, which has attracted wide attention in architectural circles, is being conducted by "Progressive Architecture" (Pencil Points), national architectural magazine, and sponsored by Atlanta's big department store, Rich's Inc. Kump, whose design of Fresno's new City Hall won a national award, was chosen to represent the West on the jury.

Use "Builderads"– They Bring Results

AGC Of America To Hold Annual Convention

The 27th annual convention of The Associated General Contractors of America will be held February 18 to 22 at the Stevens Hotel in Chicago.

Managing Director H. E. Foreman announced today that all problems related to getting a large volume of construction under way in 1946 as rapidly as possible will be discussed by guest speakers, association officers and members.

Names of the speakers will be announced at a later date when final arrangements have been concluded with all those who will be able to attend and address the meetings.

This will be the first convention since 1942 to which it has been possible to invite the full membership of the association. Membership of the national association now includes more than 3,300 leading general contractors throughout the country.

"During 1946 the construction industry is faced with greater demands for its services than can be fulfilled even with several years of operations at levels higher than ever attained before," Foreman said. "Although the future is filled with uncertainties caused by shortages of materials and labor, rising prices, and other factors, the nation needs and wants construction and our industry must do everything possible to satisfy those needs as quickly as possible.

"At this convention we hope to explore the entire construction outlook and take action with a view to meeting the urgent needs of building, highway, heavy and all types of construction."

The opening session will be held the afternoon of February 18. Other convention sessions will be held Tuesday, Wednesday and Thursday of the week, concluding with the annual banquet Thursday evening.

—V—

OFFICE BUILDING OF FUTURE TO BE DUST- AND MICROBE-PROOF

New York.—The skyscraper of the future will not only be air conditioned. It will be screened for dust and protected against microbes, according to Robt. W. Dowling, president of City Investment Building.

Dowling told the building management division of the Real Estate Board that the new business buildings would also be equipped with concealed lighting and new heating devices that combine the best features of radiant, panel and hot air systems.

One of the largest new buildings now being planned, the speaker said, will have arcaded sidewalks, which will have the effect of widening the street at that point.

On the question of parking space Dowling voiced suggestions that buildings providing inside parking space should be rewarded with some sort of tax rebate.

GROOVER AND I

STRIKES

The press wires have just carried a story concerning a strike by the Rabbis in the Kosher meat markets of Los Angeles.

★ ★ ★

This brings to mind the fact strikes are not new. In the year B. C. 1491 there was a strike which changed the entire course of human history.

★ ★ ★

The Pharaohs, who held monopoly on the commerce, industries and black markets of Egypt, installed a "speed-up" system in their brickyards. They had a "task-and-bonus system"—without the bonus.

★ ★ ★

The order went out that brick makers were to maintain production of their daily quota of brick, but in addition were to gather and supply their own straw.

★ ★ ★

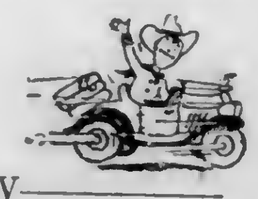
"Go ye, get your straw where ye can find it; yet not ought of your work shall be diminished".

★ ★ ★

This led to a strike by the Children of Israel, who walked off the job. The Red Sea proved to be a most effective picket line. Read the story in your Bible—Exodus, 5:6.

★ ★ ★

The Pharaohs also cut out the daily rest period of the workmen, adding another "beef" to this strike, which occurred 3,437 years ago.



—V—

NEW DOORHOLDER ANNOUNCED

A new idea in doorholders has just been introduced to the building, hardware, and institution fields. It's the Doormaster, a patented, spring - loaded doorholder which the manufacturers claim holds the heaviest doors without slipping.

This sturdy doorholder employs the spring idea in an entirely different way, bringing to bear much greater pressure without slipping. Doormaster is built compactly, closely hugs the door, thereby eliminating stumbling or tripping. A bullet-catch holds Doormaster firmly up and out of the way when not in use. Two flat head screws are all that are needed to mount this doorholder.

Doormaster is fabricated of durable aluminum and mounts a tough rubber foot firmly to the spring-loaded piston. This sturdy doorholder can be used for theatres, public buildings, stores, schools, office buildings, homes or wherever a rugged doorholder is needed. Door master list price is $1.95.

For further information write to Swallow Airpane Co. Inc., Wichita 1, Kansas.

Hundreds of Miles of Roads, Highways Recommended for Columbia Basin Project

Each of the 17,000 farms expected to be established in the Columbia Basin Project in south-central Washington will have direct access to a county road if recommendations contained in a report by a group of planning authorities are adopted by State, County and Federal agencies in developing vehicular routes for the area, the Bureau of Reclamation announced today.

Under the title "Highway Development", the planners' report points out that a coordinated network of roads and highways will increase safety, eliminate needless construction and provide maximum convenience for the thousands of settlers developing the newly irrigated region.

Travel in the Basin will justify construction of hundreds of miles of primary and secondary State highways, the report comments, estimating that daily use of these main roads will total more than 1,200,000 vehicle miles.

"The project area lies between the two major portions of the State now most heavily populated," the report continues. "It is about 80 miles long, from north to south, and from 30 to 60 miles wide. Hence, with appropriate planning, many segments of a State highway network, needed to interconnect portions of the project area, will also improve connections between adjacent parts of the State.

"It has long been recognized that a maximum degree of economy, safety, and service adequacy could be achieved if the road system for an irrigated area were as carefully planned as the irrigation system. The Columbia Basin presents an unusual opportunity for such planning, which will yield substantial benefits to the State, to the counties in which the project lies, and to the settlers."

Conforming with the Columbia Basin Project Act of March 10, 1943, plats of all farm units in each irrigation block in the area will be available before water is delivered. The planners advised that a tentative layout for county roads be prepared after the location of principal canals, State highways, and towns, but before the farm unit plats for irrigation blocks are formed. They also urged that rghts-of-way be reserved in the plats.

"The tentative road plans would then serve as guides in the preparation of farm unit plats and would be modified, if necessary, to meet requirements imposed by problems of developing farm units of sizes and shapes convenient for irrigation," the report adds.

A right-of-way of 150 feet is recommended for all State highways. If suggestions in the report are followed, roadbeds on primary routes would be 36 feet wide, each shoulder 7 feet wide, and surfaced width, 22 feet. On secondary State routes, roadbeds would be 30 feet wide, each shoulder, 5 feet, and the surfaced portion, 20 feet.

Investigators and advisers in the study on "Highway Development", also known as Problem 19 in Columbia Basin Joint Investigations, included representatives of the State Highway Department, officials of Adams, Grant, and Franklin counties, the Chicago, Milwaukee, St. Paul and Pacific Railway, Great Northern Railway Company, Northern Pacific Railway Co., Spokane, Portland, and Seattle Railway System, Union Pacific Railroad System, the Bureau of Reclamation, and the Bonneville Power Administration.

Copies of "Highway Development", may be purchased from the Supt. of Documents, Washington, 25, D. C., for 15 cents each.

CONSTR. EQUIPMENT DISTRIBUTORS TO MEET FEB. 11TH

The regular monthly dinner meeting of Construction Equipment Distributors Assn. will be held Monday, February 11, 6:30 p. m., at the St. Julian Cafe, 140 Battery street.

President Bob Hughes has arranged for a surprise guest speaker in addition to the report of those attending the A.E.D. convention at Chicago and a sound motion picture picture will be presented by entertainment committee chairman Bud Richter.

Telephone HEmlock 1610 and make your reservation now.

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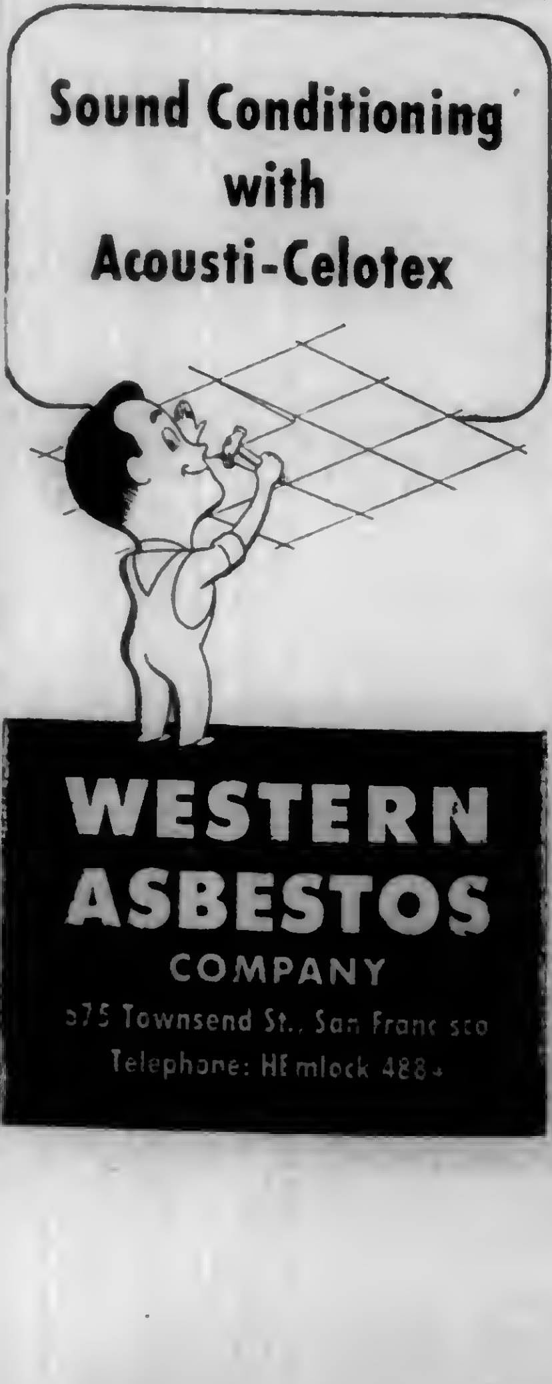
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OFFICIAL PROPOSALS

FIRST PUBLISHED TODAY

Highway Improvements—Solano Co. An existng ferry moored on the Sacramento River (X-Sol-100-A).

STATE OF CALIFORNIA DEPARTMENT of PUBLIC WORKS DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, 1200 North Center Street, Stockton, California, until 2 o'clock P.M. on **Feb. 19, 1946**, at which time and place they will be publicly opened and read, for performing work as follows:

An existing ferry moored on the Sacramento River about 0.5 mile upstream from Rio Vista in Solano County (X-Sol-100-A) to be repaired.

Plans and specifications, and forms of proposal, bonds, and contract may be obtained at the above address.

No bid will be considered unless it is made on a proposal form furnished by the District Engineer, and is made in accordance with the provisions set forth under Section 2, "Proposal Requirements and Conditions" of the Standard Specifications. Each bid must be accompanied by a proposal guaranty in accordance with the requirements of article (f) of the said Section 2 of the Standard Specifications.

The Department of Public Works reserves the right to reject any or all bids.

The quantities listed in the State Highway Engineer's Estimate hereinafter stated, are approximate only, being given as a basis for the comparison of bids, and the Department of Public Works does not, expressly or by implication, agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work, or to omit portions of the work, as may be deemed by the Engineer to be necessary or advisable.

Bids are required on the entire work described herein.

The rates of wages, including overtime, holiday or Sunday rates, herein specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done at the site where the boat is to be left at the end of the work, to be as follows:

Classification	Rate per hour
Laborer	$1.00
Any classification omitted herein not less than	1.00

Overtime—one and one-half (1½) times the above rates. Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

STATE HIGHWAY ENGINEER'S ESTIMATE

Item 1. Dry-docking and delivering ferry.

Item 2. 4 thousand feet board measure miscellaneous timber.

Item 3. Miscellaneous repairs.

Item 4. 2,600 pounds miscellaneous iron and steel.

Item 5. 2,500 lineal feet caulking seams.

Item 6. Painting hull and superstructure.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCoy,
State Highway Engineer.
By PAUL O HARDING,
District Engineer, Dist. X.
Dated Jan. 31, 1946.
(Daily Pacific Builder)
(Feb. 8-15, 1946)

FIRST PUBLISHED TODAY

Highway Improvement—Monterey County

STATE OF CALIFORNIA DEPARTMENT of PUBLIC WORKS DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **March 6, 1946**, at which time they will be publicly opened and read, in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Monterey County, between 2 miles south of Salinas and Salinas (V-Mon-2-B), about one and nine-tenths (1.9) miles in length to be graded, paved with asphalt concrete on cement treated base and on existing surfacing, and plant-mixed surfacing to be placed on the shoulders.

Bids are required on the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Skilled Labor	
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.50
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity or paving type)	1.70
Mechanical tamper and finisher operator (concrete or asphalt)	1.70
Motor grader operator	1.85
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.4375
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.3125
Truck driver (8 cubic yards and less than 14 cubic yards water level cpacity)	1.25
Intermediate Grade Labor	
Concrete vibrator operator	1.25
Headerboard man	1.375
Jackhammer operator	1.25
Oil distributor bootman	1.00
Oiler power shovels or cranes	1.25
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.0625
Truck driver (less than 4 cubic yards water level capacity)	0.90
Unskilled Labor	
Flagman	1.00
Laborer	1.00

Positions not listed above will be allocated in accordance with the definitions which appear in the special provisions, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.25 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.00 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.00 per hour.

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, includng overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposed to be done will be financed in whole or in part with Federal funds and that therefore all of the applicable Federal statutes, rules, and regultions will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifications regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications, regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (See said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated February 8, 1946.
(Daily Pacific Builder)
(Feb. 8-15-22, 1946)

FIRST PUBLISHED TODAY

Highway Improvement—Alameda Co., in Oakland Between Distribution Structures and Seventh Street.

STATE OF CALIFORNIA DEPARTMENT of PUBLIC WORKS DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **March 6, 1946**, at which time they will be publicly opened and read in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Alameda County, in Oakland, between Distribution Structures and Seventh Street (IV - Ala - 69 - Oak.), about one and four-tenths (1.4) miles in length, to be widened with Portland cement concrete pavement, and existing pavement to be resurfaced with asphalt concrete.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Carpenter	1.75
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity and paving type)	1.70
Concrete vibrator operator	1.25
Flagman	1.0625
Headerboard man	1.375
Jackhammer operator	1.25
Laborer	1.0625
Mechanical tamper and finisher operator (concrete or asphalt)	1.70
Motor grader operator	1.85
Oiler, power shovels or cranes	1.40
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	2.00
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.25
Renforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (8 cubic yards water level capacity or more)	1.625
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Any classification omitted herein not less than	1.0625

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same my be applicble to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans my be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the district in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law. (See said Proposal Requirements and Conditions.)

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated February 8, 1946.
(Daily Pacific Builder)
(Feb. 8-15-22, 1946)

FIRST PUBLISHED TODAY

Clearing the Rector Creek Reservoir Site in Napa County, Calif.

STATE OF CALIFORNIA DEPARTMENT of PUBLIC WORKS DIVISION of WATER RESOURCES

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the State Engineer, Room 401, Public Works Building, Sacramento, California, until 1:30 o'clock p. m. on **Wednesday, February 27, 1946**, at which time they will be publicly opened and read, in the same room of said building, for performing work in accordance with the specifications therefor, to which special reference is made as follows:

Clearing the Rector Creek Reservoir Site in Napa County, California.

State Engineer's Estimate

Item: Clearing the Rector Creek Reservoir Site of approximately 75 acres gross area in Section 17, 19, 20 and 21, T.7N., R.4W., M.D.B. & M.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per Hour
Choker Setter	$1.10
Hand Timber Faller	1.25
Head Choker Setter	1.25
Laborer	1.00
Machine (power-saw) Faller	1.35
Powderman	1.375
Tractor Operator	1.70
Truckdriver (8 c.y. water level cap. or more)	1.50
Truckdriver (6 c.y. and less than 8 c.y. water level cap.)	1.25
Truckdriver (4 c.y. and less than 6 c.y. water level cap.)	1.10
Truckdriver (less than 4 c.y. water level cap.)	1.00
Any classification omitted herein not less than	1.00

Overtime — one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen and guards)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal Officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is particularly directed to the provisions of Section 7 of the Standard Specifications published by the Department of Public Works, Division of Highways, in April, 1945, regarding the laws to be observed, and Section 8, article (b) of the Standard Specifications, regarding assignment of contract, and to Sections 4100 to 4108, inclusive, of the Government Code, State of California, regarding subcontracting and assignment of subcontracts.

Forms of proposal, bonds, contract and specifications may be seen and obtained at the office of the State Engineer, Public Works Building, Sacramento, California, and they may be seen at the office of the State Engineer, 803 California State Building, Los Angeles, and at the offices of the Associated General Contractors in San Francisco and Los Angeles.

A representative of the State Engineer's office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and contractors are urged to investigate the location, character, and quantity of work to be done with a representative of the State Engineer

No bid will be considered unless it is made on a blank form furnished by the State Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed as required by law. (See said Proposal Requirements and Conditions.)

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION of WATER RESOURCES
EDWARD HYATT,
State Engineer.
Dated February 8, 1946
(Daily Pacific Builder)
(Feb. 8-15, 1946)

FIRST PUBLISHED TODAY

Highway Imp.—Alameda County Bet. Warm Springs and Mission San Jose and Bet. Warm Springs and Centerville.

STATE OF CALIFORNIA DEPARTMENT of PUBLIC WORKS DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p. m. on **March 6, 1946**, at which time they will be publicly opened and read in the Assembly Room of said building, for repairing portions of State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Alameda County, between Warm Springs and Mission San Jose, and between Warm Springs and Centerville (IV-Ala-5,69-C,A) about eight and three-tenths (8.3) miles in length, shoulders to be widened with imported borrow and surfaced with plant-mixed surfacing and penetration treatment.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per Hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.75
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity, and paving type)	1.70
Concrete vibrator operator	1.25
Flagman	1.0625
Jackhammer operator	1.25
Laborer	1.0625
Motor grader operator	1.85
Oiler power shovels or cranes	140
Operator of power shovel or other excavating equipment, shovel type controls (up to and including 1 cubic yard)	2.00
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.25
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (8 cubic yards water level capacity or more)	1.625
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Any classification omitted herein not less than	1.0625

Overtime: one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen): one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower. shall control.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the district in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law. (See said Proposal Requirements and Conditions.)

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY
State Highway Engineer
Dated: February 8, 1946.

—V—

Highway Imp.—Solano County

STATE OF CALIFORNIA DEPARTMENT of PUBLIC WORKS DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p. m. on **February 27, 1946**, at which time they will be publicly opened and read in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Solano County, across Napa River at West City Limits of Vallejo (X-Sol-208-A) a bridge fender to be repaired.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Carpenter	$1.75
Electrician	1.70
Flagman	1.00
Laborer	1.00
Oiler power shovels or cranes	1.40
Pile driver hoistman or operator	1.85
Pile driver man	1.61
Tractor driver	1.70
Any classification omitted herein not less than	1.00

Overtime: one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen): one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (See said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer
Dated: February 1, 1946.
(Daily Pacific Builder)
(Feb. 1, 8, 15, 1946)

Highway Improvements—Contra Costa County

SECOND ADVERTISEMENT

STATE OF CALIFORNIA DEPARTMENT of PUBLIC WORKS DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **February 27, 1946**, at which time they will be publicly opened and read, in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Contra Costa County, between Concord Avenue and four-tenths (0.4) mile west of Ohmer Station (IV-C.C-75,106-E,Cnd,C), about two and three-tenths (2.3) miles in length, to be graded and paved with Portland cement concrete.

Bids are required for the entire work described herein.

THIS IS A NATIONAL DEFENSE CONTRACT UNDER THE DEFENSE HIGHWAY ACT OF 1941

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Skilled Labor	
Asphalt plant mixer operator	$1.45
Asphalt spreading machine operator	1.75
Carpenter	1.75
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity)	1.70
Mechanical tamper and finisher operator (concrete or asphalt)	1.70
Motor grader operator	1.85
Operator of power shovel or other excavating equipment, shovl type controls (up to and including one cubic yard)	2.00
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.25
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (8 cubic yards water level capacity or more)	1.625
Truck driver (6 cubic yards and less than 8 cubic yards water level capacity)	1.3125
Truck driver (4 cubic yards and less than 6 cubic yards water level capacity)	1.1875
Intermediate Grade Labor	
Asphalt plant dryerman or fireman	1.40
Concrete vibrator operator	1.25
Headerboard man	1.375
Jackhammer operator	1.25
Oil distributor bootman	1.00
Oiler, power shovels or cranes	1.40
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Unskilled Labor	
Flagman	1.0625
Laborer	1.0625

Positions not listed above will be allocated in accordance with the definitions which appear in the special provisions, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.1875 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.0625 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.0625 per hour.

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable herto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposed to be done will be financed in whole or in part with Federal funds and that therefore all of the applicable Federal statutes, rules, and regulations will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifications regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications, regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (see said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated February 1, 1946.
(Daily Pacific Builder)
(Feb. 1-8-15, 1946)

Bid Opening Schedule

BUILDING PROJECTS

Bid Opening Date	Project	Location of Project	Noted in Issue
2- 9—11 A.M.	Store	Pittsburg	1-25
2- 9— 2:00 P.M.	Showroom	San Rafael	2- 5
2-11— 8:00 P.M.	School Furniture	Buttonwillow	1-31
2-11— 2:00 P.M.	Shed	San Francisco	2- 1
2-11— 2:00 P.M.	Furnaces	San Francisco	2- 1
2-13	School (County)	Shafter	1-24
2-13— 8:00 P.M.	Shops Building	San Mateo	1-29
2-14	Grain Elevator (Tulana Farms)	Warden, Ore.	1-23
2-14— 5:00 P.M.	Fencing	Fresno	2- 6
2-14— 5:00 P.M.	Locker Building	San Anselmo	2- 6
2-15— 4:00 P.M.	Theater	Salinas	2- 6
2-15— 4:00 P.M.	Shop	Sacramento	1-31
2-15—10 A.M.	Dispatch Hall	Wilmington	1-30
2-15—	Warehouse	San Francisco	2- 4
2-15—	Lath Houses	Monrovia	2- 7
2-18—	Film Exchange	Seattle, Wash.	2- 7
2-18— 3:30 P.M.	Girls' Dorm.	La Grande, Oregon	2- 7
2-18— 8:00 P.M.	Schoolroom	Pittsburg	1-29
2-18	Steel Partitions (Govt.)	Denver, Colo.	1- 8
2-18 2:00 P.M.	Women's Dormitory	Corvallis, Ore.	2- 5
2-18— 3:30 P.M.	Girls' Dormitory	La Grande, Ore.	2- 5
2-19— 2:00 P.M.	Hospital	Salem, Ore.	2- 5
2-19	Bond Election (Dist.)	San Jose	1- 7
2-19— 2:00 P.M.	Hospital	Salem, Ore.	2- 4
2-20—10:00 AM.	Painting	Berkeley	2- 7
2-20— 2:00 P.M.	Repair Post Office	Downey	2- 4
2-21	Paint Post Office (Govt.)	Redondo Beach	1-18
2-21—11:00 A.M.	Shop	San Francisco	1-31
2-25	Painting and Repairs (Govt.)	San Diego	1-23
2-26	Hospitals (Veterans' Admin)	Grand Junction, Colo.	1-25
2-26—11:00 A.M.	Gunnery Range	Crows Landing	2- 7
2-26— 3:00 P.M.	Residence	San Rafael	2- 7
2-27— 2:00 P.M.	Painting	Monrovia	2- 7
2-27— 2:00 P.M.	Painting	Lynwood	2- 7
2-27— 2:00 P.M.	Painting	Bell	2- 7
2-27— 2:00 P.M.	Painting	Fullerton	2- 7
2-27— 2:00 P.M.	Painting	Maywood	2- 7
2-27— 2:00 P.M.	Painting	St. Anthony	2- 7
2-27	Addition to School (Dist.)	Downey	1-16
2-27— 2:00 P.M.	Elevator	Tacoma, Wash.	1-29
2-27— 7:30 P.M.	School	Shafter	1-30
2-27— 2:00 P.M.	Painting	St. Anthony	2- 4
3- 1	Painting (Govt.)	Eureka, Utah	1-26
3-11—12:00 M.	School	Palm Springs	2- 7

ENGINEERING PROJECTS

Bid Opening Date	Project	Location of Project	Noted in Issue
2-11	Cargo Vessels (Govt.)	Washington, D. C.	1-18
2-11	Furnish Labor (City)	Wolf Point, Mont.	1-25
2-11	Transmission Line (Govt.)	Oroville to Sacramento	1-16
2-11— 2:00 P.M.	Water Main	San Francisco	2- 1
2-11—11:00 A.M.	Parking Facilities	San Diego	1-31
2-11— 3 P.M.	Cast Iron Main	San Francisco	1-30
2-11—11:00 A.M.	Parking Facilities	San Diego	2- 4
2-11— 2:00 P.M.	Drilling Well	Hankeville	2- 4
2-11— 2:00 P.M.	Drainage	San Francisco	2- 4
2-12— 2:00 P.M.	Wreckage of Tug	San Francisco	2- 4
2-13— 1:30 P.M.	Transmission Line	Portland, Ore.	1-30
2-13	Grading, Etc. (State)	El Dorado County	1-15
2-13—11 A.M.	Water Pipe System	San Diego	1-25
2-13	Sewers (County)	Los Angeles County	1-21
2-13	Sanitary Sewers (County)	Los Angeles County	1-21
2-13—10:00 A.M.	Traffic System	Vallejo	2- 6
2-14—10 A.M.	Water Tank	Yelm, Wash.	1-30
2-14	Overhead Crossing (State)	Los Angeles	1-15
2-14	Overcrossing (State)	San Diego	1-15
2-14	Overcrossing (State)	Los Angeles	1-15
2-14—10 A.M.	Highways	Olympia, Wash.	1-30
2-14—10 A.M.	Water Mains	Yelm, Wash.	1-30
2-14—10:00 A.M.	Ramps	Astoria, Ore.	2- 4
2-14—10:00 A.M.	Sewer	Fresno	2- 5
2-15	Resurface Road (City)	El Dorado County	1-28
2-15—10:00 A.M.	Well	North Las Vegas	1-29
2-15— 2:00 P.M.	Levee Setback	Sacramento County	2- 6
2-15—10:00 A.M.	Highway	New Mexico	2- 7
2-15—10:00 A.M.	Highway	New Mexico	2- 7
2-15—10:00 A.M.	Highway	New Mexico	2- 7
2-15—11:00 A.M.	Grading, Etc.	Arizona	2- 7
2-16—10:00 A.M.	Runway	St. George, Utah	1-20
2-16	Improve Pine St. (City)	San Francisco	1-21
2-18	Runways (Govt.)		1-23
2-18—11:00 P.M.	Bridge	Merced	1-20
2-18— 5 P.M.	Sewage	Kelso, Wash.	1-30
2-18— 2:00 P.M.	Highways	Snohomish County, Wash.	2- 5
2-18—10:00 A.M.	Airfield	St. George, Utah	2- 7
2-19—10:00 A.M.	Sewer	Riverside	2- 6
2-19— 8:00 P.M.	Sewers	Tracy	1-29
2-19	Concrete Water Tank (City)	Ritzville, Wash.	1-16
2-19	Reservoir (City)	Ritzville, Wash.	1-21
2-19— 2:00 P.M.	Ferry	Solano County	2- 4
2-21	Improve Highway (State)	Los Angeles	1-22
2-21	Freeway (State)	Los Angeles	1-24
2-21	Fort Gibson Dam (Govt.)	Fort Gibson, Okla.	1-18
2-27— 2:00 P.M.	Bridge	Solano County	1-29
2-26—10:00 A.M.	Storm Drain	Los Angeles County	2- 5
2-26—10:00 A.M.	Tunnel Lining	Colorado-Big Thompson Project	2- 5
2-27— 1:30 P.M.	Clear Site	Napa County	2- 7
2-27— 2:00 P.M.	Highways	Contra Costa County	1-29
3- 1— 1:30 P.M.	Highway	Nevada State Highway	1-31
3- 6— 2:00 P.M.	Highways	Monterey County	2- 5
3- 6— 2:00 P.M.	Highways	Alameda County	2- 5
3- 6— 2:00 P.M.	Highways	Oakland	2- 5
3- 7— 2:00 P.M.	Highways	Los Angeles County	2- 5
3- 5—10:00 A.M.	Canal	Central Valley Project	2- 7
3- 5— 1:30 P.M.	Transmission Line	Spokane, Wash.	2- 7
3- 6—10:00 A.M.	Grading	Los Angeles	2- 7
3- 6— 2:00 P.M.	Jet Pump Equip.	Central Valley Project	2- 7
3- 7— 2:00 P.M.	Bridges	San Diego County	2- 5
3- 7—10:00 A.M.	Earthwork	Shoshone Project	2- 6
3-12	Kortes Dam (Govt.)	Missouri Basin Project	1-18
3-15— 2 P.M.	Steel Towers	Central Valley Project	1-30

SUPPLIES AND EQUIPMENT

Bid Opening Date	Project	Location of Project	Noted in Issue
2-11— 3:00 P.M.	Tractors	Alameda County	2- 5
2-11— 3:00 P.M.	Brake Blocks	San Francisco	1-31
2-11— 2:00 P.M.	Conductors, Etc.	Denver, Colo	2- 1
2-11— 3:00 P.M.	Iron B & S	San Francisco	2- 1
2-11— 7:00 P.M.	School Bus	Lebec	2- 1
2-11— 3:00 P.M.	Carbon Brushes	San Francisco	2- 4
2-11—	Plant Surfacing	Sacramento	2- 6
2-11	Shovel Handles (Govt.)	San Francisco	1-18
2-11— 2 P.M.	Fire Engine	Riverside	1-25
2-11— 8 P.M.	Sand-Gravel	Kingsburg	1-29
2-11— 9:00 A.M.	Grader	Santa Cruz	2- 7
2-11—10:00 A.M.	Tractors, Etc.	Orange County	2- 7
2-12— 2 P.M.	Burlap	San Francisco	1-29
2-12— 2 P.M.	Tractor	San Francisco	1-29
2-12— 2 P.M.	Shroud Line	San Francisco	1-29
2-12— 2 P.M.	Torches	San Francisco	1-30
2-12— 2:00 P.M.	Pipe	San Francisco	2- 6
2-13— 1:00 P.M.	Calculating machines	Oakland	2- 6
2-13— 2:00 P.M.	Alidades	San Francisco	2- 6
2-13— 3:00 P.M.	Test Borings	San Francisco	2- 6
2-13— 3:00 P.M.	Neon Sign	San Francisco	2- 6
2-13— 3:00 P.M.	Cloth	San Francisco	2- 1
2-13— 5:30 P.M.	Pipe	Oakland	2- 1
2-13— 7:30 P.M.	Trucks	Modesto	1-29
2-13— 7:30 P.M.	Sedans	Modesto	1-29
2-13— 7:30 P.M.	School Bus	Coalinga	1-29
2-13	Span Bridge (State)	Kern County	1-15
2-13—10:00 A.M.	Paint	Berkeley	1-31
2-13—10:00 A.M.	Sockets	San Francisco	2- 4
2-13— 1:30 P.M.	Reinf. Bars, Etc.	West Los Angeles	2- 7
2-13— 1:45 P.M.	Boilers	San Francisco	2- 7
2-14— 2 P.M.	Burlap Wrappers	San Francisco	1-25
2-14— 2 P.M.	Cellulose Tape	San Francisco	1-25
2-14— 2 P.M.	Garbage Cans	San Francisco	1-30
2-14—10:30 A.M.	Rails	Portland, Ore.	2- 4
2-14—10:00 A.M.	Paint	San Francisco	2- 5
2-14—10:00 A.M.	Webbing	San Francisco	2- 5
2-14—10:00 A.M.	Tractors	Long Beach	2- 7
2-15—11:00 A.M.	Distrib. Line	Ritzville, Wash.	2- 7
2-15—10:00 A.M.	Machines	San Francisco	2- 5
2-15—10:00 A.M.	Cable	San Francisco	2- 5
2-15—11:00 A.M.	Hardware	San Francisco	2- 5
2-15— 2:00 P.M.	Clamps	Denver, Colo.	2- 5
2-15— 5:00 P.M.	Pipe	Sacramento	2- 5
2-15—10:00 A.M.	Heater, Etc.	San Francisco	2- 5
2-15— 2 P.M.	Pumps	San Francisco	2- 5
2-15— 2 P.M.	Fiber Door Mats	San Francisco	1-20
2-15	Transformers (Govt.)	Las Cruces, N. M.	1-21
2-15—	Autos	San Francisco	2- 7
2-18—10:00 A.M.	Camels, Pontoons	Tacoma, Wash.	1-15
2-18	Structural Steel Anchorages, Etc. (Govt.)	Central Valley Proj.	1-15
2-18	Tank Truck Facilities (Standard Oil Co.)	Richmond	1-25
2-18— 2:00 P.M.	Notebook Holders	San Francisco	2- 1
2-18— 2:00 P.M.	Telephone Wire	San Francisco	2- 1
2-19—10:00 A.M.	Oars	San Francisco	2- 6
2-19— 3:00 P.M.	Storage Tank	San Francisco	2- 6
2-19— 2:00 P.M.	Spools	San Francisco	2- 6
2-19— 2:00 P.M.	Hose	San Francisco	2- 5
2-19— 2:00 P.M.	Control Board	Contra Costa County	2- 5
2-20—10:00 A.M.	Seats	San Francisco	2- 5
2-20—10:00 A.M.	Sedan	Reno, Nev.	1-26
2-20—10:00 A.M.	Blast Coils	Berkeley	2- 7
2-20— 2:00 P.M.	Kitchen Equip.	San Francisco	2- 7
2-21—10:00 A.M.	Pumps	San Francisco	2- 6
2-21—10:00 A.M.	Gear Shift	San Francisco	2- 6
2-25—10:00 A.M.	Road Oil	Helena, Mont.	1-31
2-25	Radio Appliances (Govt.)	Denver, Colo.	1-23
2-25— 3:00 P.M.	Gate Valves	San Francisco	1-31
2-27— 2:00 P.M.	Elevator	Central Valley Project	1-31
2-28— 2 P.M.	Cars	Redding	1-29

FOR BETTER BUILDING
NEWS OF MATERIALS, EQUIPMENT AND METHODS

PREFAB HOUSE

National distribution through lumber dealers is planned for a two-story prefabricated house called **HomeOla**, built of plywood with a steel "chassis." All wall and floor panels are of plywood stressed-skin construction with the panels glued to both side of light wood framing members. Floor sections are in 4-foot squares and have special wearing surfaces of vertical grain fir. Wall panels are 4 by 8 ft. Blanket insulation in both wall and floor units is placed during fabrication.

Built-up plywood roof rafters, completely fabricated at the factory, have been developed, over which longitudinally braced plywood roof decking is placed; finished roofing is conventionally applied. Roof insulation, in blanket form, is attached to the back of second-story wall and ceiling panels.

The house, exclusive of lot, is intended to sell complete for less than $3,000. Shipment of the house parts will be to building material dealers who will provide the crews for erection. Willisway System, 9 S. Clinton St., Chicago 6, Ill.

#

TEMPERATURE REGULATOR

A self-contained, spring loaded, internal pilot, piston operated **Temperature Regulator** for steam service features Duo-Matic Control—both accurate temperature regulation and pressure control obtained simultaneously with a single regulator. The unit has a thermostatic element with 100 deg. F. adjustable temperature range, equipped with metal diaphragms. All wearing parts are renewable. Leslie Co., 57 Delafield Ave., Lyndhurst, N. J.

#

HEAT PANELS

Immediate production of the **Base-Ray Heat Panel** has been announced by Burnham Boiler Corporation, Irvington, N. Y. Developed by research engineers at the University of Illinois, the panel is a hollow, cast iron baseboard unit (see AR, June, 1945, p. 124).

#

UNIT LOCK

A new lock, the Corbin Unit Lock, is said to offer home owners complete freedom from the annoyance of sticking and binding knobs and latches because it is assembled at the factory in one complete unit. Installation is simple, with no mortising necessary—the unit slips into a slot in the edge of the door and is made fast by two bolts without touching or adjusting the working parts in any way. P. & F. Corbin, New Britain, Connecticut.

#

DOORSTOP

An easily installed **Door Stop-Nut** slips over the top knuckle of a door hinge and is held secure by the hinge pin. Eliminating the need for baseboard or floor type door stops, the unit prevents the banging of doors against walls or furniture. Door Stop-Nut, Inc., 810 W. 76th St., Chicago 20, Ill.

#

DRAFTING AIDS
SLIDE RULE

The **Deci.Point**, a slide rule which places the decimal point in involved expressions with results up to 19 places, is now being manufactured of lightweight Dowmetal (magnesium metal alloy), surfaced with a flat white plastic said to be impervious to water or chemicals and virtually immune to abrasion from regular use. The rule first was introduced in a wartime "Demonstrator" model. Pickett & Eckel, 53 W. Jackson Blvd., Chicago, Ill.

ALL-PURPOSE DEVICE

An all-purpose drawing and measuring device, the **parva-graph** is accurately designed and mathematically calibrated to serve as a square, dividers, protractor, triangle, ruler, compass, French curve and miter.

The Parva-graph consists of a combination square and a removable miter arm which can be mounted on the square through either of two mounting holes. A wing nut locks the arm at any desired position. Made of tought, transparent plastic. Parva Products Co., West Haven, Conn.

#

METAL WINDOWS
STORM SASH STORAGE

Manufacture of the **Rusco All-Metal Combination Window** has been resumed, it has been announced, with an important change in design incorporated. Storage of the lower storm sash is now provided within the window unit itself.

The compact unit provides screen storm sash and weatherstripping, plus a patented spring-steel clip arrangement that permits the lower storm sash to be raised and held in storage space behind the upper sash. The F. C. Russell Co., Cleveland, Ohio.

Expected soon to be in production is a new aluminum extruded window unit, the **Winco**, which has no pulleys, weights, cords or springs, and requires no regular weatherstripping. Can be left open in rain or snow, as lower sash swings in. Also made for glass block installations. Watco Engineering, Inc., 2200 Scranton Road, Cleveland 13, Ohio.

#

LIGHTING NEWS
COLD-CATHODE LAMP

Addition of a cold-cathode K lamp to a regular line of fluorescent products has been announced. The new lamps will be instant-starting, will have a rated lif eof 10,000 hours. They will be made in both 72- and 96-in. lengths, 1-in. in diameter, will operate on a standard 120 milliampere multiple ballast. Sylvania Electric Products, Inc., Danvers, Mass.

SERVICE STATION

Commissioned by Allegheny Ludlum Steel Corp. to design an automotive service station looking toward expected competitive development in that field, George Cooper Rudolphs, New York industrial designer, has come up with the **Moto-Serv.** Features: eligibility for mass prefabrication; ease of installation; high flexibility and ready expansion; easy upkeep.

The basic design of the Moto-Serv consists of an office and storeroom cubicle and a single island-and-canopy unit with two stainless steel tubular supports footed in stainless castings.

#

FIBERGLAS SOUNDPROOFING HELPS POLICE RADIO

Improved radio transmission from the radio operations room at the Newark, Ohio, police headquarters has resulted from the installation of inch-thick Fiberglas acoustical board on the walls and ceiling of the room and in other parts of the building. The room is used to maintain two-way radio communication between headquarters and the radio-equipped patrol cars.

#

AIR CONDITIONED PRINTING PLANT

Air conditioning which controls temperatures to within one degree and humidity to within one per cent of desired levels is being installed in a new $1,900,000 printing plant now under construction for the Newman-Rudolph Lithographing Company in Chicago. It is expected to result in faster and less costly printing on paper that is more thoroughly seasoned and thus of better quality.

The building, designed by R. N. Friedman, of Alschular and Friedman, Architects, will have a brick exterior with granite and Indiana limestone trim. Construction will be steel and concrete, with a floor load of 250 lbs. per sq. ft. Four stories in height, the plant will cover 53,500 sq. ft., will be ready for occupancy about the first of next May.

#

HOUSE "CORE"

A new home-building unit engineered for assembly-line production is an enclosed central core containing household heating, hot water, plumbing, electricity and meters. Attached to three sides are a complete kitchen, laundry and bathroom, with floor areas, walls, windows and doors placed according to individual house plans. The unit is said to be adaptable to both conventionally-built and prefabricated houses ranging in price from $3,000 to $10,000.

The enclosed core has service access through panels, is equipped with forced warm air furnace—gas or oil; hot water heater—gas or electric; all plumbing, vents and stacks; chimney connections; electrical connections. Kitchen equipment includes refrigerator, cabinets, gas or electric range and sink; an electric washer is provided in the laundry. Ingersoll Division, Borg-Warner Corporation, Kalamazoo, Mich.

#

NAILABLE STEEL

Nailable steel for framing in residential and light industrial construction is now available, it has been announced. Consisting of grooved framing sections, this is the framing which is a basic part of Quonset huts. The groove permits the driving of nails into the metal framework. Stran-Steel Division, Great Lakes Steel Corp., Penobscot Bldg., Detroit 26, Mich.

#

PORTABLE WASHER

Especially designed for apartment use, the **1900 Whirlpool Portable Washer** will hold 2 lbs. of clothing, has a 2½ gal. water capacity, rinses as well as washes. Its small size—13-in. in diameter and 20-in. in height—permits easy storage when not in use. Nineteen Hundred Corp., St. Joseph Michigan

THEATER CONSTRUCTION EQUIPMENT

Anticipating a widespread development in drive-in theater construction following the lifting of wartime restrictions on building materials, equipment and gasoline, the Theater Equipment Section of RCA Victor has announced plans to supply a complete line of sound and projection equipment designed to meet the special requirements of this type of theater.

The line will include new types of in-car speakers, combined terminal-box and speaker-receptacle units, and self-adjusting amplifier systems. The in-car speakers are said to be 100 per cent weatherproof, so that they can be permanently located at parking spaces on the ramps, within reach of patrons from their car windows. They are specially designed to be acoustically correct for in-car operation; a volume control on the front of the speaker permits the patron to adjust the sound level to his own satisfaction. Radio Corp. of Amferica, RCA Victor Division, Camden, N. J.

#

REFLECTIVE INSULATION

A low-cost insulation material just announced, **Sisalation**, is composed of specially-treated asphalt, fiber reinforcement, and aluminum-coated Kraft paper. It is said to reflect heat and cold very much as a mirror reflects light, keeping the heat in and the cold out in winter, and reversing the process in summer. It also prevents moisture-vapor within the home passing into the sidewalls and condensing, it is claimed, and prevents infiltration of dust and dirt through walls, around windows and doors. The Sisalkraft Co., 205 W. Wacker Drive, Chicago.

#

BATHROOM SPOT HEATER

A new infrared lamp producing radiant heat is built of special ruby red glass which is highly resistant to temperature extremes. It has withstood a temperature shock test of more than 500 deg. F., the manufacturer reports, and has continued to burn even after being dipped in ice cold water.

Its ability to withstand temperature shocks, it is suggested, will make it particularly suitable as a spot comfort heater for the bathroom, where it is apt to come in contact with water drops. Westinghouse Electric & Mfg. Co., 306 Fourth Ave., P. O. Box 1017, Pittsburg 30, Pa.

DOWNLIGHTING

To provide downlighting which is particularly useful in store illumination, two new silvered bowl lamps have a circular inside frosted "window" at each bulb's end. The lamps are rated 300 and 500 watts. In the former, the downlight filters through a 2¾-inch diameter inside frosted window; the latter has a circular window with a diameter of 3-in. General Electric Lamp Dept., Nela Park, Cleveland, Ohio.

LUMINOUS SHIELD

Now available is a patented luminous plastic switch plate shield which will fit over any standard toggle or push button plate and, when exposed to any normal light during the day, will glow all night. Originators, Inc., National Outlet Co., 612 N. Michigan, Chicago 11.

CONVENIENCE OUTLET

To make it easier to find and plug into convenience outlets, the new **LumiNite Duplex Convenience Outlet Plate** features a small shielded electric bulb which burns continuously. The plate is molded in a single piece of ivory plastic, will fit any standard duplex convenience outlet. Associated Projects Co., 80 E. Long St., Columbus 15, Ohio.

STARTER

A new split-second starter for fluorescent lamps, the **Jack Rabbit**, is designed to fit in conventional starter sockets for use with instant-starting lamps. The split-second starting action, it is claimed, is accomplished with unusually high operating efficiency. With it, manufacturers can provide split-second starting in fixtures equipped with conventional low-cost ballasts. It is said to provide approximately 13 per cent greater operating efficiency than high-voltage instant-starting ballast systems. General Electric Co., 1285 Boston Ave.. Bridgeport 2, Conn.

BALLASTS

Two new special ballasts have been announced by one company. One is a single-lamp type, designed for the operation of a new line of 13-watt lamps used primarily in show cases and similar installations; the other is for the instant-starting operation of "Slimline" lamps designed for decorative and special lighting purposes. General Electric Co., Schenectady, New York.

#

HOME FREEZERS

Expected to be available to the general public shortly after the first of January, a 4 cu. ft. cabinet or horizontal model home freezer is 36-in. high, 34½-in. long, and 24-in. wide, weighs 250 lbs. Finish is white baked enamel. Slightly less than 1½ kw of electricity are necessary to run the freezer in a normal room temperature, the manufacturers report, or a period of 24 hours. Frigidaire Division, General Motors Corp., Dayton, O.

#

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Manufacturers' Literature

AIR CONDITIONING

Air Filtration in Central Systems. Full information on Fiberglas Dust-Stop Air Filters: dimensions, ratings and manufacturing tolerances table; data on efficiencies; installation details; specifications; maintenance; applications. 24 pp., illus. Owens-Corning Fiberglas Corp., Toledo, Ohio.*

Water-Chilling Units. General information and specification summary. 4 pp., illus. Westinghouse Electric Corp., Air Conditioning Division, 150 Paciqc Ave., Jersey City 4, N. J.*

Westinghouse Precipitron. Description of the Precipitron electronic air cleaning system for commercial and industrial uses. Capacity and dimension table. Explanation of how the system works. 6 pp., illus. Westinghouse Electric Corp., Air Conditioning Division, 150 Pacific Ave., Jersey City 4, New Jersey.*

Worthington Evaporative Coolers (Bulletin C-1100-B27). Description, specifications, selection tables, typical piping arrangements. 8 pp., illus. Worthington Pump and Machinery Corp., Air Conditioning & Refrigeration Division, Harrison, N. J.*

BAR SCREENS

Mechanically Cleaned Bar Screens (Bulletin 479). Description of the machine and how it operates, specifications, data tables, applications. 8 pp., illus. Chain Belt Co., 1600 W Bruce Ct., Milwaukee, Wis.

BATHROOM FIXTURES

Sanitary Toilet Seats. A catalog of self-raising and other seats. 8 pp., illus. Sperzel Co., Minneapolis 3, Minn.

CONVEYORS

LAMSON Lightweight Portable Gravity Conveyor. Description including parts specifications, with typical uses. 4 pp., illus. Lamson Corp., Syracuse 1, N. Y.*

DUMBWAITERS

Dumbwaiters and Doors. A catalog of electric and automatic brake dumbwaiters, counterbalanced dumbwaiter doors, passenger freight and sidewalk elevators, freight and passenger cars. Includes specifications, tables of standard sizes, and full information on scope of use. 24 pp., illus. John W. Kiesling & Son, Inc., 2409-33 Pacific St., Brooklyn, N. Y.

FACTORY PLANNING

Industrial Logistics. How a planned system of materials transportation reduces costs in procurement, production and distribution of goods. 12 pp., illus. The Elwell-Parker Electric Co., 4205 St. Clair Ave., Cleveland 14, Ohio.

GLASS

Planning Ahead With Glass for More Enjoyable Living. Over a hundred ideas for the use of glass in residential buildling—in living room, hallways, dining room, kitchen, bathroom, bedroom, basement and attic. Includes basic information on solar heating and "window conditioning." 30 pp., illus. Libbey-Owens-Ford Glass Co., Toledo 3, Ohio.* 10 cents.

HEATING

Byers Radiant Heating in a Garage (Case Study No. 5). Application of radiant heating in an industrial garage and service station. Describes the installation, design of the heating coils, operation. 6 pp., illus. A. M. Byers Co., Pittsburgh, Pa.*

Certified Counterflow Air Conditioner Heating System; Certified Gravity Steel Furnace and Air Conditioning Units; Mammoth Certified Vertical Steel Tubular Heaters. Descriptive circulars including complete specifications for each type of furnace. 4 pp. each, illus. Stainless & Steel Products Co., 1000 Berry Ave., St. Paul 4, Minn.

Convector Radiation (Bulletin 245). Describes method of operation, advantages claimed. 4 pp., illus. Modine Mfg. Co., Racine, Wis.*

Econostat Temperature Control System. Heat regulation system controlled by outdor temperature. Description of system and how it works, features, applications. 8 pp., illus. Barber-Coleman Co., Rockford, Ill.*

S.B.I. Rating Code (A.I.A. File No. 30-C). The Steel Boiler Institute Rating Code covering commercial and residential steel boilers. Includes standardized sizes for mechanically-fired boilers, a new grate area formula and furnace volume requirements for hand-fired boilers and a code for testing oil-fired boilers. 24 pp. Steel Boiler Institute Inc., 366 Madison Ave., New York 17, N. Y. 50 cents.

JALOUSIES

Jalousies. Description of and for jalousies; specifications; stock sizes; diagrams. 4 pp., illus. Pro-Tect-U Jalousie Co., 2762 S. W. 10th St., Miami 35, Fla.

PARTITIONS

Certain-Teed 2-in. Solid Plaster Partition. Description of a non-load bearing partition for new construction or remodeling. Includes specifications and methods of construction. 6 pp., illus. Certain-Teed Products Corp., 120 S. La Salle St., Chicago, Ill.*

PIPING

Volumetric Capacities of Tube-Turn Welding Fittings. Formulae used to compute the volumetric capacities, and tables giving the volumetric capacity in cu. in. of the most commonly used Tube-Turn welding fittings. 10 pp., illus. Tube Turns, Inc., Louisville 1, Ky.

PLASTICS

Plastic Primer. Factual information on the phenolic plastics, with a table showing the characteristics and uses of various phenolic compounds. 8 pp., illus. Durez Plastics & Chemicals, Inc., North Tonawanda, N. Y.*

Velon and Foamex. Description of the two materials, their qualities and uses, plus two pages of general information on molded and extruded plastics. 20 pp., illus. Firestone Industrial Products Co., Akron, Ohio.*

The Watertown Book of Plastics. General information on thermosetting and thermoplastic materials, saran, lucite, cerex, nylon and polyethylene, and specific information (including properties chart) on Neillite. Also a discussion of molding methods and engineering details. 44 pp., illus. The Watertown Mfg. Co., Watertown, Conn.

RECONVERSION PLANNING

Production Planning Data. A set of production planning cards and data sheets intended for use in reconversion, provision for expanded facilities, and new building plans. Provide scale machine models to be placed on factory floor plan and arranged to meet specific requirements. Plan-O-Mill Corp., 1811 E Eight Mile Road, Hazel Park, Mich.

RUBBER

Cellular Rubber. Describes various forms in which sponge rubber, bonded fiber and other subdensity materials are manufactured. 4 pp., illus. Sponge Rubber Products Co., Shelton, Conn.

STEEL

Jessop Stainless Steels. The various types produced by Jessop, their physical properties and mechanical characteristics, plus a page of information on the company's stainless-clad steels. 8 pp., illus. Jessop Steel Co., Washington, Pa.*

SURFACE COATING

Aquella. Question and answer brochure describing a mineral surface coating that waterproofs and dampproofs interior and exterior porous masonry surfaces such as concrete, masonry blocks, common brick, rough plaster and stucco. 4 pp. Prima Products, Inc., 230 Fifth Ave., New York 1, N. Y.*

VENTILATION

Put the Wind to Work. Bulletin on the "Agitair" air exhauster. Typical applications, engineering data selecting the proper size, location principles. 10 pp., illus. Air Devices, Inc., 17 E. 42nd St., New York 17, N. Y.

WINDOWS

The Ultimate in Modern Ventilation and Vision. Descriptive folder on an aluminum package window unit. Gives specifications and installation details. 4 pp., illus. Watco Engineering, Inc., 2200 Scranton Road, Cleveland 13, Ohio.

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*Other product information in Sweet's File, 1945.

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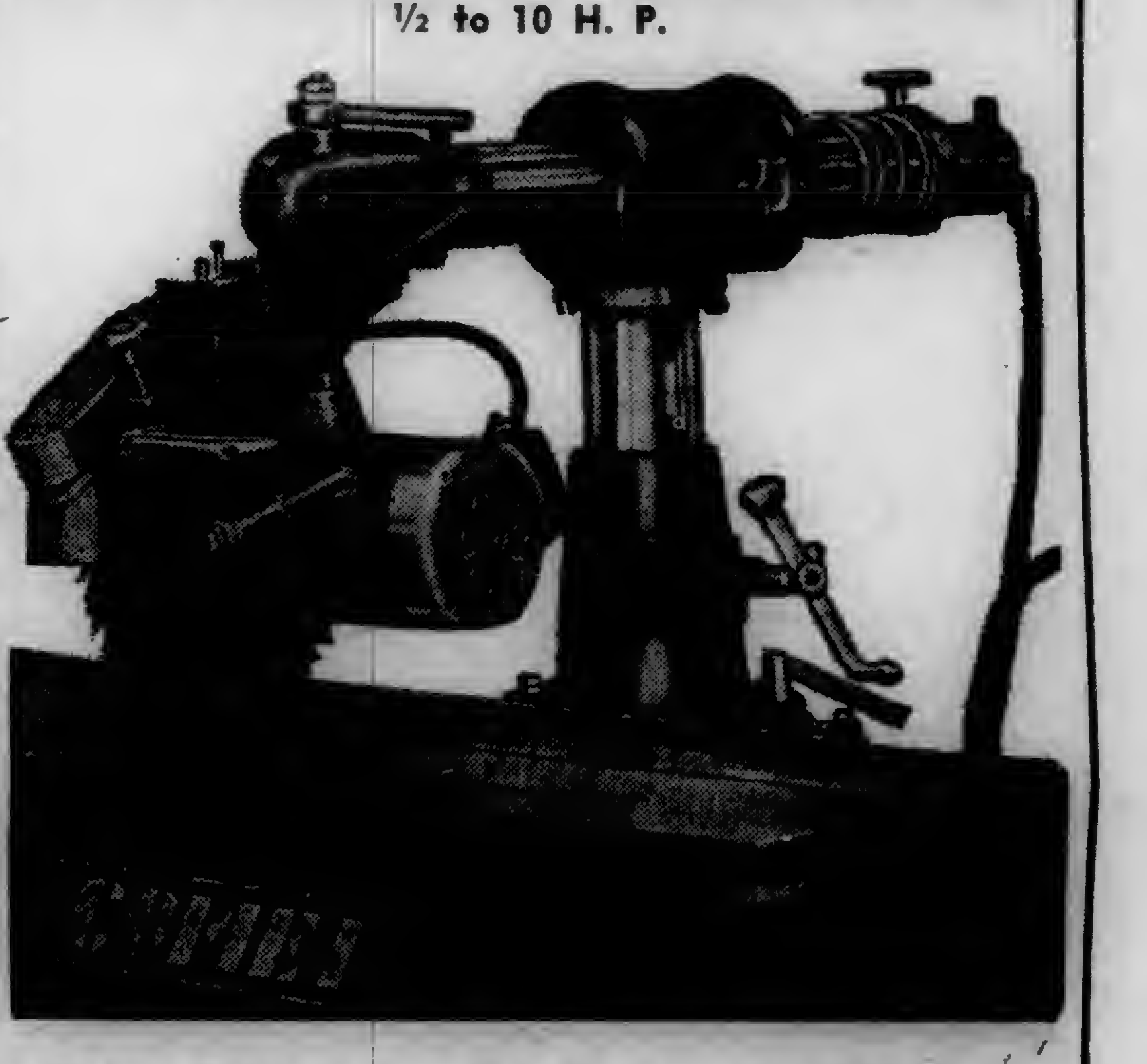

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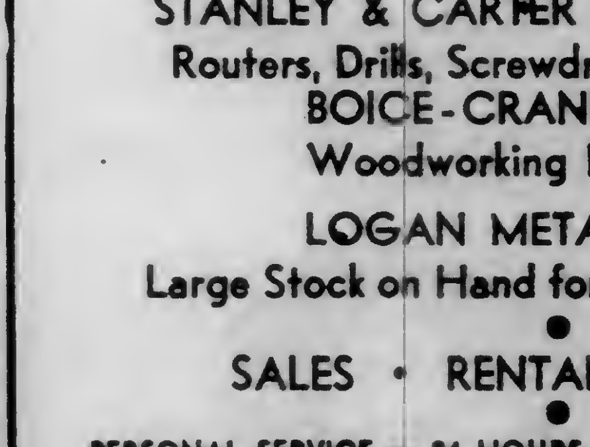

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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1-8—COMMERCIAL BLDGS.

2/8/46 • 2
PLANS BEING FIGURED—BIDS OPEN FEBRUARY 26, 3 P. M.
SERVICE BUILDING
SAN FRANCISCO. Geary Blvd.
Construction of reinforced concrete automobile and appliance service building.
Owner—Withheld.
Engineer — Hyman Rosenthal, 210 Post St.

Plans are being figured by a selected list of contractors.

2/8/46 • 5
CONTRACT AWARDED
ALTER RESTAURANT Cost $25,000
SACRAMENTO, Calif. Corner of 3rd and I Sts
Alterations to restaurant.
Owner—Hong King Lum, premises.
Architect — Francis Lai Chinn, 622 Washington St., San Francisco.
Contractor—Charles Vanina & Sons, 2022 Capitol Ave., Sacramento.

2/8/46 4
PROSPECTIVE BIDDERS
FILM EXCHANGE Est. Cost $125,000
SEATTLE, Wash. 2030-34 2nd Ave.
Construction of 3-story and basement film exchange (94x60) of structural glazed tile, glass block and brick facing.
Owner—Warner Bros., Picture Distributing Co., 2405 2nd Ave., Seattle.
Architect—E. C. A. Bullock, 321 W. 44th St., New York City.

Bids will probably be received at the architect's office.

As previously reported, bids will be opened February 18.

The following contractors have taken out plans:

Howard S Wright & Co., 408 Yale Ave. N.
O. B. Daniels, Orpheum Bldg.
John H. Sellen Construction Co., 228 9th Ave. N.
Beal & Roberts, Republic Bldg.
J. C. Boespflug Construction Co., Securities Bldg.
A. F. Mowat Construction Co., 2833 Eastlake Ave.
W. G. Clark, 408 Aurora Ave.
J. B. Warrack Construction Co., Securities Bldg.
Sound Construction Co., 1403 W. 45th St.
George Teufel, White, Henry, Stuart Bldg.

Also requesting plans are:

Nels Mortensen & Co., 1021 Westlake Ave. N.
Western Construction Co., Arctc Bldg.
All of Seattle.

2/8/46 6
PLANS BEING REVISED
COMMERCIAL BUILDING
PORTLAND, Ore. 1336 SW. 12th.
Construction of 2-story with basement reinforced concrete commercial building (100x100 ft.).
Owner—Boyd Coffee Co., 1336 SW. 12th St.
Architects—Annand & Kennedy, Central Bldg., Portland, Ore.

2/8/46 • • 8
PLANS BEING FIGURED— BIDS OPEN FEB. 14, 5 P. M.
STORE BUILDING
SAN FRANCISCO. Valencia Street north of Duboce Avenue
Construction of one-story frame and stucco store building (50x90 ft.) glass vitrolite front.
Owner—Kunst Bros., 1033 Mission St.
Architect—John J. Foley, 770 Fifth Avenue.

Plans are being figured by the following contractors:

M. J. King, Inc., 231 Franklin St.
Ed Zinkand & Son, 667 36th Ave.
Jack Callaghan, 900 Clayton St.

2/8/46 6
PREPARING PLANS
STORE BUILDING
RENO, Washoe County, Nev. Sears, Roebuck & Co. site.
Construction of two-story with basement store building to adjoin main store (40x80 ft.).
Owner—Sears, Roebuck & Co., Morris Stewart, manager, Reno, Nev.
Architect—Lehman A. Ferris, 577 La Rue St., Reno, Nev.

2/8/46 6
PREPARING PLANS
STORE FRONT
RENO, Washoe County, Nev. Main store, Sierra St
Installation of terra cotta front on main store and redesigning of display windows.
Owner—Sears, Roebuck & Co., Morris Stewart, manager, Reno, Nev.
Architect—Lehman A. Ferris, 577 La Rue St., Reno, Nev.

2/8/46 • 6
LOW BIDDERS
STORES AND APARTMENTS
OAKLAND, Alameda County, Calif. N. Grand Ave. east of Euclid Ave.
Construction of building to contain six stores and four studio apartments on second floor; each apartment to consist of living room with twin wall beds, dinette, kitchen, dressing room and separate rooms for washbasin, tub and toilet.
Owner—Foster W. Weeks.
Plans prepared by W. C. Helms, 1759 Broadway, Oakland.
Low Bidder — Empire Construction Co., Ltd., 344 Harriet St., San Francisco, $132,450.

Second and third low bidders were: Doty & Lockwood, Oakland, $136,300.

Clarence H. Thrams, Oakland, $136,555.

2/8/46 • 4
PLANS BEING FIGURED—BIDS OPEN FEBRUARY 13, 2 P. M.
TELEPHONE BUILDING
SACRAMENTO, Sacramento County, Calif. 2216 Stockton Blvd.
General construction of Sacramento South office building.
Owner—Pacific Telephone & Telegraph Co., 140 New Montgomery St., San Francisco.
Plans by engineering department of owner.

Plans are being figured by a selected list of contractors.

Independent Iron Works, Ltd., 821 Pine St., Oakland, is the contractor for the structural steel.

2/8/46 • 2-8
PLANS BEING FIGURED—BIDS OPEN FEBRUARY 15, 5 P. M.
CHEVROLET AGENCY
SAN RAFAEL, Marin County, Calif. W. Fourth St.
Construction of one-story reinforced concrete Chevrolet agency building.
Owner—Withheld.
Architect — C. F. Gromme, Alberts Bldg., San Rafael.

Plans are being figured by the following contractors:

Younger Construction Co., 575 Mission St., San Francisco.
Litchfield Construction Co. ,721 Francisco Blvd., San Rafael.
John Rocca.
Charles E. Warner, 9 Antoinette Ave., San Rafael.
Peter Sartorio, 262 Clementina St., San Francisco.
De Luca & Son, 1745 Filbert St., San Francisco.
C. F. Betz, Sausalito (Sausalito 1178).

2/8/46 • 2
COMPLETE BIDS

INYOKERN, Kern Co., Calif.—As previously reported, Haddock Engineers, Ltd., 129 W. 2nd St., Los Angeles, at $846,809, submitted the low bid to and was recommended for the award of contract by the U. S. Navy, officer in charge of construction, U. S. Naval Ordnance Test Station, Inyokern, February 5, for the construction of miscellaneous buildings, paving and utilities in area "K," Hangar No. 2 (Yakutat), paving and utilities, and a supersonic building and appurtenances thereto at the U. S. Naval Ordnance Test Station, Inyokern; Specification 17379, NOy 13211.

The work in general comprises the following: Miscellaneous construction in the K-2 area (firing barricade and observation building of concrete with plumbing, electric wiring, air conditioning, observation mirrors, cesspool, etc.; two magazines, corrugated metal and concrete, complete with all necessary bonding and grounding, and covered with stabilized earth fill; spotting tower, steel frame construction with concrete foundation, including the armored platform and all necessary electric wiring; six loader barricades constructed of concrete with all necessary electric wiring; four camera control barricades constructed of concrete, complete with necessary electric wiring; roads, asphaltic concrete pavement, together with all necessary grading; the grading and oiling of all shoulders adjacent to the launcher platform and the grading of the plate storage area; drilling a well, constructing a pumphouse, and installing pump complete with all electric wiring, piping and controls; moving of steel water tank and wood tower from their present location to the new location, including new concrete foundation, necessary piping, wiring and controls; installation of an electrical distribution system, including all services as detailed; spotters' shelters of wood frame construction with three sides and top covered with steel plate; construction of wood frame garage, concrete pit and floor, composition roof, together with necessary facilities and cesspool).

Temperature control building (reinforced concrete construction, complete with electric wiring, all necessary water connections, monorails, insulation, air conditioning, heating, plumbing, etc.).

Steel frame hangar building (concrete foundation and floor, asbestos cement siding and composition roofing, complete with all necessary heating, ventilating and air conditioning, plumbing, electrical facilities and all other appurtenant work; construction of a conduit from present boiler house to the hangar, complete with steam, condensate and drip return pipelines, together with all manholes and appurtenances; construction of concrete aprons with tiedown anchors; construction of all required road work; construction of all necessary ramps and platforms; construction of and connection of all necessary sewer and water services; construction of electrical transmission line extension, complete with transformer and all other required work; cutting off and covering four plug boxes, complete with water, air and electric lines).

Supersonic building (reinforced concrete), with automatically controlled vertical sliding doors, bridge crane, monorails and all required equipment; construction of covered concrete walkway, concrete with transite roof, supported pipe frame structure; loading dock of reinforced concrete). Completion time, 240 days.

Bids were submitted on the following items:

(1) lump sum, entire work complete;
(2) deduct from (1) for omission of entire "K" area project;
(3) deduct from (1) for the omission of entire hangar No. 2 (Yakutat) project;
(4) deduct from (1) for the omission of the supersonic project;
(5) deduct from (1) for the omission of the 2 spotters' buildings in the "K" area;
(6) deduct from (1) for the omission of the garage and equipment building in "K" area;
(7) deduct from (1) for the omission of road construction from 0 plus 00 to Sta. 115 plus 00;
(8) deduct from (1) for the omission of road construction from Sta. 9 plus 00 to Sta. 186 plus 06.91 in the "K" area;
(9) add to or deduct from (1) for substitution of road-mix surfacing for asphaltic concrete surface on all roads as shown on "K" area drawings;
(10) deduct from (1) for the omission of compaction and oil penetration stabilization;
(11) deduct from (1) for the omission of paving section "X" of the hangar No. 2 (Yakutat) apron;
(12) deduct from (1) for the omission of paving marked section "X" and section "Y" of the hangar No. 2 (Yakutat) apron;
(13) deduct from (1) for the omission of the paving marked section "X," section "Y" and section "Z" of the hangar No. 2 (Yakutat) apron;
(14) deduct from (1) for the omission of the public address system and the intercommunicative system in the hangar building;
(15) deduct from (1) for the omission of the sprinkler and deluge fire protection systems in the hangar building;
(16) add to or deduct from (1) for the substitution of a concrete tunnel for steam distribution to hangar No. 2;
(17) deduct from (1) for the omission of all painting on concrete wall and ceiling surfaces inside all buildings, except in the supersonic building;
(18) price per ft for well drilling.

The bidders were:

(A) Haddock Engineers, Ltd.
(B) James I. Barnes Construction Co.
(C) Johnson, Drake & Piper.

The complete bids were:

	(A)	(B)	(C)
(1)	$846,809	$893,000	$1,114,300
(2)	245,791	249,885	360,000
(3)	416,233	400,000	303,000
(4)	120,719	145,857	126,000
(5)	8,833	5,113	15,000
(6)	13,874	18,352	18,500
(7)	8,472	8,000	38,000
(8)	13,603	13,000	53,500
(9)	22,995	22,000	41,000
(10)	1,540	1,000	11,500
(11)	25,350	24,000	34,000
(12)	33,000	32,000	18,500
(13)	52,000	50,000	21,000
(14)	11,900	12,000	7,000
(15)	19,159	20,000	21,500
(16)	+34,048	—22,000	+16,000
(17)	150	1,000	190
(18)	25	23	20

(Continued on Page Seven)

9-10—EDUCATIONAL BUILDINGS

2/8/46 • 9
BOND ELECTION
SCHOOL BLDGS. Cost, $600,000
REDWOOD CITY, San Mateo Co., Calif.
Construction of (1) manual arts and homemaking building and gymnasium at McKinley Elementary School, Duane St and James Ave., $160,000; (2) alterations and repairs to Lincoln Elementary School, Whipple Ave. and Oakdale St., $12,000; (3) 4-classroom addition to John Gill Elementary School, Jefferson Ave. between Avenue del Ora and Myrtle St., $70,000; (4) alterations and repairs to Washington Elementary School, Woodside Rd. and Cypress Ave., $20,000; (5) Central Elementary School, Broadway and Middlefield Rd.; (6) Garfield Elementary School, Middlefield Rd. and Fifth Ave.
Owner — Redwood City Elementary School District, Andrew Spinas, superintendent, Redwood City.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco.

The school district will vote February 26 on a proposal to issue bonds in the amount of $600,000 to finance construction of the above.

2/8/46 9
PREPARING PLANS
SCHOOL BUILDING Cost, $160,000
ROSEBURG, Ore. Riverside on the Garden Valley Rd.
Construction of 8-classroom school with cafeteria and gymnasium.
Owner—Roseburg Schools, Paul S. Elliott, superintendent.
Architects—Freeman & Hayslip, Postal Bldg., Portland, Ore.

2/8/46 • 9
BOND ELECTION

BISHOP, Inyo Co., Calif.—The Lo-Inyo School District of Inyo County will vote February 19 on a proposal to issue bonds in the amount of $60,000 to finance construction of school expansion.

2/8/46 10
PREPARING PLANS

LOS ANGELES, Calif. — Architect Wallace Neff, 5927 Franklin Ave., Los Angeles, is starting working drawings for the construction of two dormitories and agymnasium building at 7101 W. 80th St., Venice District, for Loyola University. The dormitories will be one-story structures containing 22,842 square feet of floor space each, and will be frame and stucco construction, shingle tile roofing, cement and linoleum floors, tile showers and baths, wood sash, gas heating; the gymnasium will contain 23,340 square feet of floor space and will be reinforced concrete construction, wood trusses, cement and maple floors, steel sash, tile work in showers. Total cost will be $300,000 McNeil Construction Co., 5860 Avalon Blvd., Los Angeles, will be the contractor.

2/8/46 9
BIDS WANTED

MARICOPA COUNTY, Ariz.—Until March 14, 2 P. M., bids will be received by the Board of Supervisors of Maricopa County, Courthouse, Phoenix, Ariz., for the construction of school buildings at Grandview, Longview and Osborn schools and certain alterations at Osborn School for School District No. 8 of Maricopa County, Arizona, as follows:

(1) lunchroom building and home economics building at Grandview School;
(2) lunchroom building and home economics building at Longview School;
(3) lunchroom alterations and home economics building at Osborn School;
(4) lunchroom building and home economics building at Grandview School; lunchroom building and home economics building at Longview School, and lunchroom alterations and home economics building at Osborn School.

Plans and specifications may be obtained from the office of Lescher & Mahoney, architects, 1100 Title & Trust Bldg., Phoenix, Ariz., upon deposit of $10. Bidder's guarantee of 5% to accompany each bid.

2/8/46 • 9
BOND ELECTION

FRESNO, Fresno Co., Calif.—The Teague School District of the County of Fresno, will vote February 26 on a proposal to issue bonds in the amount of $25,000 to finance construction of alterations and additions to school buildings.

2/8/46 • 9
BOND ELECTION

FRESNO, Fresno Co., Calif.—The Easterby School District of County of Fresno, will vote February 26 on a proposal to issue bonds in the amount of $70,000 to finance construction of alterations and additions to school buildings.

(Continued on Page Seven)

12-13—INDUSTRIAL BUILDINGS

2/8/46 • 12
CONTRACT AWARDED

EL TORO, Orange Co., Calif.—Hugh Robinson & Sons, 5214 Santa Fe Ave., Los Angeles, at $11,715, was awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under NOy 13335 for additional refrigeration facilities at the Marine Corps Air Station, El Toro, Calif.

2/8/46 12
FIRE LOSS

SAN BERNARDINO CO., Calif.—Snyder & Son packing plant, 225 E. Stowell, Upland, was recently damaged by fire which caused an estimated loss of $200,000. The building was owned by George Hansen, Upland.

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Laboratory Bldg., Moffett Field; Bids close February 8, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736).
Carl N. Swenson Co., 355 Stockton Ave., San Jose (BAllard 2602).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054).
De Luca & Son, 1745 Filbert Street, San Francisco (ORdway 3600).
M. J. King, Inc., 231 Franklin Street, San Francisco (UNderhill 8209).
Peter Sorensen, 927 Arguello St., Redwood City (Redwood 2212).
Parker, Steffens & Pearce, 135 South Park, S. F. (EXbrook 6639).

Store Bldg., Railroad Ave. and E 7th St., Pittsburg; Bids open Feb. 9, 11 AM
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Louis C. Dunn Co., 799 Monadnock Bldg., San Francisco (YUkon 1471)
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).

Tulana Farms Grain Elevator, Worden, Ore.; Bids Ipen Feb. 14, Noon.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

Tank Truck Loading Fac., Standard Oil, Richmond; Bids open Feb. 18, Noon
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980
Barrett & Hilp. 918 Harrison St., San Francisco (DOuglas 0700).

Shops Bldg., San Mateo Junior College; Bids open February 13, 8 P. M.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Monson Brothers, 475 Sixth St., San Francisco (DOuglas 5357).
Haas Constr Co., 326 Merchants' Exchange Bldg., S. F. (EXbrook 1205).
C. L. Wold Constr. Co., Ltd., 4412-16 Fulton St., S F. (SKyline 4362)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S F (EXbrook 6906 or 7054)

Superstructure, Shop Bldg. No. 411, San Francisco Naval Shipyard; Bids open February 21, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
A. Farnell Blair, 9 Main St., San Francisco (YUkon 0390)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)

Factory, Kay Chesterfield Mfg. Co., Oakland; Bids open Feb. 8, 3 P. M.
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064)
Anderson & Hagland, Inc., 219—41st St., Oakland (OLympic 9103)
California Builders Co., Inc., Cor. Hobart and Webster Streets, Oakland (TEmplebar 6780).

Warehouse, Standard Oil Co., 7th and Irwin Streets, San Francisco; Bids open February 15.
Robert McCarthy Co., 1050 Kirkham St., San Francisco (OVerland 4050)
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624).
E. S. McKittrick Co., 610—16th St., Oakland (TWinoaks 5070)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579)
Fred J. Early Co., 369 Pine Street, San Francisco (SUtter 1731).

Armstrong & Campbell Showroom and Garage, San Rafael; Bids open February 9, 2:00 P. M.
E. P. Merritt, 102 Rialto Bldg., San Francisco (YUkon 1274).

Auto Sales and Service Bldg., San Francisco; Bids open February 18.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Peter Sorensen, 927 Arguello St., Redwood City (Redwood 2212).
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081)

California Truckaway Co Bldgs., Richmond; Bids open February 8.
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).

Theatre Bldg., Salinas; Bids open February 15, 4 P. M.
Erbentraut & Summers, 446—6th St., San Francisco (MArket 8310)

Ongara Food Locker Bldg., Greenfield Avenue, San Anselmo; Bids open February 14, 5:00 P. M.
E. P. Merritt, 102 Rialto Bldg., San Francisco (YUkon 0656).

Superstructure, Shop Bldg., S. F. Naval Shipyard; Bids open Feb. 21, 11 AM
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).

Chevrolet Agency, San Rafael; Bids open February 15, 5 P. M.
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).

Ongara Food Locker, San Anselmo: Bids open February 14, 5 P. M.
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).

Tool Shed, Lincoln Park Golf Course, S. F.; Bids open Feb. 11, 2 P. M.
N. O. Wiseth, 711 McAllister St., San Francisco (FIllmore 1231 or 9953)

Outdoor Gunnery Range, NAAS, Crows Landing; Spec. 17507; Bids open February 26, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).

Automobile, Appliance Service Building, Geary Blvd., S. F.; Bids open February 26, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).

Elrgero Res., Merced Ave. near Garcia, S. F.; Bids open Feb. 14, 5 P. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).

Kunst Bros. Store Bldg., Valencia nr Duboce; Bids open Feb. 14, 5 P. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).

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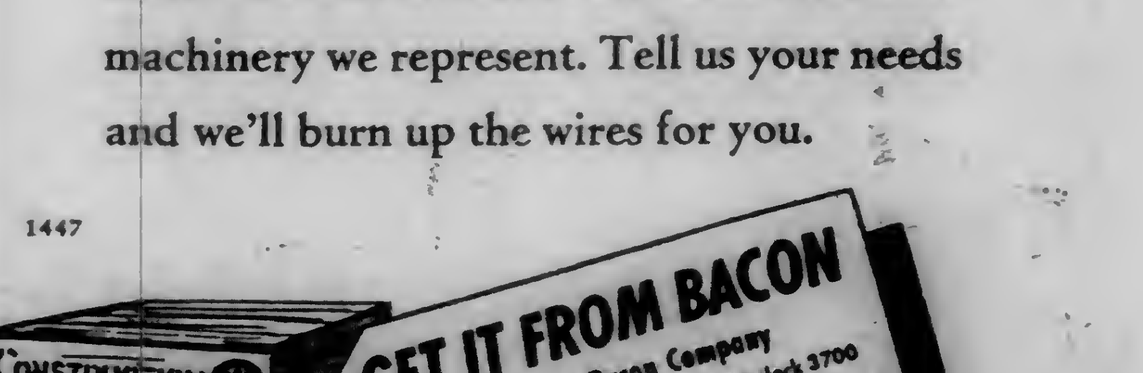
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ADVANCE CONSTRUCTION REPORTS

2/846 • • 12
BIDS OPENED

SAN FRANCISCO Naval Shipyard. —M. J. King, Inc., 231 Franklin St., submitted low total bid February 7 to the Public Works Office, Room 2110 Administration Building, San Francisco, under Spec. 17230 for expansion of sheet metal shop and addition to pipefitters' shop at the San Francisco Naval Shipyard.

The work involves construction of a two-story timber frame addition to building No. 217, and two-story additions, together with certain alterations to Bldg. No. 256 in timber construction, which shall be used for industrial shop purposes and which includes the demolition of some existing work, the relocation of partitions and walls, concrete, masonry, floor coverings, asbestos siding, magnesite flooring, ventilation and utilities, all within the Naval Shipyard, San Francisco.

Complete bids were:

M. J. King, Inc., (A) sheet metal shop, $58,827; (B) pipe fitters' shop, $76,814; (1) ded. $650; (2) ded. $400; (3) ded. $1500; (4) ded. $6000; (5) ded. $300.

Erbentraut & Summers, (A) $56,000; (B) $85,000; (1) $600; (2) $400; (3) $3900; (4) $8500; (5) $400.

M. & K. Corp., (A) $58,200; (B) $83,300; (1) $625; (2) $400; (3) $700; (4) $8400; (5) $475.

Clinton Constr. Co., (A) $67,800; (B) $79,800; (1) $600; (2) $300; (3) $2500; (4) $2500; (5) $350.

James I. Barnes Constr. Co., (A) $72,400; (B) $80,500; (1) $700; (2) $300; (3) $3000; (4) $2000; (5) $750.

2/8/46 • 12
PROSPECTIVE BIDDERS
FROZEN FOOD LOCKER

SAN ANSELMO, Marin Co., Calif. Greenfield Ave.
Construction of one-story concrete and steel frozen food locker building (40x80 ft.).
Owner—J. J. Ongara, c/o architect.
Architect—C. F. Gromme, Alberts Bldg., San Rafael.

As previously reported, bids will be opened February 14, 5 P. M.

Gaither & Boe, 421 Alameda Rd., San Anselmo.

Peter Sartorio, 262 Clementina St., San Francisco.

Younger Construction Co., 575 Mission St., San Francisco.

De Luca & Son, 1745 Filbert St., San Francisco.

Litchfield Construction Co., 721 Francisco Blvd., San Rafael.

E. P. Merritt, 102 Rialto Bldg., San Francisco.

Kavanagh, Novato.

2/8/46 • 12
SUB-CONTRACTS AWARDED
MANUFACTURING PLANT
Cost, $70,000

SAN FRANCISCO. Treat Ave between 16th and 17th Sts.
Construction of one-story and mezzanine mill-frame manufacturing plant for wood stair-building.
Owner and Builder—J. di Cristina & Son, 3150 18th St.
Engineer—Alfred P. Fisher, 300 Montgomery St.
Roofing—Alta Roofing Co., 976 Indiana St.
Plumbing—A. J. Silva, 455 Hayes St.
Sheet Metal—Morrison & Co., 74 Duboce Ave.
Reinforcing Steel—Judson-Pacific-Murphy, 1200 17th St.
Concrete—John Cassaretto Co., Sixth and Berry Sts.
Trusses—Associated Wood Products, 1335 Sixth St., Berkeley.
Overhead Doors—Glide In Overhead Door Co., 5420 San Pablo Ave., Oakland.
Grading—Eaton & Smith, 715 Ocean Ave.
Siding—Western Asbestos Co., 675 Townsend St.
Wiring—Aattenham Electric Co., 20 Manor Dr.
Boiler—Dundon Iron Works, 2285 Jerrold.
Wire Mesh—Dunham, Carrigan & Hayden, Kansas and Division Sts.
Glass—Cobbledick & Kibbe, 66 Berry St.
Painting—W. G. Thompson, 1707 Folsom St.
Plastering—M. J. King, 231 Franklin St.

(Continued on Page Seven)

14-17—PUBLIC BLDGS.

2/8/46 • 15
BIDS OPENED

CORONA, Riverside Co., Calif.—George Goedhart, 1884 Woodlyn Rd., Pasadena, at $6240, submitted the low bid to the U. S. Navy, Public Works Office, U. S. Naval Base, Terminal Island (San Pedro), February 9, for alterations to administration building to provide morgue and autopsy room at the U. S. Naval Hospital, Corona, Calif.; Specification No. 17464, NOy 13308.

Bids were submitted on the following items:
(1) lump sum, entire work complete;
(2) lump sum, work complete but omitting the furnishing of electric refrigerators;
(3) lump sum, work complete but omitting the paving and appurtenant work;
(4) lump sum, work complete but omitting the refrigerators and in addition omitting the paving and appurtenant work;
(5) price for each cu yd. of rock excavation as specified.

The complete bids were:

George Goedhart, (1) $6240, (2) $5340, (3) $5340, (4) $4450, (5) $6.75.

Arthur Pinner Jr., (1) $10,900, (2) $10,000, (3) $9344, (4) $8244, (5) $20.

W. C. Smith, Inc., (1) $13,900, (2) $12,900, (3) $12,400, (4) $11,400, (5) $30.

2/846 • 15
BIDS WANTED—TO BE OPENED FEBRUARY 13, 11 A. M.
PUBLIC SAFETY BUILDING

BREMERTON, Wash., Burwell St. between Washington and Pacific.
Construction of 3-story building to include legal department, city courts and police department.
Owner—E. Jennings Beard, city clerk, City Hall, Bremerton.
City Engineer—S. S. Severance, City Hall, Bremerton.

Specifications and plans obtainable from the office of the city clerk.

2/8/46 15
ACQUIRING SITE

LOS ANGELES, Calif.—The Los Angeles County Board of Supervisors, 501 Hall of Records, Los Angeles, adopted a motion February 5, authorizing Wayne Allen, county administrative officer, to proceed with the acquisition of properties on First between Hill and Broadway for the site of the proposed county law library building; estimated cost, $600,000.

(Continued on Page Seven)

22-26—RESIDENTIAL BUILDINGS

2/8/46 22
MOTEL Cost, $250,000

STANISLAUS COUNTY, Calf. East side of Golden State Highway, south of Modesto, between Hatch Crossing and Ceres.
Construction of a large motel with swimming pool, cocktail lounge and restaurant, recreational facilities, etc., on 7½-acre site.
Owner—Tiny Waffle Shop, W. W. Naylor, owner; T. B. Thompson, district manager, 4276 Broadway, Oakland.
Architect—Not announced.

2/8/46 • • 24
PLANS BEING FIGURED—BIDS OPEN FEB. 14, 5 P. M.
RESIDENCE

SAN FRANCISCO. Merced Avenue, near Garcia
Construction of two-story frame and stucco residence (7 rooms).
Owner—Mr. Eirgero, c/o Architect.
Architect—John J. Foley, 770 Fifth Avenue.

Plans are being figured by the following contractors:
M. J. King, Inc., 231 Franklin St.
Ed Zinkand & Son, 667 36th Ave.
Jack Callaghan, 900 Clayton St.

(Continued on Page Seven)

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Water Supply and Sewage Disposal Plants 31-32
Bridges 33
Dams, Reservoirs and Dredging 34
Docks, Piers & Harbors 35
Parks, Airports and Playgrounds 36
Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

2/8/46 • • 31
BIDS WANTED

SAN FRANCISCO.—Until Feb. 19, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Water Department Contract No. 415 for laying of 8-inch main in Alemany Blvd. east of Maglee.

Work involves:
(1) 300 l.f. excav. and backfill;
(4a) 300 l.f. install 8-in. B&S pipe;
(6a) 40 lbs. make bell and spigot joints;
(7) 900 sq. ft. repave sidewalk pave.
(8) install 12 ¾-in. screw taps;
(9) install 60 l.f. ¾-in. service pipe;
(10) lump sum, field inspection per day, $10.75.
(A) Materials furnished and services rendered by the San Francisco Water Dept., $575.20.

Plans and specifications obtainable from the Cashier's Office, 6th floor, 425 Mason St.; no deposit required.

(Continued on Page Seven)

33—BRIDGES

2/8/46 • 33
BIDS WANTED

SAN BERNARDINO COUNTY, Calif—Until February 21, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, district engineer, 247 3rd St., San Bernardino, Calif., for performing work as follows: San Bernardino County, across Mission storm drain, six miles southeast of San Bernardino (VIII-SBd-26-A) a bridge to be widened.

The work involves:
(1) 25 cu. yds. removing concrete;
(2) clearing and grubbing;
(3) 200 cu. yds. structure excavation;
(4) 136 cu. yds. class A portland cement concrete;
(5) 52 lin. ft. concrete railing;
(6) 21,000 lbs. bar reinforcing steel;
(7) 17 each, portable timber barricades;
(8) miscellaneous items of work.

Specifications obtainable from the above office.

2/8/46 • 33
LOW BIDDER

LOS ANGELES COUNTY, Calif.—Macco Construction Co, Clearwater, Calif., at $599,121.50, submitted low bid to the State Division of Highways, G. T. McCoy, state highway engineer, State Bldg., Los Angeles, for constructing a structural steel overhead crossing on Terminal Island Freeway over the tracks of the Union Pacific Railroad Co. in the City of Los Angeles.

This is a national defense ontract.

The work involves:
(1) 3700 cu. yds. structural excavation;
(2) 5960 cu. yds. class A portland cement concrete;
(3) 2,743,000 lbs. furnish structural steel;
(4) 2,743,000 lbs. erect structural steel;
(5) 53,950 lin. ft. furnish timber piles
(6) 1078 each drive timber piles;
(7) 3224 lin. ft. furnish steel piles;
(8) 52 each drive steel piles;
(9) 30 each pile splices;
(10) 1,024,000 lbs. furnish bar reinforcing steel;
(11) 1,024,000 lbs. place bar reinforcing steel;
(12) 2250 lin. ft. steel railing;
(13) electrical equipment;
(14) miscellaneous items of work.

34—DAMS, RESERVOIRS & DREDGING

2/8/46 • • 34
BIDS OPENED

SEATTLE, Wash.—General Constr. Co., 3840 Iowa Ave., Seattle, at $66,600 submitted low bid to Capt. G. A. Duncan, officer in charge of construction, Bureau of Yards & Docks, 13th Naval District. Enxchange Bldg. Seattle, under Spec. 17606 for dredging to include removal and disposal of 83,000 c.y. of material to depth of elevation of 35 ft., and disposal of same on spoil area to depth below elevation of 57 ft. at piers 90 and 91, U. S. Naval Station.

Only other bidder was Puget Sound Bridge & Dredging Co., Seattle, at $87,400.

2/8/46 • • 34
BIDS WANTED

LONG BEACH, Los Angeles Co., Calif.—Until Feb. 19, 10 A. M., bids will be received by the Board of Harbor Commissioners of the City of Long Beach. office of the Port Manager, 1333 El Embarcadero, Long Beach, for labor and materials for dredging at Channel No. 3, Slip No. 5, Entrance Channel and adjacent to Piers A and D, Long Beach Harbor. Plans and specifications available at the above office upon deposit of $10. Completion time, 120 days.

(Continued on Page Seven)

38—ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

2/8/46 • • 38
BIDS POSTPONED

OROVILLE to Sacramento, Calif. —Until Feb. 25, 10 A. M. (bids postponed from Feb. 11, 10 A. M.), bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1152, for the construction of a 230-kilovolt transmission line from Oroville to Sacramento.

The transmission line, approximately 56 miles in length, will be a 230,000-volt, 3-phase, 60-cycle, 3-wire, single-circuit of steel-tower construction. The towers will be from 60 feet to 110 feet in height. The conductors for the line will be either 795,000-circular mil aluminum, steel reinforced, or 500,000-circular mil expanded type copper. Two transpositions will be constructed in the line. The tower footings will be of the reinforced concrete type. The principal items of work and the approximate quantities involved are as follows:
(a) For aluminum conductors (266 towers);
3200 c.y excav. for tower foundations;
1600 c.y. concrete for towe foundations;
furnishing and placing 22,000 lbs. of reinf. bars for tower foundations;
placing 67,000 lbs. of steel stubs for tower footings;
erecting 4,000,000 lbs. of structural steel for towers.
(b) for copper conductors (298 towers):
3600 c.y. excav. for tower foundations;
1800 c.y. conc. for tower foundations;
furnishing and placing 24,000 lbs. of reinf. bars for tower foundations;
placing 75,000 lbs. of steel stubs for tower footings;
erecting 4,500,000 lbs. of structural steel for towers.

In addition to the above items, the installation of insulators and the stringing of conductors will also be required.

This invitation for bids does not cover the purchase of materials which are to be furnished by the government. Materials to be furnished by the contractor and those furnished by the government are described in the specifications which will be a part of the contract.

The work shall be commenced within 15 calendar days after date of receipt of notice to proceed and shall be completed within 180 calendar days from the date of receipt of such notice.

No charge to prospective bidders for copies of the specifications and drawings; to others, $1.25 per copy, not returnable.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: R. L. Boke, regional director, Old Post Office Bldg., 7th and K Sts., Sacramento 14; I. C. Harris, acting construction engineer, Redding, Calif.; Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C.

Prospective bidders desiring to visit the site of the work should communicate with the acting construction engineer.

2/8/46 • • 38
BIDS POSTPONED

PORTLAND, Ore.—Until Feb. 27, 8 P. M. (bids postponed from Feb. 13, 1:30 P. M.) bids will be received by the U. S. Department of Interior, Bonneville Power Administration, L. C. Stewart, procurement officer, 1300 NE Union Ave., Portland 8, for furnishing all labor, certain materials and performing all work for construction of Albany-Toledo 115-kv. wood pole transmission line, beginning at structure identified as A T-2/9, approx. two miles northwest of Albany, west to approx. ¼ mile east of Toledo, 40.2.

Specifications obtainable from the above office.

(Continued on Page Seven)

39—SEWERS

2/8/46 • 39

TUCSON, Ariz.—Until February 15, 4 P. M., bids will be received by Phil J Martin Jr., city manager, City of Tucson, City Hall, Tucson, for the construction of a sanitary sewer outfall extension consisting of 4660 lin. ft. of 15-in. vitrified clay pipe, 701 lin. ft. of 18-in. of same, 160 lin. ft. of 16-in. cast iron pipe, 16 manholes, 2760 cu. yds. of trench excavation, 2150 sq. yds. of asphaltic pavement and other miscellaneous work incidental thereto. Specifications available from the office of the city engineer, City Hall, Tucson, upon deposit of $10.

2/8/46 • 39
CONTRACT AWARDED

FRESNO, Fresno Co., Calif.—Kovick Bros. Construction Co., 145 W. Shields Ave., Fresno, at $7526.72, was awarded contract by the Commission of the City of Fresno, D. E. Roughton, city clerk, City Hall, Fresno, for the installation of sewers in Farview Gardens and Fairview Gardens Annex, Fresno.

The work involves:
(1) 1154 lin. ft. 8-in. vit. clay pipe;
(2) 3358 lin. ft. 6-in. vit. clay pipe;
(3) 149 wyes;
(4) 8 each concrete manholes.

2/8/46 • 41

2/8/46
BIDS WANTED

TRACY, San Joaquin Co., Calif.—As previously reported, until Feb. 19, 8 P. M., bids will be received by the office of the city clerk, Charles E. De Freitas, City Hall, Tracy, for the construction of 8-in. and 10-in. vitrified clay lateral and intercepting sewers, and water distribution lines consisting of 4-in., 6-in. and 8-in. cast iron pipe with valves, valve boxes, hydrants and the necessary fittings and the final testing and sterilization of the lines.

Plans and specifications may be obtained from the office of the city clerk or from the office of Consulting Engineer John S. Bates, 3134 Eton Ave., Berkeley.

Each bid must be accompanied by cashier's check or certified check in amount of 5% of bid.

The work involves:
(1) 630 lin. ft. 10-in. vitrified pipe sewer;
(2) 940 lin. ft. 8-in. vitrified pipe sewer;
(3) two manholes;
(4) two lamp poles;
(5) 32 8x6 vitrified wye branches;
(6) one 10-in. stub;
(7) two 8-in. stubs;
(8) 1225 lin. ft. 8-in. cast iron water line;
(9) 972 lin. ft. 6-in. cast iron water line;
(10) 540 lin. ft. 4-in. cast iron water line;
(11) two 8x8x6x6-in. cast iron crosses
(12) two 8x8x4x4-in. cast iron crosses
(13) two 6x6x6-in. cast iron tees;
(14) two 4x4x6-in. cast iron tees;
(15) three 8-in. gate valves;
(16) six 6-in. gate valves;
(17) two 4-in. gate valves;
(18) four fire hydrants;
(19) 11 cast iron valve boxes.

(Continued on Page Seven)

40—STREETS AND HIGHWAYS

28/46 40
TO ASK BIDS

FORT PECK, Mont.—The U. S. District Engineer Office, Fort Peck District, Fort Peck, Mont., will issue plans and specifications about Feb. 15 and receive bids approximately 30 days later, for construction of "road from dam to spillway" at Fort Peck, Mont., a distance of approximately 2.8 miles, including the formation of roadway embankment, subgrade, approaches, shoulders, base course, drainage and interception ditches and construction and installation of culverts, drainage structures and guard posts. The roadbed and appurtenant work will be built to approximately Montana State Highway primary standards Approximately 600,000 cu. yds. of unclassified excavation will be placed and compacted in an embankment fill. A 7-inch gravel base course will be placed on the fill. Approximately 1800 feet of corrugated metal pipe will be placed. Work will commence within 30 days after notice of award and will be completed within 215 days.

(Continued on Page Seven)

Machinery & Material

(Continued on Page Eight)

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POSITION WANTED

POSITION WANTED

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ALAMEDA

ASHCROFT, G. B., 1823 Alameda Avenue.
CORNELIUS, ALBERT, Clinton Ave. and Grand Street.
HASS, ANDREW T., 1711 Palmera Court.
HEWETSON, ANGELO, 1100 Versailles Avenue.

ALBANY

DeMONTE, LOUIS A., 518 Carmel Avenue.

ALDERPOINT

HIGBIE, HOWARD W.

ATHERTON

JANSSEN, ARTHUR D., 58 Austin Avenue.

BAKERSFIELD

BIGGAR, CHAS. H., 730 Holtby Rd.
CULLIMORE, C. C., 2329 Truxton Avenue.
WYNKOOP, FRANK, Haberfelde Building.

BELMONT

LARSEN, ALBERT H., Box 69.

BURLINGAME

BROWN, IRVING FORBES, 1915 Adeline Drive.
GILLAM, W. C. F., 1404 Palm Drive.
McSWEENEY, ANGUS, 112 Pepper Avenue.
NORBERG, ERNEST L., 407 Occidental Avenue.
SHARPS, L. J., 735 W. Poplar St.
SHARPS, LEO J., 1477 Burlingame Avenue.
STEPHEN, WALLACE A., 2025 Carmelita Avenue.
THAYER, OSCAR R., 1257 Cabrillo Avenue.

BERKELEY

ALLEN, HARRIS C., 2514 Hillegass.
ANTHONY, JOHN B., 2829 Forest Avenue.
BALLANTINE, JOHN KNOX, Jr., 1512 La Loma.
CHILDS, ELMER E., 702 Spruce St.
CONFER, FREDERICK L., Hotel Claremont.
De MARS, VERNON, 1195 Euclid Avenue.
DeCHENE, ERNEST R., 716 Arlington Avenue.
DE LONG, SCOFIELD, 2656 Le Conte Avenue.
DeSANNO, RAYMOND, 2584 Milvia Street.
DONOVAN, JOHN J., 950 Parker St.
DRAGON, PAUL L., 2068 Allston Way.
FERREE, HAROLD, 2100 Virginia.
GENSS, HAROLD F., 1319 McGee Avenue.
GOODMAN, MICHAEL, 2161 Shattuck Avenue.
GUTTERSON, HENRY H., 2922 Garber Street.
deLAPPE, RUSSELL GUERNE, Hotel Claremont Bldg.
HARDMAN, B. R., 2068 Allston Way.
HAMMARBERG, PAUL H., 2 Norwood Avenue.
HATCH, JOHN DAVIS, 2631 Hillegass Avenue.
HAYMOND, SCOTT, 2323 Shattuck Avenue.
HAYS, WM. C., 2924 Darby Street.
HUNTER, ALBERT R., 1604 Capistrano.
JEANS, RAYMOND W., 1824 San Pedro Avenue.
JORY, ARTHUR V., 1395 Scenic Ave.
JORY, STAFFORD L., 1370 Euclid Avenue.
KLINKHARDT, GEORGE R., 44 Eucalyptus Road.
LAKE, H. RAFAEL, Claremont Hotel
LINDLEY, CHARLES R., 1037 Colusa Avenue.
MAYBECK, BERNARD R., 2751 Buena Vista Way.
MEMMLER, ARTHUR H., P. O. Box 124.
MILLER, LEFFLER B., 2369 Le Conte Street.
MOISE, HOWARD, 71 Panoramic Way.
MEYERS, MILDRED S., 2024 Central Avenue.
OFFICER, GWYNN, 2068 Allston Way.
PLACHEK, JAS. W., P. O. Box 210.
PRICE, OSCAR M., 1667 Short St.
RATCLIFF, W. H., 2323 Shattuck Avenue.
RUSS, E., 3141 College Avenue.
SANFORD, FLORENCE H., 274 Bancroft Way.
SCHMIDTS, CARL R., 2068 Allston Way.
SHAW, NORMAN W., 71 Tunnel Rd.
SIMPSON, HORACE G., 201 Tunnel Road.
STEILBERG, WALTER T., No. 1 Orchard Lane.
TALLEY, WESLEY ANDRES, 51 Maryland Avenue.
THOMAS, JOHN HUDSON, 31 Norwood Avenue.
WAGNER, WALTER E., 775 Vincente Ave.
WELLINGTON, WINFIELD SCOTT, 1525 Arch Street.
WITKIN, ELIZABETH HILLIER, 2712 Shasta Road.
WOLFARD, HAROLD N., 2772 Shasta Road.
YELLAND, W. R., 829 Coventry Rd.

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GENTRY, LAWRENCE, Box 352, Los Altos.
GREENE, C. SUMNER, Box 1955.
JONES, ROBERT, Box 927.
LATHAM, MILTON, P. O. Box 1257.

CHICO

STORY, A. W., 116 W. Second St.

CONCORD

REID, FRANCIS W., Route No. 1.

EL CERRITO

RIGGS, ROBERT, 7314 Hotchkiss Avenue.

EUREKA

ACKERMAN, NEWTON, 104 West Fourth Street.
GEORGESON, F. T., Box 55.

FAIRFAX

de COLMESNIL, GEO. T., 14 Canyon Road.

FRESNO

BUCKINGHAM, PHILIP S., 1922 Clinton Avenue.
COATES, W. D., 704 Helm Building.
COLLINS, ALLEN C., 356 Vassar.
FRANKLIN, CHARLES H., 1244 O Street.
HORN, DAVID H., 601 Rowell Bldg.
KUMP, ERNEST J., 1244 O Street.
LAKE, H. RAFAEL, 1205 Mattei Building.
PETERSON, EDW. W., Mason Bldg.
SWARTZ, FREDERICK L., 624 Rowell Bldg.

HAYWARD

SIMONDS, GEORGE P., 40 Main St.

HILLSBOROUGH

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NARBETT, KEITH O., Rt. 2, Box 30.

LARKSPUR

STONER, HAROLD G., 71 Marina Vista Ave.

LOS ALTOS

HODGSON, GILBERT, Rte. 1, Box 697.

LOS GATOS

ROOT, CHESTER, Blossom Hill Rd.
KENSIT, HENRY DAVID, Post Office Bldg.

MENLO PARK

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HEMPEL, WM. F., 380 Laurel Dr.
YOUNG, JOHN D., RFD 1, Box 1087A.

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BERTENSHAW, JAS. W., 420 Moline Avenue.
LAMB, ARTHUR H., 909 Oakdale Avenue.
MILANO, J. P., de Silva Island.

MODESTO

De LAPPE, RUSSELL GUERNE, 1901 Downey Street.
HILBURN, GEORGE N., 1211 K St.

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RYLAND, C. P., P. O. Box 847.
STANTON, ROBT., Pebble Beach.

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ANDERSON, ARTHUR W., 1801 Bank of America Building.
BAXTER, WM. F., 1025 Second Ave.
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BLODGETT, EDWARD OSCAR, 1989 Hoover Avenue.
BROOKE, HERBERT VAUGHN, 542 Fairbanks Avenue.
BROWN, GUY L., 601 Bank of Commerce Building.
BRUNO, HARRY A., 1440 Broadway.
CERRUTI, EDW. D., 426 13th Street.
CHAMBERLAIN, LOY, 3833 Piedmont Avenue.
COLEMAN, N. L., Lafayette.
COLLINS, ALLEN C., 5945 Marden Lane.
CORLETT, WILLIAM G., 1801 Bank of America Building.
DENKE, A. REINHOLD, 634 15th St.
deLAPPE, RUSSELL GUERNE, 5460 Carlton.
ELLINGER, GEO. E., 1801 Casterline Road.
EVANS, JOHN M., 1308 E. 38th St.
FLORES, ERNEST, 2225 9th Avenue.
FORD, LEONARD H., 3361 Bruce St.
FOULKES, EDWARD T., 357 12th Street.
FROBERG, ALBEN, 3454 Harlan St.
GEBHARDT, W. H., 486 Mandana.
GEERING, JOHN HENRY, 3914 Randolph Avenue.
GIBBS, W. ROLAND, 6144 Rockridge Blvd. South.
GOSLINE, RICHARD C., 638 Caldwell Road.
HANIFIN, ARTHUR C., 3202 San Pablo Avenue.
HUDSPETH, JOHN, 427 13th Street.
HUTCHISON, ROBERT A., 3433 Andover Street.
JOHNSON, IRVIN M., 449 MacArthur Blvd.
JOHNSON, HERBERT T., 4716 Reinhardt Drive.
JOHNSON, KEPLAR B., 5347 Golden Gate Avenue.
KEEFER, RAY F., 770 Wesley Ave.
KOUE, A. LEWIS, 428 Thirteenth St.
LUIS, MISS ROSE E., 811 6th St.
MAYHEW, CLARENCE W., 6026 Acacia Street.
McCALL, CHAS. W., 837 Santa Rey Avenue.
MILLER, CHESTER H., Financial Center Building.
MORRISON, MILTON, 3710 Virden Avenue.
MORROW, GERTRUDE C., 6175 Hillegass Avenue.
MORROW, IRVING F., 6175 Hillegass Avenue.
NEWSOM, ARCHIE T., 5951 Contra Costa Road.
OLSON, DAVID, 4051 Kuhnle Ave.
PONSFORD, KEITH E., 1214 Webster Street.
PRICE, OSCAR M., 2025 10th Ave.
REYNOLDS, MALCOLM D., 3883 Piedmont Avenue.
SAWYER, HOUGHTON, 2058 Oakland Avenue.
SCHALK, LOUIS, 5515 Market St.
SCHIRMER, WM. E., 1419 Broadway.
SLOCOMBE, FRANCIS H., 132 Monte Cresta Avenue.
THOMSON, LAWRENCE G., 1308 E. 38th Street.
TREICHEL, CHESTER H., 696 Cleveland St.

ORINDA

ANDERSON, JAMES H., No. 5 Via Hermosa.
SISSON, RALPH C., 11 El Campanero.
WHITE, LAWRENCE R., 30 La Cintilla.
WINTER, ALBERT H., 171 Las Vegas Road.

PALO ALTO

STEDMAN, HENRY MORGAN, 666 Kellogg Avenue.
SUMNER, CHAS. K., Decker Oak Building.
BOYTER, ELIZABETH, 316 Kipling.
CLARK, BIRGE M., 310 University Avenue.
CLARK, DAVID B., 310 University Avenue.
THOMSON, DOLE FORD, 179 Lincoln Avenue.
NICHOLS, LESLIE I., 532 Emerson.
SAWYER, CHARLES, 155 Dana St.
SUMNER, CHAS., 760 University.

PIEDMONT

FARR, ALBERT, 175 Santa Rosa.
NEWSOM, NOBLE, 2083 Oakland Avenue.
BURNETT, HOWARD E., 52 Manor Drive.
CHAPMAN, FREDERICK A., 86 Wildwood Avenue.
GALLION, ARTHUR B., 1074 Annerley Road.
MILWAIN, W. E., 1503 Oakland Ave.

ROSS

WINNER, H. H., Wordsworth Ave.

SAN CARLOS

HODGSON, GILBERT, 1212 Cherry Street.

SALINAS

BUTNER, CHAS. E., 7 Winham St.

SAN JOSE

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CURTIS, E. N., 35 W. San Carlos St.
HIGGINS, WM. L., 84 S. First St.
JAEKLE, DONNELL E., Builders' Exchange Building.
KESS, EDWARD W., 515 First National Bank Building.
McKENZIE, CHAS. S., 22 S. 7th St.
ROOT, CHESTER, 84 S. First St.
SOBEY, GIFFORD E., 69 S. First St.
WYCKOFF, RALPH, Anglo Bank Building.

SACRAMENTO

CUFF, CLARENCE C., 1315 Q St.
DEAN, CHARLES F., 1407 California State Life Building.
DEVINE, HARRY J., Cronan Bldg.
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GILLEM, JAMES A., 4701 D Street.
GOODPASTER, HERBERT E., Mitau Building.
HARRISON, FREDERICK S., 1812 Del Paso Blvd.
SATTERLEE, IVAN C., California State Life Building.
SELLON, GEO. C., California State Life Building.
STAFFORD, GORDON, 1825 3rd Ave.
STARKS, LEONARD F., 416 Native Sons' Building.

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COLLINS, HENRY C., No. 9 Aragon Boulevard.
EDWARDS, THOMAS M., 123 Elm Street.
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DUCKERING, LYNN ROLLETT, 27 Front Street.

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SAUSALITO

BICKEL, REDDICK H., 148 Harrison Avenue.
CONSTABLE, ARNOLD S., 95 Spencer Avenue.
FAVILLE, WM. P., 35 Central Ave.
KETT, CONRAD F. T., 75 Crecienta.

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CLOWDSLEY, J. UPTON, 1767 Lucerne Street.
ERNST, ELMORE G., 501 E. Harding Way.
GALBRAITH, VICTOR, 834 W. Willow Street.
JOHNSON, ERIC, Elks' Building.
LOSEKANN, JOSEPH, 311 E. Market Street.
MAYO, FRANK V., 3119 N. American.
SALA, PETER L., 2130 N. Commerce Street.

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APPLEFORD, CARL W., 245 Market.

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BEEBEE, RALPH A., 1261 41st Ave.
BLUME, JOHN A., 68 Post Street.
BOGVAD - CHRISTENSEN, VILHELM, City Hall.
BREITE, W. W., 375 Sutter Street.
BROWN, ARCHIBALD A., 461 Market Street.
BRUNNIER, H. J., 612 Sharon Bldg.
BUELL, RAYMOND C., Second Floor Call Building.
BULLEN, ARTHUR C., 2 Pine Street.
BURGESS, E. O., 1200 17th Street.
BUSH, PHILIP LEE, 101 California.

CHACE, THOMAS F., 268 Market St.
CHERNO J., 245 Market Street.
CHEW, RICHARD SANDERS, 844-A Mills Building.
CORWIN, T. J., Jr., 245 Market St.
COTTEN, SHEPARD M., 308 Eddy.

DEGENKOLB, HENRY J., 405 Montgomery Street.
DEWELL, HENRY D., 604 Mission.

EARL, AUSTIN W., 233 Sansome St.
ELLISON, W. H., 500 Sansome St.
ENGLE, HAROLD MARSHALL, 110 Sutter Street.
FALK, MARK M., 251 Kearny St.
FISHER, ALFRED P., 300 Montgomery Street.

FISHER, R. J., 826 Crocker Building.

GOULD, JOHN J., Financial Center Building.

HALL, FREDERIC F., 251 Kearny.
HAMMILL, HAROLD B., 381 Bush.
HANSON, ROBERT A., 19th and Indiana Streets.
HARRIS, FREDERIC R., Inc., 230 California Street.
HASSENMILLER, WILFORD S., 100 Bush Street.
HAUN, GEORGE CLEVELAND, 580 Market Street.
HAYES, JESSE E., 525 Market St.
HENRY, RODNEY WM., Shell Oil Building.
HILL, GEORGE S., 36 Diamond St.
HJUL, JAMES H., 128 Russ Street.
HUBER, EARL RAYMOND, USFS, Phelan Building.
HUBER, WALTER LeROY, 1 Montgomery Street.
IRVIN, LESLIE A., Fort Winfield Scott.

JAKOBSEN, B. F., Balfour Building.

KEGLER, HOWARD L., 661 29th Avenue.
KELLBERG, F. W., 320 Market St.
KING, STANLEY C., 509 Sansome St.
KNAPIK, EDWARD MATHIAS, 1325 Crocker 1st National Bank Bldg.
KRAFFT, ALFRED J., Phelan Bldg.

LEVY, EDWIN F., 727 17th Avenue.
LITTLE, JOHN GOULDING, 251 Kearny Street.

MARDEL, CHARLES M., 2335 Pacific Avenue.
MEYERHOLZ, R. IVAN, 245 Market.

NISHKIAN, L. H., 1045 Sansome St.

PAQUETTE J. ALBERT, 320 Market Street.
PERKINS, MAC D., 110 Sutter St.
PHILLEO, R. A., CEC Hq., 4th Air Force.
POWERS, H. C., 612 Sharon Bldg.
PREGNOFF, M. V., 251 Kearny St.
RINNE, JOHN E., 225 Bush Street.

ROSENTHAL, HYMAN, 617 Montgomery Street.
ROSENWALD, JESSE, 525 Market.
SAMPSON, RAPHAEL, 333 Montgomery Street.
SAPH, A. V., Jr., Rialto Bldg.
SCHELLENBERG, G. W., 225 Bush.
SEAGE, CLARENCE E., 681 Market Street.
SJOBERG, HAROLD O., 233 Sansome Street.
SKYTTE, JOHANNES, City Hall.
SMITH, HARVEY A., 712 Pacific Building.
SMITH, JAS. M., 251 Kearny Street.
SPITZER, FELIX H., City Hall.
SQUIRE, HARRY EDWIN, 19 Ferry Building.
STEELE, I. CLEVELAND, 245 Market Street.
SWAIN, CLARKSON, 320 Market St.

THAYER, EDWARD S., 1208 Balfour Building.
THEILL, KAJ, 580 Market Street.
THOMPSON, ISADORE, 58 Sutter.
VENSANO, H. C., City Hall.

WASHINGTON, GEO., 417 Market.
WHIPPLE, S. K., 225 Bush Street.
WHITE, FRANK G., 18 Ferry Bldg.
WOODRUFF, GLENN B., 333 Montgomery Street.
WRIGHT, J. G., 233 Sansome Street.
ZOLLNER, CARL W., 333 Kearny St.

OAKLAND

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BASTOW, J. G., Grove Street Pier.
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CORLETT, WILL G., 1801 Bank of America Building.
COTTERILL, GEO. W., 5354 Lawton Avenue.
DALTON, ROBT. DOCK, City Hall.
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ELLERY, N. B., 2124 Coloma Street.
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HANSEN, CHARLES, Grove St. Pier.
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KITCHEL, MILTON P., City Hall.
LYMAN, RICHARD F., Jr., 6602 Chabot Road.
MANOV, MATEO M., 337 17th Street.
NEVIUS, SEARLE B., 184 13th St.
O'NEIL, HUGH M., 363 17th Street.
PLANT, FRANCIS B., 858 Alma Ave.
SANDNER, VICTOR R., c/o Moore Drydock Company.
SAWYER, FRANK L., 1025 2nd Ave.
SCHIRMER, HOWARD A., 1444 14th Street.
SLY, CLARENCE JEFFERSON, 638 Miranda Street.
THURSTON, EUGENE T., 869 Rosemount Road.
WHITTON, CHAS. A., 1025 2nd Ave.
WILLIAMSON, H. P., 3589 Fruitvale Avenue.

WASHINGTON, D. C.

LOTZ, WM. D., Bureau of Yards and Docks.

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McKEE, GEORGE T., Saranap.

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ROSS

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ENGER, ARTHUR L., Public Works Building.
EWING, M. A., 1120 "N" Street.
FRANCIS, ERNEST D., Cronan Building.
HOLLISTER, LEONARD C., State Bridge Department.
HUTCHINSON, RALPH W., Public Works Building.
ILLERICH, OTTOMAR THEODORE, Public Works Building.
JOHNSON, FRANK A., Public Works Building.
KROMER, CLARENCE HERBERT, Wright Building.
LONG, WALTER J., Department of Public Works.
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MEEHAN, ANDREW J., 2540 Fifth Avenue.
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PANHORST, F. W., P. O. Box 1490.
PETERSEN, WM., HARTMAN, Public Works Building.
PURCELL, CHARLES H., 210 Public Works Building.
REYNOLDS, FRANK HOWARD, 905 Forum Building.
ROWE, R. ROBINSON, 339 Public Works Building.
SHIELDS, JAMES RALPH, 206 City Hall.
STOVER, HARVEY D., 327 Public Works Building.
WALKER, ARTHUR V., 1020 "N" St.
WILLETT, ALBERT B., 708 36th St.
WILLETT, D. C., Public Works Bldg.

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HESS, C. W., 1242 Hawthorne Street.

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COX, HARRY A., 215 Elm Street.

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COLLINS, MERTON C., 82 Fairview Avenue.

FORT BAKER

BELL, CHARLES LAMBERT.

PALO ALTO

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WELLS, JAS. BERTRAND, 846 Lytton Avenue.
WING, CHAS. B., 345 Lincoln Ave.

No. California County and City Engineers

ALAMEDA, Carl Froerer.
ALAMEDA CO., Wallace B. Boggs.
ALBANY, U. R. Grey.
ANTIOCH, John S. Bates.
ARCATA, Hal C. Acheson.
ATHERTON, James S. James.
ATWATER, W. E. Bedesen.

BAKERSFIELD, Joseph Holfelder.
BELMONT, Robert Klassen.
BENICIA, Phil R. Jones.
BERKELEY, Harry Goodridge.
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BUTTE COUNTY, Bert Paxton.

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CALISTOGA, Clyde C. Kennedy.
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CONTRA COSTA CO., J. W. Barkley.

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DEL NORTE CO., H. M. Malpas.
DOS PALOS, W. E. Bedesen.

EL CERRITO, R. R. Randall.
EMERYVILLE, Geo. T. Oliver.
EUREKA, Geo. S. Winzler.
EXETER, Irvin M. Althouse.

FRESNO COUNTY, A. J. Nielsen.

GILROY, W. J. Hanna.

HANFORD, Walter K. Hopkins.
HAYWARD, J. A. Mancini.

KERN COUNTY, J. R. Thornton.
KING CITY, M. F. Cozzens.
KINGS COUNTY, J. H. Hayes.

LIVERMORE, C. G. Clarke.
LIVINGSTON, W. E. Bedesen.
LODI, Clinton Henning.
LOS BANOS, W. E. Bedesen.
LOS GATOS, L. Cedric Macabee.

MANTECA, John S. Bates.
MARIN COUNTY, C. P. Clow.
MARTINEZ, Leonard McClintock.
MARYSVILLE, F. H. Divver, Jr.
MENLO PARK, Edwin Smith.
MERCED, G. E. Winton.
MERCED CO., W. E. Bedesen.
MILL VALLEY, Edward Hussey.
MODESTO, Frank J. Rossi.
MONTEREY, Howard Severance.
MONTEREY CO., H. F. Cozzens.
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NAPA, H. A. Harrold.
NAPA COUNTY, E. P. Ball.
OAKLAND, Walter N. Frickstad.
OROVILLE, S. J. Norris.

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PALO ALTO, Fabian S. Miller.
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PETALUMA, S. Gonzales.
PINOLE, Ross Calfee.
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PLACER COUNTY, John A. Shields.
PORTERVILLE, Irvin H. Althouse.

REDDING, A. H. Ross.
REDWOOD CITY, R. A. Klassen.
RICHMOND, E. A. Hoffman.

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TULARE CO., T. Wayne Switzer.
TURLOCK, Don Davis.
TULARE, John Boardman.
VALLEJO, T. D. Kilkenney.

VISALIA, Norman A. Huth.

WOODLAND, Asa G. Proctor.

YOLO COUNTY, Henry Von Dorsten
YREKA, Howard O'Connor.

ADVANCE CONSTRUCTION REPORTS

BUILDING SECTION

1-8—COMMERCIAL BLDGS.

2/8/46

ARCHITECT SELECTED

PLANT, OFFICES Cost, $1,000,000

SHELTON, Wash. Site undertermined.

Construction of major plant to produce softwood fiber insulating bd.

Owner—Simpson Logging Co., Shelton Wash.

Architect—Geo. W Stoddard & Associates, Orpheum Bldg., Seattle.

2/8/46 6

PREPARING SKETCHES

BAKERSFIELD, Kern Co., Calif.—Architects Wurdeman & Becket, 3757 Wilshire Blvd., Los Angeles, are preparing sketches for the construction of additions and alterations to a department store in Bakersfield for Brock Department Store. The addition will contain 30,000 square feet of floor space.

2/8/46 4

TO START WORK

LOS ANGELES, Calf.—Wm Simpson Construction Co., 816 W. 5th St., Los Angeles, will start work in about 30 days on the construction of three additional stories to a reinforced concrete office building at 4680 Wilshire Blvd. for the Farmers' Automobile Inter-Insurance Exchange, 4680 Wilshire Blvd., Los Angeles; estimated cost, $300,000. Plans were prepared by Claude Beelman, architect; Herman Spackler, associate architect, 1019 Union Bank Bldg., Los Angeles.

9-10—EDUCATIONAL BUILDINGS

2/8/46 9

FUNDS AWARDED

SCHOOL BLDGS. Est. Cost, $370,000

LA MESA - SPRING VALLEY, San Diego County, Calif.

Construction of three classrooms, cafeteria, kindergarten and sanitary facilities at the Spring Valley School; two classrooms and combination kindergarten and cafeteria, including covered walks at the Lemon Avenue School, and 12 classrooms including covered walks, kindergarten, admin. offices, cafeteria and sanitary facilities at Rolando School.

Owner—La Mesa-Spring Valley Sch. Dist., David H. Barnes, District Superintendent.

Architect—Samuel W Hamill, 1123 Bank of America Bldg., San Diego.

The Bureau of Community Facilities, FWA, 2223 Fulton St., Berkeley, Calif., awarded funds in amount of $16,900 to assist in preparation of the plans.

2/8/46 9

PROGRAM APPROVED

PHOENIX, Maricopa Co., Ariz.—The Phoenix Elementary School District, Dr. Donald E. Tope, superintendent, has approved a proposed building program and the calling of a bond election soon to finance the work in the district at a cost of $1,750,000.

An outline of the program follows:

A new building for colored children to be located on 15th Ave. south of Buckeye Rd.

This building will include administrative offices, 10 regular classrooms, a shop, homemaking room, library, art and music room, an auditorium and a lunchroom.

Franklin and Whittier schools each are to have four new classrooms, utility rooms, a shop, homemaking room and a lunchroom. At Garfield School a new lunchroom will be erected and a new building for the Garfield School District is to be constructed on a site to be acquired east of 16th St.

The new building for the Garfield School will consist of administrative offices, 10 regular classrooms, a shop, homemaking room, library, an art and music room, an auditorium and a lunchroom.

Additions to Booker T. Washington School are to include two classrooms, a shop, homemaking room, library and music rooms, an auditorium and a lunchroom.

A new building is to be erected on the site of the Stevenson School to house the upper grade children of the district The structure will have eight classrooms, utility rooms, a shop, homemaking room, library and an art and music room. A lunchroom for the school will be in a separate building.

The school system plans to acquire a new site in the southeast part of Phoenix for a building for primary grade children. This unit is to replace Lincoln School, which is located on the route for the proposed truck freeway.

Lincoln School's new home will consist of administrative offices, 12 classrooms and a kindergarten.

Plans also include the purchase of a school site in the northwest part of Phoenix to take care of future development in that area, and a new lunchroom for Adams School.

At present, building plans are only in the preliminary sketch stage. The architects for the program have not yet been selected.

2/8/46 9

FUNDS AWARDED

SCHOOL BLDG. Est. Cost, $135,000

MESA, Maricopa Co.. Ariz. School District No. 4.

Construction of an auditorium (900 students), 3 classrooms, a 6-bus garage and equipment. Approximate floor area, 14,860 sq. ft.

Owner—School District No. 4, Rulon T. Shepherd, Supt.

Architects — Lescher and Mahoney, Phoenix, Ariz.

The Bureau of Community Facilities, FWA, 2223 Fulton St., Berkeley, Calif., awarded funds in amount of $5048 to assist in preparation of the plans.

2/8/46 9

FUNDS AWARDED

SCHOOL BLDG. Est. Cost, $79,500

ROCK SPRINGS, Sweetwater County, Wyoming.

Construction of a classroom building including all necessary appurtenances.

Owner—Rock Springs School Dist., E. M. Thompson, Supt.

Architect—Kellogg & Kellogg, Rock Springs.

The Bureau of Community Facilities, FWA, 2223 Fulton St., Berkeley, Calif., awarded funds in amount of $2600 to assist in preparation of the plans.

2/8/46 10

FUNDS AWARDED

ART BLDG. Est. Cost, $400,000

LOS ANGELES COUNTY, Calif.

Construction of a new building to house the Otis Art Institute.

Owner—County of Los Angeles, W. A. Smith, Chairman, Board of Supervisors.

Architect—Pierpont Davis, 3215 West 6th St., Los Angeles.

The Bureau of Community Facilities, FWA, 2223 Fulton St., Berkeley, Calif., awarded funds in amount of $18,500 to assist in preparation of plans.

2/8/46 9

FUNDS AWARDED

SCHOOL BLDG. Est. Cost, $42,100

CHANDLER, Maricopa Co., Ariz.

Construction of additional school facilities. Plans will be made for remodeling and re-equipping science and home economics departments, and the construction of a new bandroom, 40x50-ft., with concrete foundations, brick walls, wood floor tile roof and steel windows, and two tennis courts.

Owner—Chandler High School Dist., W. G. Austin, Supt.

Architects—Gilmore & Varney, 303 Luhrs Tower, Phoenix.

The Bureau of Community Facilities, FWA, 2223 Fulton St., Berkeley, Calif., awarded funds in amount of $1400 to assist in preparation of the plans.

2/8/46 9

FUNDS AWARDED

HIGH SCHOOL Est. Cost, $112,000

GLOBE, Gila Co., Ariz. District No. 1

Construction of a gymnasium at the high school. Floor area approximately, 17,500 sq. ft., 100x175-ft.

Owner—Globe School District No. 1, Sturgeon Cromer, Supt.

Architect—Not Selected.

The Bureau of Community Facilities, FWA, 2223 Fulton St., Berkeley, Calif., awarded funds in amount of $4000 to assist in preparation of the plans.

2/8/46 9

BOND ELECTION

COMPTON, Los Angeles Co., Calif.—The Compton Junior High School and Junior College District will vote May 17 on a proposal to issue bonds in the amount of $985,000 to finance improvements in the district.

Of the total amount, $166,500 is earmarked for recommended improvements to the Lynwood Junior High School as follows:

Eleven classrooms, $88,000.
Gym shower additin, $30,000.
Cafeteria kitchen equipment, $15,500.
Furniture and equipment, $6000.
Ground improvement, $2000.
Girls' exercise room, $15,000.
Corrective exercise room, $6000.
Boys' storage room, $2000.
Girl' storage room, $2000.
Total, $166,500.

2/8/46 9

BOND ELECTION

SOUTH PASADENA, Los Angeles Co., Calif.—The South Pasadena Elementary School Board may call for a $550,000 bond issue to raise funds with which to rehabilitate existing elementary school buildings and entirely rebuild the Marengo School, South Pasadena, for the district.

Estimated cost of the building program as indicated in a survey authorized by the board is $599,800, but $550,000 is the maximum that the board can ask for in a bond issue.

Breakdown of the costs are as follows: New Marengo School, $209,000; El Centro rehabilitation, $90,100; Las Flores, $68,700; Lincoln, $39,200; Oneonta, $116,600; improvement of school grounds, $10,000; architect's fees, $51,800; equipment, $20,000. Total grand cost, $599,800.

2/8/46 10

APPROVED

LOS ANGELES, Calif.—The following dwelling units were approved for the Southern California area by the Federal Public Housing Authority as of February 1:

Los Angeles County Educational Institutions

U. C. L. A., 200.
Occidental College, 25.
Compton Junior College, 30.
Pomona College, Claremont, 35.
Woodbury College, 50.
Whittier College, 20.
George Pepperdine College, 40.
U. S. C., 200.

Southern California Public Bodies (Except San Diego)

Santa Barbara, 35.
Imperial County, 60.
Bishop, 20.
Santa Ana, 60.
Redlands, 20.
San Bernardino County, 164.
Ventura, 25.
Anaheim, 30.
Riverside County, 100.
Santa Maria, 50.
Bakersfield (Kern County), 83.

Educational Institutions

Redlands University, 30.
La Sierra College, 20.
Fullerton Junior College, 25.
U. C. Santa Barbara, 35.
Californai Polytechnic University, 125.
Medical Eyangelists, Loma Linda, 10.

A list of allocations were previously reported January 26

2/8/46 9

CONTRACT AWARDED

VERNON, Los Angeles Co., Calif.—Wm. P. Neil, Ltd., 4814 Loma Vista Ave., Los Angeles, at $79,293, awarded contract for construction of a one-story masonry and rigid steel frame industrial building (123x141 ft.) at Santa Fe Ave. and 30th St., Vernon, by the Electric Tool & Supply Co., 5136 S. Santa Fe Ave., Vernon.

Plans prepared by Architects Louis C. Dixon and Lee B. Kline, 427 Chamber of Commerce Bldg., Los Angeles.

VOLUME OF CONSTRUCTION NEEDED BY PRINCIPAL CLASSES AND BY STATES, 1946

	All Classes	Buildings*	Highways and streets	Public Works** and Utilities	Other Classes
U. S.	$8,000,000,000	$4,858,710,439	$1,145,783,713	$1,296,395,609	$699,110,239
New England					
Maine	18,185,370	11,950,570	1,257,060	1,871,504	3,106,236
N. Ha'pshire	12,124.834	9,014,006	865,904	735,502	1,509,422
Vermont	7,351,172	5,721,730	710,740	614,170	304,632
Mass.	439,947,961	254,665,091	22,769,429	126,676,212	32,866,849
Rhode Isl.	42,739,160	23,792,868	7,387,678	2,551,848	9,006,766
Connecticut	166,406,532	98,210,100	25,621,680	33,275,080	7,330,292
Middle Atlantic					
New York	1,592,940,789	1,097,455,912	127,642,574	164,586,485	181,276,562
New Jersey	389,277,691	245,355,502	52,840,552	69,473,448	19,638,392
Penn.	767,504,749	515,939,007	80,242,678	97,510,066	71,843,530
East North Central					
Ohio	531,291,279	334,622,639	85,104,654	79,552,958	41,747,036
Indiana	139,647,860	78,442,976	34,138,876	11,833,284	15,232,724
Illinois	714,965,239	469,541,731	89,738,788	91,414,408	59,301,160
Michigan	416,166,789	276,795,001	42,448,418	68,599,564	23,354,456
Wisconsin	184,085,728	126,564,286	29,885,546	15,118,442	10,546,104
West North Central					
Minnesota	167,384,354	69,024,026	24,744,550	48,802,736	22,843,702
Iowa	102,633,716	36,860,050	44,711,340	10,980,408	10,081,918
Missouri	209,070,970	116,535,426	34,710,884	64,726,456	12,833,782
N. Dakota	11,551,342	7,711,220	2,218,648	1,508,954	112,520
S. Dakota	11,782,822	4,472,516	3,863,892	825,506	2,620,908
Nebraska	60,771,740	23,221,802	22,986,268	14,299,782	263,888
Kansas	52,446,800	29,330,134	14,296,804	8,420,260	399,602
South Atlantic					
Delaware	22,953,856	20,051,040	1,416,292	743,262	743,262
Maryland	149,204,681	72,375,107	16,719,800	39,588,512	20,551,232
D of C	79,810,170	72,286,900	6,719,800	737,452	66,018
W. Virginia	32,209,056	15,888,530	9,299,518	2,280,504	4,740,504
Virginia	73,247,689	45,849,144	6,699,908	9,586,164	11,112,473
N. Carolina	72,263,600	40,911,412	13,381,150	8,041,576	9,929,462
S. Carolina	21,787,108	11,598,844	7,103,096	1,838,002	1,247,166
Georgia	73,344,396	40,671,350	15,459,328	7,660,680	9,553,038
Florida	53,205,272	28,595,260	15,570,686	6,926,532	2,112,794
East South Central					
Kentucky	52,304,036	28,328,240	15,133,878	4,933,358	3,908,660
Tennessee	69,167,634	34,079,356	26,123,578	8,391,112	573,588
Alabama	88,625,398	24,888,116	13,230,056	43,897,652	6,639,572
Mississippi	17,263,284	10,200,170	4,298,214	2,204,241	560,659
West South Central					
Arkansas	24,135,112	9,925,102	6,926,160	3,736,622	3,547,225
Louisiana	46,306,758	25,972,634	8,070,816	3,732,622	8,530,686
Oklahoma	102,440,314	35,281,770	22,856,222	39,688,712	4,613,610
Texas	270,558,184	132,385780	55,346,718	75,957,482	4,898,894
Mountain					
Montana	14,153,234	8,941,636	1,625,336	1,148,080	2,438,182
Idaho	10,511,310	2,088,672	2,496,144	3,098,540	2,827,860
Wyoming	4,080,500	1,886,668	1,157,118	741,442	295,272
Colorado	37,317,994	17,140,944	7,184,872	5.561,552	7,430,626
N. Mexico	9,460,848	2,544,488	6,445,160	277,052	194,148
Arizona	14,043,522	9,104,236	3,844,078	635,608	459,600
Utah	19,928,560	11,264,230	2,753,842	1,840,450	4,070,038
Nevada	6,192,682	1,077,130	3,967,166	22,664	1,125,722
Pacific					
Wash'gton	114,780,628	49,685,846	18,611,678	38,617,292	8,686,810
Oregon	45,600,275	18,406,372	10,466,724	10,731,066	5,996,113
California	553,181,109	352,054,869	94,689,412	60,400,304	46,036,524

* Includes housing. ** Other than Public buildings.

ESTIMATED COST OF MATERIALS BY KINDS REQUIRED FOR PROJECTED 1946 VOLUME (1940 prices)

Kind of Material	Total Cost
All Kinds	$4,462,296,932
Sand, gravel, stone, slug, cinders, etc.	444,064,692
Brick (face, common, fire, paving, etc.)	175,917,145
Tile (fireproofing)	25,503,440
Tile, facing, terra cotta, floor and wall	86,069,685
Concrete and cinder block	31,231,224
Cut stone, granite and marble	118,460,222
Riprap, rubble, etc.	14,184,299
Cement	380,253,321
Lime	17,675,274
Plaster, etc.	40,476,787
Structural steel	346,256,893
Reinforcing steel	127,429,566
Cast iron, miscellaneous, including pipe	23,008,749
Metal doors, windows and trim	57,343,876
Metal and wire lath and furring	16,869,912
Ornamental metal work	41,109,115
Lumber, rough and finished	315,694,338
Lath, shingles and shakes (wood)	11,825,259
Composition board	21,988,112
Waterproofing materials	10,384,317
Hardware, rough and finished	18,975,109
Paints, varnish, glass	90,892,412
Roofing and sheet metal	151,515,821
Finishing floor (other than cement, wood or tile)	19,101,865
Screens, shades, awnings, etc	6,289,233
Heating and ventilating equipment	328,330,472
Plumbing and gas-fitting equipment	362,139,366
Electrical appliances and supplies	257,267,033
Elevators, dumbwaiters and equipment	139,316,326
Pipe: Drain tile, vitrified, concrete, etc	55,010,049
Pipe: Cast iron, sheet and tube steel, etc	89,392,626
Wire cable, guards and fencing	8,909,892
Bituminous paving materials, tar, asphalt and oil	68,187,113
Wood piling and timber	15,459,836
Ready mixed concrete	8,171,344
Machinery	50,745,851
Chemicals and chemical products	617,307
Metal products, including furniture	52,597,755
Mineral products (non-metallic)	3,912,827
Sealing materials	994,701
Textile and caulking materials	959,541
Miscellaneous	304,640,136
Millwork	127,110,091

2/8/46 10

INYOKERN, Kern Co., Calif.—C. G. Hokanson Co., 8373 Melrose Ave., Los Angeles, at about $800,000, was awarded sub-contract for the installation of an air conditioning system in the laboratory and shop building under construction at the Naval Ordnance Testing Station, Inyokern, for the U. S. Navy, Bureau of Yards and Docks; Specification No. 16991, NOy 12798. Johnson, Drake & Piper, 1736 Franklin St., Oakland, are the general contractors. It is reported that this is the largest single air conditioning contract ever awarded west of the Mississippi.

12-13—INDUSTRIAL BUILDINGS

2/8/46 12

CONTRACT AWARDED

LOS ANGELES, Calif.—T-S Construction Engineers, Inc., 530 W. 6th St., Los Angeles, awarded contract at $175,000 for the construction of a one-story and basement reinforced concrete factory building (100x200 ft.) at the northwest corner of Eastern Ave and 61st St., Los Angeles, by the Los Angeles Paper Box Factory, 2615 E. 12th St., Los Angeles.

Plans prepared by Murray Erick Associates, structural and industrial engineers, 811 W. 7th St., Los Angeles.

14-17—PUBLIC BLDGS.

2/8/46 17

COUNTY COURT HOUSE Est. Cost, $516,000

FORT COLLINS, Larimer Co., Colo.

Construction of new county court house, 3-stories and basement, offices, jail, extension and welfare; concrete frame, stone ashlar exterior, terrazzo floors, flat roof, elevator, boiler room.

Owner—Board of County Commissioners, Robt. C. Benson, Chairman, Fort Collins.

Architects—Fisher & Fisher, 827 Denver National Bldg., Denver.

The Bureau of Community Facilities, FWA, 2223 Fulton St., Berkeley, Calif., awarded funds in amount of $16,000 to assist in preparation of the plans.

22-26—RESIDENTIAL BUILDINGS

2/8/46 22

FUNDS AWARDED

ORPHANS' HOME Est. Cost, $132,975

CARSON CITY, Ormsby Co., Nev.

Construction of three cottages as first units of proposed cottage system at the Nevada State Orphans Home.

Owner—State of Nevada, Governor Vail Pittman

Architect—Not Selected.

The Bureau of Community Facilities, FWA, 2223 Fulton St., Berkeley, Calif., awarded funds in amount of $5350 to assist in preparation of the plans.

2/8/46 22

PALM SPRINGS, Riverside Co., Calif.—H. L. Gogerty Organization, architects and engineers, 3123 W. 8th St., Los Angeles, is starting working drawings for the construction of a 30-unit bungalow hotel at Palm Springs for Samuel H. Levin; estimated cost, $250,000.

31-32—WATER SUPPLY & PLANTS

2/8/46 • 31

CONTRACT AWARDED

ALAMEDA, Alameda Co., Calif.—Haas Construction Co., 326 Merchants' Exchange Bldg., San Francisco, at $183,674, awarded contract by the Public Works Office, 12th Naval District, Room 402 Marshall Square Bldg., 1182 Market St., San Francisco, under NOy 12355, Spec. 16582, for additions to water system for fire hydrants and domestic supply, Naval Air Station, Alameda.

34—DAMS, RESERVOIRS & DREDGING

2/8/46 • 34

BIDS WANTED

FORT PECK, Mont.—Until about March 15 (tentative) bids will be received by the U. S. Engineer Office, Lt. Col. H. H. Roberts, District Engineer, Corps of Engineers, Fort Peck Dist., Fort Peck, Montana, for work on the following projects:

Road from Dam to Spillway: Construction of road from dam to spillway at Fort Peck, a distance of approx. 2.8 miles, including formation of roadway embankment, subgrade, approaches, shoulders, base course, drainage and interception ditches and construction and instalation of culverts, drainage structures, and guard posts. Roadbed and appurtenant work will be build to approx. Montana State Highway standards. Approx. 600,000 c.y. unclass. excav. will be placed and compacted in embankment fill; 7-inch gravel base course will be placed on fill; approx. 1800-ft. cooru. metal pipe will be placed.

Raising of Crest of Main Dam: Construction consisting of raising crest of main dam and dike sections at Fort Peck Dam, approx. an average of 4 ft. for distance of approx. 4 miles; construction of roadway including placement of 7-in. gravel base course across crest of dam and installation of night lighting system along roadway. Approx. 241,000 c.y. excav. will be placed and compacted in embankment fill.

Work incoludes: 45,000 c.y. gravel, 17,000 s.y. stone facing on dam, 88 street lighting units with underground cable system, (8000 c.y. gravel blanket and stone for dam facing will be furnished by Government and placed by contractor). Borrow pit adjacent to construction areas. Work also includes producing, hauling and stockpiling: 53,000 c.y. gravel base material, 8500 c.y. gravel top course material, 15,000 c.y. aggregates for bit. concrete, 3400 c.y. stone chips.

Leveling course and surface paving will not be included in either of the contracts.

Plans and specifications will be issued approximately February 15.

2/8/46 34

FUNDS AWARDED

WATER SYSTEM Est. Cost, $55,000

PERRY, Box Elder County, Utah.

Construction of culinary water system, including new supply lines, reservoirs, and distribution system.

Owner—Town of Perry, Utah, LeRoy D. White, President of Town Board

Architects—H. J. Craven & Sons.

The Bureau of Community Facilities, FWA, 2223 Fulton St., Berkeley, Calif., awarded funds in amount of $1900 to assist in preparation of the plans.

2/8/46 34

FUNDS AWARDED

WATER SYSTEM Est. Cost, $69,000

PLEASANT VIEW, Weber Co., Utah.

Construction of culinary water system, including intake line, reservoir and distribution system

Owner—Town of Pleasant View, Utah M. W. Maycock, President of the Town Board.

Architects—H. J. Craven & Sons.

The Bureau of Community Facilities, FWA, 2223 Fulton St., Berkeley, Calif., awarded funds in amount of $2356 to assist in preparation of the plans.

2/8/46 34

PLANNED

LANE COUNTY, Ore.—The U. S. District Engineer Office, 628 Pittock Block, Portland, Ore., has reported plans for immediate construction of a resident engineer's headquarters office, complete with access roads, parking areas, sidewalks and water and sewer systems at the proposed site of the Dorena Dam Project on the Row River, Lane County, Ore., in connection with the construction of the $6,000,000 Dorena Dam Project. A call for bids is expected within 60 days after completion of the headquarters office for the relocation of railroads and highways, the initial phase of the dam project.

38—ELECTRIC LIGHTING TRANSMISSION LINES

2/8/46 38

PLANNED

SEATTLE, Wash.—Mayor Wm. F. Devin, Seattle, Wash., has reported plans for the construction of public works projects which call for an expenditure of approximately $51,842,290. The following expenditures were listed:

(1) additional city lighting facilities and improvements, $11,810,000;
(2) sewer construction, $3,485,000;
(3) street construction and improvements, $16,418,000;
(4) water system improvements, $6,671,000;
(5) park improvements, $4,319,490;
(6) public safety building, $5,500,000;
(7) fire protection facilities, $1,057,000;
(8) library, $2,062,500;
(9) health facilities, $127,250;
(10) building department expansion, $75,000.

39—SEWERS

2/8/46 39

FUNDS AWARDED

STORM SEWER Est. Cost, $87,000

LARAMIE, Albany County, Wyo.

Extensions to a storm sewer and drainage system with all necessary appurtenances to serve residential area of 42 blocks adjacent to the campus of the Univ. of Wyoming.

Owner—City of Laramie, D. B. Willett, City Mgr., City Hall.

Architect—J. T. Banner, Laramie.

The Bureau of Community Facilities, FWA, 2223 Fulton St., Berkeley, Calif., awarded funds in amount of $3100 to assist in preparation of the plans.

2/8/46 39

PREPARING PLANS

CENTERVILLE, Utah. — Engineer Sumner G. Margetts & Co., Felt Bldg., Salt Lake City, Utah, are preparing plans and specifications for the construction of a sewage treatment plant for the City of Centerville, Utah. A call for bids is expected within 60 days.

2/8/46 39

FUNDS AWARDED

STORM SEWER SYSTEM Est. Cost, $85,470

GREYBULL, Big Horn County, Wyo.

Construction of a complete storm sewer system, including all necessary appurtenances.

Owner—Town of Greybull, Geo. A. Clark, Town Treasurer.

Architect—T. H. Baldwin, Cheyenne.

The Bureau of Community Facilities, FWA, 2223 Fulton St., Berkeley, Calif., awarded funds in amount of $3080 to assist in preparation of the plans.

2/8/46 39

PREPARING PLANS

KAYSVILLE, Utah. — Engineer Sumner G. Margetts & Co., Felt Bldg., Salt Lake City, Utah, are preparing plans and specifications for the construction of a sewage treatment plant together with approximately 6000 lin. ft. of 12-in. effluent disposal pipe line and appurtenant work for the City of Kaysville, Utah. A call for bids is expected within 60 days.

2/8/46 • 39

CONTRACT AWARDED

STOCKTON, San Joaquin Co., Calif.—A. Teichert & Son, Inc., P. O. Box 1113, Sacramento, at $80,047, awarded contract by the officer in charge of construction, U. S. Naval Supply Annex, Stockton, under Spec. 17555 for additional drainage systems and extensions of motor parking area at the U. S. Naval Supply Annex, Stockton.

40— STREETS AND HIGHWAYS

2/8/46 40

PLANS AVAILABLE

LOS ANGELES COUNTY, Calif.—G T. McCoy, state highway engineer, Public Works Bldg., Sacramento, has reported plans available at a cost of $18.45 for the construction of the Terminal Island Freeway, between Henry Ford Ave. and Willow St. (VII-LA-Terminal Island), in the cities of Los Angeles and Long Beach, about 2.1 miles in length, to be graded and paved with asphaltic concrete; a national defense contract. As previously reported, bids for the project will be received in Los Angeles at 2 P. M., February 21.

Prospective Bidders

Store Building, Railroad Ave. and E. 7th St., Pittsburg, Calif.

BIDS: Camillo Lamzafame, c/o Architect Philip D. Tomasello, Room 305, 605 Washington St., San Francisco, February 9, 11 A. M.

Stolte, Inc., 8451 San Leandro St., Oakland.

De Luca & Son, 1745 Filbert St., San Francisco.

Howes & Whitaker, 626 Russ Bldg., San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco.

S. J. Amoroso Construction Co., 2100 Oakdale Ave., San Francisco.

Clinton Construction Co., 923 Folsom St., San Francisco.

Louis C. Dunn Co., 799 Monadnock Bldg., San Francisco.

Erbentraut & Summers, 446 Sixth St., San Francisco.

Horace J. Silno, 23 W. 7th St., Pittsburg.

G. E. Seeno & Sons, 150 E. 2nd St., Pittsburg.

Let your HEAD take you

(The average American today has a choice of just going where "his feet take him", or choosing wisely the course to follow. Let's skip ahead 10 years, and take a look at John Jones—and listen to him . . .)

"SOMETIMES I feel so good it almost scares me.

"This house—I wouldn't swap a shingle off its roof for any other house on earth. This little valley, with the pond down in the hollow at the back, is the spot I like best in all the world.

"And they're mine. I own 'em. Nobody can take 'em away from me.

"I've got a little money coming in, regularly. Not much—but enough. And I tell you, when you can go to bed every night with nothing on your mind except the fun you're going to have tomorrow—that's as near Heaven as man gets on this earth!

"It wasn't always so.

"Back in '46—that was right after the war and sometimes the going wasn't too easy—I needed cash. Taxes were tough, and then Ellen got sick. Like almost everybody else, I was buying Bonds through the Payroll Plan—and I figured on cashing some of them in. But sick as she was, it was Ellen who talked me out of it.

" 'Don't do it, John!' she said. 'Please don't! For the first time in our lives, we're really saving money. It's wonderful to know that every single payday we have more money put aside! John, if we can only keep up this saving, think what it can mean! Maybe someday you won't have to work. Maybe we can own a home. And oh, how good it would feel to know that we need never worry about money when we're old!'

"Well, even after she got better, I stayed away from the weekly poker game—quit dropping a little cash at the hot spots now and then—gave up some of the things a man feels he has a right to. We didn't have as much fun for a while but we paid our taxes and the doctor and—we didn't touch the Bonds.

"What's more, we kept right on putting our extra cash into U. S. Savings Bonds. And the pay-off is making the world a pretty swell place today!"

The Treasury Department acknowledges with appreciation the publication of this advertisement by

Daily Pacific Builder

Building Permits, Contracts---Recorded Notices

BUILDING PERMIT Applications $500 AND OVER

SAN FRANCISCO

CLASS "C" MERCANTILE BUILDING, $35,000; SE Harrison 275 NE Third St; owner, California Pacific Title & Trust Co, c/o contractor; builder, Jacks & Irvine, 620 Market.

ALTER RESTAURANT and COCKTAIL LOUNGE, $20,000; 206 Jefferson; owner, J E McAteer, 3425 23rd St; builder, Larsen-Ratti Construction Co, 1901 Hedges Ave, Fresno, Calif

1-STORY FRAME DWELLING, $5900; E 18th Ave 175 S Moraga; owner, August Hallgren, 1594 29th Ave; day work.

1-STORY FRAME DWELLING, $5300; E 45th Ave 150 N Quintara; owner and builder, R F Galli, 377 West Portal Ave.

ALTER TAVERN, $5000; 907 Irving St; owner, Emil Fritz, prem; builder, Shumate & Schelling, 573 26th Ave.

1-STORY FRAME DWELLING, $3500; NE Cayuga and Cotter Sts; owner, G Georgison, 149 Joost Ave; day work.

ALTER SAUSAGE FACTORY, $3000; 140-148 Clay St; owner, Golden Gate Sausage Factory, 304 Davis; builder, S A Giusti & Co, 200 Green.

ALTER FACTORY, $2500; 75 Fremont St; owner, Alice Frock Co, prem; builder, Midstate Construction Co, 1299 Bush St

ALTER APARTMENTS, $2000; 354 11th Ave; owner, I M Archer, prem; builder, Shumate & Schelling, 573 26th Ave.

ALTER DWELLING, $1000; 1 Otsego Ave; owners, Mr and Mrs A Ferrari, premises; builder, Alfred De Benedetti, 18 Santa Ysabel Ave

ALTER BARROOM, $900; 633A Green St; owner, Ralph Lazana, prem; builder, B H Hansen, 1265 9th Ave.

ALTER DWELLING, $800; 286 Howth St; owner and builder, Chas F DeLannoy, premises.

ALTER STORE, $600; 137 4th St; owner, Sooman Instrument; prem; builder, Merit Metal Manufacturing Co, 217 5th St, Oakland.

CLASS "C" MACHINE SHOP, $8000; S Natoma 135 W 10th St; owner, Busch Manufacturing Co, 78 Natoma St; builder, H H Larsen Co, 64 South Park.

ALTER FLATS, $500; 257 Page St; owner, A R Bandini, P O Box 515, Crockett, Calif; builder, F Rossi, 1848 Stockton.

OAKLAND

ADDITION AND ALTERATIONS, $500; 4145 Rhoda Ave; owner, Mrs Shaver, 4145 Rhoda Ave; builder, Jos A Sheerin, 1532 Sacramento St, Berkeley; architect, H T Johnson, 4716 Reinhardt Dr.

ADDITION, $1900; 2546 99th Ave; owner, Heler, prem; builder, Pioneer Builders, 516 San Pablo Ave, Albany.

ALTERATIONS AND ADDITION, $3500; 801 98th Ave; owner, Gerber Products Co, premses; builder, C H Thrams, 1100 6th Ave.

SHED, $500; 864 54th St; owner and builder, Josephine A Lauricella, 864 54th St.

2-STORY 6-ROOM DWELLING, $7000; 7877 Hillman Dr; owner, Holger Benson, 3758 Victor Ave.....

ADDITION, $900; 669-73 MacArthur Blvd West; owner, Edgar Ramsdell, 6500 Tremont St; builder, Robert Beck, 5720 Genoa St.

1-STORY STEEL SERVICE STATION, $5350; 8296 MacArthur Blvd; owner, A W Philip, 536 Sydney Way, Hayward; builder, Independent Iron Works, 821 Pine St.

ALTERATIONS, $500; 6362 Broadway Terrace; owner, Hugh M Johnson, 6362 Broadway Terrace; builder, Walter Brill, 3317 Suter St

ADDITION, $2000; 5479 Claremont Ave; owner and builder, A Romiti, 5482 Claremont Ave.

1-STORY 5-ROOM DWELLING, 6759 Longwalk Dr; owner, M F Brass, 2003 E 14th St; builder, Doty & Lockwood, 2003 E 14th St.

1-STORY 6-ROOM DWELLING, $7200; 2821 Darnby Dr; owner, L K Swentzel, 2003 E 14th St; builder, Doty & Lockwood, 2003 E 14th St.

MOVE BUILDING, $500; 1302 91st St; owner and builder, John Mello, 8415 Blaine St.

BERKELEY

DENTAL OFFICES, $5000; 1611 Hopkins; owner, Dr M G Parker, 2042 Dwight Way; builder, Frank A Stead, 1991 Center St; plans by E O Rosberg.

DECK AND WALL, $850; 450 Vermont; owner, James Hart, 450 Vermont; builder, Wm M Pierson, 1169 Grizzly Peak

RETAINING WALL, $760; 1607 4th; owner, Pacific Paint & Varnish, 4th and Cedar; builder, Ransome Co, 4030 Hollis St, Emeryville.

FOUNDATION, $3000; 735 Ashby; owner, American Forge, 735 Ashby; builder, Schnoor Bros, San Francisco; plans by Kaj Theill, 580 Market St, San Francisco

5-ROOM DWELLING, $5500; 1274 Hearst; owner and builder, J M Walker, 1631D University; architect, Paul Hammarberg, 2 Norwood Ave.

GARAGE, $800; 1308 Kains; owner and builder, J M Walker, 1631D University; architect, Paul Hammarberg, 2 Norwood Ave.

ADDITION, $1687; 1240 Peralta; owner, O H Pitts, 1240 Peralta; builder, Pioneer Builders, 615 San Pablo, Albany.

DWELLING, $4000; 1709 California; owner and builder, Thos C Scott, 1709 California.

5-ROOM DWELLING, $5500; 1337 Curtis; owner and builder, J M Walker, 1631D University; architect, Paul Hammarberg, 2 Norwood Ave.

ADDITION, $800; 1611 Julia; owner and builder, Ethel Williams, 1611 Julia.

ROOF, $750; 1826 San Pablo; owner, Kenneth Sae, 1826 San Pablo Ave; builder, R W West Co, Albany.

ALTERATIONS, $4000; 1230 Monterey; owner, R R Booth, 1230 Monterey; builder, Sharp & Neidermyer, 2361 Garvin Ave, Richmond.

ALTERATIONS, $3200; 2975 College; owner, H Bruck, 2607 Piedmont; builder, Oliver & Coburn, 1006 Pardee.

ALTERATIONS, $750; 3017 Hillegass; owner and builder, Grace S Webb, 3017 Hillegass.

REPAIRS, $1000; 2734 Forest; owner, Clarence Hull, 2734 Forest; builder, J V Arnell, 2217 Parker.

SUMP WELL, $960; 1608 4th; owner, Pacific Paint & Varnish, 4th and Cedar; builder, Ransome Co, 4030 Hollis St, Emeryville.

SAN MATEO

DWELLING, $11,000; 150 Sylvan St; owner, G W Hopkins; contractor, Irving Caster, 150 Jones St, S. F.

DWELLING, $10,500; 1549 Edinburgh St; owner, Morri Unger; contractor, J C Peterson.

GARAGE, $900; 217 El Dorado; owner, M Silva; contractor, W Tucker 916 4th Ave.

ALTER dwelling, $1200; 408 Midway; owner, Marion Straum; contractor, T Carl Dybdal.

ALTER dwelling, $2000; 259 W 3rd; owner, Winifred D Boudinn; contractor, Conway & Culligan, Monadnock Bldg, San Francisco.

DWELLING, $12,000; 2033 Stratford Way; owner and builder, Mr and Mrs H Spath.

DWELLING, $16,000; 605 Yale Dr; owner, G R Bucker; contractor, Leadley & Leadley, 359 B St.

DWELLING, $9000; 220 25th Avenue; owner, Fred Turner; contractor, Ed Hansen.

DWELLING, $16,000; 527 Maynard Dr; owner and builder, R H Grant Constr Co, 54 Fernwood Dr, S F.

GARAGE, $1300; 527 Maynard Dr; owner and contractor, R H Grant Constr Co, 54 Fernwood Dr, S F.

STORE, $5500; 2210 El Camino Real; owner and builder, L Powlick.

DWELLING, $13,000; 747 Iowa; owner and builder, T J Martin, 510 California St, San Francisco.

GARAGE, $500; 1236 Terminal; owner and builder, E P Flagg.

DWELLING, $9000; 2113 Stratford; owner and builder, Mr and Mrs Pellezzer.

GARAGE, $800; 2113 Stratford; owner and builder, T B Pellezzer.

DUPLEX, $18,000; 2640-44 Flores; owner and builder, V F Koppet.

ALTER apt, $1500; 603 9th Avenue; owner, Mr and Mrs Brezzsium; contractor, Hugo Hultberg, 20 San Mateo Drive.

ALTER dwelling, $1500; 111 Darcy; owner, T D Southwell; contractor, O C Moroney, 1437 Drake Avenue, Burlingame.

GARAGE, $1000; 829 W Claremont; owner and builder, Paul R Smith.

PALO ALTO

ALTER RESIDENCE, $1000; 254 Oxford Ave; owner and builder, E H Mueller, 254 Oxford Ave.

GARAGE, $500; 2081 3rd St; owner, M E Beeson, prem; builder, E H Gibson, 1959 Emerson St.

REPAIR BUILDING, $1500; 247 High St; owner, Annie Huber, 240 Emerson St; builder, Hans Staven, 1067 College Ave; plans by Morgan Stedman, 180 University Ave.

RESIDENCE AND GARAGE, $7150; 384 Stanford Ave; owner, Gene C Galloway, 176 Tennyson; builder, Frank Gray, 176 Tennyson Ave.

ALTER BUILDING, $750; 476 California Ave; owner and builder, H Canine, 210 Emerson St.

ALTER RESIDENCE, $1000; 524 Cowper St; owner, F Hazelquist, Atherton; builder, Sunlight Homes, Inc, 446 Emerson St.

1-STORY RESIDENCE, $3600; 937 Addison Ave; owner and builder, R E Welles, 935 Addison Ave.

BUILDING PERMITS Granted $500 AND OVER

SAN FRANCISCO

FEBRUARY 7, 1946

1-STORY FRAME DWELLINGS (2), $5600 each; E 22nd Ave 40, 68 N of Santiago St; owner, G E Carlson Co.

ALTER APARTMENT, $3000; 715 Leavenworth St; owner, Julia A Phelan.

ALTER OFFICE, $1000; 3472 Mission St; owner, Michael Perri.

ALTER DWELLING, $1500; 3015 San Jose Ave; owner, Wm Bloomsetti.

1-STORY FRAME DWELLING, $5400; E 45th Ave 150 N Taraval; owner, Russell Pierce.

1-STORY FRAME DWELLING, $5400; E 45th Ave 175 N Taraval; owner, J J Flynn.

2-STORY AND BASEMENT (4), $12,700 each; S line of Greenwich St 58.6, 84.6, 110.6, 136.6 W of Gough; owner, Oliver M Rousseau.

ALTER STORE, $500; 3225 25th St; owner, Carl Hoch.

ALTER BUILDING, $1000; 595 Mission St; owner, Karpu & Goison.

ALTER SCHOOL, $1500; 133 Golden Gate Ave; owner, Franciscan Fathers.

1-STORY FRAME DWELLING (3), $5700 each; E Ramsell 200, 225, N Garfield; W Ramsell 225 N Garfield; owner, Lloyd Sundberg.

Furnace Permits

OAKLAND

7335 Halliday; owner, White; dealer, L F Witharm; floor furnace.

2028 St Jolaith; owner, Sol Scherman; dealer, L F Witharm; floor.

4484 Tulip Ave; owner, Stanley; dealer, L F Witharm; central.

940 E 28th St; owner, Wrendt; dealer, L F Witharm; floor.

3708 Lilly; owner, Sol Scherman; dealer, L F Witharm; floor.

2640 St Jolaith; owner, Scherman; dealer, L F Witharm; floor.

1903 Asilomar; owner, Johnson; dealer, Harer Furnace Co; central.

1008 103rd Avenue; owner, Harris; dealer, M Friedman; floor.

7407 Deerwood; owner, S Dowling; dealer, C Smith; floor.

6528 Telegraph Ave; owner and dealer, J Morse; central furnace.

Completion Notices

SAN FRANCISCO

Recorded Accepted

Feb. 7, 1946—SW Vaszuez and Pacheco. W Henning to whom it may concern ....

Jan. 29, 1946—Lots 16 to 20, inclusive, Block 6332, Subdivision No 2, Brookdale Terrace. Sbarboro & Jorgensen, Inc to whom it may concern..............................Jan. 28, 1946

Feb. 2, 1946—W Orizaba 150 and 175 N Randolph. Ingvar Baldwinson to whom it may concern...Feb. 7, 1946

ALAMEDA COUNTY

Recorded Accepted

Feb 7, 1946—LOTS 39 and 40 Blk 18, Regents Park No 6, Albany. George R McNutt to whom it may concern............February 4, 1946

Non-Responsibility

SAN FRANCISCO

Feb. 6, 1946—SE Post and Powell E 162.6 x S 137.6. Mary E, Marion E and Wm M Fitzhugh Jr as to improvements on property.

ALAMEDA COUNTY

Feb 6, 1946—2707 ENCINAL Ave, Alameda. Est of Chas F Jude and Mildred E Jude as to improvements on property.

Liens Filed

ALAMEDA COUNTY

Recorded Amount

Feb 7, 1946—LOT 12 to 18 incl, 44 to 46 Blk 29, Tract B of Berkeley LTI Assoc, Berkeley. Albany Concrete Co vs Ray W Van Deusen, Chemical Packaging Co $492.50

Electrical Permits

SAN FRANCISCO

8423 350 Post St; owner, N Gaffney; contractor, Malm & Welter; 3 outlets.

8424 1735 Polk St; owner, Verdier Laundry; contractor, Malm & Welter; 2 switches.

8425 243 6th St; owner, Bay Elec Co; contractor, Atlas Elec & Engrg Co; motors.

8426 3040 Geary; owner, Wissman; contractor, Byington Elec; ......

8427 58 Sutter St, Room 347; owner, Holbrook Bldg; contractor, American Elec Constr Co; 3 switches

8428 972 Market St; owner, Duo Plastic Co; contractor, American El Constr Co; 2 plugs.

8429 1484 Market St; owner, Weir; contractor, American Elec Constr Co; ....

8430 1488 Highway; owner, Brown contractor, Galvin Bros; ....

8431 2000 Golden Gate Ave; owner, ...; contractor, Strom & Smith

8432-34 Various locations and owners; contractor, Electric Prod Corp; signs.

8435 20 Van Ness Avenue; owner, ...; contractor, Assoc Elec and Mech Co; 1 outlet; 1 plug.

8436 199 O'Farrell St; owner, ...; contractor, Assoc Elec & Mech Co; 1 switch; 1 plug.

8437 E Ramsell 200 N Garfield; owner, Lloyd Sundberg; contractor, Arc Elec Co; ....

8438 654 33rd Ave; owner, Mrs Wagenknecht; contractor, Arc Elec Co; ....

8439 687 Mission; owner, Smith; contractor, Bertrand Elec Co; five outlets; 2 switches; 4 plugs.

8440 1244 Larkin St; owner, Monogram Co of Calif; contractor, Atlas Elec & Engrg Co; 22 outlets; six switches; 12 plugs.

8441 1185 Howard St; owner, Daimon Co; contractor, Atlas Elec and Engrg Co; motors.

8442 290 7th St; owner, Leland's; contractor, Atlas Elec & Engrg Co; 7 outlets; motors.

8443 298 7th St; owner, Chillo Products; contractor, Atlas Elec & Mech Co; motors.

8444 50 7th St; owner, Advance Sales; contractor, Eureka Elec Co; 12 plugs; service.

8445-48 Various locations and owners; contractor, Wonderlite Neon Products Co; signs.

8449 2844 Broderick; owner, Harrison; contractor, Hampton Elec & Mfg Co; 3 outlets; 3 switches

8450 243 Minna; owner, Scott Co; contractor, Hampton Elec & Mfg Co; ....

8451 849-A Leavenworth; owner, Luck's Tailor Shop; contractor, Marelco, Inc; 1 outlet; motors.

8452 228 Minna; owner, Exhibit Fur Co; contractor, Marelco, Inc; motor.

8453 148 Jones; owner, J Decker Co; contractor, Marelco, Inc; motor.

8454 1080 Post St; owner, McArthur; contractor, G H Armstrong Elec Co; ....

8455 200 Bosworth; owner, Best Yet Mfg; contractor, Ets-Hokin & Galvan; motors; service.

8456 1745 Beach Street; owner, Gucker; contractor, P & J Elec Co; motor.

OAKLAND

35279 928 Broadway; owner, The Buffalo; contractor, General Neon Lite Co; sign.

35280 4345 Telegraph Ave; owner, George's Steak House; contractor, General Neon Lite Co; sign.

35281 14th and Clay Streets; owner, Jackson Furniture Co; contractor, California Electric Co; outlets.

35282 NE Cor 37th and Telegraph; Owner and contractor, Foster and Kleiser; 3 outlets; 1 switch; 3 fixtures.

35283 South Grand 120 W Staten; Owner and contractor, Foster and Kleiser; 3 outlets; 3 fixtures.

35284 5965 Chelton Drive; owner, Doty & Lockwood; contractor, Paramount Electric; outlets; switches; fixtures; plugs.

35285 2310 E 14th St; owner, Sol's Furniture; contractor, Paramount Elec; fixtures.

35286 5998 Telegraph Ave; owner, The Kennel; contractor, Paramount Elec; alterations.

35287 4626 Geranium Place; owner, Lincoln; contractor, Johnston Elec; outlets; switches; fixtures; plugs.

35288 8538 MacArthur; owner, Johnson; contractor, Johnston Elec; outlets; switches; fixtures; plugs.

35289 2325 Courtland Ave; owner, Johanson; contractor, Johnston El; outlets; switches; fixtures; plugs.

35290 5630 San Pablo Ave; owner, Red Star Service; contractor, Conrad Electric Co; 1 motor.

35291 2431 E 14th St; owner, Max's Dog House; contractor, Clifford El; outlets; 4 fixtures.

35292 7415 Fresno; owner, Weldon Warren; contractor, Clifford Elec; outlets; switches; fixtures; plugs.

35293 3212 E 14th St; owner, Jean Mater; contractor, Clifford Electric; outlets; switches; fixtures; plugs; alterations.

35294 5950 La Salle Ave; owner, H R Gibson; contractor, Maxwell Hardware Co; 18 fixtures.

35295 1535 23rd Ave; owner, Russian; contractor, T Bushman Elec; service.

35296 321 17th St; owner, Universal Accounting System; contractor, Pacific Electric Motor Co; 23 fixtures.

35297 Cotton nr Livingston; owner, Thrams; contractor, Pacific Elec Motor Co; outlets; switches; plugs.

35298 458 Santa Clara; owner, Ray Smith; contractor, Western Neon Corp; sign.

35299 868 98th Ave; owner, Eugene Conant; contractor, Western Neon Corp; sign.

35300 270 11th St; owner, Netherton; contractor. Spott Elec; alterations.

35301 714 Washington St; owner, The Gold Rush; contractor, Spott El; outlets; switches; fixtures; plugs.

35302 4029 Piedmont Ave; owner, Mohrdick Elec Co; contractor, Spott Elec; fixtures; plugs; alterations.

35303 1113 Franklin St; owner, Tiny Hiller's; contractor, Spott El; alterations.

35304 1201 San Pablo Ave; owner, J O Hill; contractor, Spott Electric; switches; plugs.

35305 19th and Harrison Streets; owner, Andy Swens; contractor Spott Electric; outlets; switches; plugs.

35306 811 37th St; owner, F W Anderson; contractor, Spott Elec; outlets; switches; plugs.

35307 537 Henry St; owner, Sephus contractor, Thomas C Moody; ....

35308 415 Pine St; owner, Guetterez; contractor, T. C. Moody; four outlets; 1 switch; 4 fixtures.

35309 1714 11th St; owner, Randolph; contractor, T C Moody; serv.

35310 1774-76 7th St; owner, Bar B Que King; contractor, T C Moody; 3 outlets; 1 switch; 3 fixtures.

35311 10th and Wood Sts; owner, Pressing Shop; contractor T C Moody 2 outlets; 1 switch; 2 fixtures; 1 pl.

35312 5130 E 14th St; owner, Service Station; contractor, Associated Elec & Mech Co; service.

35313 2109 San Pablo Ave; owner, Bushman Elec Co; contractor, Elec Prod Corp; sign.

35314 1021 Cotton St; owner, Athens Press; contractor, Davis Electric Co; outlets; switches; fixtures; plugs motors; alterations.

35315 834 Carlston; owner, Silverman; contractor, Davis Elec Co; range.

35316 542 Lake Park; owner, Firestone Co; contractor, Davis Elec Co; fixtures.

35317 2807 68th Avenue; owner, Forsythe; contractor, Davis Electric Co; outlets; switches; service.

35318 Coolidge and Davis; owner, Anderson; contractor, Davis Electric Co; service.

35319 3210 E 14th St; owner, Dr Scammel; contractor, Davis Electric Co; outlets; switches; alterations.

35320 SW 10th and Clay Streets; owner, Swan Market; contractor, California Electric Co; motors.

35321 1249 Powell Street; owner, Wurtz; contractor, California Elec Co; outlets; alterations.

35322 3408 Foothill Blvd; owner, Alexander; contractor, Paramount Electric Co; outlets; switches; fixtures; plugs; motor for saw.

35323 2930 106th Ave; owner, Lasson; contractor, Paramount Electric Co; fixtures; alterations

35324 3272 Grand Avenue; owner, Safeway Stores; contractor, Paramount Electric Co; motors.

36325 5261 Golden Gate; owner, De Lucchi; contractor, Paramount Elec Co; 17 outlets; 15 switches; 17 fixtures; 29 plugs.

35326 10400 MacArthur; owner, Jensen; contractor, Clifford Electric Co; outlets; switches; fixtures; pl.

35237 121 Marlow Drive; owner, Joseph; contractor, Clifford Electric Co; outlets; switches; fixtures; pl.

35328 2446 E 12th Street; owner, Lam; contractor, Clifford Elec Co; outlets; switches; fixtures; plugs.

35329 1547 Ash St; owner, Scottish Rite; contractor, Clifford Elec Co; fixtures; alterations.

35330 9703 Thermal; owner, Holm; contractor, Johnston Elec Co; outlets; switches; fixtures; plugs.

35331 8538 MacArthur; owner, Johnson; contractor, Johnston Elec Co; outlets; switches; fixtures; pl.

35332 2732 Camino Lenada; owner, Dahnert; contractor, Johnston Elec Co; outlets; switches; fixtures; pl.

35333 1276 7th St; owner, Mock; contractor, Jos Taloff; 6 fixtures.

35334 7308 MacArthur; owner, Roth contractor, Scott-Buttner Elec Co; outlets; switches; fixtures; plugs; alterations.

35335 6555 Liggett Drive; owner, Ticoulat; contractor, Piedmont Elec Co; 1 switch; 4 plugs.

35336 1616 92nd Ave; owner, Orr; contractor, Melrose Elec Shop; 5 outlets; 3 switches; 4 plugs.

35337 3911 E 14th St; owner, Doe; contractor, Shea Elec Co; fixtures.

35338 4262 Wilshire Blvd; owner, Rhodes; contractor, Shea Elec Co; fixtures.

35339 1525 Brush Street; owner, Green; contractor, Shea Electric Co; outlets; switches; fixtures; plugs; alterations

35340 4260 Wilshire Blvd; owner, Blazich; contractor, Shea Elec Co; fixtures.

35341 5958 La Salle; owner, Sexton; contractor, Harer-Perry Company; motors.

35342 3616-22 High Street; owner, Steiffie; contractor, Baylis Lighting Fixture Co; 50 fixtures.

35343 Clay and 12th Sts; owner, Athens Club; contractor, T L Rosenberg Co; motors.

35344 1910 Rosecrest; owner, Jensen; contractor, Marelco, Inc; outlets; switches; fixtures; plugs; alterations.

35345 1165 64th St; owner, Beton; contractor, Crescent Elec Co; 3 outlets; 1 switch; 1 fixture; 2 plugs.

35346 1085 Clarendon Crescent; owner, Denny; contractor, Crescent Electric Co; 4 outlets; 1 switch; 6 fixtures; 3 plugs.

35347 3616 Grand Avenue; owner, Middents; contractor, Fox Elec Co; alterations.

35348 7202 E 14th Street; owner, Lucasey; contractor, Fox Elec Co; 2 outlets; 1 switch; 6 fixtures; 4 pl.

35349 2133 MacArthur Blvd; owner, Flowers; contractor, Fox Electric Co; alterations.

35350 1488-90-92-94-96 MacArthur; owner, Long; contractor, Pacific El & Mech Co; 20 fixtures.

BERKELEY

577 2128 Parker; owner, Vanberg; contractor, Brooks Electric; 10 outlets; 10 switches; 10 plugs.

578 Shattuck and Vine; owner and contractor, Foster & Kleiser; 1 sign.

579 2055 Center; owner, Gillick Printing Co; contractor, Spott Electric; 12 outlets; 12 fixtures; 6 plugs; 4 circuits.

580 2734 San Pablo; owner, Golden Gate Products Co; contractor, Spott Electric; 5 outlets; 4 switches; 5 fixtures; 5 plugs; 4 circuits.

581 2750 Adeline; owner, Berkeley Transfer & Storage; contractor, Spott Electric; 1 motor; 1 circuit.

582 1450 Kains; owner, E T Leiter & Sons; contractor, Spott Electric; 2 outlets; 2 switches; 2 fixtures; 2 plugs; 2 circuits.

583 1534 Ward; owner, L H Clawson Co; contractor, Spott Electric; new service.

584 1687 Thousand Oaks; owner, F M Ireland; contractor, Spott Electric; 1 outlet; 1 switch; 1 plug.

585 3039 Stanton; owner, Tommie Ward; contractor, Burks & Payne; 10 outlets; 10 switches; 12 plugs; 3 circuits.

586 2987 Sacramento; owner, ...; contractor, Burks & Payne; 1 motor.

587 3044 Sacramento; owner, E A Britton; contractor, Burks & Payne; 5 fixtures.

588 3044 Sacramento; owner, E A Britton; contractor, Burks & Payne; 7 outlets; 3 switches; 2 plugs; 2 circuits.

589 2315 Shattuck; owner, W H Marston Co; contractor Walter Mork; 1 motor.

590 2960 College; owner, W A Granberg; contractor, Neon Maintenance; 2 signs.

591 1312 Delaware; owner, Henry A Morse; contractor, Henry A Morse; 20 fixtures.

592 1513 Shattuck; owner, L J Jackson; contractor, University Ave Electric; 3 outlets; 2 fixtures.

Prospective Bidders

Theater Building, Salinas

BIDS: Architect Francis E. Lloyd, 210 Post St., San Francisco, Feb. 15, 4 P. M.

Erbentraut & Summers, 446 Sixth St., San Francisco.

Stolte, Inc., 8451 San Leandro St., Oakland.

Howson Brothers, Gilroy.

Carl N. Swenson Co., 355 Stockton Avenue, San Jose.

Engineering Section

(Continued from Page 5)

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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42— MISC. SUPPLIES AND MATERIALS

2/8/46 • • 42
BIDS OPENED

OAKLAND, Alameda Co., Calif.—Following bids were received Feb. 5:30 P. M., by the East Bay Municipality Utility District, Daniel Read, Secretary, 512—16th St., Oakland, under Pro. 1707 for furnishing:

(1) 2304 seamless hard-drawn red brass tubes, 3⅛-in. outside diameter, etc.;
(2) 56 seamless hard-drawn red brass pipes, 3½-inch outside diameter, etc.:

Crane Co., (1) $.2576; (2) $1.94; total, $16,166.16.
American Brass & Copper Co., (1) $.5275; (2) $1.7766; total, $16,050.60.
Republic Supply Co., (1) $25.76; (2) $1.75; total, $15,859.20.
Richmond Sanitary Co., (1) $.2576; (2) $1.83; total, $16,092.25.
Slakeyl Bros., (1) $25.56; (2) $1.7178; total, $15,901.45.
Tay-Holbrook Co., (1) $.2576; (2) $1.945; total, $16,169.52.
Oakland Plbg. Supply Co., (1) $.2576 (2) $1.776; total ,$16,055.95.
C. W. Marwedel Co., (1) $.2576; (2) $2301; total, $16,186.
Howard Supply Co. (irregular bid) (1) $.257; (2) $2.1996; total, $4.085.15.

2/8/46 • • 42
BIDS OPENED

OAKLAND, Alameda Co., Calif.—Following bids were received Feb. 5:30 P. M., by the East Bay Municipality Utility District, Daniel Read, Secretary, 512—16th St., Oakland, under Pro. 1708 for furnishing:

(1) 100,000 l.f. ⅝-in. copper water service tube;
(2) 5000 l.f 1-inch do;
(3) 1000 l.f. 1½-inch do;
(4) 2500 l.f. 2-inch do

Howard Supply Co., (1) $1517; (2) $.1858; (3) $.2911; (4) $.4274; total, $17,458.61.
Slakey Bros., (1) $.14929; (2) $.18275 (3) $.286; (4) $.4202; total, $17,179.25.
Oakland Plbg. Supply Co., (1) $.1481 (2) $.1814; (3) $.2842; (4) $.4172; total, $17,044.20.
W. C Marwedel Co., (1) $.1592; (2) $.1950; (3) $.3055; (4) $.4485; total, $18,321.75.
Steam & Plumbing Service Corp., (1) $15; (2) $.186; (3) $.29; (4) $.427; total, $17,287.50.
Tay-Holbrook Co., (1) $1592; (2) $1950; (3) $3055; (4) $4485; total, $18,321.75.
Crane Co., (1) $.159; (2) $.195; (3) $.305; (4) $.448; total, $18,300.
Republic Supply Co., (1) $15.19; (2) $18.60; (3) $29.14; (4) $42.78; total, $17,480.90.

2/8/46 • 42
BIDS WANTED

SAN FRANCISCO—Until February 26, 2 P. M., bids will be received by the U. S. Department of Agriculture, Forest Service, 447 Sansome St., San Francisco 11, under Bid No. 366 for furnishing four rolls cellulose sheeting for use in drafting room, matted on one side; acetate base; low shrinkage type; .005-in. thick, in rolls 40-in. by 100-ft., delivered San Bernardino, Calif.

Specifications obtainable from the above office.

2/8/46 • 42
CORRECTION

SAN FRANCISCO—Until February 18, 10 A. M., bids will be received by the Navy Department, Material Redistribution and Disposal Office, 785 Market St., San Francisco 3, under Sales Catalog No. B-280-46 for the sale of:

(Lot No. 1), 145 fir oars, rowng, 15-ft., 4-ft. 2-in. x 5¼-in. blade, 10-ft. 10-in. handle.

(Lot No. 2), 30 fir oars, rowing, 16-ft., 5-ft. x 5¾-in. blade, 11-ft. handle, located at Navy Material Redistribution Center, 2144 Clement Ave., Building No. 5, Alameda, Calif.

Bids must be accompanied by a certifeid check or cash in the amount of 25% of the bid.

(Correction in Lot No. 2 quantity 30 rather than 300 as previously announced.)

2/8/46 • 42
BIDS WANTED

SAN FRANCISCO—Until February 20, 2 P. M., bids will be received by the U. S. Department of Agriculture, Forest Service, 447 Sansome St., San Francisco, under Inv. No. 365 for the purchase and removal of one lot of 225 used automotive storage batteries, located at U. S. Forest Service Shop, 1611 Sharps Lane, Stockton, Calif.

Specifications obtainable from the above office.

2/8/46 • 42
BIDS WANTED

SAN FRANCISCO—Until February 19, 2 P. M., bids will be received by the U. S. Treasury Department, Procurement Division, 821 Market St., San Francisco 3, under Inv. No. SF-2794-46 for furnishing 100 leather axe sheaths, double bit, Young's pattern falling axe, delivered to 650 5th St., San Francisco.

Specifications obtainable from the above office.

2/8/46 • 42
BIDS WANTED

SAN FRANCISCO—Until February 20, 2 P. M., bids will be received by the U. S. Treasury Department, Procurement Division, 821 Market St., San Francisco 3, under Inv. No. SF-2797-46 for 65 fire hose nozzles, 1-in., shutoff, complete with 3 tips, 3/16-in., 5/16-in. and ⅜-in., and 198 garden hose nozzles, adjustable to solid stream or spray, for ¾-in. hose, delivered to 650 5th St., San Francisco.

Specifications obtainable from the above office.

2/8/46 • 42
NOTICE OF SALE

SAN FRANCISCO—Until February 19, 10 A. M., bids will be received by the Navy Department, Materail Redistribution and Disposal Office, 785 Market St., San Francisco 3, under Sales Catalog No. B-284-46 for the sale of 20,000 lbs. nonferrous scrap, miscellaneous nonferrous scrap, consisting of pipe and tubing, plate, valves, shapes, borings and wire. Slight contamination of ferrous attachments, located at Treasure Island salvage yard, San Francisco.

Specifications obtainable from the above office.

2/8/46 • • 42
BIDS WANTED

SAN FRANCISCO.—Until Feb. 20, 2 P. M., bids will be received by the U. S Treasury Department, Procurement Division, 821 Market St., under Inv. No. SF-2795-46 for furnishing 2400 canteens. galvanized; blanket and canvas covered, 4-qt., with cap and carrying strap, delivered to 650 10th St., San Francisco.

Specifications obtainable from the above office.

2/8/46 • • 42
BIDS WANTED

SAN FRANCISCO.—Until Feb. 19, 2 P. M., bids will be received by the U. S Treasury Department, Procurement Division, 821 Market St., under Inv. No. SF-2793-46 for furnishing 250 hose, fire, cotton, rubber-lined, with couplings, single jacketed, 1-in. inside diameter, 50 ft. lengths, 11-½ threads per inch on couplings, delivered to 650 5th St., San Francisco.

Specifications obtainable from the above office.

2/8/46 • • 42
BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until Feb. 20, 5:30 P. M., bids will be received by the East Bay Municipal Utility Dist., Daniel Read, Secretary, 512—16th St., Oakland, under Pro. LS-347, for cast iron pipe fittings for distribution system.

Specifications obtainable from the above office.

2/8/46 • • 42
BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until February 20, 5:30 P. Mi., bids will be received by the East Bay Municipal Utility District, Daniel Read, Secretary. 512—16th St., Oakland, under Pro. 1711 for gate valves.

Specifications obtainable from the above office.

43— MACHINERY AND EQUIPMENT

2/8/46 • 43
CONTRACT AWARDED

CENTRAL VALLEY PROJECT, California. — Judson-Pacific-Murphy Corp., 1200 17th St., San Francisco, at $11,783, was awarded contract by the Bureau of Reclamation, Denver, Colo., under Spec. 1826-D for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Redding, Calif., at the option of the bidder, one 7½-ton, two-motor traveling crane for the spillway gate structure at Keswick Dam, and one 10-ton, two-motor traveling crane for machine shop and storage bay at the Keswick power plant, Kennett Division, Central Valley Project, California. The two cranes will be installed by the government

2/8/46 • 43
CONTRACT AWARDED

CENTRAL VALLEY PROJECT.—Judson Pacific Murphy Corp., 1200 17th St., San Francisco, at $48,059; $24 per day for engineers' services; fob San Francisco, awarded contract by the office of the Bureau of Reclamation, Denver, for furnishing and delivering fob cars at the shipping point or fob cars at Redding, at the option of the bidder, a gantry crane, equipped with a trolley having capacity of 40 tons and with a boom derrick having capacity of 3½ tons, for installation at the Keswick Dam, Kennett Division, Central Valley Project; Spec. 1112.

2/8/46 • • 43
BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until Feb. 20, 5:30 P. M., bids will be received by the East Bay Municipal Utility Dist., Daniel Read, Secretary, 512—16th St., Oakland, under Pro. 1706 for three 500-kva. transformers.

Specifications obtainable from the above office.

2/8/46 • • 43
BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until Feb. 20, 5:30 P. M., bids will be received by the East Bay Municipal Utility Dist., Daniel Read. Secretary, 512—16th St., Oakland, under Pro. 1709 for one oil circuit breaker.

Specifications obtainable from the above office

2/8/46 • 43
CONTRACT AWARDED

RIO GRANDE PROJECT, New Mexico-Texas.—Contract awarded at $18,789 to the General Electric Co for item 1a; at $14,413 to the Allis-Chalmers Manufacturing Co. for item 2. and at $492 to the Westinghouse Electric Corp. for items 3 and 4, by the Bureau of Reclamation, Denver, Colo., under Spec. 1828-D for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Alamogordo, N. M., for items 1 or 1a and 4; and Las Cruces, N. M., for items 2 and 3, at the option of the bidder, three (3) 500 kv-a, 110,000, delta- to 2400/4, 160 Y-volt, single-phase, 60-cycle, oil-immersed, self-cooled, outdoor type transformers; or three (3) 500 kv-a, 100,000 delta- to 2400/4, 160 Y-volt or 7200/12,470 Y-volt, single phase, 60-cycle, oil-immersed, self-cooled, outdoor type transformers; one (1) 115,000-volt, 600-ampere, 3-pole, single-throw, outdoor type oil circuit breaker with automatic de-closing equipment; one (1) 3-element, 3-phase, 4-wire recording, watt-hour-demand meter, with 30-minute interval, in weatherproof cabinet, and one (1) 3-element, 3-phase, 4-wire, recording, watt-hour-demand meter, with 30-minute interval in weatherproof cabinet, for installation at the Las Cruces, White Sands and Air Base substations, Rio Grande Project, New Mexico-Texas. All of the apparatus will be installed by the government

2/8/46 • 43
BIDS OPENED

OAKLAND, Alameda Co., Calif.—Braun-Knecht-Heimann Co., 1400 16th St., San Francisco, at $2330, submitted low bid to the Board of Education of the City of Oakland, John W. Edgemond, secretary, Room 122 Administration Bldg., 1025 2nd Ave., Oakland, for Schedule No. 69, universal hydraulic type testing machine.

Only other bidder was Pacific Scientific Co., 25 Stillman St., San Francisco, at $2467.30.

2/8/46 • 43
BIDS WANTED

DENVER, Colo. — Until February 14, 2 P M., bids will be received by the Bureau of Reclamation, Office of Director of Finance, Custom House, Denver 2, Colo., under Inv. No. D-33,250-A-1 for furnishing the following supplies, f.o.b. shipping point and/or Marysville, Calif., and/or intermediate points between Sacramento and Oroville, Calif.:

Schedule No. 1

(1) 1,135,200 lin. ft. (215 miles) steel reinforced, bare aluminum stranded conductor having a nominal cross-sectional area of 795,000 circular mils and an effective copper equivalent cross-sectional area of 500,000 circular mils;
(2) 300 only compression connectors suitable for the conductor furnished under item 1;
(3) 200 only compression dead-end connector assemblies, complete with jumper connectors, suitable for the conductor furnished under item 1;
(4) 100 only compression repair sleeves suitable for the conductor furnished under item 1;
(5) 1250 only tapered armor-rod assemblies for use with the conductor furnished under item 1, complete with two armor-rod clamps per assembly;
(6) 100 only parallel groove clamps suitable for the conductor furnished under item 1;
(7) 200 only vibration dampers suitable for the conductor furnished under item 1;
(8) one set equipment for installing the connector dead-ends and repair sleeves furnished under items 2, 3 and 4 on the conductor furnished under item 1;
(9) one set (2 wrenches) wrenches for installing armor-rod assemblies furnished under item 5;
(10) two only hollow screw wrench for armor-rod clamps;

Schedule No. 2

(11) 1,135,200 lin. ft. (215 miles) hollow, hard-drawn bare copper conductor having a nominal effective copper cross-sectional area of 500,000 circular mils;
(12) 300 only compression or rolled type connectors suitable for the conductor furnished under item 11;
(13) 200 only dead-end compression or rolled type connector assemblies, complete with dead-end connectors and jumper connectors suitable for the conductor furnished under item 11 with clevis plates suitable for attaching to dead-end insulator assemblies;
(14) one set equipment for installing the connectors furnished under items 12 and 13 on the conductor furnished under item 11.

Specifications obtainable from the above office.

2/8/46 • • 43
BIDS WANTED

COLUMBIA BASIN PROJ., Wash. —Until March 21, 2 P. M., bids will be received by the Bureau of Reclamation, Walker R. Young, Chief Engineer, Denver, under Spec No. 1166 for furnishing and delivering fob cars at the shipping point, parts for 150-ton gantry crane structure, Grand Coulee Dam, Columbia Basin Project, Wash. The railroad destination is Odair, Wash. All parts and equipment will be installed by the Government. The specifications contain a provision for liquidated damages for delay.

No charge for copies of the specifications to prospective bona fide bidders; to others, $1.75, not returnable. For particulars, address Bureau of Reclamation, Denver.

2/8/46 • 43
BIDS WANTED

BAKERSFIELD, Kern Co., Calif.—Until February 11, 5 P. M., bids will be received by Marian S. Irvin, city clerk, City Hall, Bakersfield, for two refuse dump-body trucks for use in the street department of the City of Bakersfield.

Specifications obtainable from the above office; also from the city engineer, Bakersfield.

2/8/46 • • 43
BIDS WANTED

BOULDER CANYON PROJECT.—Until March 12, 2 P. M., bids will be received by the Bureau of Reclamation, Walker R. Young, Chief Engineer, Denver, under Spec. No. 1168 for furnishing and delivering fob cars at the shipping point or fob cars at Boulder City, Nev., at the option of the bidder, two annunciator groups, each group consisting of a 12-unit lamp assembly, one common lamp, two push-button switches, and accessories; six annunciator relay assemblies as follows: two "B" assemblies, each for operating four annunciator lamps and containing the common equipment for one annunciator group, and four "T" assemblies, each for operating four annunciator lamps; and two steel cabinets, each for housing one "B" and two "T" annunciator relay assemblies, for installation at Boulder Power Plant, Boulder Canyon Project. All of the apparatus will be installed by the Government. The specifications do not contain a provision for liquidated damages for delay.

No charge for copies of the specifications to prospective bona fide bidders; to others, $0.50, not returnable. For particulars, address Bureau of Reclamation, Denver.

2/8/46 • • 43
CONTRACTS AWARDED

OAKLAND, Alameda Co., Calif—Chapman Valve Mfg. Co., 564 Bryant St., San Francisco, at $29,748, 2% 10 days, on Schedule 1, and at $14,832, 2% 10 days on Schedule 2; and F. W. Kolb, Monadnock Bldg., San Francisco, at $26,394 on Schedule 3, were awarded contracts by the East Bay Municipal Utility District, Daniel Read, Secretary, 512 16th St., Oakland, under Pro. LS-345 for hydraulically operated gate valves and hydraulically operated sluice gates and filter rate controller for Orinda filter plant.

2/8/46 • • 43
CONTRACT AWARDED

RIO GRANDE PROJ. N. M.-Tex. Westinghouse Electric Corp., at $28,676 awarded contract by the Bureau of Reclamation, Denver, for furnishing four 1000-kva, 110,000- to 34,500-volt, single phase, 60 cycle, oil immersed, self cooled transformers, each with one single pole lightning arrester, for 34,500 volt, 3 phase, neutral circuit mounted on the case for Alamogordo substation, Rio Grande Project; Spec. 1140.

2/8/46 • • 43
BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until Feb. 20, 5:30 P. M., new bids will be received by the East Bay Municipal Utility District, Daniel Read, Secretary, 512—16th St., Oakland, under Pro. 1713 for two- or four-door (or both) Ford or Chevrolet sedans.

Specifications obtainable from the above office.

2/8/46 • • 43
BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until February 20, 5:30 P. Mi., bids will be received by the East Bay Municipal Utility District, Daniel Read, Secretary, 512—16th St., Oakland, under Pro. 1712 for disc water meters.

Specifications obtainable from the above office.

2/8/46 • 43
LOW BIDDER

PHOENIX, Ariz.—Seagrave Co., 846 E. 6th St., Los Angeles, at $14,632.67, submitted low bid to the City of Phoenix, Roy J. Heyne, city manager, Phoenix, Feb. 5, for furnishing one motor propelled, triple combination pumping engine, water tank and hose car.

2/8/46 • 43
CONTRACT AWARDED

ONTARIO, San Bernardin Co., Calif.—The Mack International Motor Truck Corp., at $1085, submitted the low bid to and was awarded contract by the city council of the City of Ontario, office of the city clerk, City Hall, Ontario, February 4, for furnishing one fire engine pump.

Other bids were:

Roy G. Davis Co., $1486.25.
Superior Fire Equipment, $1494.45.
General Pacific Corp., $1494.45.
Sand's Trailer Co., $2018.73.

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PLANS and Speculations

Oakland: Limited quantities of building equipment and materials are now available for direct sale to contractors and builders for new home construction at the California Quartermaster Depot, 15th and Clay Streets. Included among the items are electrical and plumbing fixtures, supplies and tools, and roofing materials. Prospective buyers should write the depot, care of the Salvage Officer, itemizing materials needed. . But, here's the catch—a limit has been set on the amount any one builder can purchase—$800 worth.

oOo

San Francisco: The city's Park Commission has outlined a program to spend $8,500,000 in capital improvements during the next five years. It asked for $2,300,000 in the fiscal year 1946-47. The program includes: water supply and irrigation system for Golden Gate Park, $750,000; development of Fleishhacker Zoo, $2,000,000; development of Yacht Harbor and Marina Park, $1,500,000; new seats for Kezar Stadium, $500,000; two 18-hole golf courses, $1,250,000; McLaren Park development, $250,000; nine-hole pitch-putt course, $50,000; rifle range, $75,000.

oOo

Sacramento: Friend and Terry Lumber Co., Front and T Streets, will rebuild and reconstruct their entire plant as materials become available. Buildings destroyed by fire will be replaced and the mill and cabinet shop will be extensively remodeled. Estimated cost of the entire project is $100,000. . . . Lucky Stores, subsidiary of Blair and Company, New York investment bankers, will construct a $300,000 super market on Broadway between 30th Street and Alhambra Blvd.

oOo

San Jose: Plans for a new Firestone Tire and Rubber Company sales building representing an over-all cost of approx. $140,000 were announced with sale to F. Langdon Hubbard of property just south of the YWCA on Second Street. Hubbard said he would erect a new structure and remodel the present one for a combined square footage of 8000 feet. The new structure will be 40x100 feet. The transaction was handled by Thos. L. Mitchell & Co. . . . Warner Press, religious publishing house, will move its western headquarters from Sacramento to San Jose and build a $75,000 plant at Stockton Avenue and Clinton Street. Purchase of the property was completed in a transaction handled by the Arnold Jamison Company. The plant site has a 121-foot frontage on Stockton Avenue, a 155-foot frontage on Clinton Street and a 97½-foot frontage on Julian St. The reinforced concrete structure will occupy the entire property.

Builders To See How Carpenter Nails To Steel

A "magnanimated" view of a nail being driven into a steel joist and revolving wall sections composed of various building materials applied to metal framework will be displayed during the National Association of Home Builders convention at Chicago, Feb. 25-28.

Details of the exhibit, which will demonstrate how carpenters now are able to use steel rather than wood for frames of dwellings, were made public today by the Great Lakes Steel Corp., Stran-Steel Division, Detroit. The division manufacturers nailable steel framework and Quonset buildings.

The magnified, animated nailing demonstration will be provided by representations of a yard - long hammer swinging down on a 12-inch nail in an 18-inch Stran-Steel cross-section. The eye thus will be able to follow progress of the nail as it is driven into the framing member's patented groove and is clinched by the metal.

This big hammer will be in action beside a photomural backdrop in an exhibit room furnished at one side with a long, soft-cushioned seat for the convenience of convention visitors. Photographs comprising the mural will be of single dwellings, apartments, commercial buildings and churches built with Stran-Steel. Illuminated cartoons below the mural will show a frustrated termite, detoured lightning bolt, nonplussed flames and other characterizations depicting metal framing's advantages.

Four revolving wall sections will form the exhibit room's third side. These sections will be constructed of Stran-Steel framing with wood, asbestos shingle, brick veneer and metal sidings applied to their respective exteriors, and metal lathed plaster, plaster board, wood panel and tile applied to the interiors. All construction details will become visible as the sections rotate.

Construction Of Dwelling Units No. 1 Opportunity

Construction of new dwelling units—the country's number one industrial opportunity — can provide sustained profits and at the same time full employment to more than four million workers for the next 10 to 12 years. If geared to public demand for moderately priced houses, the construction industry could help to carry the country safely past the danger of a postwar depression.

On the other hand, a short term, high priced boom - and - bust construction period—such as the country saw after the last war — not only would fall short of the objective of providing necessary housing, but would itself powerfully increase the forces in the direction of depression.

475,000 Units for 1946

According to the National Housing Administration, if the probable maximum of 475,000 units (new construction plus structural conversions) are added to the nation's supply in 1946, and if all present and probable new vacancies are fully occupied, the country will still be 11,390,000 units short of its needs.

If 1,250,000 of these units were built each year at an over-all average selling price of $5,000, between four and four and a half million jobs would be created in residential building alone. This is equal to 20 per cent of the peak wartime industrial employment, and would provide several times as many jobs as the 1941 automotive industry.

Similar Situation in 1918

A similar opportunity was present at the end of 1918. The national housing deficit then was estimated at 403,000 units, and a building boom got underway. It lasted just one year.

In 1919 building costs began to get out of hand. Buyers grew timid. Building dropped 40 per cent; construction costs then fell.

Building Resumed in 1922

By 1922 the deflation in prices permitted resumption of building which then continued for several years. Construction costs, however, stayed far above the levels of other prices, and carrying charges bore heavily upon home buyers.

By 1926 the industry had again priced itself out of the market, and home building began to decline. The slump had serious consequences, both for home purchasers and for the nation, and undoubtedly was a major factor in bringing on the great crash of 1929.

V

NOTICE OF CANCELLATIONS

Boilermaker Helper
Car Inspector and Repairman
Sectionman
Yard Checker

The duration examinations for the above classes announced on the bulletins issued Sept. 15, 25, 1945, have been canceled by the State Personnel Board.

V

Use "Builderads"— They Bring Results

GROOVER AND I

. . . AND MOLLY

As a rule I create my own copy, but here is a line lifted from the McGee and Molly radio program well worth repeating:

★ ★ ★

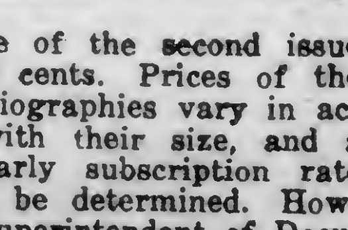
Doc Gamble: "I wish every boy of 18 could read his own obituary. He would then correct it or live up to it."

★ ★ ★

The same thought might be helpful at the age of 28 or 38.

★ ★ ★

Even age 48 might not be too late for minor corrections!



V

HIGH ACCIDENT RATE

For almost every mile of California's rural state highway system, one person was either killed or injured in 1944, the California State Automobile Assn. points out. Casualties totalled 11,107 for 12,869 miles of the road system. Major traffic routes, comprising 20 per cent of the state highway mileage, were the scenes of 47 per cent of the accidents.

V

ANOTHER GERMAN MYTH

"We have learned that German science is not of the high order we had been led to believe. Propaganda in behalf of German science has been effective over a long period. Prior to the first world war we accepted superiority of German scientific knowledge in this country.

"My visits to German plants have convinced me that we are superior to them in every way."

This statement comes from Dr. Gustav Egloff, leader in petroleum research and one of the nation's top scientists. He knows whereof he speaks. Isn't it about time for Uncle Sam to stop taking off his hat to the other nations of the world, not only in this field but in many others?

Second Issue Bibliography Of Reports On Sale

The second issue of the "Bibliography of Scientific and Industrial Reports Distributed by the Office of the Publication Board", was placed on sale by the Superintendent of Documents, Government Printing Office, on February 1, the Office of the Publication Board said.

The bibliography, issued in weekly installments, contains the serial numbers, prices, and titles of reports obtainable from OPB. The reports each are grouped according to subject matter. A brief summary of the contents of each report is included in the bibliography.

The price of the second issue will be 20 cents. Prices of the weekly bibliographies vary in accordance with their size, and a definite yearly subscription rate cannot yet be determined. However, the Superintendent of Documents will accept $10.00 as initial payment for the service and will notify subscribers when additional remittance is required. Copies of the bibliographies also may be purchased singly.

Orders for the bibliographies should be accompanied by check, money order, or Superintendent of Documents coupons and should be addressed to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

The second issue, comprising 38 pages and covering 516 reports, will contain listings under the following subject headings: chemicals and allied products, with 359 titles; fabricated metal products (except ordnance, machinery, and transportation equipment) with 5 titles; food and kindred products, with 4 titles; machinery (except electrical), with 5 titles; ordnance and accessories, with 8 titles; paper and allied products, with three titles; printing, publishing and allied industries, with one title; products of petroleum and coal, with two titles; professional, scientific, and controlling instruments, photographic and optional goods, watches and clocks, with 10 titles; rubber products, with 2 titles; stone, clay, and glass products, with 3 titles; textile mill products, with 1 title; transportation equip-

(Continued on Page Four)

NAREB Presents Plan To Speed Housing

A program for quickly meeting the housing shortage by suspending federal restrictions on home building and providing a direct housing subsidy for veterans was advocated today by the National Association of Real Estate Boards.

This program, with other suggestions, has been laid by the Association before Wilson Wyatt, the Housing Expediter, and the House Banking and Currency Committee considering the Patman housing bill.

"Our veterans are returning to an advanced price level," the Association declared, "and this fact should be recognized in building homes for veterans, whether for rent or sale. Building costs have risen anywhere from 30 to 60 per cent, and it is foolish to try to produce houses under that level by granting subsidies to producers or builders.

"The subsidy ought to go directly to the veteran who can make a showing that he needs aid in obtaining good living conditions. That aid is due him, and it would be better to give it to our returning service men than to put it into bricks and mortar.

"It would stimulate building of houses by recognizing the economic facts of life—that prices have advanced and cannot be concealed. If that were done, and the federal restrictions on wages, materials, sales prices and rents (on new construction) were to be suspended for six months, we would have a tremendous wave of homebuilding and do something effective in meeting the veterans' housing shortage."

In a memorandum to Wilson Wyatt and the Banking and Currency Committee, the NAREB suggested that consideration should be given to a subsidy of $500 or $1,000 for any veteran who can show he needs it in order to acquire decent living conditions. The subsidy could be in the form of a credit that could be used to help finance purchase of a home or to apply on rent payments over a period of 24 months. Direct help of this type would not add to inflationary pressure but would assist the veteran in fitting himself back into the economy, the Association said.

(Continued on Page Four)

Nation's First 'Private Housing Authority' Formed

A new pattern for the solution of the nation's long range, number one problem — the acute housing shortage—was indicated today by the formation of the firm of Harrison, Ballard & Allen as the nation's first "Private Housing Authority".

The three partners in the firm will be Allan S. Harrison, Director of Public Housing for the City of New York, William F. R. Ballard, architect, who was retained by the New York City Housing Authority in the design of several of its larger projects, and Frederick H. Allen, Deputy Mortgage Officer of the Bowery Savings Bank. Harrison and Allen today announced their resignation from their present positions, effective February 1.

The firm will resemble public housing authorities in the scope of its functions, relieving the owner of all detail and responsibility in connection with development problems.

Functoning as owner's agent in the creation of multi-family housing developments and communities, the firm will retain services such as architects and contractors and will control all or a part of the processes, in accordance with the owner's requirements, from inception of the project to setting up of management staffs.

"Public agencies, insurance and banking interests, labor unions and private investors want to build," Harrison said, "but postwar building is hampered now by the necessity for such interests to deal with many agencies to coordinate functions.

"We think our type of organization, by making available to all communities the experience we have gained in housing, will stimulate construction of large scale urban housing developments, apartment houses, industrial communities, recreation communities, and new towns and villages.

"The organization, as a single agency," he said, "will be prepared to carry through to completion projects which would otherwise require contacts with promoters, real estate representatives, financial experts, architects, engineers, contractors, landscape architects, and other agencies"

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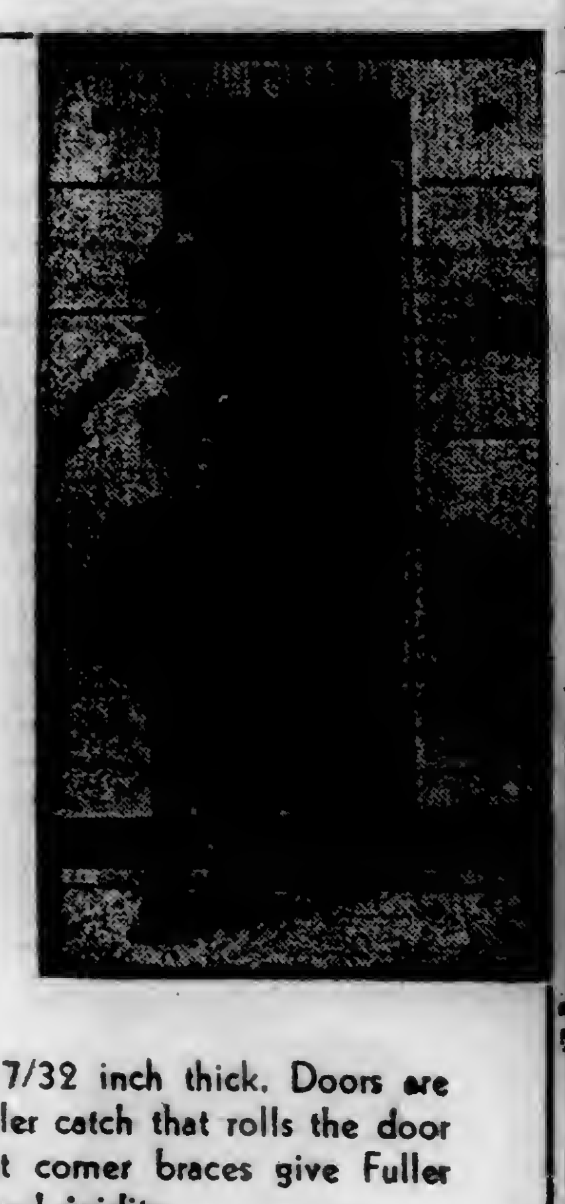

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DAILY PACIFIC BUILDER
(Established 1890)
Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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1-8—COMMERCIAL BLDGS.

2/11/46 • 6
WORK UNDER WAY
STORE BUILDINGS
RENO, Washoe Co., Nev. West St.
Construction of (1) farm equipment store (60x140 ft.), with large baby chick brooder room in rear, (2) a building materials and supply store (25x140 ft.), and (3) service station (50x140 ft.) with ramp to basement.

All three buildings are of one-story brick construction.

Owner—Sears, Roebuck & Co., Morris Stewart, manager, Reno, Nev.
Architect—Lehman A. Ferris, 577 La Rue St., Reno, Nev.

2/11/46 2
CONTRACT AWARDED

LOS ANGELES, Calif.—Axel Niska, 219 Witmer St., Los Angeles, will build a garage-sales building at 2641 Crenshaw Blvd., Los Angeles, for Crenshaw Co; cost, $50,000. It will cover an area 137x82 ft. Plans were prepared by Architect H. W. Underhill, 4958 Valley Ridge Ave., Los Angeles.

2/11/46 • 2
BIDS WANTED—TO BE OPENED FEBRUARY 15, 12 NOON
REMODEL CARBARN
Estimated Cost, $250,000
PORTLAND, Ore. 935 N. Killingsworth, Piedmont Division carbarn.
Remodeling of carbarn, glass blocks to replace corrugated iron wall along one side of combined carhouse and office building (420x20 ft.), auditorium with kitchenette (35x60 ft.), for trainmen, remodeling of reconditioning shops, enlargements. Works will require brick and tile work, concrete work, terrazzo flooring, installation of fire protection sprinklers, 3 big motor-operated steel doors, roof repairs for entire 200x420 ft. brick building, installation of fluorescent fixtures, installation of steam unit heating, plumbing.
Owner—Portland Traction Co., Gordon G. Steele, president, 2838 E. Burnside.
Chief Engineer—Tom Pumfrey, 4314 SE. 17th St., Portland.

The following contractors have taken out plans:

Reimers & Jolivette, Builders' Exchange Bldg., Portland.

Lindstrom Bros., Builders' Exchange Bldg., Portland.

R. M. Robson, 2911 NE. Prescott, Portland.

W. C. Smith, Inc., Board of Trade Bldg., Portland.

Ward & Christal, 3505 NE. Broadway, Portland.

2/11/46 • 4
PLANNED
OFFICE BUILDING Cost, $100,000
SAN JOSE, Santa Clara Co., Calif. Southwest corner of St. James and Third Sts.
Construction of two-story reinforced concrete office building.
Owner—James F. Boccardo, Bank of American Bldg., San Jose.
Architect—Not given.

2/11/46 • • 6
PLANNED
REMODEL BLDG. Cost, $75,000
EUREKA, Humboldt Co., Calif. NW Corner of Third and F Streets.
Remodel Jones building.
Owners—Albert Batini and D. Massei, 838 J St., Eureka.
Architect—Not Given.

2/11/46 • 2
TO ASK BIDS
MOTOR PARTS DEPOT Cost $775,000
SEATTLE, Wash. Fourth Ave. S. near Spokane St.
Construction of brick and steel one-story motor parts depot (400x225 ft.), large plate glass showroom in front.
Owner—Ford Motor Co., W C. Peterson, Northwest manager, Northern Life Tower, Seattle.
Architects—Gffeis & Vallet, Inc., and L. Rosetti, Detroit.
Resident Engineer — Eldon Hedeen, c/o Ford Motor Co., Northern Life Tower, Seattle.

Sub-contractors are:

Brick Facing—Washington Brick & Lime Co., 1725 Westlake N.
Common Brick—Gladding-McBean & Co., 1500 First Ave. S., Seattle.
Structural Steel—Virginia Bridge Co., Roanoke, Va.
Piling—Raymond Concrete Co., Seattle.

2/11/46 • 3
CONTRACT AWARDED
DRIER AND WAREHOUSE
Cost, $200,000
WILLOWS, Glenn County, Calif. Tehama St.
Construction of concrete bulk grain storage plant to contain 16 large bids and 32 smaller bins with a total storage space of 200,000 sacks; installation of 60-foot scale.
Owner—Willows Rice Drier & Storage Co., R. A. Renaud, partner, Willows, Calif.
Plans by Robert Martin, industrial engineer.
Contractor — Berlinger Construtcion Co, P. O. Box 921, Chico.

Razing of a warehouse will begin immediately and actual construction of the plant will start in the near future.

2/11/46 • 8
FILLING CONTRACT AWARDED
APPAREL CENTER BUILDING
Estimated Cost, $4,000,000
SAN FRANCISCO. Area bounded by Industrial, Bayshore and Oakdale Aves
Construction of apparel center, including one-, four- and six-story buildings of reinforced concrete.
Owner — Apparel City, Inc, Fred Pruter, manager, 116 New Montgomery St., San Francisco; Milton E. Dorman, chairman of directors.
Architects — J. Francis Ward and John S. Bolles, 369 Pine St., San Francisco.
Fill and Grade—Charles L. Harney, 625 Market St., San Francisco.

Filling and grading work has commenced.

9-10—EDUCATIONAL BUILDINGS

2/11/46 • 9
BIDS OPENED

COACHELLA, Riverside Co., Cal.—O. E. Brown, 925 Elm St., Beaumont, at $109,668 submitted the low base bid to the Coachella Valley Union High School District of Riverside County, Coachella, Feb. 4, for the construction of a one-story, 7-room, reinforced concrete addition to the high school at Coachella.

The addition will contain approximately 7100 sq. ft. of floor space and the work will include concrete work, structural steel and miscellaneous steel work, sheet metal work, composition roofing, metal furring, interior lathing and paistering, carpentry and millwork, metal windows blackboards and corkboard, hollow metal doors, asphalt tile linoleum, glass and glazing, venetian blinds, painting, plumbing, heating and cooling, electrical work, excavating and grading.

Plans were prepared by Architects Marsh, Smith & Powell, Architects' Bldg., 816 W 5th St., Los Angeles.

Bids were submitted on the following: (1) base bid, (2) deduct from (1) if "Desert Cooler" systems are used in lieu of the "indirect evaporative cooling system" as originally called for.

Complete bids were:

O. E. Brown, (1) $109,668; (2) $3350.

Baruch Corp., (1) $133,488; (2) $3,350.

R. J. Daum, (1) $135,000; (2) $3300.

2/11/46 9
BONDS VOTED
SCHOOL BLDG. PROGRAM
Est. Cost, $400,000
SNOHOMISH, Washington.
Construction and equipment at Central Grade School, auditorium and classrooms and construction and equipping of a Vocational school building at Snohomish high school.
Owner—Snohomish School Dist., John S. Wood, City School Supt
Architect—Not Given.

2/11/46 • 9
BIDS WANTED

KINGSBURG, Fresno Co., Calif.—Until February 11, 8 P. M., bids will be received by the Kingsburg Joint Union High School District, Dr. E. A. Larson, clerk of board of trustees, for furnishing and delivery of building materials and supplies, such as sand, gravel, cement, trnasit mix concrete, reinforcing steel, lumber, plastering materials, roofing materials, plumbing materials, electrical materials, steel window sash, mill work, paints, etc., to be used in the erection and construction of a swimming pool and shower rooms to be located on the high school site in Kingsburg, Calif. All materials to be delivered to site of construction.

Complete lists and specifications for these materials and supplies may be had at the office of the High School, Kingsburg, Calif.

A certified check or bidder's bond in an amount equal to at least 10% of the total amount of the bid submitted must accompany each proposal.

2/11/46 • 9
BOND ELECTION

BAYSHORE, San Mateo Co., Calif.—The Bayshore Elementary School District will vote March 5 on a proposal to issue bonds in the amount of $75,000, proceeds of which will be used to finance construction of alterations and improvements to school buildings.

The election will be held at the Bayshore Elementary School, 155 Orienta St., Bayshore.

12-13—INDUSTRIAL BUILDINGS

2/11/46 12
PLANS STARTED
FACTORY Cost, $300,000
SEATTLE, Wash. Sixth Ave S., fve-acre site.
Construction of truck and trailer equipment factory.
Owner—Fruehauf Trailer & Equipment Co., Z. W. Therrien, local manager, 300 Michigan St., Seattle.
Architects — Young & Richardson, Central Bldg., Seattle.
Grading—E. W. Elliott Co., Dexter Horton Bldg.

Fill will include 280x810 of the five-acre tract.

2/11/46 12
PLANS BEING FIGURED

LOS ANGELES COUNTY, Calif.—Architect Marcus P Miller, 111 W. 7th St., Los Angeles, has completed plans and is taking bids from a closed list of contractors for the construction of a 1-story reinforced concrete and brick factory and office building at 1340 S. Hill St., Los Angeles, for Elkeles, Inc., 1200 W. 6th St., Los Angeles; 100x130 ft. in area; estimated cost, $30,000.

2/11/46 12
CONSTRUCTION STARTED
QUICK FREEZE PLANT $60,000
NAMPA, Idaho. 3rd Ave. and 44th St.
Construction of 1-story quick freeze plans (110x340 ft.), with asbestos shingle exterior, concrete slab floor. To contain low pressure heating system oil burners.
Owner—Cascade Frozen Foods, Inc., 2202 1st Ave. S., Seattle, Wash.
Architect—Hummel, Hummel & Jones, Baird Bldg., Boise, Idaho.
Contractor—H. J. McNeel, Caldwell, Idaho.
Roofing—E. W. Little Co., 910 Jefferson St., Boise, Idaho.
Refrigerating Machinery — Yale Machinery Co.

2/11/46 12
COMPLETING PLANS

CORONA, Riverside Co., Calif—Architect Lester H. Hibbard, Architects' Bldg., 816 W. 5th St., Los Angeles, is completing plans for the construction of a 1-story and basement frame and corrugated iron packing house addition at Corona for the Jameson Co., 520½ Main St., Corona; 100x100 ft. in area, corrugated iron roof, steel sash sawtooth skylights, concrete floor in basement, laminated wood first floor, wood girders, overhead doors; owner will build.

2/11/46 • 12
PLANNED
PUBLISHING HOUSE Cost, $75,000
SAN JOSE, Santa Clara Co., Calif. Stockton Ave. and Clinton St.
Construction of reinforced concrete religious publishing house (121x155x 97½ ft.).
Owner — Warner Press, Anderson, Ind., national headquarters, and Sacramento, Calif; Dr. A. T. Rowe, general manager; Paul R. Watson, San Jose manager.
Archtect—Not given.

Construction will begin in the near future.

2/11/46 • • 12
IMPROVEMENTS Cost, $146,000
FALL RIVER, Shasta Co., Calif.
Improvements to packing company, to include new freezer room, sales cooler, sausage mfg. plant, new creamery, and new killing plant.
Owner—Fall River Meat Company, Pat Ryan, general manager, Fall River.
Architect—Not Given.

2/11/46 • • 12-13
BIDS OPENED
LABORATORY BLDG.
MOFFETT FIELD, Santa Clara Co., Calif. Ames Aeronautical Laboratory.
Construction of steel frame and concrete wall laboratory building to contain offices and maintenance shop for new supersonic wind tunnel.
Owner — National Advisory Committee for Aeronautics, Moffett Field.
Low Bidder—Erbentraut & Summers, 446 6th St., San Francisco, $393,000.

Complete bids were:

Erbentraut & Summers, San Francisco, $393,000.

M. J. King, Inc., San Francisco, $409,825.

Peter Kiewit Sons Co., San Francisco, $419,335.

Peter Sorensen, Redwood City, $537,817.

James I. Barnes Constr. Co., San Francisco, $424,300.

Carl N. Swenson Co., San Jose, $428,266.

De Luca & Son, San Francisco, $444,000.

Wells P. Goodenough, Palo Alto, $469,800.

2/11/46 • 12
BIDS WANTED—TO BE OPENED FEBRUARY 19, 11 A. M.
INDUSTRIAL BUILDING
SAN FRANCISCO. Tennessee near 20th St.
Construction of new building.
Owner—American Meter Co., 471 11th St.
Architect—John H. Devitt, 580 Market St.

14-17—PUBLIC BLDGS.

2/11/46 • 16
CORRECTION

SAN DIEGO, Calif.—As previously reported, until February 25, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for exterior painting and miscellaneous repairs to the U. S. Post Office building at San Diego.

Plans and specifications obtainable from the above office of the district engineer.

It was previously reported incorrectly that the above work was for interior painting.

2/11/46 • 16
BIDS WANTED

PRESTON, Franklin Co., Idaho.—Until February 27, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting and installation of new entrance doors, etc., in the U. S. Post Office, Preston, Idaho.

Plans and specifications may be obtained from the above office of the district engineer.

2/11/46 • 16
BIDS WANTED

SAN FRANCISCO—Until February 20, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for repairing freight elevator at the Rincon Annex Post Office, San Francisco.

Plans and specifications may be obtained from the above office of the district engineer.

2/11/46 • 16
BIDS WANTED

FULLERTON, Los Angeles Co., Calif.—Until February 27, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for new sump pump in U. S. Post Office, Fullerton.

Plans and specifications may be obtained from the above office of the district engineer.

2/11/46 • 16
BIDS WANTED

LANCASTER, Los Angeles Co., Calif.—Until March 1, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for finishing basement in U. S. Post Office, Lancaster.

Plans and specifications may be obtained from the above office of the district engineer.

2/11/46 • • 15
BIDS WANTED

SAN FRANCISCO.—Until Feb. 27, 1:45 P. M., bids will be received by the Department of Public Works, Room 282, City Hall, for alterations to Room 164, Traffic Fines Bureau, City Hall.

Plans and specifications obtainable from the office of City Architect Dodge A. Riedy, Room 265, City Hall, upon deposit of $5.00.

2/11/46 • 15
SITE SELECTED
CIVIC CENTER
MERCED, Merced County, Calif. Half section of blocks 143 and 144 facing on N St., between 18th and 19th Sts., as site for proposed civic center.
Owner — City Planning Commission, Merced.
Architect—Not given.

2/11/46 • 16
BIDS WANTED

SAN GABRIEL, Los Angeles Co., Calif.—Until February 27, 2 P. M., bids will be received at the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for relining firebox heating boiler in U. S. Post Office.

Specifications obtainable from the above office of the district engineer.

2/11/46 • 16
BIDS WANTED

LOS ANGELES, Calif.—Until Feb. 27, 2 P. M., bids will be received at the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for repairing acoustic ceilings in Post Office and Courthouse Bldg., Los Angeles.

Specifications obtainable from the above office of the district engineer.

2/11/46 • 16
BIDS WANTED

LOS ANGELES, Calif.—Until Feb. 27, 2 P. M., bids will be received at the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for ventilation of switchboard room in the Western Pacific Bldg., Los Angeles.

Specifications obtainable from the above office of the district engineer.

20-21—SOCIAL AND RECREATIONAL BLDGS.

2/11/46 • • 20
BIDS OPENED

OCEAN BEACH, San Diego Co., Cal.—F. E. Young, 2141 Main, Box 2872, San Diego, at $74,850 submitted the low bid to City of San Diego February 5 for the construction of a reinforced concrete community center building on Santa Monica Ave., west of Ebers Street, Ocean Beach, San Diego, for the city.

Complete bids were:

F. E. Young, $74,850; alternate, add $5000.

Stanton-Reed Co., $75,864; alternate, add $5110.

I. C. Curry, $79,000; alternate, add $6100.

2/11/46 21
PREPARING PRELIMINARY PLANS
THEATER Cost, $130,000-$150,000
OLYMPIA, Wash. 4th and Washington Sts
Construction of theater.
Owner — Thomas O'Leary, National Bank of Commerce Bldg., Olympia, Wash.
Architect—Joseph H. Wohleb, Chambers Bldg., Olympia, Wash.
Lessee — Evergreen Theaters Corp., Skinner Bldg., Seattle, Wash.

2/11/46 • 21
LOW BIDDER
ALTER THEATER
OAKLAND, Alameda County, Calif. 3200 Grand Ave
Alterations to Grand Lake Fox Theater.
Owner — Fox-West Coast Theaters, 988 Market St., San Francisco.
Archtect—Otto A. Deichmann, 1026 Market St., San Francisco.
Low Bidder—Mariposa Construction Co., 1106 Mariposa St., San Francisco.

2/11/46 • 21
CONTRACT AWARDED
THEATER Cost, $100,000
MENLO PARK, San Mateo Co., Calif.
Construction of reinforced concrete theater building to seat 800 persons.
Owner — Menlo Mayfield Theaters, Menlo Park.
Architect—Otto A. Deichmann, 1026 Market St., San Francisco.
Contractor — Moore & Roberts, 693 Mission St., San Francisco.

Work has just started.

2/11/46 • 20
PLANNED
REMODEL CLUB Cost, $50,000
CARMEL, Monterey Co., Calif. Mission Ranch Club.
Complete renovation of club.
Lessee—Ashton Stanley, former manager of Del Monte Lodge.
Owner—Bert G. Dienelt, Ridgewood Rd., Carmel, Calif.
Architect—Not given.

Construction contingent upon authorization by county.

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Store Bldg., Railroad Ave. and E 7th St., Pittsburg; Bids open Feb. 9, 11 AM
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Louis C. Dunn Co., 799 Monadnock Bldg., San Francisco (YUkon 1471)
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., S. F. (MIssion 1490).
Stolte, Inc., 8451 San Leandro St., Oakland (TRinidad 1064).

Tulana Farms Grain Elevator, Worden, Ore.; Bids Ipen Feb. 14, Noon.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

Tank Truck Loading Fac., Standard Oil, Richmond; Bids open Feb. 18, Noon
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980
Barrett & Hilp. 918 Harrison St., San Francisco (DOuglas 0700).

Shops Bldg., San Mateo Junior College; Bids open February 13, 8 P. M.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Monson Brothers, 475 Sixth St., San Francisco (DOuglas 5357).
Haas Constr Co., 326 Merchants' Exchange Bldg., S. F. (EXbrook 1205).
C. L. Wold Constr. Co., Ltd., 4412-16 Fulton St., S F. (SKyline 4362)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S F (EXbrook 6906 or 7054)

Superstructure, Shop Bldg. No. 411, San Francisco Naval Shipyard; Bids open February 21, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
A. Farnell Blair, 9 Main St., San Francisco (YUkon 0390)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
Empire Constr. Co., Ltd. and C. F. Lytell (joint venture), 344 Harriet Street, San Francisco (HEmlock 3400).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).

Warehouse, Standard Oil Co., 7th and Irwin Streets, San Francisco; Bids open February 15.
Robert McCarthy Co., 1050 Kirkham St., San Francisco (OVerland 4050)
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624).
E. S. McKittrick Co., 610—16th St., Oakland (TWinoaks 5070)
Barrett & Hilp, 918 Harrison St.. San Francisco (DOuglas 0700).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6669)
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Fred J. Early Co., 369 Pine Street, San Francisco (SUtter 1731).
Haas Constr. Co., 326 Merchants' Exchange Bldg., S. F. (EXbrook 1205)
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)

Armstrong & Campbell Showroom and Garage, San Rafael; Bids open February 9, 2:00 P. M.
E. P. Merritt, 102 Rialto Bldg., San Francisco (YUkon 1274).

Auto Sales and Service Bldg., San Francisco; Bids open February 18.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Peter Sorensen, 927 Arguello St., Redwood City (Redwood 2212).
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081)

Theatre Bldg., Salinas; Bids open February 15, 4 P. M.
Erbentraut & Summers, 446—6th St., San Francisco (MArket 8310)

Ongara Food Locker Bldg., Greenfield Avenue, San Anselmo; Bids open February 14, 5:00 P. M.
E. P. Merritt, 102 Rialto Bldg., San Francisco (YUkon 0656).

Chevrolet Agency, San Rafael; Bids open February 15, 5 P. M.
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).

Ongara Food Locker, San Anselmo: Bids open February 14, 5 P. M.
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).

Tool Shed, Lincoln Park Golf Course, S. F.; Bids open Feb. 11, 2 P. M.
N. O. Wiseth, 711 McAllister St., San Francisco (FIllmore 1231 or 9953)

Outdoor Gunnery Range, NAAS, Crows Landing; Spec. 17507; Bids open February 26, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).

Automobile, Appliance Service Building, Geary Blvd., S. F.; Bids open February 26, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).

Elrgero Res., Merced Ave. near Garcia, S. F.; Bids open Feb. 14, 5 P. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).

Kunst Bros. Store Bldg., Valencia nr Duboce; Bids open Feb. 14, 5 P. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).

Residence for San Francisco Theological Seminary, San Anselmo; Bids open February 21, 3:00 P. M.
B. & R. Constr. Co., 268 Market St., San Francisco (DOuglas 7516).

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WANTED
WORK FOR D 8 TRACTORS, CARRYALLS and TERRA COBRAS. Phone Stockton [illegible].

ADVANCE CONSTRUCTION REPORTS

2/11/46 • 41
CONTRACT AWARDED
INGLEWOOD, Los Angeles Co., Calif. — Marko Matick, 1269 Eagle Vista Dr., Los Angeles, at $27,000, was awarded contract by the city council of the City of Inglewood, City Hall, Inglewood, for the installation of new 8-inch cast iron pipes for main water lines and 6-inch cast iron pipes for feeder lines in the area south of Hardy St., between Prairie and S. La Brea Aves., Inglewood.

22-26—RESIDENTIAL BUILDINGS

2/11/22 • 22
BIDS WANTED
PHOENIX, Ariz.—Until Feb. 11, 10 A. M, bids will be received by the city manager, Phoenix, for the construction and completion of living units and related and incidental work for South Mountain Park, Phoenix, for the city. Work involves alterations and additions to seven existing camp buildings, comprising 85 living units.

Plans and specifications may be obtained from the office of the city engineer, Phoenix, upon deposit of $10.00.

2/11/46 23
CONTRACT AWARDED
BEVERLY HILLS, Los Angeles Co., Calif.—W. E. Robertson Co., 4015 W. Jefferson Blvd., Los Angeles, will build a 2-story, 12-room duplex dwelling at 448-50 Smithwood Dr., Beverly Hills, for Ada and Louis Handelsman, 748 S. Sycamore Ave., Los Angeles; frame and stucco construction. Plans were prepared by F. O. Reyenga, engineer, 1707 6th Ave., Los Angeles.

2/11/46 • 25
BIDS WANTED
DENVER, Colo. — Until February 20, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1169 for furnishing and delivering by trucks at Estes Park government camp near Estes Park, Colo.; Fort Collins government camp near Fort Collins, Colo., and Shadow Mountain government camp near Granby, Colo., or delivery by rail f.o.b. cars at the shipping point or f.o.b. cars at Loveland, Colo.; Fort Collins, Colo., and Granby, Colo., two-bedroom, prefabricated, portable and demountable houses for the Colorado-Big Thompson Project, Colorado, as follows: 35 houses for the Estes Park government camp, 35 houses for the Fort Collins government camp and 30 houses for the Shadow Mountain government camp. The houses will be erected by the government. The specifications contain a provision for liquidated damages for delay. No charge for copies of the specifications to prospective bona fide bidders; to others, $.50, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colo.

2/11/46 • • 22
LOW BIDDER
MOTEL BUILDINGS
OAKLAND, Alameda County, Calif. Construction of motel buildings.
Owner—Mr. Moody.
Architects—Miller and Warnecke, Financial Center Bldg., Oakland.
Low Bidder—Stolte, Inc., 8451 San Leandro St., Oakland.

2/11/46 • 22
PLANNED
MOTEL Estimated Cost, $100,000
EL CERRITO, Contra Costa County, Calif. Southeast corner San Pablo Ave. and Fink Lane.
Construction of two-story modern bungalow motel, 60 or 70 units built around coffee shop and recreational area, Spanish type architecture.
Owner—Don Kimball, president, El Cerrito Chamber of Commerce.
Architect—Not given.

Work is scheduled to start as soon as building materials can be obtained.

2/11/46 • 24
PLANS BEING FIGURED—BIDS OPEN FEBRUARY 21, 3 P. M.
OREGON RESIDENCE
SAN ANSELMO, Marin Co., Calif.
Construction of two-story and part one-story frame Oregon residence.
Owner — San Francisco Theological Seminary, San Anselmo.
Architect — James H. Mitchell, 407 Sansome St., San Francisco.

Plans are being figured by the following contractors:

B. & R. Construction Co., 268 Market St., San Francisco.

D. B Ferrero, 31 Belle Ave., San Anselmo.

Litchfield Construction Co., 721 Francisco Blvd., San Rafael.

Peter Sartorio, 262 Clementina St., San Francisco.

S. J. Amoroso Construction Co., 2100 Oakdale Ave., San Francisco.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Water Supply and Sewage Disposal Plants 31-32
Bridges 33
Dams, Reservoirs and Dredging 34
Docks, Piers & Harbors 35
Parks, Airports and Playgrounds 36
Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

2/11/46 • 31
BIDS WANTED
AMARILLO, Texas.—Until Feb. 12, 8 P. M., bids will be received by the City of Amarillo, office of A. P. Hancock, city manager, City Hall, Amarillo, Texas, for the construction of improvements to the water distribution system at Amarillo, Texas. Plans and specifications available at the above office upon deposit of $25. Certified or cashier's check in amount of 5% of bid required.

33—BRIDGES

2/11/46 • • 32
BIDS OPENED
SAN FRANCISCO.—M. & K. Corp., 200 Financial Center Bldg., at $461,937.45 total bid on Proposition BC; $345,170 on Prop. AD, and $796,989.55 on Propositions BC and AD combiner, submitted low bids February 8 to the Department of Public W'ks, Room 282, City Hall, for construction of Scott Street sewer system, Sections BC and AD, on 17th, Church, 14th, Sanchez and Steiner Streets between Treat Ave. and Waller St.

Work involves:

PROPOSITION BC
Covering Section BC Only

(1) lump sum, junction structure in Treat Ave. at 17th St.;
(2) 726 l.f. 9-ft. x 7-ft. 3-in. reinf. concrete sewer on piles;
(3) lump sum, taper structure at 17th and Shotwell Sts.;
(4) 974 l.f. 6-ft. 6-in. reinf. concrete sewer on piles;
(5) lump sum, taper structure at 17th and Mission Sts.;
(6) 587 l.f. 5-ft. 9-in. diam. reinf. concrete sewer on piles;
(7) 1,948 l.f. 5-ft. 9-in. reinf. conc. sewer;
(8) lump sum, taper structure at 17th and Church Streets;
(9) 54 l.f. 18-in. VCP sewer;
(10) 115 l.f. 15-inch do;
(11) 112 l.f. 12-inch do;
(12) 50 l.f. 10-in. VCP culvert;
(13) 2 each catchbasin trap;
(14) 17 each manhole on coc. sewer;
(15) 6 each manhole on brick sewer;
(16) 8 each manhole on VCP sewer;
(17) 1425 l.f. 12-in. VCP sub-drain;
(18) 1,425 l.f. 10-inch do;
(19) 1,425 l.f. 8-inch do;
(20) 1,100 tons rock fill;
(21) 51,000 l.f. timber piles;
(22) alterations to sewer in Treat Ave., 16th to 18th Sts.;
(23) 3 each altering 14-inch gate valve setting (AWS system);
(24) 1,290 l.f. 14- and 16-in. pipe line shifting, altering and realigning (AWS system);
(25) 640 l.f. 12-inch do;
(26) altering 8-in. hydrant lines (A W S system);
(27) 3,160 lbs. pig lead (do);
(28) 4,900 lbs. wrought iron bolts. nuts and washers (do);
(29 7,880 lbs. cast iron specials castings (do);
(30) 4,760 lbs. cast steel specials castings (do);
(31) 515 lbs. cast iron valve boxes (AWS system);
(32) 14 c.y. concrete structures (do);
(33) traffic routing work;

PROSPOSITION AD
Covering Prop. AD Only

(1) 1,825 l.f. 7-in. diam. reinforced concrete sewer;
(2) 70 l.f. 2-ft. 6-in. x 3-ft. 9-inch reinforced concrete sewer;
(3) 45 l.f. 2x3-ft. do;
(4) connection to existing 7-ft. diam. sewer;
(5) 60 l.f. 27-in. centrif. spun reinf. concrete pipe sewer;
(6) abandoning exist. 3x5-ft. brick sewer;
(7) taper structure at 14th and Church Streets;
(8) 1,814 l.f. 5-ft. 9-in. diam. reinf. concrete sewer;
(9) storm overflow structure at Waller and Steiner Streets;
(10) 45 l.f. 21-in. VCP sewer;
(11) 57 l.f. 18-inch VCP sewer;
(12) 232 l.f. 12-inch VCP sewer;
(13) 7 each 12x6-in. Y-branch;
(14) 573 l.f. 10-in. VCP culvert;
(15) 48 l.f. 6-in. VCP side sewer;
(16) 2 each catchbasin;
(17) 25 each catchbasin trap;
(18) 21 each manhole on conc. sewer;
(19) 11 each manhole on VCP sewer;
(20) 1,260 l.f. 12-in. VCP sub-drain;
(21) 1,260 l.f. 10-in. VCP sub-drain;
(22) 1,260 l.f. 8-in. VCP sub-drain;
(23) 900 tons rock fill;
(24) alterations to weir at 14th and Dolores Sts.;
(25) 65,000 sq. ft. pavement excavation in track rea;
(26) 6,400 l.f. track removal;
(27) 1,400 c.y. excav. below pave.;
(28) 1,700 c.y. crushed rock ballast furnish and deliver);
(29) 4,200 l.f. track construction;
(30) 150 each thermit weld joints;
(31) standard crossover;
(32) double track branch-off at Market Street;
(33) do at 16th Street;
(34) 80 c.y. trenches for conduits and drains (track work);
(35) 50 l.f. 6-in. VCP drains (do);
(36) 100 l.f. 4-in. VCP drains (do);
(37) 120 each arc welded copper bonds;
(38) 2,000 l.f. copper bond wire at special work;
(39) 200 l.f. 1-in. galv. pipe conduit;
(40) 66,000 sq. ft. asph. conc. wearing surface on concrete base;
(41) 80 tons asph. concrete-conform pavement;
(42) 4,800 sq. ft. concrete base conform pavement;
(43) traffic routing work.

PROPOSITION BC, AD
Covering Section BC and Section AD

(1) junction structure in Treat Ave. at 17th St.;
(2) 726 lin. ft. 9-ft. x 7-ft. 3-in. reinforced concrete sewer on piles;
(3) taper structure at 17th and Shotwell Sts. ;
(4) 974 lin. ft. 6-ft. 6-in. reinforced concrete sewer on piles;
(5) taper structure at 17th and Mission Sts.;
(6) 587 lin. ft. 5-ft. 9-in. diameter reinforced concrete sewer on piles;
(7) 3761 lin. ft. 5-ft. 9-in. diameter reinforced concrete sewer;
(8) taper structure at 17th and Church Sts.;
(9) 1825 lin. ft. 7-ft. diameter reinforced concrete sewer;
(10) 70 lin. ft. 2-ft. 6-in. x 3-ft. 9-in. reinforced concrete sewer;
(11) 45 lin. ft. 2-ft. x 3-ft. reinforced concrete sewer;
(12) connection to existing 7-ft. diameter sewer;
(13) 60 lin. ft. 27-in. centrifugally spun reinforced concrete pipe sewer;
(14) abandoning existing 3-ft. x 5-ft. brick sewer;
(15) taper structure at 14th and Church Sts.;
(16) storm overflow structure at Waller and Steiner Sts.;
(17) 45 lin. ft. 21-in. vitrified clay pipe sewer;
(18) 111 lin. ft. 18-in. vitrified clay pipe sewer;
(19) 115 lin. ft. 15-in. vitrified clay pipe sewer;
(20) 344 lin. ft. 12-in. vitrified clay pipe sewer;
(21) 7 each 12-in. x 6-in. Y branches;
(22) 623 lin. ft. 10-in. vitrified clay pipe culvert;
(23) 48 lin. ft. 6-in. vitriifed clay pipe side sewer;
(24) 2 each catchbasins;
(25) 27 each catchbasin traps;
(26) 38 ech manholes on concrete sewer;
(27) 6 each manholes on brick sewer;
(28) 19 each manholes on vitrified clay pipe sewer;
(29) 2685 lin. ft. 12-in. vitrified clay pipe subdrain;
(30) 2685 lin. ft. 10-in. vitrified clay pipe subdrain;
(31) 2685 lin. ft. 8-in. vitrified clay pipe subdrain;
(32) 2000 tons rock fill;
(33) 51,000 lin. ft. timber piles;
(34) alterations to sewer in Treat Ave., 16th to 18th Sts.;
(35) alterations to weir at 14th and Dolores Sts.;
(36) 3 each altering 14-in. gate valve setting (A.W.S. system);
(37) 1290 lin. ft. 14-in. and 16-in. pipeline shifting, altering and realigning (A.W.S. system);
(38) 640 lin. ft. 12-in. pipeline, shifting, altering and realigning (A. W.S. system);
(39) altering 8-in. hydrant lines (A. W.S. system);
(40) 3160 lbs. pig lead (A.W.S. system);
(41) 4900 lbs. wrought iron bolts, nuts and washers (A.W.S. system);
(42) 788 lbs. cast iron specials castings (A.W.S. system);
(43) 4760 lbs. cast steel special castings (A.W.S. system);
(44) 515 lbs. cast iron valve boxes (A. W.S. system);
(45) 14 cu. yds. concrete structures (A.W.S. system);
(46) 65,000 sq. ft. pavement excavation in track area;
(47) 6400 lin. ft. track removal;
(48) 1400 cu. yds. excavation below pavement;
(49) 1700 cu. yds. crushed rock ballast (furnishing and delivering);
(50) 4200 lin. ft. track construction;
(51) 150 joint thermit weld joints;
(52) standard crossover;
(53) double track branch-off at Market St.;
(54) double track branch-off at Sixteenth St.;
(55) 80 cu. yds. trenches for conduits and drains (track work);
(56) 50 lin. ft. 6-in. vitrified clay pipe drains (track work);
(57) 100 lin. ft. 4-in. vitrified clay pipe drains (track work);
(58) 120 each arc welded copper bonds;
(59) 2000 lin. ft. copper bond wire at special work;
(60) 200 lin. ft. 1-in. galvanized pipe conduit;
(61) 66,000 sq. ft. asphaltic concrete wearing surface on concrete base;
(62) 80 tons asphaltic concrete conform pavement;
(63) 4800 sq. ft. concrete base conform pavement;
(64) traffic routing work.

Total bids were:

(A) M. & K. Corp., San Francisco, (Prop. BC) $461,937.45; (Prop. AD) $345,170; (Prop. BC and AD comb.) $796,989.55.

(B) Chas. L. Harney, San Francisco, (Prop. BC) $476,445.50; (Prop. AD) $364,034.75; (Props. BC and AD comb.) $838,607.25.

Unit prices were:

	(A)	(B)
Proposition BC		
(1)	$1,200.00	$1,300.00
(2)	101.00	112.00
(3)	1,200.00	1,050.00
(4)	82.00	97.00
(5)	900.00	900.00
(6)	81.00	89.00
(7)	59.00	64.00
(8)	1,000.00	1,050.00
(9)	25.00	18.00
(10)	24.00	17.00
(11)	21.00	9.50
(12)	6.00	5.00
(13)	85.00	53.00
(14)	150.00	100.00
(15)	300.00	250.00
(16)	310.00	240.00
(17)	1.60	1.50
(18)	1.50	1.30
(19)	1.40	.85
(20)	3.00	2.90
(21)	.50	.50
(22)	41,000.00	33,000.00
(23)	350.00	320.00
(24)	15.00	10.60
(25)	15.00	10.00
(26)	975.00	650.00
(27)	.12	.10
(28)	.35	.20
(29)	.50	.50
(30)	.70	.60
(31)	.45	35
(32)	.49	85.00
(33)	10,000.00	1,200.00
Proposition AD		
(1)	57.00	72.50
(2)	58.00	38.50
(3)	37.00	33.00
(4)	1,000.00	800.00
(5)	29.00	32.00
(6)	6,100.00	1,250.00
(7)	900.00	1,250.00
(8)	54.00	62.00
(9)	2,700.00	2,300.00
(10)	32.00	19.50
(11)	24.00	18.00
(12)	20.00	17.00
(13)	7.00	3.25
(14)	6.00	5.00
(15)	9.00	5.00
(16)	200.00	190.00
(17)	80.00	53.00
(18)	140.00	100.00
(19)	300.00	240.00
(20)	1.60	1.50
(21)	1.50	1.30
(22)	1.40	.85
(23)	3.00	2.90
(24)	350.00	150.00
(25)	.23	.16
(26)	1.50	1.15
(27)	1.50	2.25
(28)	4.00	3.70
(29)	4.00	3.10
(30)	15.00	15.00
(31)	1,400.00	1,200.00
(32)	1,900.00	1,900.00
(33)	1,900.00	1,500.00
(34)	5.50	2.25
(35)	1.50	1.30
(36)	1.50	1.00
(37)	7.00	4.00
(38)	.25	.15
(39)	1.50	1.30
(40)	.43	.35
(41)	10.00	13.00
(42)	.44	.85
(43)	5,000.00	10,000.00
Propositions BC and AD		
(1)	1,136.00	1,300.00
(2)	98.00	112.00
(3)	1,200.00	1,050.00
(4)	79.00	97.00
(5)	800.00	900.00
(6)	78.00	89.00
(7)	57.00	63.00
(8)	930.00	1,050.00
(9)	60.00	72.50
(10)	58.00	38.50
(11)	37.00	33.00
(12)	1,030.00	300.00
(13)	28.00	32.00
(14)	6,100.00	1,250.00
(15)	900.00	1,250.00
(16)	2,100.00	2,300.00
(17)	32.00	19.50
(18)	23.00	18.00
(19)	22.00	17.00
(20)	20.00	9.50
(21)	7.00	3.25
(22)	6.00	5.00
(23)	9.00	5.00
(24)	206.00	1.90
(25)	80.00	.53
(26)	135.00	100.00
(27)	280.00	250.00
(28)	300.00	240.00
(29)	1.60	1.50
(30)	1.40	1.30
(31)	1.30	.85
(32)	3.90	32.90
(33)	.50	.50
(34)	3,500.00	33,000.00
(35)	330.00	150.00
(36)	335.00	320.00
(37)	14.00	10.60
(38)	14.00	10.00
(39)	1,000.00	650.00
(40)	.12	.10
(41)	.34	.20
(42)	.57	.50
(43)	.68	.60
(44)	.43	.35
(45)	48.00	85.00
(46)	.28	.16
(47)	1.40	1.15
(48)	1.40	2.25
(49)	1.40	2.25
(49)	4.00	3.70
(50)	4.00	3.10
(51)	15.00	15.00
(52)	1,400.00	1,200.00
(53)	2,000.00	1,900.00
(54)	2,000.00	1,500.00
(55)	5.00	2.25
(56)	2.00	1.30
(57)	2.00	1.00
(58)	7.00	4.00
(59)	.28	.15
(60)	1.50	1.30
(61)	.48	.35
(62)	10.00	13.00
(63)	.45	.35
(64)	15,500.00	22,000.40

LOS ANGELES CITY—GRADING, PAVING

LOS ANGELES Calif. — Warren-Southwest Inc., 2145 E 25th St., Los Angeles, at $35,11868, submitted low bid Feb. 6 to Los Angeles Board of Public Works, 153 City Hall, Los Angeles, for improving by grading, paving and by removal of walks and guard rails on Mission Rd. between Aliso and First St., Los Angeles; a cash contract; 90 days for completion.

The work involves:

(1) lump sum, grading, including hauling, but not including 2785 cu. yds. of excavation;
(2) lump sum, removal and hauling of 1632 lin. ft. curb, 260 sq. ft. gutter, 6850 sq. ft. sidewalk, 90 lin. ft. wall, 25 lin. ft. handrail and 2 catchbasins;
(3) 76,703 sq. ft. A.C., 8-in. concrete base, 6-in. and 2-in. wearing surface;
(4) 3488 sq. ft. A.C. wearing surface of variable thickness, average thickness 1-in.;
(5) 28,374 sq. ft. concrete pavement 8-in. thick;
(6) 500 sq. ft. rock and oil roadway, 3-in. thick;
(7) 720 sq. ft. rock and oil roadway of variable thickness, average thickness 1-in.;
(8) 1583 lin. ft. unplastered curb, type B;
(9) 125 lin. ft. unplastered curb, type D;
(10) 62 lin. ft. monolithic curb;
(11) 1939 sq. ft. course sidewalk, 3-in. thick;
(12) 272 sq. ft. monolithic sidewalk;
(13) 15 lin. ft. reset iron railing;
(14) reset two manhole frame and cover sets to grade;
(15) storm drain and appurtenances complete in place;
(16) 48 lin. ft. 6-in. house connection sewers;
(17) replace manhole frame and cover cover sets (4 units).

Total bids were:

(A) Warren - Southwest, Inc., $35,-118.68
(B) Griffith Co., $37,813.21
(C) John J. Swigart, $39,760.18.
(D) T. E. Sherlock, $42,562.
(E) Wm. Radkovich Co., $45,379.34.
(F) Charles T. Brown, $51,597.98.
(G) Engineer's Estimate, $39,796.68.

Unit prices were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)....	$5000.00	$4500.00	$6581.00	$3809.75	$2367.00	$6589.50	$4400.00
(2)....	1125.00	1500.00	2750.00	1704.30	1350.00	976.80	850.00
(3)....	.24	.28	.25	.30	.35	.38	.30
(4)....	.04	.06	.05	.045	.05	.06	.05
(5)....	.31	.30	.29.	.45	.46	.45	.35
(6)....	.11	.10	.18	.10	.08	.13	.09
(7)....	.04	.05	.09	.07	.05	.09	.05
(8)....	.85	.76	1.00	.90	1.00	1.20	.74
(9)....	.90	.85	1.50	1.00	1.10	1.50	.90
(10)....	1.15	2.30	.90	1.25	1.50	1.75	2.00
(11)....	.25	.20	.25	.23	.25	.22	.20
(12)....	.30	.38	.30	.28	.30	.24	.33
(13)....	30.00	25.00	45.00	45.00	25.00	70.00	15.00
(14)....	25.00	30.00	40.00	24.00	75.00	50.00	30.00
(15)....	775.00	800.00	1245.00	800.00	990.00	930.00	825.00
(16)....	2.50	2.10	5.00	.90	3.00	3.00	3.00
(17)....	70.00	130.00	216.00	200.00	200.00	254.00	200.00

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CERTAIN-TEED ROOFING PRODUCTS

34—DAMS, RESERVOIRS & DREDGING

2/11/46 • 34
TO ASK BIDS
FORT PECK, Mont.—The U. S. District Engineer Office, Fort Peck District, Fort Peck, Mont., will issue plans and specifications about Feb. 15 and will receive bids approximately 30 days later, for construction consisting of raising crest of main dam and dike sections of Fort Peck Dam approximately an average of 4 feet for a distance of approximately 4 miles, construction of roadway, including placement of 7-in. gravel base course across the crest of the dam and installation of a night lighting system along the roadway Approximately 241,000 cu. yds. of excavation will be placed and compacted in an embankment fill. The work includes 45,000 cu. yds. of gravel, 17,000 sq. yds. of stone facing on dam and 88 street lighting units with underground cable system (8000 cu. yds. of gravel blanket and stone for dam facing will be furnished by the government and placed by the contractor). A borrow pit is adjacent to the construction areas. The work also includes producing, hauling and stockpiling, 53,000 cu. yds. of gravel top course material, 15,000 cu. yds. of aggregate for bituminous concrete and 3400 cu. yds. of stone chips. The work is to commence within 30 days after notice of award and will be completed within 180 days.

2/11/46 • 34
BIDS WANTED
WALNUT CREEK, Contra Costa Co., Calif.—Until February 10, 2 P. M., bids will be received by the Oak Grove School District, O. J. Wohlgemuth, clerk, schoolhouse, for 193 feet of 6-foot wire woven fence of No. 9 tension wire, including two 16-foot gates. Price must include erection of fence with posts set in concrete three inches in diameter.

Specifications obtainable from the above office.

2/11/46 • 34
BIDS OPENED
AUBURN, Ky.—J. A. Jones Construction Co., 200 W. 4th St., P. O. Box 2162, Charlotte, N. C., at approximately $18,396,000, submitted the apparent low bid to the U. S. District Engineer Office, Nashville, Tenn., February 4, for the construction of the Wolf Creek Dam, across the Cumberland River, near Auburn, Ky. The dam will be approximately 200 ft. high, with an earth fill dike and will involve placing 1,300,000 cu. yds. of concrete and 7,000,000 cu. yds. of earth fill.

The three low bids submitted were:

J. A. Jones, Charlotte, N. C., $18,-396,000.

S. A. Healey, Chicago, Ill., $19,-900,000.

Morrison - Knudsen & Associates, $21,900,000.

2/11/46 • 34
LOW BIDDERS
CANTON, Blaine Co., Okla.—C. F. Lytle Co., Sioux City, Iowa, and Amis Construction Co., Oklahoma City, Okla., joint adventurers, at $5,-192,623 ,submitted low base bid to the U. S. District Engineer Office, P. O. Box 61, Tulsa, Okla., for the construction of spillway and completion of embankment, Canton Dam, on the North Canadian River, in Blaine County, about two miles north of Canton, Okla.

The completed project will consist essentially of a rolled earth fill embankment, four rolled earth fill dikes, concrete spillway and control works and service buildings. The four dikes, a portion of the embankment and part of the excavation for the spillway have been completed by a previous contract.

The work involves:

(1) 2,000,000 cu. yds. excavation;
(2) 1,700,000 cu. yds. fill;
(3) 10,000 cu. yds. sand in drainage trench;
(4) 180,000 cu. yds. (regular bid) and 300,000 cu. yds. (alternate bid) protection stone and including crushed rock, riprap and derrick stone;
(5) 120,000 bbls. cement;
(6) 1,000,000 lbs. reinforcement steel;
(7) 110,700 cu. yds. concrete;
(8) 3600 lbs. copper water stops;
(9) 140 lin. ft. 4-in. concrete pipe;
(10) 125 lin. ft. 15-in. corrugated metal pipe;
(11) 500 lin. ft. 6-in. vitrified clay pipe;
(12) 3600 lin. ft. 6-in. perforated vitrified clay pipe;
(13) 33,800 lbs. miscellaneous wrought iron pipe;
(14) 40,000 lbs. miscellaneous cast iron pipe;
(15) 95,000 lbs. miscellaneous metal work;
(16) 62,800 lbs. miscellaneous iron and steel castings;
(17) 5000 lbs. miscellaneous non-ferrous metals;
(18) 47,000 lbs. lead;
(19) 240,000 lbs. tainter gate embedded metal;
(20) 12,000 lbs. tainer gate steel forgings;
(21) 6700 lbs. rubber seals, molded;
(22) 20,000 lbs. tainer gate corrosion-resisting steel;
(23) 900,000 lbs. tainer gate movable parts;
(24) lump sum, tainer gate operating machinery;
(25) lump sum, 3 tractor-type sluice gates and 1 emergency gate, with frames, guides, hoists and conduit liners;
(26) lump sum, standby electric generator unit;
(27) lump sum, masonry service building including water treatment plant therein;
(28) lump sum, elevated water storage tank;
(29) 20,000 lbs. metal conduit;
(30) 5500 lin. ft. 2-in. fiber duct;
(31) lump sum, electric wiring, fixtures and equipment;
(32) 1000 sq. yds. sodding, Bermuda;
(33) 12,000 sq. yds. sodding, buffalo grass.

Second and third low bidders were:

James & Phelps Construction Co., Oklahoma City, Okla., $5,857,643.50 (base bid).

Western Contracting Corp., Sioux City, Iowa, $5,863,299 (alternate bid).

35— DOCKS, PIERS & HARBORS

2/11/46 • 35
CONTRACT AWARDED
BREMERTON, Wash.—Sheuman & Johnson, Lloyd Bldg., Seattle, Wash., at $442,411, was awarded contract by the U. S. Navy, Public Works Office, Bldg. No. 78, Puget Sound Navy Yard, Bremerton, Wash., for subdivision of drydock No. 3, Puget Sound Navy Yard, Bremerton, Wash.; Specification No. 16857, NOy 12655. Bids were received November 6.

2/11/46 • 35
BIDS WANTED—TO BE OPENED FEBRUARY 21, 3:30 P. M.
REPAIR PIER
SAN FRANCISCO. Embarcadero.
Repair damaged corner concrete deck and fender line on the south side of Pier 24.
Owner—Board of State Harbor Commissioners, Ferry Bldg, San Francisco.
Plans by engineering department of owner, Frank G. White, chief engineer.

Plans and specifications may be obtained from the above office of the owner upon deposit of $10.

37— RAILROADS, SUBWAYS & TUNNELS

2/11/46 • 37
BIDS WANTED
LOS ANGELES, Calif.—Until Feb. 26, 11 A. M., bids will be received by the U. S. Engineer Office, 751 S. Figueroa St., Los Angeles, for the sale of structural steel, consisting of one single span high truss bridge, narrow gauge railroad, 150-foot span without decking but with bolts, pins and tie rods, a total of 82 tons; Invitation No. 43.

2/11/46 • 37
APPROVAL SOUGHT
SAN BRUNO, San Mateo Co., Cal. —The City of San Bruno has applied to Highway District No. 10 of San Mateo County for construction of a 150-foot long tunnel in Huntington Canyon under the proposed extension of Junipero Serra Highway. The request was made recently by Mayor Edward McGuire at a conference held with Bert West, surveying engineer for the district.

Mayor McGuire and City Engineer C. L. White of San Bruno gave assurance that the city would construct a 400-foot road linking the tunnel's exit to Cedar Ave. At the same time, the mayor and city engineer urged two cloverleafs to reach the road extension, one at San Bruno Ave., the other on Crystal Springs Road.

38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

2/11/46 38
BIDS WANTED
RITZVILLE, Wash—Until Feb. 15, 11 A. M., bids will be received by the Big Bend Electric Cooperative, Ritzville, Wash., for the construction of 200 miles of single phase, 7200-volt distribution line, located in Adams and Franklin counties. Part of the material has been purchased. Plans and specifications may be obtained from the above office upon a $25 deposit.

2/11/46 • 38
BIDS WANTED
ORANGE COUNTY, Calif. — Until February 25, 2 P. M., bids will be received by the Department of Public Works, Division of Highways, district engineer, 808 State Bldg., Los Angeles, Calif., for performing work as follows:

Orange County, at the intersection of Coast Highway and Avenida Del Mar (VII-Ora-2-SCle), a traffic signal system to be furnished and installed.

Specifications obtainable from the above office.

2/11/46 • 38
BIDS WANTED
ONTARIO. San Bernardino Co., Calif.—Until Feb. 18, 8 P. M., bids will be received by the city council of the City of Ontario, office of the City Clerk, City Hall, Ontario, for installation of flood lighting along Euclid Ave., Ontario. The work includes installation of underground conduit.

2/11/46 • 38
FUNDS APPROPRIATED
NEWPORT BEACH, Orange Co., Calif.—The city council of the City of Newport Beach, City Hall, Newport Beach, has appropriated funds for construction of a 60-ft. drain across Bayside Dr., Newport Beach.

2/11/46 • 38
BIDS WANTED
DALY CITY, San Mateo Co., Calif. —Until February 11, 8:30 P. M., bids will be received by the Daly City Council, City Hall, Daly City, for furnishing a fire alarm system, consisting partly of new installations and partly of extension and improvements of the existing fire alarm systems of the Cit yof Daly City, San Mateo County, Calif.

Specifications obtainable from the above office.

2/11/46 • 38
LOW BIDDERS
SHOSHONE PROJECT, Wyoming. —The followng apparent low bids were submitted February 8 to the Bureau of Reclamation, Denver, Colo., under Spec. No. 1139 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Thermopolis, Wyo., at the option of the bidder, transformers, switches, etc., for Hot Springs County REA substation, Shoshone Project, Wyoming:

Schedule No. 1
Kuhlman Electric Corp. (1) $6882.50, (1a) $9101.08, (2) $89.71.

Schedule No. 2
Westinghouse Electric Corp., Denver, $2018.

Schedule No. 3
Menco Engineering & Manufacturing Co., $1517.25.

Schedule No. 4
Westinghouse Electric Corp. $725.76.

Schedule No. 5
General Electric Co, $613.32.

39—SEWERS

2/11/46 • 39
BONDS VOTED
LONG BEACH, Los Angeles Co., Calif—The City of Long Beach voted bonds February 5 in the amount of $4,000,000 to finance the use of the Metropolitan sewage system facilities by County Sanitation District No. 3. The proposition provides for the expenditure of $2,908,000 for the construction of trunk sewers and other work within District 3; $735,000 to pay for a 25% interest in the existing joint treatment plant and outfall line at White Point of the Metropolitan sewage district, and for $357,-000 as the district's 25% share of the cost of expansion of these facilities. The district includes most of Long Beach and Lakewood Village and an area south of Bellflower.

40— STREETS AND HIGHWAYS

2/11/46 39
TO ASK BIDS
MARYSVILLE, Wash.—Fred Haley, city engineer, City Hall, Marysville, Wash., will issue a call for bids about March 6 for an addition to sewer syste mat north end of Marysville; estimated cost, $25,000. Work will involve about 1¼ miles of sewer pipe and about 1 mile water main, including 10-in., 8-in. and 6-in. sewer pipes and 4-in. water pipe.

2/11/46 • 40
CONTRACT AWARDED
SOUTH GATE, Los Angeles Co., Calif.—Edgington Oil Refinery, 2400 Artesia, Long Beach at $9830 has been awarded contract by the Los Angeles Board of Education, 1425 S San Pedro St., Los Angeles, for asphaltic concrete yard surfacing at the San Gabriel Ave. elementary school, 8628 San Gabriel Ave., South Gate.

Specifications prepared by Architectural Section of the Board, A. S. Nibecker, Jr., architect, 1425 South San Pedro St., Los Angeles.

2/11/46 • 40
CONTRACT AWARDED
ARIZONA STATE HIGHWAY.—Tanner Construction Co., 731 N. Ave. 19, Phoenx, Ariz., at $824,994.03, was awarded contract by the Arizona State Highway Commission, 1739 W. Jackson St., Phoenix, for the improvement of the Flagstaff-Winslow Highway, FI 84 (4), Schedule 2, AFE 6670. The work involves 7 miles of grading, draining and paving, beginning about 7½ miles east of Flagstaff and extending easterly.

2/11/46 • 40
CONTRACT AWARDED
ARIZONA STATE HIGHWAY.—Fisher Contracting Co., 516 S. 7th St., Phoenix, Ariz., at $448,211.34, was awarded contract by the Arizona State Highway Commission, 1739 W. Jackson St., Phoenix, for the improvement of the Flagstaff-Winslow Highway, FI 84 (4), Schedule 1, AFE 6670. The work involves four miles of grading, draining and paving, beginning about three miles east of Flagstaff and extending easterly.

2/11/46 • 40
BIDS WANTED
LOS ANGELES, Calif. — Warren-Southwest, Inc., 2145 E. 25th St., Los Angeles, at $6,698.88, submitted low bid to the Los Angeles Board of Public Works, 153 City Hall, Los Angeles, February 6, for the application of asphaltic cement seal coating and the spreading of sand on approximately 1,339,775 sq. ft. of taxiways, loading apron, parking areas, service roads and gutters at the Los Angeles Airport; a cash contract; 90 days for completion.

The bids were:

Warren-Southwest, Inc., $6698.88.
Guerin Bros., $6966.83.
Oswald Bros., $8574.56.
Vinnell Co., $11,388.09.
Charles T. Brown, $12,727.86.
McClanahan & Mulleneaux, $13,-061.80.
Griffith Co., $13,129.80.
A. A. Velt, $14,737.56.
Williams Construction Co., $15,-943.32.
Nathan A. Moore, $19,091.79.

2/11/46 • • 40
BIDS OPENED
SAN FRANCISCO. — Eaton and Smith, 715 Ocean Ave., at $218,791 submitted low bid to the Public Works Office, Room 2110, Administration Bldg., San Francisco Naval Shipyard, San Francisco, under NOy 12825, Spec. 17015 for installation of additional paving which shall be used for streets, yards, piers and sidewalks at the San Francisco Naval Shipyard.

Complete bids were:

Eaton & Smith, $218,791.
Chas. L. Harney, $233,560.
Lowrie Paving Co., $269,600.
Fay Improvement Co., $299,000.

2/11/46 • 40
TO ASK BIDS
PHOENIX, Ariz.The city commission of the City of Phoenix, Ariz., has approved plans and specifications and authorized an immediate call for bids for the construction of paving and other improvements on portions of 19th and 20th. Ave., Granada and Monte Vista Rds., Palm Lane and Holly St., Phoenix. Plans and specifications were also approved for the construction of street improvements as follows:

(1) improve alleys in Lou Mar Vista, Encanto Vista, Loma Vista Place and 7th and Windsor Aves; estimated cost, $13,621;
(2) improve portions of Thomas Rd., Edgemont Ave., Windsor Ave., Cambridge Ave., Lewis Ave., Vernon Ave., 5th and 6th Aves., Wilshire Dr. and Encanto Blvd; estimated cost, $12,907.40.

2/11/46 • • 40
CONTRACT AWARDED
SAN FRANCISCO.—Chas. L. Harney, 625 Market St, at $2248 awarded contract by the Department of Public Works, Room 282, City Hall, for improvement of Pine Street, between Kearny and Stockton Streets.

2/11/46 • • 40
CONTRACT AWARDED
SAN FRANCISCO.—Chas. L. Harney, 625 Market St., at (1) $.35; (2) $1.25; (3) $2.50, total, $5050 awarded contract by the Department of Public Works, Room 282, City Hall, for improvement of 43rd Avenue, east half, between Ortega and Pacheco.

2/11/46 • • 40
CONTRACT AWARDED
SAN FRANCISCO.—Piombo Bros. & Co., 1571 Turk St., and Charles L. Harney, 625 Market Street, at $995 awarded contract by the Department of Publio Works, Room 282, City Hall, for sand removal on 39th Ave. bet. Taraval and Santiago Streets.

2/11/46 • 40
BIDS OPENED
DENVER, Colo.—Gardner & Eskredge, Glenwood Springs, Colo., at $48,021.60, submitted the low bid to the Colorado State Highway Department, A. F. Hewitt, state highway engineer, Denver, Colo., Feb. 5, for the construction of state highway project No. 49-64-501, gravel surfacing project, 1.477 miles long, located between Rangely and Wileys Resort, SH No. 64, in Moffat County, Colorado.

The three low bidders were:

Gardner & Eskredge, $48,021.60
U. S. Siegrist and Steinwald & Watts, $48,410.90.
Northwestern Engineering Co., $51,-36950.

41—GAS, WATER AND OIL PIPE LINES

2/11/46 • 41
CONTRACT AWARDED
EVERETT, Wash.—Kirk & Thomas, 326 Perkins Bldg., Tacoma, Wash., at $65,949 (reservoir water main only), submitted low bid and was awarded contract by Snohomish County Public Utilities District No. 1, A. Murray, manager, for construction of water system.

Other bidders were:

Superior Construction Co., 4610 37th Ave. SW., Seattle, $75,953; alternate, $80,507.

Matt Malaspina & Co., 1901 23rd Ave. S., Seattle, $79,813; alternate the same.

Thorburn & Logozo, 4608 36th Ave. SW, Seattle, $77,432; no alternate.

Valley Construction Co., 7708 Rainier Ave., Seattle, no basic bid; alternate, $82,036.

2/11/46 • 41
CONTRACT AWARDED
PROVO RIVER PROJECT, Utah.—Carl B. Warren, Pleasant Grove, Utah, at $442,751.50, awarded contract by the U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Provo, Utah, under Spec. 1131 for the construction of steel pipeline and concrete structures, station 457+16.42 to station 479+41.50, station 1040+76.36 to station 1178+97.50, station 1413+03.00 to station 1468+54.30, station 1613+03.00 to station 1634+01.30, and Provo River crssing, station 374+96 to station 375+85, Salt Lake Aqueduct, Aqueduct Division, Provo River Project, Utah. Works is situated between Provo and Salt Lake City.

(Continued on Page Four)

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Building Permits, Contracts---Recorded Notices

BUILDING PERMIT Applications $500 AND OVER

SAN FRANCISCO

ALTER funeral home, $19,000; NW Sutter and Pierce; owner, R and Ethel Schareteg, c/o cntr; contractor, J S Malloch, 666 Mission.

DWELLINGS, eight, 1-story frame, $6300 each; W 45th Ave 100, 125, 150, 175, 200, 250, 225 275 S Pacheco; owner and builder, Claude T Lindsay Co, 824 Taraval Street.

DWELLINGS, two 1-story frame, $5500 each; owner and builder, Bernard L Lewis, 1466 Waller.

HOME, 1-story frame, $5000; East 18th Ave 127 S Ulloa; owner, M P Muldoon, 421 33rd Ave.

ALTER bank, $4800; 5600 Geary; owner, Bank of America, 300 Montgomery St; contractor, Capital Co, 1 Powell St; plans by contractor.

DWELLINGS, four 1-story frame, $4500 each; NW 40th Ave and Ulloa, W 40th Ave 25, 50, 75 N Ulloa; owner, Atlas Realty Co, 1500 Judah; contractor, Pacific Coast Constr Co, 1500 Judah.

DWELLINGS, six 1-story frame, $4000 each; W 46th Ave 143, 168, 193 S Noriega; W 46th Ave 175, 150, 200 N Ortega; owner, Atlas Realty Co, 1500 Judah St; contractor, Pacific Coast Constr Co, 1500 Judah.

ALTER offices, $3500; SW Battery and Pine Sts; owner, Chas W Donohoe, c/o cntr; contractor, Ira W Coburn, 2048 Market.

ALTER rooming house, $2500; 1905 Van Ness; owner, Lewis A Marston, c/o cntr; contractor, Leonard Salomon, 1734 Broderick St.

ALTER dwelling, $2000; 340 Lombard; owner and contractor, Vernon Smith, 2126 Pierce St.

ALTER office, $1500; 144 2nd St; owner, Koret of Calif, prem; contractor, Hill & Smale, 586 6th Ave.

ALTER dwelling, $1100; 1655 27th Ave; owner and contractor, M Barde, premises.

ALTER flat and office, $1000; 1221-23-25 Webster St; owner, J E and E M Price, 1287 Turk St; contractor, Martinez & Calhoun, 1794 Sutter St.

SIGN, electric, $500; 240 Stockton St; owner and contractor, Foster and Kleiser, 1675 Eddy St.

YARD OFFICE, 1-story frame, $500; 266 Laguna Honda Blvd; owner, Jas H McFarland, 624 2nd Ave; contractor, same.

OAKLAND

DWELLING, 1-story 4-room, $4000; 3718 35th Ave; owner, E E Cropsey, 3214 Georgia St; contractor, W H Wisheropp, 584 Grand Ave.

ALTER and repairs, $900; 545 MacArthur Blvd West; owner, Minnie Held, premises; contractor, Wiggins & Marsh, 3124 E 14th St.

DWELLING, 1-story 5-room, $6300; 10329 Foothill Blvd; owner, Hutchinson Realty Co, 9774 Mountain Blvd; contractor, Glenn Bunker, 8441 Encina Ave.

ALTERATIONS, $5000; 47 E 14th St; owner, E H Showning, H W Burke, prem; contractor, H Rodde Rte 1 Box 174C, Walnut Creek.

REPAIR fire damage, $1500; 3757 35th Ave; owner and contractor, Henry Nylund, premises.

ALTERATIONS, $500; 6029 Hillegass Ave; owner and contractor, Nora Watkins, premises.

REPAIRS, $1500; 1123 Clarendon Crescent; owner, D Edwards, 1123 Clarendon Crescent; contractor, S S Heaton, 630 Kenwyn Road.

APARTMENTS, two-story 20-room, $26,000; 1345-7-9-51 E 28th Street; owner and builder, T T Laughlin, 2643 Carisbrook Dr.

SERVICE Station, 1-story concrete, $9000; 657 MacArthur Blvd; owner and contractor, Signal Oil Co, 2801 Blanding Ave, Alameda.

FRESNO

GARAGE, $800; 2029 F St; owner, Jas Mayfield.

DWELLING and garage, $7000; 1103 Glenn; owner, H E Pries.

GARAGE, $800; 2244 Princeton; owner Laurence R Taylor.

BUSINESS Bldg, $15,000; 755-59 M St; owner, V Z Haven and Don Dueke; contractor, Lassen - Ratto Construction Co.

DWELLING, $2000; 2340 Tyler St; owner, Chas F Pearson.

ADDN to dwelling, $600; 4660 Grant; owner, Elmer Morgan.

DEMOLISH dwelling, $500; 1821 El Dorado; owner, Tony Ventrella.

FRESNO

ALTER ROOMS AND STORE, $11,000; 909 G St; owner, Harold Mar; builder, Ed Tribie.

ADD TO CHURCH, $18,000; 1936 D St; owner, Mt Pleasant Baptist Church.

BUILDING PERMITS Granted $500 AND OVER

SAN FRANCISCO

FEBURARY 8, 1946

DWELLING, 2-story frame, $11,250; E Moncada Way 165 N Paloma; owner, I Baldwinson.

ALTER bldg, $500; 1960 Folsom St; owner, Watson & Meehan.

ALTER stores, $2000; 349 Market; owner, J Shostak.

DWELLINGS, two 1-story frame, $5600 each; N Duncan St 96.11, 70.30 W Douglas St; owner, Hubert A Crocker.

ALTER store, $2000; 1328 Stockton St; owner, Servadei Appliance.

ALTER store, $4000; 1177-81 Market St; owner, J M Long.

ALTER offices and store, $1500; 675 Market St; owner, Lauriston Investment Co.

ALTER flats, $560; 257 Page Street; owner, A R Bandini.

Completion Notices

SAN FRANCISCO

Recorded Accepted

Feb. 8, 1946—E 32nd Ave 275 S Ulloa. G E and Erna Carlson to G E Carlson..........Feb. 7, 1946

Feb. 6, 1946—2238-42 43rd Ave; 4626-32 Ulloa; 4108-14-20-35 Pacheco. Lindell Co to Claude T Lndsay..........Feb. 6, 1946

Feb. 8, 1946—626-28-32-34 14th Ave. Ruth Pelsinger to Gilbert L Plov..........Feb. 7, 1946

ALAMEDA COUNTY

Recorded Accepted

Feb 8, 1946—LOTS 1 to 6 incl Blk 7, Tract 697, Eden Twp. Greenwood Corp to D D Bohannon Organization..........February 1, 1946

Feb 7. 1946—SECTION HOUSE No 1, Section No 6, Berkeley. S P Co to S H Koller....February 6, 1946

Feb 7, 1946—TRACKS 19, 20 and 21, West Oakland. Southern Pacific Co to Ransome Company..........February 1, 1946

Feb 7, 1946—PLATFORM, Oakland Pier. Southern Pacific Co to Ransome Co..........February 6, 1946

Feb 7, 1946—RIGHT OF WAY Fence, bet Sunol and Pleasanton. Southern Pacific Co to S H Koller..........January 29, 1946

Feb 7, 1946—TRACK CROSSING 23rd Ave, Oakland. Southern Pacific Co to Ransome Company..........February 1, 1946

Non-Responsibility

SAN FRANCISCO

Feb. 6, 1946—SE Post and Powell E 162.6 x S 137.6, Mary E, Marion E and Wm M Fitzhugh Jr as to improvements on property.

ALAMEDA COUNTY

Feb 7, 1946—PTN LOT 18 Block L, Bray Tr, Oakland. Esther Filer as to improvements on property.

Liens Filed

SAN FRANCISCO CITY

Recorded Amount

Feb. 8, 1946—Labor and materials, SW Kirkwood Ave and NW Mendell, etc, NE La Salle Ave thence NE and parallel with SE line 388, 539, etc, being ptn C S De Bernal Map. Jack Bobron vs Pio and Lidia Stefanuto and C E Daly..........$450.00

Feb. 8, 1946—Labor and materials, SW Kirkwood Ave and NW Mendell, etc, NE La Salle Ave thence NE and parallel with SE line 388, 539, etc, being ptn C S De Bernal Map. R J Gehring and Frank A Egnell, doing business as Service Lumber Co vs Pio and Lidia Stefanuto and C E Daly..........$1049.30

Feb. 8, 1946—Labor and materials, SW Kirkwood Ave and NW Mendell, etc, NE La Salle Ave thence NE and parallel with SE line 388, 539, etc, being ptn C S De Bernal Map. Frank and Guido Menicucci, doing business as Arc Electric Co vs Pio and Lidia Stemanuto and C E Daly..........$273.00

Feb. 8, 1946—Labor and materials, SW Kirkwood Ave and NW Mendell, etc, NE La Salle Ave thence NE and parallel with SE line 388, 539, etc, being ptn C S De Bernal Map. C E Reinhart, doing business as C E Reinhart & Co vs Pio and Lidia Stefanuto and C E Daly..........$498.02

Feb. 8, 1946—Labor and materials, SW Kirkwood Ave and NW Mendell, etc, NE La Salle Ave thence NE and parallel with SE line NE and parallel with SE line 388, 539, etc, being ptn C S De Bernal Map. Fred Ferrando, doing business as F Ferrando & Co vs Pio and Lidia Stefanuto and C E Daly..........$475.55

Feb. 8, 1946—Labor and materials, SW Kirkwood Ave and NW Mendell, etc, NE La Salle Ave thence NE and parallel with SE line 388, 539, etc, being ptn C S De Bernal Map. G H & C Martinelli vs Pio and Lidia Stefanuto and C E Daly..........$275.00

Feb. 8, 1946—Labor and materials, SW Kirkwood Ave and NW Mendell, etc, NE La Salle Ave thence NE and parallel with SE line 388, 539, etc, being ptn C S De Bernal Map Sinar Johnson vs Pio and Lidia Stefanuto and C E Daly..........$201.20

Electrical Permits

SAN FRANCISCO

8457 461 2nd St; owner and contractor, Schmidt Lithograph; ....

8458 278 Post St; owner, Clara Brown; contractor, Industrial Marine Electric & Eng Co; 8 outlets; 5 plugs.

8459 to 8474 Various locations and owners; contractor, Apex Electric Co; signs.

8475 86 3rd St; owner, Ruce; contractor, M Schimetschek; alterations.

8476 221 Powell; owner, Townsend's; contractor, M Schimetschek; alterations.

8478 831 Van Ness Ave; owner, McDonald; contractor, M Schimetschek; alterations.

8479 2929 16th St; owner; Monty's; contractor, M Schimetschek; 2 plugs.

8480 180A Carl St; owner, Barber; contractor, M Schimetschek; ....

8481 55 Union; owner, Volkmann; contractor, Buzzell Electric; motors.

8482 14 Otis St; owner, California Casket Co; contractor, Buzzell Electric; service; motors.

8483 340 3rd St; owner, Villanova Cafe; contractor, W H Kirsten; 1 plug.

8484 500 Sutter; owner, Sutter-Powell Barbeque; contractor, W H Krsten; 1 plulg.

8485 1751 Fulton; owner, Fulton Inn; contractor, W H Krsten; 1 plug.

8426 New Montgomery and Mission; owner, Foster's; contractor, California Electric Const; ....

8487 Eddy and Jones; owner, Foster's; contractor, California Electric Const; ....

8488 50 Laurel St; owner, Frank B King; contractor, Otis Elevator Co; motors.

8489 Grant Ave and Maiden Lane; owner, Hale Bros; contractor, Otis Elevator Co; motors

8490 506 Broadway; owner, Finnochio Club; contractor, United Studios; ....

8491 2900 Fulton; owner, McKinley's Market; contractor, Columbia Electric; alterations.

8492 5012 3rd St; owner, J & J Liquor Store; contractor, Columbia Electric; 1 outlet; motors.

8493 936 Market; owner, Mr Wann; contractor, Chas A Langlais Co; 1 plug; motors.

8494 Post and Stockton; owner, Pacific States Loan Co; contractor, Chas A Langlais Co; motors.

8495 37 Post; owner, Crocker Estate Co; contractor, Chas A Langlais Co; ....

8496 4700 Geary Blvd; owner, Backtron Motor; contractor, Ace Electric Co; 9 plugs.

8497 S Greenwich 100 W Gough; owner, Rousseau; contractor, Strom & Smith; ....

8498 355 17th Ave; owner, F Isaacson; contractor, Strom & Smith; 1 outlet; 1 switch; 4 plugs

8499 1546 Grant Ave; owner, P Scombelloni; contractor, G Vaccarino; 9 outlets; 4 switches; 2 plugs; service.

8500 1005 Fillmore; owner, ...; contractor, Associated Electrical & Mech Co; ....

8501-8503 2091-87-83 31st Ave; owner, Lindsay; contractor, Adams Electric; 10 outlets; 10 switches; 13 plugs; service.

8504 1401 Valencia; owner, Pat Wallace; contractor, Adams Electric; ....

8505 1123 Sutter; owner, Halstead & Co; contractor, Decker Electrical Const; ....

OAKLAND

35351 496 Lake Park; owner, Captol Co; contractor, Pacific Electric & Mech Co; 25 outlets; 10 switches; 25 fixtures; alterations.

35352 1647 8th St; owner, Charley Bell; contractor, Electric Novelty Shop; 3 outlets; 1 switch; 2 plugs; alterations.

35353 N side MacArthur 50 W of Grove; owner and contractor, Foster & Kleiser Co; 3 outlets; 1 switch; 3 fixtures.

35354 4638 Geranium; owner, Lincoln; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

35355 2831 Suter; owner, Olaf Johnson; contractor, Collins Electrc; outlets; switches; fixtures; plugs.

35356 5415 E 14th St; owner, ...; contractor, Collins Electric; outlets; switches; fixtures; plugs; alterations.

35357 2333 Fruitvale Ave; owner, Kahnke; contractor, Collins Electric; outlets; switches; fixtures; plugs.

35358 2708 MacArthur; owner, Mr Stanton; contractor, James Anderson; alterations.

35359 9714 E 14th St; owner, Benny's Barber Shop; contractor, C A Langlais Co; 3 fixtures.

35360 5509 Shattuck Ave; owner, ...; contractor, C A Langlais Co; 1 fixture.

35361 462 8th St; owner, Home Modernization; contractor, Clifford Electric; alterations.

35362 2825 Union St; owner, W C Tait; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35363 7415 Deerwood; owner, Dowling; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

35364 5662 Keith Ave; owner, Merill Plumbing Co; contractor, Paramount Electric; outlets; switches; plugs; motors.

35365 1110 Broadway; owner, Bradford; contractor, Western Neon Corp; signs.

35366 900 High St; owner, L A Young; contractor, Pacific Electric Motor Co; alterations.

35367 113 10th St; owner, Scott Co; contractor, Pacific Electric Motor Co; 1 hp motor.

35368 3925 Alameda; owner, Plant Construction; contractor, Pacific Electric Motor; 32 outlets; 8 switches; 32 fixtures.

35369 315 Franklin St; owner, E O Austin; contractor, T L Rosenberg; alterations.

35370 808 Broadway; owner, Simon's Hardware Co; contractor, T L Rosenberg Co; 5 plugs.

35371 foot of Grove St; owner, Port of Oakland; contractor, T L Rosenberg; outlets; switches; fixtures; plugs.

35372 3040 Broadway; owner, Commercial Auto Painting; contractor, Spott Electrical; alterations.

35373 234 2nd St; owner, Noll Manufacturing; contractor, Spott Electrical; 2 motors.

35374 3400 San Pablo Ave; owner, McCollum Mortgage Co; contractor, Spott Electrical; outlets; switches; plugs; new service.

Engineering Section

(Continued From Page Three)

41—GAS, WATER AND OIL PIPE LINES

2/11/41 • 41

BIDS WANTED

SAN DIEGO, Calif.—Until Feb. 20, 11 A. M., bids will be received by the U. S. Navy, Public Works Department, 11th Naval District, 1220 Pacific Highway, San Diego, for the furnishing of all necessary materials and equipment, and performing all labor for the installation of automatic wet pipe sprinkler systems, and fire retarding partitions in each of the existing one-story frame buildings Nos. 74 and 108; Spec. No 17495.

Work involves concrete construction, sheet metal work, plastering, sprinkler system, electrical work, field painting, and other miscellaneous related work.

Specifications may be obtained from the above office upon deposit of check or postal money order for $10, payable to Chief of Bureau of Yards and Docks.

2/11/46 • 41

PERMISSION GRANTED

LOS ANGELES, Calif.—The California Railroad Commission, Feb. 5, granted permission to the Southern California and Southern Counties Gas companies, 810 S. Flower St., Los Angeles, for the construction of a gas pipeline for a distance of 1206 miles to pipe natural gas from Texas into Southern California via Blythe, Riverside County. As previously reported, the project calls for the construction of a 26-inch, 214-mile pipeline from Blythe to Santa Fe Springs, Calif., and construction of a 10,000 h.p. compressor station at Blythe to pump the gas over the mountainous regions. The proposed line will have a daily capacity of 175,000,000 cubic feet of gas to start and ultimately a capacity of 305,000,000 cubic feet. The plans call for the construction of the line at Blythe with a 720-mile line to be laid by the El Paso Natural Gas Co., El Paso, Texas, from the Panhandle in West Texas to the point of proposed construction of the California line. Cost of the entire project is estimate at $66,000,000.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

- Misc. Supplies & Materials 42
- Machinery and Equipment 43

42— MISC. SUPPLIES AND MATERIALS

2/11/46 •• 42

BIDS OPENED

SACRAMENTO, Calif.—The following submitted bids to the State Purchasing Agent, Sacramento, for materials as follows:

REQ. 104145, QUO. 34413:

Blake Bros., Richmond, $1.45, $1.45, $1.50, $1.40.

Discount 10 cents per ton 10th, plus 20 cents per ton for unloading; awarded.

Hutchison Co., El Cerrito, bid the same.

QUO. 34414, REQ. 104146:

Sheldon Oil Co. only bidder.

Alternate A, $3 per ton plus $.50 for unloading; alternate B, $3.40 Rio Vista, $3.92 Isleton, and $4.27 Denverton; awarded.

2/11/46 • 42

BIDS WANTED

NEAR OXNARD, Ventura Co., Calif.—Until a date to be announced later, bids will be received by the Office of Defense Plants, a subsidiary of War Assets Corp., attention Mr. Theuer, Room 200, 727 W. 7th St., Los Angeles, for the sale and removal of surplus government-owned buildings at the Mira Loma Flight Academy near Oxnard.

The buildings are available for bids on a group bases—not separately. The buildings consist of 36 barracks buildings, 28x32 feet in area, each with 8-foot ceilings; two 16x30 feet in area storage buildings; one kitchen-recreation-messhall building containing 18,400 square feet; one administration-hospital-academic building containing 9000 square feet, and a small gate house.

All buildings are of frame construction with concrete foundations and floors, wood shingle roofs, stucco exteriors, wood interior finish (except three small buildings). Plumbing, heating and wiring are included.

Structures to be sold as a group because the buyer will be obligated to restore the grounds to original condition as farmland, a costly operation. Work involves destruction of concrete walks, pavements and floors, as well as excavation of sewers and plumbing. For this reason WAC reserves the right to reject any or all bids.

The property is located about one mile from Oxnard on U. S. Highway 101 Alternate.

2/11/46 42

BIDS WANTED

WEST LOS ANGELES, Los Angeles Co., Calif.—Until February 19, 1:30 P. M., bids will be received by the Veterans' Administration, Los Angeles 25, for furnishing (1) 1200 prefabricated acoustical units, 12x12x1-in., tinted white, nonperforated; (2) 8 gallons mastics used in applying acoustical units, delivery f.o.b. Soldiers' Home, West Los Angeles; Invitation No. 46-495.

2/11/46 • 42

BIDS WANTED

SAN FRANCISCO.—Until March 1, 3 P. M., bids will be received by M. H. Gerry, purchaser of supplies, 270 City Hall, San Francisco, under Bid No. 9809 for furnishing and delivering stationery for the fiscal year 1946-47.

Specifications obtainable from the above office.

2/11/46 •• 42

BIDS WANTED

SACRAMENTO, Calif.—Bids will be received by the State Purchasing Agent, Sacramento, for materials as follows:

February 13

QUO. 35200, REQ. G-32305:

15,000 gallons asphaltic emulsion, penetration type, delivered storage tank at Nevada City maintenance station or picked up at vendor's plant, local to Marysville or Yuba City.

QUO. 32766, REQ. 401-372:

One 550-gallon underground gas storage tank, galvanized, 14-gauge, for Mt. Diablo State Park.

February 18

QUO. 35506, REQ. 3809:

One 10-ft. material spreader, Buckeye or equal, for Redding, via freight.

QUO. ...., REQ. 26264:

Two power brooms mounted on pneumatic-tired 4-wheel trailers and driven by a 4-cylinder gas engine; two extra brooms, complete, for the above sweepers, for Eureka, via freight.

REQ. 3808:

Two power brooms mounted on pneumatic-tired 4-wheel trailers and driven by a 4-cylinder gas engine, for Redding, via freight.

2/11/46 • 42

BIDS WANTED

LOS ANGELES, Calif.—Until Feb. 11, 12 M., bids will be received by the Los Angeles County Purchasing Agent, 1660 Eastlake Ave., Los Angeles, for 250 tons distintegrated rock, class A, delivered vicinity of Atlantic Ave. and Compton Blvd.; Quot. 7566.

2/11/46 • 42

BIDS WANTED

SAN FRANCISCO—Until February 15, 2 P. M., bids will be received by the U. S. Treasury Department, Procurement Division, 821 Market St., San Francisco 3, under Inv. No. SF-2796-46 for furnishing 100 pads, calendar; refill, for year 1946, folding type, 3-in. x 3¾-in., with 2 holes punched at top of pad 1⅛-in. center to center, equal distance from each side of page and ⅜-in. from center of hole to top of page; substance 32, equal to handy No. 1 or success No. 14. Delivered to 650 5th St., San Francisco.

43— MACHINERY AND EQUIPMENT

2/11/46 • 43

CONTRACT AWARDED

MIRAGE FLATS PROJECT, Neb.—The Bureau of Reclamation, Denver, Colo., has awarded contracts for furnishing one adjustable weir with 24-inch handwheel lift frame and rubber belting; one 8x5-ft. radial gate with 5-in. diameter rollers, pin bearings and 10-in. wall plates without butt splices and one 3000-lb. capacity manually operated radial gate hoist, complete, for installation in the Sturgeon later at Peter's lateral turnout, station 116 plus 24, Mirage Flats Project, Nebraska; Specification No. 1137, as follows:

Gabriel Fabricating & Erection Co., Portland, Ore., (2) $640.

John W. Beam, Denver, Colo., (1) $575.

2/11/46 • 43

BIDS WANTED

SAN MATEO, SANTA CRUZ and SANTA CLARA COUNTIES, Calif.—Until February 15, 3 P. M., bids will be received by the district engineer, John H. Skeggs, Division of Highways, 2001 Van Ness Ave., San Francisco, for the rental of one or two (1 or 2) bituminous distributors and one (1) bituminous tank trailer to be used in conjunction with either distributor for approximately 250 hours of work each at variable locations in San Mateo, Santa Cruz and Santa Clara counties for weed spraying and spread liquid asphalt.

Specifications obtainable from the above office.

2/11/46 • 43

BIDS WANTED

BERKELEY, Alameda Co., Calif.—Until Februar y20, 8 P. M., bids will be received by the Board of Education of the City of Berkeley, John L. Poulsen, assistant secretary, Administration Bldg., 1414 Walnut St., Berkeley, Calif., under Schedule No. 147 for furnishing one new fluid duplicator to and purchasing old "Multigraph" duplicating equipment from said district.

Specifications obtainable from the above office.

Prospective Bidders

Chevrolet Agency, W. 4th St., San Rafael

BIDS: Architect C. F. Gromme, Alberts Bldg., San Rafael, February 15, 5 P. M.

Younger Construction Co., 575 Mission St., San Francisco.

Litchfield Construction Co., 721 Francisco Blvd., San Rafael.

John Rocca.

Charles E. Warner, 9 Antoinette Ave., San Rafael.

Peter Sartorio, 262 Clementina St., San Francisco.

De Luca & Son, 1745 Filbert St., San Francisco.

C. F. Betz, Sausalito (Sausalito 1178).

Frozen Food Locker, Greenfield Avenue, San Anselmo, Calif.

BIDS: J. J. Ongara, c/o Architect C. F. Gromme, Alberts Bldg., San Rafael, February 14, 5 P. M.

Gaither & Boe, 421 Alameda Rd., San Anselmo.

Peter Sartorio, 262 Clementina St., San Francisco.

Younger Construction Co., 575 Mission St., San Francisco.

De Luca & Son, 1745 Filbert St., San Francisco.

Litchfield Construction Co., 721 Francisco Blvd., San Rafael.

E. P. Merritt, 102 Rialto Bldg., San Francisco.

Kavanagh, Novato.

Residence, Merced Ave. near Garcia, San Francisco, Calif.

BIDS: Mr. Elrego, c/o Architect John J. Foley, 770 5th Ave., San Francisco, February 14, 5 P. M.

M. J. King, Inc., 231 Franklin St.

Ed Zinkand & Son, 667 36th Ave.

Jack Callaghan, 900 Clayton St.

Improve Landing Field, St. George, Utah

BIDS: Civil Aeronoutics Administration, 1500 4th St., Santa Monica, February 18, 10 A. M.; Pro. 6-46-129.

Brown Construction Co., Pueblo, Colo.

W. W. Clyde, Springville, Utah.

Gibbons & Reed C., 259 W. 3rd S., Salt Lake City, Utah.

Vinnell Co., 1145 Westminister Ave., Alhambra, Calif.

Carl E. Nelson, Logan, Utah.

Olof Nelson Construction Co., P. O. Box 267, Logan, Utah.

Wickey Engineering & Construction Co., Field House, College Hill, Logan, Utah.

Garn L. Moody, P. O. Box 469, North Hollywood.

Utah Construction Co., 1 Montgomery St., San Francisco.

Store Building, Valencia near Duvoce Ave. San Francisco, Calif.

BIDS: Kunst Bros., 1035 Mission St., c/o Architect John J. Foley, 770 5th Ave., San Francisco, February 14, 5 P. M.

M. J. King, Inc., 231 Franklin St., San Francisco.

Ed Zinkand & Son, 667 36th Ave., San Francisco.

Jack Callaghan, 900 Clayton St., San Francisco.

Theater Building, Salinas

BIDS: Architect Francis E. Lloyd, 210 Post St., San Francisco, Feb. 18, 4 P. M.

Erbentraut & Summers, 446 Sixth St., San Francisco.

Howson Brothers, Gilroy.

Carl N. Swenson Co., 335 Stockton Avenue, San Jose.

Shops Building, Junior College Site, Peninsular Ave. and Delaware St., San Mateo, Calif.

BIDS: San Mateo Junior College District, business office, San Mateo Junior College Science Bldg., San Mateo, February 13, 8 P. M. Plans prepared by Architect Harry A. Thomsen Jr., 315 Montgomery St., San Francisco.

C. L. Wold Constr. Co., 4412-4416 Fulton St., San Francisco.

MacDonald, Young & Nelson, 127 Montgomery St., San Francisco.

Monson Brothers, 475 Sixth St., San Francisco.

Midstate Constr. Co., 1290 Bush St., San Francisco.

James I. Barnes Constr. Co., 941 Russ Bldg., San Francisco.

Sheet Metal Shop, 22nd and S Sts., Sacramento

BIDS: Architect Gordon Stafford, Insurance Bldg., [illegible] K St., Sacramento, February 15, 4 P. M.

Campbell Constr. Co., 800 R St., Sacramento.

Lawrence Constr. Co., 3030 V St., Sacramento.

Holdener Constr. Co., 2606 R St., Sacramento.

Chas. F. Unger, 2428 Seventh Ave., Sacramento.

H. W. Robertson, 2917 T St., Sacramento.

Central California Constr. Co, 116 Erie St., San Francisco.

Track and Telephone Line Relocation, Idaho Northern Branch, Oregon Short Line Railroad

BIDS: Bureau of Reclamation, Boise, Idaho, February 28, 10 A. M.

Nat McDougall Co., Sherlock Bldg., Portland.

Max J. Kuney Co., N 120 Ralph, Spokane.

Vernon Brothers, 8th and Orchard Avenue.

M. K. Engineering Co., Inc., Albany, N. Y.

Wixon-Crowe, Redding, Calif.

Condon - Cunningham Co., Omaha, Nebraska.

Sheet Metal Shop, 22nd and S Sts., Sacramento

BIDS: Architect Gordon Stafford, Forum Bldg., Sacramento, February 15, 4 P. M.

Transwestern Construction Co., 1402 Front St., Sacramento.

EMPLOYMENT SERVICE

For further information regarding positions listed under this classification address Newton D. Cook, Manager, Engineering Societies' Personnel Service, 57 Post St., San Francisco.

ARCHTL. DRAFTSMAN, for work on precision-built homes. Sal. open. San Mateo County. S-570. Newton D. Cook, 57 Post St, San Francisco.

ACOUSTICAL ENGR. for estimating and selling. Sal. open. Perm. San Francisco. S-566. Newton D. Cook, 57 Post St., San Francisco.

ARCHTL. DESIGNER with several years exper. on the drawing board for construction company. Sal. open. San Francisco. S-573. Newton D. Cook, 57 Post St., San Francisco.

ARCHTL. DESIGNER. exper. on industrial work. Sal. $400-450 month. San Francisco. S-471. Newton D. Cook, 57 Post St., San Francisco.

MECHL. DESIGNER, for layout and details of can making machines and conveyors. Exper. required. Sal. open. San Francisco. S-537. Newton D. Cook, 57 Post St., San Francisco.

DRAFTSMAN with some exper. on piping and conc. foundations. Salary open. San Francisco. S-575. Newton D. Cook, 57 Post St., San Francisco.

SALES ENGR., exper. in food and beverage processing and packaging, for established agency. Salary open. San Francisco. S-494. Newton D. Cook, 57 Post St., San Francisco.

ENGRG. AIDE, for computing, drafting and typing in hydrographic office. Salary to start $181 month. East Bay. S-574. Newton D. Cook, 57 Post St., San Francisco.

DRAFTSMAN, structl. or archtl., exper. Salary open. Oakland. S-516. Newton D. Cook, 57 Post St., S. F.

STRUCTL. DESIGNER,, exper. on preparation of stel and concrete design drawings. Sal. open. S. F. S-580. Newton D. Cook, 57 Post St., S.F.

MECHL. DRAFTSMAN, exper. on conveyor layout and details. Salary $300-$350 mo. San Francisco. S-487. Newton D. Cook, 57 Post St., San Francisco.

CIVIL ENGINEER, 30-35 yrs. old, stream gaging exper., as asst. water master. Salary to start $300 month. San Joaquin Valley. S-554. Newton D. Cook, 57 Post St., San Francisco.

MECHL. DESIGNER, exper., to design and develop special woodworking machinery. Perm. Salary open. Northern California. S-547. Newton D. Cook, 57 Post St., San Francisco.

Official Proposal

Proposal No. 1713—
Ford or Chevrolet Sedans

NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512 16th Street, Oakland, California, until 5:30 P. M., Wednesday, Feb. 20, 1946, and will at that hour be opened for furnishing six NEW LATEST MODEL 8-CYLINDER FORD or 6-CYLINDER CHEVROLET SEDANS, as per specifications.

Proposal No. 1713 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL READ,
Secretary

Oakland, California.
February 8, 1946.
(Daily Pacific Builder)
(February 11, 1946)

Pro. No. 1712—Disc Water Meters
NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512 16th Street, Oakland, California, until 5:30 P. M., Wednesday, Feb. 20, 1946, and will at that hour be opened for furnishing approximately 2500 ⅝ - inch x ¾ - inch DISC WATER METERS, as per specifications.

Proposal No. 1712 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL READ,
Secretary

Oakland, California.
February 8, 1946.
(Daily Pacific Builder)
(February 11, 1946)

Pro. No. 1711—Gate Valves

NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512 16th Street, Oakland, California, until 5:30 P. M., Wednesday, Feb. 20, 1946, and will at that hour be opened for furnishing nine GATE VALVES, as per specifications.

Proposal No. 1711 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL READ,
Secretary

Oakland, California.
February 8, 1946.
(Daily Pacific Builder)
(February 11, 1946)

Pro. No 1709—Oil Circuit Breaker

NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512 16th Street, Oakland, California, until 5:30 P. M., Wednesday, Feb. 20, 1946, and will at that hour be opened for furnishing one OIL CIRCUIT BREAKER, Outdoor Type, as per specifications.

Proposal No. 1709 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL READ,
Secretary

Oakland, California.
February 8, 1946.
(Daily Pacific Builder)
(February 11, 1946)

Pro. No. 1706—Transformers

NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512 16th Street, Oakland, California, until 5:30 P. M., Wednesday, Feb. 20, 1946, and will at that hour be opened for furnishing approximately three 500 KVA OUTDOOR TRANSFORMERS, as per specifications.

Proposal No. 1706 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL READ,
Secretary

Oakland, California.
February 8, 1946.
(Daily Pacific Builder)
(February 11, 1946)

LS-347—CI Pipe Fittings

NOTICE TO CONTRACTORS

Sealed proposals will be received at Room 205 of the office of the East Bay Municipal Utility District, 512 16th Street, Oakland, California, until 5:30 P. M., Wednesday, Feb. 20, 1946, and will at that hour be opened for furnishing 3755 cast iron and spigot water pipe fittings of 4- to 12-inch diameters.

Specifications (No. LS 347) may be obtained upon application at Room 406 of the office of the District.

DANIEL READ,
Secretary

Oakland, California.
February 7, 1946.
(Daily Pacific Builder)
(February 11, 1946)

Bibliography

(Continued from Page One)

ment, with 28 titles, and miscellaneous, with 58 titles.

The reports described in the listings contain information on scientific and technical developments, processes, products, inventions, and related matters of potential interest to American science and industry. This information previously was subject to security restrictions but has now been released for distribution by OPB.

Among the reports listed and described in the second issue are 324 research reports, written by chemists in the employ of the I. G. Farbenindustrie, and covering several years' activity in many fields of chemical research in ten plants of the large German cartel. A comprehensive economic survey of the I. G. Farbenindustrie, covering light metals, dyestuffs, pharmaceuticals, insecticides, synthetic rubber, and other products, also is described in the second issue of the bibliography.

NAREB Plans

(Continued from Page 1)

The Association also pointed out that price ceilings on houses will retard construction of new units. Veterans also would be discriminated against under the Patman bill ceilings, since if he buys a house, he would be held to the ceiling price if compelled for any reason to sell. Meanwhile, any other owner who has not made a first sale would be free to demand any price he could get, it declared.

"How will the veteran feel when he is held to his original price but his neighbor can sell for 10 or 20 per cent more?" the NAREB asked.

Under the proposal for a six-months' "holiday" on building restrictions, all price and wage restrictions on production of materials, construction or sale would be lifted for a period starting May 1. During that period, a limitation of profit to 10 or 12 per cent would be fair to prevent profiteering, the Association said. An added restriction on the resale of homes started during the holiday also might be imposed, which would prevent increase in the resale price for a period of at least one year after the first sale.

In addition, the Association said, priority ought to be given for veterans on existing rental property where an eviction is justified by conditions of a lease or local custom and law. Low income veterans also ought to be gven a chance to take over public housing units now occupied by families with incomes higher than the ordinary occupancy restrictions for such projects.

"If the building and real estate industries and veterans were allowed to proceed along these lines instead of being more and more restricted, we could build ourselves out of the shortage in a hurry, and veterans would get dwellings faster," the Association said.

Classified Advertising

WANTED

ESTIMATOR with Building exp. or Engineering training. State previous exp. and education. Good future for ambitious young man. Reply Box 180 c/o Daily Pacific Builder. (tf)

BLDG. CONSTR. SUPT., good future. State experience and references. Reply Box 14, c/o Daily Pacific Builder. tf

Experienced ESTIMATOR for general contractor. Experienced in take-off and estimating of industrial buildings and heavy construction. Location, Sacramento. Salary open. Send particulars to Box 29, c/o Daily Pacific Builder. to 2/21/46

POSITION WANTED

POSITION WANTED

SALESMAN, familiar with plans and detail all building lines, desires connection. Reply Box 28, co Daily Pacific Builder. to 2/18/46

CONSTRUCTION MAN, 20 years' exper., age 42; houses, stores, industrial, frame reinforced concrete. Estimating. Bid Supervision; 8 years construction material exp. For interview: H. Hines, Box 943, Concord, Calif. (to 2/12/46)

Exp. all-round CONSTRUCTION SUPT. holding Class A California Contractor's License, desires connection with general contracting firm in Bay district. Write to 215C S. American St., Stockton, Calif., or phone 2-4663. (2/5-6-7-8-11/46)

HELP WANTED

ESTIMATOR with PAINTING CONTRACTING EXPERIENCE. Apply 2019 Blake St., Berkeley. Phone AShberry 1616. to 2/21/46

FOR RENT

FENCED LOT, suitable for contractor's storage; 2 frontages; Bryant St. near 3rd. Rent $35 per month. EIk. 4253. to 2/15/46

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LARGEST CONSTRUCTION DAILY IN THE WEST

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Fifty-sixth Year—Vol. 56—No. 30 SAN FRANCISCO, TUESDAY, FEBRUARY 12, 1946 PRICE 15 CENTS PER COPY

PLANS and Speculations

Yolo: Preliminary plans for a 2-room addition to the new Cacheville Elementary School building are being drawn by Chas. Dean, Sacramento architect. . . Plans for a new Masonic hall are being discussed. Both the hall and the old Cacheville school were destroyed by fire January 7.

oOo

Kentfield: Work on a new residential subdivision in the Kentfield district will get underway as quickly as the Planning Commission approves the plans and grading equipment and building materials can be assembled. The developer is George C. Goheen, head of the Marin Capital Co. The property comprises four acres on the east side of Wolfe Grade near the Sir Francis Drake highway intersection.

oOo

Paso Robles: Plans for the first major industrial plant were announced recently. Within a short time a modern three-story steel and concrete factory building will be erected to serve as a processing plant for almonds and walnuts. Plans for the half-million dollar project were revealed by Frank P. and Lou Slate of the Slate Almond Company.

oOo

San Mateo: Development of 5th Avenue as the city's newest business district appeared in prospect as the Parrott Investment Company moved to complete commercial zoning of the Payson Tract. The property involved contains 10 lots on the north side of 5th Ave., all fronting on Central Park. . . L. D. Bourkey of the Frozen Food Company has applied for a permit to erect a $24,000 commercial structure at San Mateo Drive and Poplar Avenue. . Wm. P. Kyne, general manager of Bay Meadows race track, has announced the formation of Kyne Construction Co. and that work on the fill and building of Bay Meadows Airport will start immediately. Construction plans for the airport call for an expenditure of about $100,000.

oOo

Daly City: The city council has ordered the purchase of 66,000 sq. ft. of property on Mission Street between Alpha Avenue and Hillside Blvd. The property is earmarked for the city's new civic center and war memorial building.

oOo

Sacramento: California Apparel Shops will build a new store in Oak Park at a cost of $50,000. . . Lawrence Construction Co. will build a store and market building at Stockton Blvd. and Fruitridge Road at an estimated cost of $50,000. . . United Air Lines plan an extensive program of quarters and facilities at Municipal Airport. Work will start soon and will cost in excess of $100,000.

oOo

San Rafael: Lloyd Grandi has announced plans for the erection of a $35,000 building on "A" Street between 3rd and 4th. The new business is to be an auto laundry and will be owned and operated by Adrien Bouche, supplementing his Vogue Motor Co. at 1566 Fourth St. Contractors are Cliff Monk and Mario Bottini.

Harold L. Ickes Will Speak In Bay Area

On a whirlwind visit to northern California, Secretary of the Interior Harold L. Ickes will make three speeches in as many days between February 14 and 16, the Sacramento Regional Office of the U. S. Bureau of Reclamation announced. All three addresses will be broadcast.

Ickes will arrive in the Bay Region on Thursday, February 14, and will address the student body of the University of California at 2 o'clock that afternoon. His subject will be "Free Advice, And Worth It's Cost."

Friday noon, the secretary will address the Commonwealth Club luncheon in San Francisco on "The Central Valley". At this time Ickes will outline the Department of Interior's basin-wide plan for the comprehensive development of the water resources of the Central Valley of California.

At a public meeting in Fresno Memorial Auditorium on Saturday evening at 8:30 o'clock, Secretary Ickes will speak on "Your Valley of Decision", and will discuss controversial aspects surrounding construction and administration of the Central Valley Project. Arriving in Los Angeles over the week-end, Secretary Ickes will be the guest there at a luncheon on Monday, February 18.

The Fresno meeting on Saturday evening, February 16, is under sponsorship of the CVP Conference, of which State Grangemaster George Sehlmeyer is chairman. Sehlmeyer will call on Mayor Z. L. Leymel of Fresno to introduce the Secretary.

Many Trade Groups to Be Represented in So. California Exposition and Home Show

All eyes of California's building and home industries are focused on the preparations for the First Annual Construction Industries Exposition and Home Show of Southern California which will be held in the Pan Pacific Auditorium, Los Angeles, next July 12 to 21, inclusive.

And there is good reason for it, according to Milton J. Brock, president of the exposition and show. It will be the type of presentation of vital importance to those in the building industry as well as educational value to the general public.

"Already," Brock said, "we have had the opportunity here and there to catch some glimpse of the things in store for the postwar home builder. The complete picture, however, of the wonders awaiting the postwar planner and builder will be unveiled at the exposition."

Under the direction of the Tabery Corporation, the gigantic show will become a huge showcase for the manufacturers who are linked in one way or another to the building trades, home appliances and home maintenance.

With the public consciousness new centured on the need for new home building and improvements to existing dwelling units, a general interest already has been awakened in the projected exposition.

Aware of this, exhibitors will present the developments in postwar materials, designs and processes now being applied in heavy construction as well as in the building, furnishing and renovating of dwellings, Bock explained.

In planning the exposition and home show, the participating operators are underscoring the huge part commercial, industrial, public and house construction is playing and will play in the postwar era. That is because they know full well just what it is they are underscoring. In Southern California, for instance, they know that during the next five years, construction will be the Number One industry in dollars and cents—outstripping agriculture and petroleum which for many years in that area occupied the most lucrative berth. Labor, too, will feel the impact of the building program the country over.

This, then, will be reflected in the exhibits. Already, display space has been reserved by those who will show new methods of using paints and plaster, brick and flagstone — yes, and adobe, too. New uses for glass and ornamental iron also will be demonstrated, and postwar roofing, hardware, plumbing fixtures, electrical and gas appliances, radios, overhead garage doors and chemicals used as deodorants and water purifiers likewise will be displayed.

According to Lawrence Gibbs, secretary of the show and an official of the Los Angeles chapter, Building Contractors Association of California, Inc., 63 per cent of the available display space in the vast auditorium has been reserved.

Included among those who are arranging for exhibits are the principal electrical and gas appliance and heating manufacturers, several large banks engaged in fi-

(Continued on Page Four)

Did You Know That . . .

Thomas Harrington, formerly estimator connected with Allied Painters and Decorators, has gone into business for himself doing business as **Oxford Panters and Decorators.** The new firm's office is located at 3853 High St., Oakland 2. Telephone Kellogg 2-2413..

—O—

Clarence H. Bazille, Consulting Engineer, has reopened his office for General Practice of plumbing, heating, ventilating, electric and radiant heat. Temporary office at the Hotel Gotham, San Francisco 1. Phone ORdway 4412.

—O—

"Mickey" Cooper has announced the formation of the **Cooper Roofing Company.** The new firm is located at 387 21st Avenue (just off Geary), San Francisco, and is equipped to handle all phases of roofing and waterproofing. Telephone SKyline 0632.

—O—

GROOVER AND I

HONEST HOMEBUILDING

Today "Veteran Housing" is hot news all over the nation. Speaking of a housing shortage, if a man needs a home for his family, his need is urgent, be he Veteran, grocery clerk, salesman or second vice-president.

★ ★ ★

In San Francisco, we have a shortage of housing. A far greater shortage of MODERN housing. This is further complicated by the fact there are just too many people in this City of St. Francis of Assisi.

★ ★ ★

From many parts of the country you read complaints of egg-crate and crackerbox construction. On this point San Francisco is fortunate. It isn't happening here! The **Home Builders of this Community have done an outstanding job in maintaining a high standard of construction.**

★ ★ ★

As an example, I pull a name from the hat: HENRY DOELGER doesn't know me, but to my personal knowledge he has been constructing homes in San Francisco for more than 19 years. These homes, typical of the construction in this community, have been honestly built.

★ ★ ★

Without counting, it is an even-money guess that Doelger has built more dwellings in San Francisco than any other one Home Builder.

★ ★ ★

Whether more or less, the point is this; A builder, if so inclined, can squeeze an additional profit of $50 per room out of a dwelling—and after the paint dries the buyer would be unable to tell the difference!

★ ★ ★

Honesty and integrity have been built into our homes by workmen who were doing a sincere job. The word "sincere" of Latin parentage, was applied to ancient craftsmen, whose work was so perfect there were no uneven joints to be filled with wax.

★ ★ ★

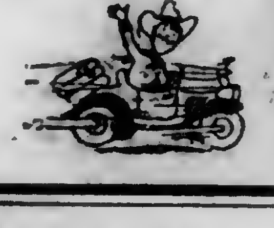
"Sincere"—without wax, applies to our building trades workmen today.

★ ★ ★

When you buy a home you are not trusting the Builder TODAY—you are trusting him TWENTY-FIVE YEARS FROM NOW!

★ ★ ★

This is the day to mention that Abraham Lincoln's father was a carpenter.



Dead Spots, Echoes in Auditorium Eliminated by Plywood Sounding Board

Introduction of a plywood sounding board, or shell, recently completed at the Louisville, Ky., Memorial Auditorium for use by Louisville Philharmonic Orchestra has "completely eliminated dead spots and echoes in the auditorium," according to Harper Fowley of Joseph E. Seagram & Sons, Inc., donors of the shell. The auditorium has been criticized in the past for its poor acoustics at symphonic performances. Fowley, who designed the shell with the help of Dr. Paul Sabine of the Riverbank Laboratories, Geneva, Ill., states that "without a doubt the shell has increased the volume in all parts of the auditorium and all concerts are remarkably clear; we now believe Louisville has the best concert hall in the country."

The new Louisville shell is 52-inches wide, 12-inches high at the back and raising to 22½-ft. at the front. It has a back, two sides and a top, all made of ¼-inch plywood on a frame of 1x3-ft. white pine strips running vertically and horizontally. This construction holds vibration to a minimum while the design throws all sound forward to the audience and no notes are absorbed or lost by deflection, Fowley reported to The Mengel Co., Louisville, which supplied the plywood.

The use of plywood for orchestral shells was popularized by Leopold Stokowski who specified plywood in a shell he ordered from McDonald Construction Company of New York, builders of stage settings. According to P. A. McDonald of that company, this shell was used for outdoor concerts by Stokowski during a tour of the United States and South America. As a result of this single tour more than 150 letters of inquiry came to the McDonald Company, which later built the shell now in use at the New York City Center.

The City Center shell is made of ¼-inch fir plywood on a frame of 1½x4-inch white pine. The entire shell, built in sections for easy breakdown and storage, is covered with 6-ounce duck painted with casein. McDonald states that, "plywood makes an excellent reverberator of sound. It is light in weight which makes for easy handling of sections and low cost transportation, yet its solidity reduces vibration and lends itself to either permanent or portable construction. Plywood shells should be equally successful on the smaller stages used by dance bands or where the size of the theater itself does not permit the dimensions we have used heretofore."

APPAREL CITY CORP. AWARDS CONTRACTS

In a surprise move the Apparel City Corporation, on Saturday, February 9, awarded construction contracts to Harney, Haas and Rothschild (Joint Venture) and to Barrett and Hilp. Both contracts were negotiated. Under the awards construction totaling over $1,000,000 will immediately get underway, with initial occupancy scheduled within 120 days.

The buildings for which contracts have been awarded are the one-story concrete and steel structures facing on Oakdale and Industrial Avenues. All buildings will have reinforced concrete slab floors on piles.

Ten days ago Charles L. Harney was given notice to proceed for the fill for the project site. This fill is being obtained from the Anzavista Apartment development, which is to occupy the site of the old Calvary cemetery at Geary and Masonic.

J. Francis Ward and John S. Bolles are the architects, and E. Elmore Hutchison is the site engineer for both the Apparel City and the Anzavista.

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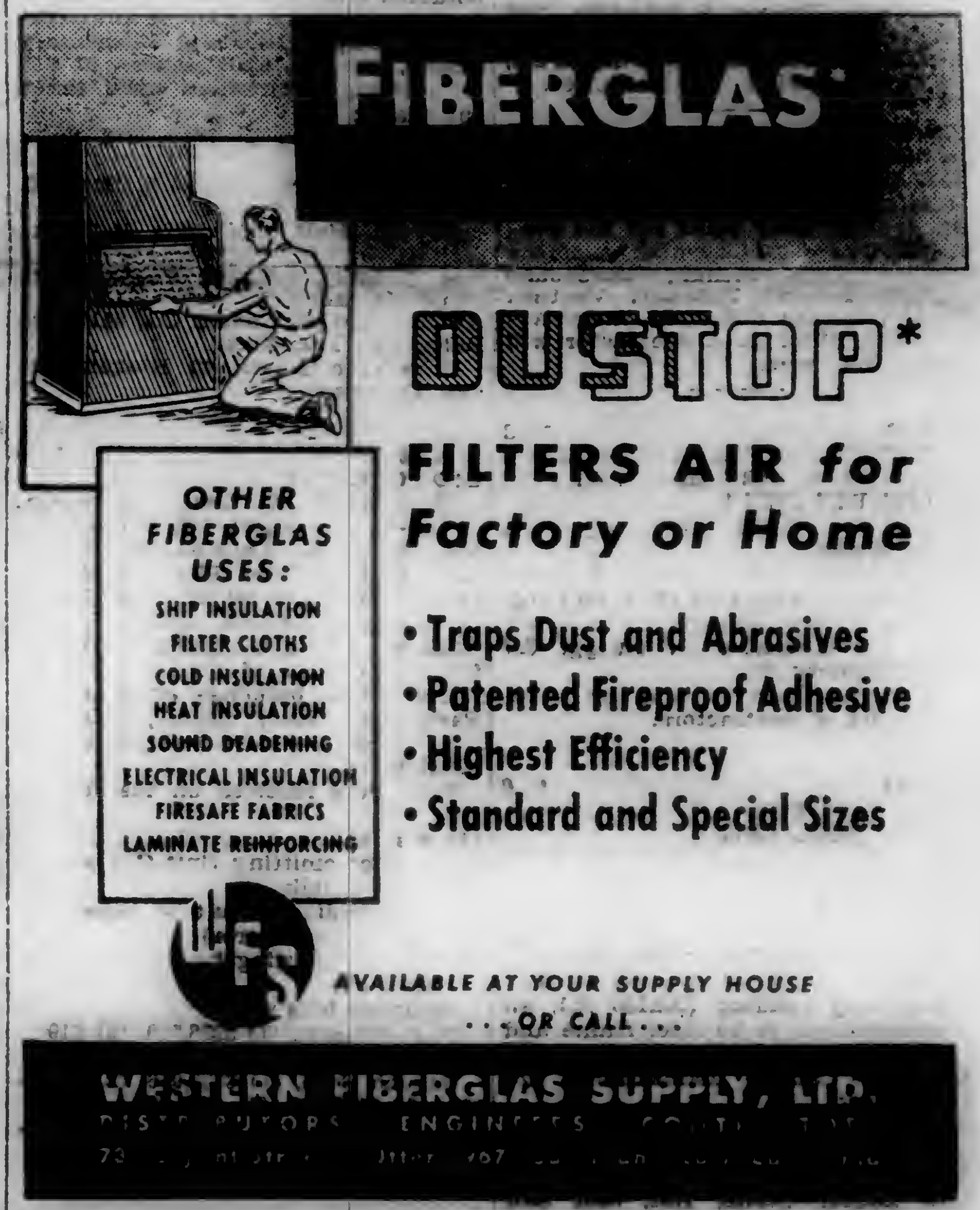

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DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

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1-8—COMMERCIAL BLDGS.

2/12/46 • 2
BIDS IN—HELD UNDER ADVISEMENT
SHOWROOM AND GARAGE
SAN RAFAEL, Marin County, Calif. 4th and Crescent Sts
Construction of one-story steel frame and concrete block showroom and garage building (100x100 ft.).
Owner—Armstrong & Campbell.
Consulting Engineer—H. M. O'Neill Co., 610 16th St., Oakland.
Announcement Wednesday.

2/12/46 • 3
CONTRACT AWARDED
WAREHOUSE
Contract Price, $125,277
RICHMOND, Contra Costa Co., Calif. Corner Eighth and Ohio Sts.
Construction of a 3-story reinforced concrete warehouse.
Owner—Richmond Union School District, Walter T. Helms, superintendent of schools, 1108 Bissell Ave., Richmond.
Architects—Dragon & Schmidts, 2068 Allston Way, Berkeley.
Contractor—Biltwell Construction Co., 4745 Geary Blvd., San Francisco.

2/12/46 8
COMPLETING PLANS

FILLMORE, Ventura Co., Calif.—Architect Roy C. Wilson, P. O. Box 391, is completing plans for the construction of a 1-story and basement masonry fruit packing warehouse (110x300 ft.) at Fillmore, Ventura County, for the Fillmore Orange Association, Fillmore. A contractor will be selected soon.

2/12/46 • 8
PLANS BEING FIGURED—BIDS OPEN FEBRUARY 26, 3 P. M.
SALES BUILDING
SAN FRANCISCO. Cor. Geary Blvd. and Blake.
Construction of one-story reinforced concrete automotive sales building.
Owner—Harry Krieger, c/o architect.
Architect—Theodore G. Ruegg, 617 Montgomery St.

Plans are being fgured by a selected list of contractors.

2/12/46 • 6
BIDS OPENED
STORE BUILDING
PITTSBURG, Contra Costa Co., Calif. Railroad Ave. and E. 7th St.
Construction of new corner store building (100x101 ft.); alter exterior walls of adjacent building (25x 100 ft.), and construction of new adjoining building (50x180 ft.), all construction to be steel frame and reinforced concrete.
Owner — Camillo Lamzafame, c/o architect.
Architect—Philip D. Tomasello, Room 305, 605 Washington St., San Francisco.
Low Bidder—Stolte, Inc., 8451 San Leandro St., Oakland, $132,700.
Other bidders were:
Erbentraut & Summers, $135,399.
S. J. Amoroso Construction Co., $141,600.
De Luca & Son, $144,670.
Horace J. Slino, Pittsburg, $146,500.
Howes & Whitaker, $166,961.
Bids held under advisement.

2/12/46 3
PREPARING PLANS

OXNARD, Ventura Co., Calif.—Archtect Roy Wilson, P. O. Box 951, is preparing plans for a new lemon packing house to be built on a 10-acre site at the west end of the Diedrich property and immediately north of the Oxnard railway depot, Oxnard, for the Somis Lemon Association. The packing house will contain a washroom, 90x300 ft. in area; a packing room, 160x160 ft. in area, and a storage room, 300x300 ft. in area. The type of construction is undecided.

9-10—EDUCATIONAL BUILDINGS

2/12/46 • 9
BIDS WANTED—TO BE OPENED FEBRUARY 28, 8 P. M.
SCHOOL BUILDING
SAN MATEO, San Mateo Co., Calif.
[illegible]
Construction of eight-classroom steel frame school building, concrete floor slab, wood roof rafters and wood stud walls, etc.
Owner — San Mateo Elementary Schol District, superintendent of schools, 120 N. Ellsworth St., San Mateo.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco.

Plans and specifications may be obtained from the office of the architect upon deposit of $25.

2/12/46 9
PROSPECTIVE BIDDERS
SCHOOL Approx. Cost, $160,000
SHAFTER, Kern County, Calif.
Construction of 12 classrooms ,alternate bid for 18 classrooms, additions to the Shafter Street School; wood roof, structural steel frame, wood and brick veneer walls, concrete floor, etc.
Owner—Richland Elementary School District, Shafter.
Architect—Ernest J. Kump Co., 251 Kearny Street, San Francisco.

As previously reported, bids will be opened February 27, 7:30 P. M.

Plans and specifications may be obtained from the office of the architect or from the office of O. T. Olson, Principal, Richland Elementary School, Shafter, upon deposit of $25.

Following contractors have taken out plans:
L. H. Hansen & Sons, 313 Palm Ave., Fresno.
A. J. Hendricks, Route 3, Box 205, Bakersfield.
Guy E. Hall, 1326 30th St., Bakersfield.
M. J. King, Inc., 231 Franklin St., San Francisco.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., San Francisco.
Rademann-Giusto, 40 Ringold St., San Francisco.

2/12/46 • 9
BIDS OPENED

MONTEBELLO, Los Angeles Co., Calif.—P. A. Weeger, 4565 Santa Monica Blvd., Los Angeles, at $228,500, submitted low base bid to the Montebello Unified School District, George M. Schurr, business manager, 1600 Whittier Blvd., Montebello, Feb. 7, for construction of six 1-story wood frame school buildings at Rosewood Park Elementary School, Eastland Ave. and Anaheim-Telegraph Rd., Montebello.

Bids were received on the following:
(1) cost of the complete job;
(2) cost of omitting Unit C (2-classroom building);
(3) cost omitting Unit F (assembly hall and cafeteria);
(4) cost of omitting both Unit C and Unit F.

Complete bids were:
P. A. Weeger, (1) $228,500, (2) $199,340, (3) $191,861, (4) $162,701.
Baruch Corp, (1) $230,986, (2) $205,837, (3) $196,331, (4) $171,182.
R. J. Daum, (1) $245,052, (2) $216,175, (3) $208,502, (4) $179,025.

2/12/46 9
ARCHITECTS SELECTED

THE PALMS AREA, Los Angeles Co., Calif.—Architects Risley & Gould, 220 S. Westmoreland Ave., Los Angeles, have been commissioned to prepare plans for the construction of a new group of junior high school buildings at a site bounded by Woodbine St., Charnock Ave., Westwood Blvd. and Kelton Ave., The Palms Area, by the Los Angeles Board of Education, 1425 S. San Pedro St., Los Angeles; estimated cost, $650,000.

2/-12/46 9
BONDS VOTED

BURBANK, Los Angeles Co, Calif.—Voters in the Burbank Unified School District, on February 5, approved the issuance of bonds in the amount of $3,500,000 to finance improvements of school facilities in the district.

The projects will include two new elementary schools, improvements and additions to nine other elementary schools, two new junior high schools, new buildings at one of the present junior high schools, new buildings at one of the present junior high school and a gymnasium and other improvements at the high school. G. H. Schulte is the structural engineer for the district.

12-13—INDUSTRIAL BUILDINGS

2/12/46 • 12
CANDY FACTORY
SAN FRANCISCO. Ocean Ave. between 19th Ave and Juniper.
Construction of two-story and basement reinforced concrete candy factory (50x80 feet).
Owner—Douglas Shaw.
Architect—Arthur D. Janssen, Austin Ave. and Patricia Dr, Atherton.

Bids received February 4 were rejected and plans will be revised and readvertised for bids at a later date.

Carrico & Gautier, 365 Ocean Ave., San Francisco, at $101,695, submitted the previous low bid.

2/12/46 • • 12
PLANNED
BOTTLING PLANT Cost, $75,000
MERCED, Merced Co., Calif. 13th and W Streets.
Construction of stucco bottling plant.
Owner—Coca Cola Bottling Company of Fresno, 905 R St., Fresno.
Architect—Not Given.

Application has been made to the city council for permission to construct the plant and a decision is expected at the next meeting, March 4.

2/12/46 • 12
BIDS WANTED

SAN FRANCISCO.—As previously reported, until February 21, 11 A. M., bids will be received by the Public Works Office, Room 2110 Administration Bldg., San Francisco Naval Shipyard, San Francisco, under Spec. No. 17099 for the construction of the superstructure for the completion of a two-story shop building, No. 411, shipfitters' and boilermakers' shop, and miscellaneous small structures which shall be used for industrial shop purposes, and which includes asbestos siding, roofing, wood block and other flooring, earthwork, paving, track work, piling, metal windows and doors, tile work, plastering, tanks, sprinklers, elevators, concrete, floor coverings, ventilation and utilities, all within the Naval Shipyard, San Francisco.

Plans and specifications may be obtained from the above office upon deposit of $130, check or postal money order, payable to the Chief of the Bureau of Yards and Docks.

2/12/46 • 13
ONLY BIDDER

FORT PECK, Mont. — Morrison-Knudsen Co., Inc., Hoge Bldg., Seattle, Wash., at $828,226.30, submitted only bid to U. S. District Engineer Office, Fort Peck, Mont., for installation of the structures, machinery and equipment which will provide the facilities required for placing in operation at the power house a second generating unit (capacity 16,667 kva.) and the construction work required to complete the existing power house superstructure to elevation 2128.0 to permit the future installation of the surge tanks for the Fort Peck power development; Serial 14. The site of the work is on the Missouri River at the Fort Peck damsite, approximately 19 miles southeast of Glasgow, Mont. ,in T. 26 N., R. 41 E., McCone County.

14-17—PUBLIC BLDGS.

2/12/46 • 14
PLANS BEING FIGURED

LONG BEACH, Los Angeles Co., Calif.—Harold E. Ketchum, consulting engineer, 2360 American Avenue, Long Beach, has completed plans and is taking bids for the construction of a midget race track to be located on Carson St. near Avalon Blvd., Long Beach district, for Bob Ware.

The project includes a structural steel and concrete stadium, with a seating capacity of 16,000 persons; one mile of barbed wire outer fence and chain-link protective fence, parking area containing 1,033,000 sq. ft. and various other structures; estimated cost, $175,000.

2/12/46 15
TO ASK BIDS

HUNTINGTON PARK, Los Angeles Co., Calif.—The city council of the City of Huntington Park has approved plans and authorized a call for bids to be made within a few weeks for the construction of a new city hall and justice building to be located at the Miles Ave. Park, Zoe and Miles Ave., Huntington Park. The new city hall will be a one- and two-story structure, U-shaped, containing approximately 18,000 sq. ft. of floor space on the first floor and 9000 sq. ft. second floor. The justice building will be one and two stories in height, L-shaped, containing approximately 15,000 sq. ft. of floor space on the first floor and 8000 sq. ft. second floor. Each building will be of frame and stucco construction, steel reinforced, tile roofing, concrete, hardwood and asphaltic tile floors, interior plaster, acoustic tile, concrete walks. Plans were prepared by Hugh R. Davies, architect, 523 Security Bldg., Long Beach.

BUILDINGS
18-19—RELIGIOUS BLDGS.

2/12/46 • 19
TO NEGOTIATE CONTRACT

SAN BERNARDINO, Calif.—Architect Wm. Woollett, 400 Rowan Bldg., Los Angeles, has completed plans and will negotiate a contract for the construction of a two-story, masonry and frame church building to house a main auditorium, a Sunday school auditorium and administrative offices in San Bernardino for Gardens Community Church; wood roof trusses, shake roof, tile flors, air conditioning; cost, $100,000. The main auditorium will seat 250 persons and the Sunday school auditorium 350 persons.

2/12/46 19
PREPARING PLANS

GLENDALE, Los Angeles Co., Calif.—Architect F. D. Harrington, 232 Monterey Blvd., Hermosa Beach, is preparing plans for the construction of a church building on N. Glendale Ave., Glendale, for the Calvary Bible Presbyterian Church; frame and stucco, steel trusses, steel sash, acoustical plaster, wood floors, asphaltic tile covering, asbestos shingl eroofing; estimated cost $30,000. A request for bids is expected to be made about March 15.

2/12/46 19
PREPARING PRELIMINARY PLANS

HOLLYWOOD, Los Angeles Co., Calif.—Architects Allison & Rible, 650 S. Grand Ave., Los Angeles, are preparing prelminary plans for the construction of a initial 3-story reinforced concrete unit at Gower, Carlos and Yucca Sts., Hollywood, for First Presbyterian Church of Hollywood, 1760 Gower St., Hollywood; 15,000 sq. ft. of floor space, composition roofing, steel-sash, cement floors with linoleum covering, painting, plastering, electrical work.

20-21—SOCIAL AND RECREATIONAL BLDGS.

2/12/46 • 21
TO ASK BIDS

LOS ANGELES, Calif.—The office of Architect Wm. L. Periera, 7417 Beverly Blvd., Los Angeles, is completing plans and bids will be taken in about two weeks for the construction of a theater and store building at the corner of Vermont and Imperial Highway, Los Angeles, for the Southside Theaters, Inc.

The building will contain six stores and the auditorium will seat 1600 people; reinforced concrete construction, steel roof trusses, composition roofing, acoustic materials, concrete floors, carpets, tile toilets, plate glass, fire doors, interior plastering.

2/12/46 • 20
PLANS ON FILE

CROWS LANDING, Stanislaus Co., Calif.—As previously reported, until February 26, 11 A. M., bids will be received by the Public Works Department, 12th Naval District, 1182 Market St., San Francisco, Room 402, for outdoor gunnery range at Naval Auxiliary Air Station, Crows Landing, Calif.

The work involves construction of three wood frame towers with enclosed house on top, one approximately 48 ft. high and 17 ft. square at base, and the other two each approximately 25 ft. high and 8 ft. square at base; paving of firing platforms and walks, and construction of bullet stop, all with the necessary earthwork, paving, concrete construction, miscellaneous steel and iron work, roofing and sheet metal work, carpentry and joinery, glazing, hardware and field painting. Specification No. 17507, NOy 13346, and other bidding information may be obtained on application to Public Works Department, Design Section, 8th floor, Whitcomb Hotel, San Francisco. Deposit of check or postal money order for $10, payable to Chief of Bureau of Yards and Docks, is required as security for safe return of each set of bidding data

A set of plans and copy of specifications is now on file for examination at the office of DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco.

2/12/46 20
ARCHITECTS SELECTED

DOWNEY, Los Angeles Co., Calif.—Architects Allison & Rible, 650 S. Grand Ave., Los Angeles, have been commissioned to prepare plans for alterations to the swimming pool structure at the Downey High School, 319 E. Firestone Blvd., Downey, by Downey Union Junior-Senior High School District, same address. Mechanical equipment for improving the pool's facilities will also be required.

2/12/46 20
PREPARING PLANS

SAN DIEGO COUNTY, Calif.—Architect Francis J. Heusel, 730 E. 3rd St., Long Beach, is preparing plans for the construction of a number of buildngs on the Water Mountain Ranch at the foot of Palomar Mountain, approximately 40 miles east of San Diego, for the Water Mountain Dude Ranch. Buildings will include a main lodge and from 20 to 30 cottages, adobe brick construction, concrete floors, shake roofing, tile baths and showers, locker rooms, swimming pool; stables, barns and helps' quarters.

22-26—RESIDENTIAL BUILDINGS

2/12/46 • • 25
BIDS OPENED

FRESNO, Fresno Co., Calif.—Reliable Automotive Works, "H" and San Joaquin Sts., Fresno, at $2885 submitted the low bid to the Commission of the city of Fresno, D. E. Roughton, city clerk, City Hall, Fresno. January 31, for the building of one trailer to be installed on a tractor unit. Tractor unit and wheelbase to be shortened on 1942 Chevrolet 1½-ton truck, which is the property of the city of Fresno. Cochran & Celli, 1100 8th Ave., Oakland, at $2900 submitted the only other bid.

2/12/46 22
COMPLETING PLANS

LOS ANGELES, Calif.—The office of Architect William L. Pereira, 7417 Beverly Blvd., Los Angeles, is completing plans for the construction of additions to the Motion Picture Country House, 23,350 Mulholland Dr., for the Motion Picture Relief Fund, Inc. The work will include guest units for 22 people, consisting of six buildings; nurses' home with facilities for 15 nurses; doctor's residence, and two wing additions to the hospital, 30x90 feet in area, containing surgery, laundry rooms and kitchen; the hospital addition will be class A construction and the remainder of the buildings will be masonry construction, composition roofing, steel sash, forced air heating, toilets, etc.

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(2/5-6-7-8-11/45)

WANTED

WORK FOR D 8 TRACTORS, CARRYALLS and [illegible]. Phone Stockton [illegible]

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Water Supply and Sewage Disposal Plants 31-32
Bridges 33
Dams, Reservoirs and Dredging 34
Docks, Piers & Harbors 35
Parks, Airports and Playgrounds 36
Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

2/12/46 32
PLANS COMPLETED

BUCKEYE, Ariz.—Engineers Headman, Ferguson & Carrolo, Home Builders' Bldg., Phoenix, Ariz., have completed plans for the construction of a sewage collection and disposal plant at Buckeye, Ariz., for the Town of Buckeye, Maricopa County, Ariz. Estimated cost, $150,000.

2/12/46 • • 31
BIDS OPENED

SAN FRANCISCO.—The S. F. Water Department at $4,389.05 submitted low bid to Public Utilities Commission, Room 287 City Hall, under Water Dept. Contract No. 414 for laying 2- and 6-in. cast iron main in Lily St., Prescott Court, Buena Vista Terrace and 15th St.

The work involves:
(1) 1420 lin. ft. excavation and backfill;
(4a) 465 lin. ft. install B&S pipe;
(4b) 955 lin. ft. install B&S pipe;
(5) 2500 lbs. install fittings and valves;
(6a) 150 lbs. make B&S joints;
(7) 2200 sq. ft. repave street pavement;
(10) lump sum, field inspection per day;
(A) materials furnished and services rendered by the San Francisco Water Department, $1911.25.

San Francisco Water Dept., (1) $.80; (4a) $.12; (4b) $.12; (5) $.04; (6) $.70; (7) $35; (10) 20 cal. days; (10A) $1,911.25; total, $4,389.05.

F. T. Sairey, San Francisco, (1) $1.30; (Aa) $.08; (4b) $.15; (5) $.04; (6) $82; (7) $.35; (10) 25 days; (10A) $1911.25; total bid, $5,199.45.

33—BRIDGES

2/12/46 • • 33
BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until March 14, 2 P. M., bids will be received by G. T. McCoy, State Highway Engineer, 808 State Bldg., Los Angeles, for the construction of a structural steel overhead crossing with braded approaches, surfaced with asphalt concrete, on Anaheim Street approach road to Terminal Island Freeway, at Nicholson Ave., Los Angeles, VII-LA-Terminal Island, Los Angeles County. This is a national defense contract.

Work involves:
(1) 10 c.y. remove concrete;
(2) 5 acres clear and grubb;
(3) 100 c.y. rdwy. excav.;
(4) 3,100 c.y. struc. excav.;
(5) 15,000 l.f. vertical holes sand drains;
(6) 2,000 tons sand backfill, sand drains;
(7) 75,000 tons import borrow;
(8) 3,700 tons import subgrade material;
(9) 3,850 sq. yds. prepare Class C subgrade;
(10) develop water supply and furnish water equipment;
(11) 700 M. gals. apply water;
(12) finish roadway;
(13) 1,560 tons asph. concrete;
(14) 2 tons asph. emulsion, seal coat
(15) 1,468 c.y. Class A portland cement conc. struc.;
(16) 682,000 lbs. furnish struc. steel;
(17) 682,000 lbs. erect do;
(18) 12,200 l.f. furnish Douglas fir piling;
(19) 244 each drive timber piles;
(20) 1,325 l.f. furnish steel piling;
(21) 20 each drive steel piles;
(22) 10 each steel pile splices;
(23) 210 c.y. portland cement conc. curbs and gutters;
(24) 2,900 l.f. chain link fence;
(25) 350 l.f. 48-in. reinf. conc. pipe, standard strength;
(26) 80 l.f. 48-in. reinf. concrete pipe 2000-D;
(27) 200 l.f. 15-in. plain conc. pipe;
(28) 188,000 lbs. furnish bar reinf. steel;
(29) 188,000 lbs. place do;
(30) 3,200 lbs. misc. iron and steel;
(31) 3,000 each Mesembryanthemum Edule cuttings;
(32) 1,201 l.f. steel railing;
(33) electrical equipment;
(34) 124 each 9.5 ft. 16 gage stringers
(35) 44 each 9.5 ft. 14 gage do;
(36) 12 each, 9.5 ft. 12 gage do;
(37) 7 each 5.2 ft. 16 gage spacers;
(38) 75 each 9.6 ft. 14 gage do;
(39) 5 each 5.2 ft. 16 gage bottom spacers;
(40) 8 each 96 ft. 14 gage do;
(41) 11 each 9.5 ft. 8 gage stringer stiffeners;
(42) 254 l.f. 8 gage column;
(43) 12 each 12 gage column caps;
(44) 16 each 14 gage column splicers
(45) 26 each 16x16-in. 1 gage bearing plates;
(46) 16 each 20x20-in. 1 gage do;
(47) misc. items of work.

Specifications obtainable from the above office.

2/12/46 • 32
COMPLETING PLANS
SEWAGE TREATMENT PLANT
Est. Cost, $120,000
MONROE, Washington.
Construction of a complete sewage treatment plant, including equipment, pump house, clarifier, digester and sewer system, including mains ,interceptor sewers, laterals and manholes.
Owner—City of Monroe, Wash., H. T. Bennett, mayor.
Constulting Engr.—James W. Carey & Associates, Alaska Trade Bldg., Seattle.
Upon completion of plans bids will be asked.

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Outdoor Gunnery Range Spec. 17507, NOy 13346	Crows Landing	2-26

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Tulana Farms Grain Elevator, Worden, Ore.; Bids lpen Feb. 14, Noon.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

Tank Truck Loading Fac., Standard Oil, Richmond; Bids open Feb. 18, Noon
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980
Barrett & Hilp. 918 Harrison St., San Francisco (DOuglas 0700).

Shops Bldg., San Mateo Junior College; Bids open February 13, 8 P. M.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Monson Brothers, 475 Sixth St., San Francisco (DOuglas 5357).
Haas Constr Co., 326 Merchants' Exchange Bldg., S. F. (EXbrook 1205).
C. L. Weld Constr. Co., Ltd., 4412-16 Fulton St., S F. (SKyline 4362)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S F (EXbrook 6906 or 7054)

Superstructure, Shop Bldg. No. 411, Shipfitters and Boilermakers Shop, San Francisco Naval Shipyard; Bids open February 21, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
A. Farnell Blair, 9 Main St., San Francisco (YUkon 0390)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
Empire Constr. Co., Ltd., and C. F. Lytle (joint venture), 344 Harriet Street, San Francisco (HEmlock 3400).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co. 923 Folsom St., San Francisco (SUtter 3440).

Warehouse, Standard Oil Co., 7th and Irwin Streets, San Francisco; Bids open February 15.
Robert McCarthy Co., 1050 Kirkham St., San Francisco (OVerland 4050)
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624).
E. S. McKittrick Co., 610—16th St., Oakland (TWinoaks 5070)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Fred J. Early Co., 369 Pine Street, San Francisco (SUtter 1731).
Haas Constr. Co., 326 Merchants' Exchange Bldg., S. F. (EXbrook 1205)
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)
Clinton Constr. Co. 923 Folsom St., San Francisco (SUtter 3440).

Auto Sales and Service Bldg., San Francisco; Bids open February 18.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Peter Sorensen, 927 Arguello St., Redwood City (Redwood 2212).
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081)

Theatre Bldg., Salinas; Bids open February 15, 4 P. M.
Erbentraut & Summers, 446—6th St., San Francisco (MArket 8310)
Carl N. Swenson Co., 355 Stockton Ave., San Jose (BAllard 2602)

Ongara Food Locker Bldg., Greenfield Avenue, San Anselmo; Bids open February 14, 5:00 P. M.
E. P. Merritt, 102 Rialto Bldg., San Francisco (YUkon 0656).

Chevrolet Agency, San Rafael; Bids open February 15, 5 P. M.
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).

Ongara Food Locker, San Anselmo: Bids open February 14, 5 P. M.
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).

Outdoor Gunnery Range, NAAS, Crows Landing; Spec. 17507; Bids open February 26, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).

Automobile, Appliance Service Building, Geary Blvd., S. F.; Bids open February 26, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).

Elrgero Res., Merced Ave. near Garcia, S. F.; Bids open Feb. 14, 5 P. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).

Kunst Bros. Store Bldg., Valencia nr Duboce; Bids open Feb. 14, 5 P. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).

Residence for San Francisco Theological Seminary, San Anselmo; Bids open February 21, 3:00 P. M.
B. & R. Constr. Co., 268 Market St., San Francisco (DOuglas 7516).
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., San Francisco (MIssion 1490)

South Office Bldg., PT&T, Sacramento; Bids open February 13, 2 P. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).

Krieger Automotive and Sales Bldg., Geary and Blake, San Francisco; Bids open February 26, 3 P. M.
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., San Francisco (MIssion 1490)

Outdoor Gunnery Range, NAAS, Crows Landing; Spec. 17507; Bids open February 26, 11 A. M.
Patrick M. Sofarelli, 20337 Anita Ave., Hayward (Hayward 806).

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ADVANCE CONSTRUCTION REPORTS

33—BRIDGES

2/12/46 • 33
BIDS WANTED

SANTA CLARA COUNTY, Calif.—Until March 13, 2 P. M., bids will be received by G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for the construction of a separation structure and approaches about six-tenths mile in length to be graded and surfaced with portland cement concrete and asphalt concrete on crusher run base on Bayshore Freeway at Santa Clara St. in the City of San Jose, Santa Clara County.

Plans and specifcations obtainable from the above office.

The work involves:

(1) 2600 cu. yds. remove concrete;
(2) clearing and grubbing;
(3) 45,000 cu. yds. roadway excavation;
(4) 2810 cu. yds. structural excavation;
(5) 2000 cu. yds. structural backfill;
(6) 24,500 tons imported borrow;
(7) 450,000 sta. yds. overhaul;
(8) 20,000 sq. yds. preparing class C subgrade;
(9) develop water supply and furnish water equipment;
(10) 960 M gallons apply water;
(11) 34 sta. finish roadway;
(12) 2100 tons crusher run base;
(13) 9 tons liquid asphalt SC-1 prime coat and penetration treatment;
(14) 2½ tons liquid asphalt SC-2 penetration treatment;
(15) 16 tons sand penetration treatment;
(16) 6½ tons asphaltic emulsion paint binder and seal coat;
(17) 2½ tons liquid asphalt SC-6 armor coat;
(18) 44 tons screenings armor coat;
(19) 1450 tons asphaltic concrete leveling course;
(20) 1200 tons asphaltic concrete type B surfacing;
(21) 350 lin ft. raised bars;
(22) 4700 cu. yds. class B portland cement concrete pavement;
(23) 2950 each tie bolt assemblies;
(24) 7100 cu. yds. class B portland cement concrete base slab;
(25) 950 cu. yds. class B portland cement concrete membrane base;
(26) 1038 cu. yds. class A portland cement concrete structures;
(27) 2518 lin. ft. furnish treated timber piles;
(28) 84 each drive piles;
(29) 8750 sq. yds. membrane waterproofing;
(30) 1050 cu. yds. class B portland cement concrete curbs, gutters and sidewalks;
(31) 21 each monuments;
(32) 8 each centerline monuments;
(33) 775 lin. ft. 21-in. reinforced concrete pipe;
(34) 1320 lin. ft. 12in-. CMP, 16-gage;
(35) 465 lin. ft. 18-in. CMP, 16-gage;
(36) 1650 lin. ft. 8-in. perforated metal pipe;
(37) 185 cu. yds. filter material;
(38) 265,400 lbs. furnish bar reinforcing steel;
(39) 265,400 lbs. place bar reinforcing steel;
(40) 13,600 lbs. miscellaneous iron and steel;
(41) 339 lin ft. steel railing;
(42) 4400 lin. ft. chain-link fence;
(43) 6000 sq. yds. roofing paper;
(44) 8 each adjust manholes to grade;
(45) 2 each adjust catchbasins to grade;
(46) 46 lin. ft. manholes;
(47) 1850 lin. ft. 2-in. galvanized steel pipe;
(48) 1750 lin. ft. 2½-in. galvanized steel pipe;
(49) 280 lin. ft. 3-in. galvanized steel pipe;
(50) electrical equipment;
(51) pumping equipment;
(52) miscellaneous items of work.

34—DAMS, RESERVOIRS & DREDGING

2/12/46 • 34
BIDS POSTPONED

WALNUT CREEK, Contra Costa Co., Calif.—Until February 18, 2 P. M. (postponed from February 10), bids will be received by the Oak Grove School District, O. J. Wohlgemuth, clerk, in the schoolhouse for 193 feet of 6-foot wire woven fence of No. 9 tension wire, including two 16-foot gates. Price must include erection of fence with posts set in concrete three inches in diameter.

Specifications obtainable from the above office.

2/12/46 • 34
COMPLETING PLANS

SOUTH PASADENA, Los Angeles Co., Calif.—Quintin Engineers, Ltd., 816 S. Figueroa St., Los Angeles, are completing plans for the construction of a pipeline, pumping station and a reservoir for the City of South Pasadena. The project will involve the installation of 3000 ft. of 12-in. cast iron water pipe, construction of a 2,000,000-gallon gunited lined and covered reservoir in the Oneonta Hills, south of Monterey Rd. and west of Meridan, and a 400-ft. gunited lined tunnel; estimated cost, $125,000.

2/12/46 • 34
BIDS WANTED

CENTRAL VALLEY PROJECT, California.—Until March 5, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Friant, under Spec. No. 1171 for the construction of earthwork, canal lining and structures, station 1144+00 to station 1591+66.15, Friant-Kern Canal, Friant Division, Central Valley Project, California. The work is situated about 18 biles east of Fresno, Calif.

The principal items of work and the estimated quantities involved are as follows:

(1) 1,570,000 cu. yds. excavation, common, for canal;
(2) 286,000 cu. yds. excavation, rock, for canal;
(3) 171,000 sta. cu. yds. overhaul;
(4) 170,000 cu. yds. compacting embankments;
(5) 28,000 cu. yds. excavation, common, for drainage channels and dikes;
(6) 12,000 cu. yds. excavation, rock, for drainage channels and dikes;
(7) 8000 cu. yds. excavation, common, for structures;
(8) 1750 cu. yds. excavation, rock, for structures;
(9) preparing 141,000 sq. yds. rock foundations for concrete lining;
(10) trimming 330,000 sq. yds. earth foundations for concrete lining;
(11) 6200 cu. yds. of backfill;
(12) 3300 cu. yds. compacting backfill;
(13) 200 sq. yds. dry-rock paving;
(14) 1775 cu. yds. concrete in structures;
(15) 45,200 cu. yds. concrete in canal lining;
(16) placing 2,600,000 lbs. reinforcement bars;
(17) placing 760 sq. ft. elastic joint-filler material;
(18) placing 140 lin. ft. rubber water stops;
(19) erecting 283 M ft. b.m. of timber in structures;
(20) installing 2500 lbs. of miscellaneous metal work;
(21) constructing 24 cattle guards;
(22) constructing 16 miles of barbed wire right-of-way fence;
(23) constructing 2 miles combination barbed wire and woven wire right-of-way fence;
(24) removing 1800 lin ft. existing pipelines;
(25) laying 800 lin. ft. 2½- and 3-in. diameter iron pipe;
(26) laying 5800 lin. ft. 4-, 6- and 12-in. diameter thin-wall steel pipe;
(27) laying 16 lin. ft. 18-in. diameter corrugated metal pipe;
(28) installing 145 units of orchard outlets and stand pipes;
(29) constructing 17,000 lin. ft. underdrains with uncemented joints;
(30) constructing 12,500 lin. ft. feeder drains.

This invitation for bids does not cover the purchase of materials which are to be furnished by the government. Materials to be furnished by the contractor and those furnished by the government are described in the specifications which will be a part of the contract.

No charge to prospective bidders for copies of the specifications and drawings; to others, $2.25 per copy, not returnable.

Guarantee will be required with each bid in an amount not less than 10 per cent of the amount of the bid.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: R. L. Boke, regional director, Old Post Office Bldg., 7th and K Sts., Sacramento 14, Calif.; R. K. Durant, acting construction engineer, Friant, Calif.; Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the acting construction engineer.

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36— PARKS, AIRPORTS & PLAYGROUNDS

2/12/46 • 36
BID OPEN

SAN FRANCISCO. — O'Mara & Stewart, Ltd., 218 Clara St., San Francisco, at $7600, submitted only bid to the Board of Park Commissioners, McLaren Lodge, Golden Gate Park, for repairs to heating plant furnaces at Fleishhacker Pool.

2/12/46 • 36
BIDS OPENED

SAN FRANCISCO.—Guerin Bros., 208 S. Linden Ave., South San Francisco, at $15,739, submitted low bid to the Board of Park Commissioners, McLaren Lodge, Golden Gate Park, for furnishing and installing 10-inch water main, water works to main drive, and 14-inch overflow pipe at Strawberry Hill reservoir.

Other bidders were:
E. J. Tracy, $16,395.
E. J. Tobin, $17,150.
Pacific Pipelines, $17,756.63.
McGuire & Hester, $17,835.
Underground Construction Co., $18,-083.
Associated Engineers, $18,125.
M. Desiano, $20,977.

2/12/46 • 36
BIDS OPENED

SAN FRANCISCO.—N. O. Wiseth, at $2275, submitted low bid February 11 to the Board of Park Commissioners, McLaren Lodge, Golden Gate Park, for construction of tool and equipment shed at Lincoln Park municipal golf course.

Other bidders were:
Erbentraut & Summers, $2418.
Charles A. Wait, $2485.
Central California Construction Co., $2544.
R. A. Cullen, $5790.

2/12/46 • 36
BIDS OPEN

SAN FRANCISCO. — Associated Engineers, 3606 El Camino Real, Palo Alto, Calif., at $872.40, submitted low bid February 11 to the Board of Park Commissioners, McLaren Lodge, Golden Gate Park, for drainage corrections at Alamo and Alta Plaza squares.

Other bidders were;
E. J. Tracy, $1083.50.
McGuire & Hester, $1268.
E. J. Tobin, $1350.
C. E. Wait, $1490.
M. J. Tracy, $1718.
Ray Guella, $2360.

38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

2/12/46 • 38
BIDS WANTED

RIO GRANDE PROJECT, New Mexico.—Until March 6, 10 A. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1170 for the construction of the Alamogordo-Hollywood and the Elephant Butte-Socorro 115-kilovolt transmission line, Rio Grande Project, New Mexico. The work is situated in approximately the central portion of the state of New Mexico.

The specifications will provide for bids on either or both of the two transmission lines, but no bid will be considered for only a part of either line.

The lines will each be 115-kilovolt, 3 - phase, single - circuit, wood - pole lines. The Alamogordo - Hollywood line, approximately 55 miles in length, will extend from the point of connection of the Alamogordo Army Air Base tap, near Alamogordo, N. M., to the Hollywood substation near Hollywood, N. M. The Elephant Butte-Socorro line, approximately 77 miles in length, will extend from the Elephant Butte power plant to the Socorro substation near Socorro, N. M. The conductors for each line will be either No. 4/4A.W.G. aluminum cable, steel reinforced, or 133,00 circular mil copper of hollow construtcion. Two overhead ground wires will be installed for 1½ miles of the Alamogordo-Hollywood line and for the full length of the Elephant Butte-Scorro line.

This invitation for bids does not cover the purchase of materials which are to be furnished by the government. Materials to be furnished by the contractor and those furnished by the government are described in the specifications which will be a part of the contract.

The work shall be commenced within fifteen (15) calendar days after date of receipt of notice to proceed and shall be completed within the following number of calendar days from the date of receipt of such notice: Alamogordo-Hollywood line, 120 days; Elephant Butte-Socorr line, 160 days.

No charge to prospective bidders for copies of the specifications and drawings; to others, $1.75 per copy, not returnable.

Guarantee will be required with each bid in an amount not less than 10 per cent of the amount of the bid.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: W. R. Nelson, regional director, Oliver-Eagle Bldg., 6th and Polk Sts., Amarillo, Texas; O. N. Parker, construction engineer, Alamogordo, N. M.; Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the construction engineer.

2/12/46 • 38
CORRECTION

PORTLAND, Ore.—Until February 13, 1:30 P. M. (previously announced in error as having been postponed until February 27), bids will be received by the U. S. Department of Interior, Bonneville Power Administration, L. C. Stewart, procurement officer, 1300 NE Union Ave., Portland 8, for furnishing all labor, certain materials and performing all work for construction of Albany-Toledo 115-kv. wood pole transmission line, beginning at the structure identified as A T-2/9, approximately two miles northwest of Albany, west to approximately ¼ mile etast of Toledo, 40.2.

39—SEWERS

2/12/46 • 39
BIDS WANTED

FRESNO, Fresno Co., Calif.—Until February 14, 10 A. M., bids will be received by the City of Fresno, D. E. Roughton, city clerk, City Hall, for sewering of High Addition, Blocks 5, 6, 7 and 8 of Clinton Terrace, Frisbie Tract, Weldon Terrace, etc., in Fresno.

The work involves:

(1) 1630 lin. ft. 8-in. vitrified clay pipe sewer in place;
(2) 8172 lin. ft. 6-in. vitrified clay pipe sewer in place;
(3) 18 masonry manholes with cast iron frames and covers;
(4) 80 lin. ft. concrete packet;
(5) 50 4-in. on 8-in. Y branches in place;
(6) 338 4-in. on 6-in. Y branches in place.

Each bid must be accompanied by certified check in amount of 10% of bid, payable to the City of Fresno.

2/12/46 39
BIDS WANTED

TUCSON, Ariz.—Until March 4, 4 P. M. (to be opened at 8 P. M.), bids will be received by the mayor and city council of the City of Tucson, City Hall, Tucson, Ariz., for the construction and installation of sanitary sewers, the construction of a pumping station, together with pumping equipment, grading, backfill and all other work connected with and incidental to improvements known as the "Southwestern Addition District Sewer Improvements"; Resolution of Intention No. 2016. Plans and specifications available from the office of the city engineer, City Hall, Tucson, Ariz., upon deposit of $10. Bond in the amount of 10% of bid required.

40— STREETS AND HIGHWAYS

2/12/46 • • 40
BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until March 14, 2 P. M., bids will be received by G. T. McCoy, State Highway Engineer, 808 State Bldg., Los Angeles, for about .7 mile in length to be graded and paved with asphalt concrete, and four bridges to be constructed, on Pacific Coast Highway. between Dominguez Channel and San Gabriel Ave., VII-LA-60-LA, in the cities of Los Angeles and Long Beach, Los Angeles County. This is a national defense contract.

Plans and specifications may be obtained from the above office.

Work involves:

(1) 410 c.y. remove concrete;
(2) 13 acres clear and grubb;
(3) 7,000 c.y. rdwy. excav.;
(4) 21,450 c.y. struc. excav.;
(5) 24,700 c.y. ditch and channel excavation;
(6) 20,000 sq. yds. compact original ground;
(7) 133,600 l.f. vertical holes, sand drains;
(8) 20,000 tons sand backfill, sand drains;
(9) 712,600 tons imported borrow;
(10) 37,500 tons import subgrade material;
(11) 53,000 sq. yds. prepare Class C subgrade;
(12) develop water supply and furnish water equipment;
(13) 6.000 M. gals. apply water;
(14) finish roadway;
(15) 7 tons liq. asph. SC-2 prime coat
(16) 1,400 tons plant mix surf.;
(17) 21,500 tons asphalt concrete;
(18) 25 tons asph. emulsion, seal coat
(19) 7,716 c.y. Class A portland cement conc. structures;
(20) 685 c.y. Class A portland cement conc. footing blocks;
(21) 3,788,000 lbs. furnish struc. steel;
(22) 3,788,000 lbs. erect struc. steel;
(23) 1,171,000 lbs. furnish bar reinf. steel;
(24) 1,171,000 lbs. place do;
(25) 42,380 l.f. furnish timber piles;
(26) 940 each drive timber piles;
(27) 1,700 l.f. furnish cast in place concrete piles;
(28) 40 each drive do;
(29) 22,920 l.f. furnish steel piles;
(30) 337 each drive do;
(31) 180 each steel pile splices;
(32) 1,300 c.y. Class A portland cement conc. curbs, gutters and sidewalks;
(33) 950 l.f. pipe handrail;
(34) 2.800 l.f. chain link fence;
(35) 4 each walk gates;
(36) 1,200 l.f. 18-in. standard strength reinf. concrete pipe;
(37) 540 l.f. 24-inch do;
(38) 520 l.f. 36-inch do;
(39) 2,700 l.f. 15-in. plain conc. pipe;
(40) 4 each remodel exist. manholes;
(41) 29,000 lbs. misc. iron and steel;
(42) 18,300 each Mesembryanthemum Edule cuttings;
(43) 2,445 l.f. steel railing;
(44) 40 each portable timber barricades;
(45) electrical equipment;
(46) remove existing bridge.

Galv. Metal Bin-Type Retaining Wall

(47) 964 ea 9.5 ft. 14 gage stringers;
(48) 254 each 9.5 ft. 14 gage do;
(49) 76 each 9.5 ft. 12 gage do;
(50) 250 each 7.4 ft. 16 gage spacers;
(51) 156 each 9.6 ft. 14 gage do;
(52) 157 each 11.8 ft. 12 gage do;
(53) 47 each 7.4 ft. 16 gage bottom spacers;
(54) 15 each 9.6 ft. 14 gage do;
(55) 15 each 11.8 ft. 12 gage do;
(56) 70 each 9.5 ft. 8 gage stringer stiffeners;
(57) 1,950 l.f. 8 gage columns;
(58) 77 each 12 gage column caps;
(59) 92 each 14 gage column splicers;
(60) 154 each 16x16- in. 1 gage bearing plates;
(61) 46 each 20x20-inch do;
(62) 41 each 2x24-inch do.

2/12/46 • 40
PLANS COMPLETED

NEWPORT BEACH, Orange Co., Calif.—City Engineer R. L. Patterson, Newport Beach, has reported completion of plans for the construction of the following improvements to the Newport Beach city campground and trailer park at Newport Beach:

(1) Install electrical conduit to all lots not now served;
(2) Surface all trailer sites with decomposed granite;
(3) New entrance to grounds at 17th Street;
(40) Move custodian's building;
(15) Construct 14 boat slips at east and west ends of property, leaving the center 500 ft .for use at the trailer park; also remove barge Lottie Carson from channel.

Bids for Item No. 2 are now being taken and will be received by the city council, office of the City Clerk, City Hall, Newport Beach, at 4 P. M., February 18.

2/12/46 • • 40
LOW BIDDERS

CURRY COUNTY, Ore.—M. L. O'-Neil & Son, Eugene, Ore., at $390,-989.45 submitted low bid to W. H. Lynch, division engr., Public Roads Administration, 808 Bedell Building, Portland, Feb. 6, for construction of the Port Orford Timber Access Road on the Oregon Coast Highway in Siskiyou National Forest, Curry County, Oregon.

Second and third low bidders were:
Leonard & Slate, Portland, $407,718.
C. J. Eldon, Portland, $483,997.

2/12/46 • • 40
BIDS WANTED

SACRAMENTO, Calif.—Until Mar. 1, 5 P. M., bids will be received by the City of Sacramento, City Clerk's Office, City Hall, for improvement of 17th Street, 4th Avenue to Vallejo Way.

Specifications obtainable from the above office.

Work involves:

(1) 81 s.f. conc. garage approaches, remove;
(2) 44 l.f. hedge, remove;
(3) 72 s.f. excav. grading;
(4) 7 c.y. fill grading;
(5) 394 l.f. curb and gutters Cut No. 6, construct;
(6) 900 s.f, 3½-in. conc. sidewalks, construct;
(7) 4250 s.f. 5½-in. asph. conc. pave.

2/12/46 • • 40
BIDS OPENED

SACRAMENTO, Cal.—L. G. Lentz, 1620 11th Ave., Sacramento, at $2,-049.66 submitted low bid Feb. 11 to the City of Sacramento, City Hall, for paving alley, 17th, 18th Sts., Capital Ave.

Total bids were:
(A) L. G. Lentz, $2049.66.
(B) A. Teichert & Son, $2,102.
(C) E. F. Hilliard, $2,165.94.

Unit prices were:

	(A)	(B)	(C)
(1)........	$75.00	$100.00	$110.00
(2)........	.25	.25	.60
(3)........	.14	.15	.06
(4)........	1.25	1.35	1.50
(5)........	15.00	15.00	8.00
(6)........	1.05	1.20	1.25
(7)........	55.00	60.00	65.00
(8)........	2.50	2.25	2.50
(9)........	12.50	12.50	12.75

2/12/46 • • 40
BIDS WANTED

EL DORADO COUNTY, Calif.—As previously reported, bids will be received February 14, 2 P. M.. bids will be received by the Federal Works Agency, Public Roads Administration, 720 Phelan Bdg., San Francisco, for furnishing materials and performing the work for construction of Project Calif. FH 32-K, Placerville - Lake Tahoe, Eldorado National Forest, El Dorado County. The length of the project is 3.142 miles.

Plans and specifications obtainable from the above office upon deposit of $10.00, returnable.

Work involves:

(1) force account, extra and misc. work contingent sum $2000;
(2) 38 acres clear and grubb;
(3) 424,000 c.y. unclass. excav.
(4) 2100 c.y. do for structures;
(5) 32,000 c.y. do for borrow;
(6) 1,300,000 yds. sta. overhaul (500 ft. free);
(7) 143,000 c.y. miles special overhaul of borrow (500-ft. free);
(8) 1,000 l.f. furrow ditches;
(9) force account, obliteration of old roadways, contingent sum, $800;
(10) 12,700 units watering of embankment;
(11) 600 units watering of subgrade;
12) 660 units watering of base course
(13) lump sum providing and maintaining water plant or plants;
(14) 16,500 tons crushed gravel or crushed stone base course, Class 2, grading C-1;
(15) pit moves for above item at $1,000 each;
(16) addl. haul for item 14, at $0.07;
(17) 110 tons medium curing cutback asphalt grade MC-2 for prime coat;
(18) 600 tons cover aggregate for type 3 seal coat grading A;
(19) 70 tons medium curing cutback asphalt, grade MC-3 for type 1 and 3 seal coats;
(20) addl. haul at $0.07 per ton mile;
(21) 11,200 tons Class F pavement, type F-1 plant mixture, grading B;
(22) 535 tons asphalt, grade 150-200 for type F-1;
(23) pit moves at $1000 each;
(24) addl. haul at $0.07 per ton mile;
(25) 340 c.y. concrete, Class A;
(26) 39,900 lbs. reinf. steel;
(27) 28,500 lbs. struc. steel, furnished, fabricated and erected;
(28) 1.1 M. ft. BM untreated timber;
(29) 144 l.f. 12-in. corru. galv. sheet metal culvert pipe (asphalt dipped);
(30) 546 l.f. 18-in. corru. galv. sheet metal culvert pipe;
(31) 2,206 l.f. 24-in., 14 gauge corru. galv. sheet metal culvert pipe;
(32) 100 l.f. 24-in., 12 gauge do;
(33) 1 12-inch corru. galv. sheet metal culvert pipe elbow;
(34) 1 18-inch do;
(35) 5 24-inch do;
(36) 98 l.f. removing, cleaning and relaying or stockpiling salvaged culvert pipe;
(37) 4 moving existing headwalls;
(38) 470 c.y. derrick placed rock retaining wall;
(39) 50 l.f. 8-in. perf. corru. galv. sheet metal pipe underdrain;
(40) 6 drop inlets, 18-in. size, type 1;
(41) 9 drop inlets, 24-in. size, type 1;
(42) 15 steel inlet covers;
(43) 2 embankment spillway inlet assemblies, type A, asph. dipped
(44) 150 sq. yds. grouted rubber gutter;
(45) 80 right of way monuments, type A;
(46) 4 concrete maintenance marker posts;
(47) 27 timber culvert markers;
(48) 154 timber guide posts;
(49) 2 timber guide posts with warning reflectors.

2/12/46 • 40
BIDS WANTED

OLYMPIA, Wash.—Until February 26, 10 A. M., bids will be received by the office of the director of highways, Clarence B. Shain, Olympia, Wash., for the construction of the following highway improvements:

1. Grading, surfacing, constructing light bituminous surface treatment and constructing treated pile and timber trestle on 2.15 miles of primary state highway No. 1, Mt. Baker branch, Welcome Grange Hall to Kendall Creek in Whatcom County, Federal Aid Project No. F-202(6), involving about 13.8 acres of clearing, 7.9 acres of grubbing, 36,120 cu. yds. of common excavation, 3100 cu. yds. of solid rock excavation, 14,120 cu. yds. of selected roadway borrow, 5200 cu. yds. of screened gravel surfacing, 500 cu. yds. f crushed cover stone, 680 tons of bituminous cement MC-2, 500 lin. ft. of beam guard rail, 1155 lin. ft. of culvert pipe, 22 M b.m. of treated timber and lumber, 500 lin. ft. of treated timber piling and other items.

2. Constructing a reinforced concrete T-beam bridge, 356 ft. long, across the Wenatchee River on primary state highway No. 2, Dryden vicinity in Chelan County, Federal Aid Project No. F-299(2), Unit 2, involving about 690 cu. yds. of structure excavation, 1030 cu. yds. of class A concrete, 110 cu. yds. of class B concrete, 140 cu. yds. of class D concrete, 712 lin. ft. of reinforced concrete bridge railing, 260,000 lbs. of steel reinforcing bars, 11,000 lbs. of structural steel and other items.

3. Constructing a steel and reinforced concrete overcrossing structure, 618.5 ft. long, to carry primary state highway No. 15 over Great Northern Railway tracks, Scenic vicinity in King County, Federal Aid Project No. FG-293(11), involving about 1024 cu. yds. of structure excavation, 1110 cu. yds. of class A concrete, 245 cu. yds. of class F concrete, 1244 lin. ft. of reinforced concrete bridge railing, 327,000 lbs. of steel reinforcing bars, 552,000 lbs. of structural carbon steel, 3800 lbs. of cast steel and other items.

4. Grading ,surfacing, constructing bituminous surface treatment plant-mix, type class F, preseal treatment, nonskid single seal treatment, on 14.391 miles of secondary state highway No. 5-H, Tenino to Pierce County line in Thurston County, Federal Aid Project No. S-261(8), involving about 3760 cu. yds .of unclassified excavation, 8060 cu. yds. of shoulder material, 2340 cu. yds. of selected roadway borrow, 9710 cu. yds. of crushed stone surfacing, 1120 cu. yds. of crushed stone filler, 2570 cu. yds. of coarse crushed screenings, 1480 cu. yds. of fine crushed screenings, 124 tons of bituminous cement MC-2, 195 tons of bituminous cement RC-5, 22,-350 tons of bituminous mixture plant-mix, type class F, 435 lin. ft. of culvert pipe and other items.

All bid proposals shall be accompanied by a bid proposal deposit in cash, certified check or cashier's check in an amount equal to five per cent (5%) of the amount of such bid proposal. Should the successful bidder fail to enter into such contract and furnish a satisfactory performance bond within the time stated in his proposal, the bid proposal deposit shall be forfeited to the State of Washington

Prequalification of bidders is required. Maps, plans and specifications may be obtained from this office upon written request therefor and payment to the director of highways by cash, certified check, cashier's check or money order the sum of two dollars ($2.00) for each copy of such maps, plans and specifications as a rental for the use of them. Plans will be forwarded by third class mail.

Informational copies of maps, plans and specifications are on file in the office of the county engineer of the county in which the work is situated, the Chapter office of the Associated Seattle, Spokane, Tacoma and Portland, and the offices of the district engineers of the Department of Highways where they may be inspected.

Prospective Bidders

Chevrolet Agency, W. 4th St., San Rafael

BIDS: Architect C. F. Gromme, Alberts Bldg., San Rafael, February 15, 5 P. M.

Younger Construction Co., 575 Mission St., San Francisco.
Litchfield Construction Co. ,721 Francisco Blvd., San Rafael.
John Rocca.
Charles E. Warner, 9 Antoinette Ave., San Rafael.
Peter Sartorio, 262 Clementina St., San Francisco.
De Luca & Son, 1745 Filbert St., San Francisco.
C. F. Betz, Sausalito (Sausalito 1178).

Frozen Food Locker, Greenfield Avenue, San Anselmo, Calif.

BIDS: J. J. Ongara, c/o Architect C. F. Gromme, Alberts Bldg., San Rafael, February 14, 5 P. M.

Gaither & Boe, 421 Alameda Rd., San Anselmo.
Peter Sartorio, 262 Clementina St., San Francisco.
Younger Construction Co., 575 Mission St., San Francisco.
De Luca & Son, 1745 Filbert St., San Francisco.
Litchfield Construction Co., 721 Francisco Blvd., San Rafael.
E. P. Merritt, 102 Rialto Bldg., San Francisco.
Kavanagh, Novato.

Residence, Merced Ave. near Garcia, San Francisco, Calif.

BIDS: Mr. Elrego, c/o Architect John J. Foley, 770 5th Ave., San Francisco, February 14, 5 P. M.

M. J. King, Inc., 231 Franklin St.
Ed Zinkand & Son, 667 36th Ave.
Jack Callaghan, 900 Clayton St.

Improve Landing Field, St. George, Utah

BIDS: Civil Aeronautics Administration, 1500 4th St., Santa Monica, February 18, 10 A. M.; Pro. 6-46-129.

Brown Construction Co., Pueblo, Colo.
W. W. Clyde, Springville, Utah.
Gibbons & Reed C., 259 W. 3rd S., Salt Lake City, Utah.
Vinnell Co., 1145 Westminister Ave., Alhambra, Calif.
Carl E. Nelson, Logan, Utah.
Olof Nelson Construction Co., P. O. Box 267, Logan, Utah.
Wickey Engineering & Construction Co., Field House, College Hill, Logan, Utah.
Garn L. Moody, P. O. Box 469, North Hollywood.
Utah Construction Co., 1 Montgomery St., San Francisco.

Store Building, Valencia near Duvoce Ave. San Francisco, Calif.

BIDS: Kunst Bros., 1035 Mission St., c/o Architect John J. Foley, 770 5th Ave., San Francisco, February 14, 5 P. M.

M. J. King, Inc., 231 Franklin St., San Francisco.
Ed Zinkand & Son, 667 36th Ave., San Francisco.
Jack Callaghan, 900 Clayton St., San Francisco.

Theater Building, Salinas

BIDS: Architect Francis E. Lloyd, 210 Post St., San Francisco, Feb. 15, 4 P. M.

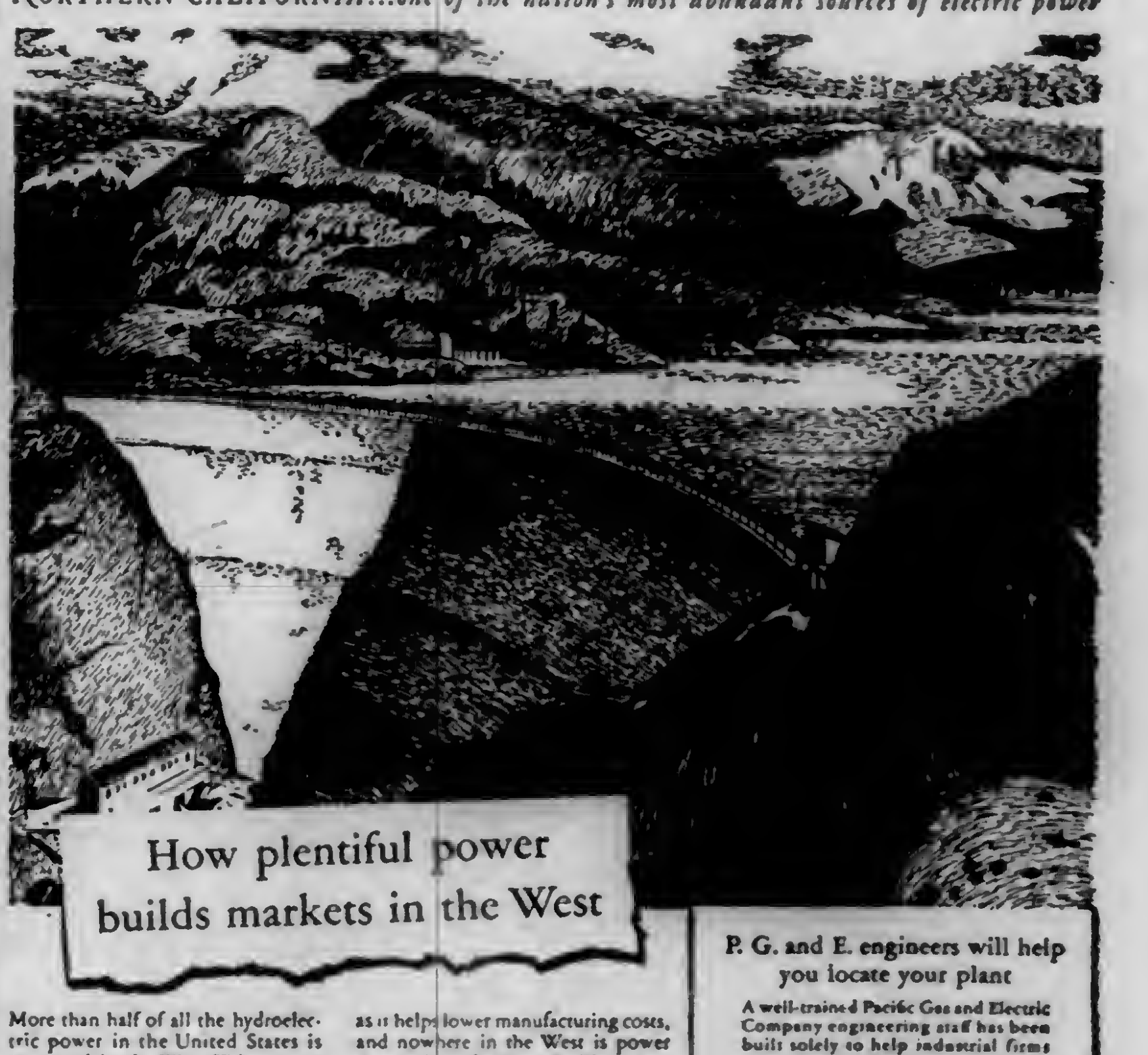
Erbentraut & Summers, 446 Sixth St., San Francisco.
Howson Brothers, Gilroy.
Carl N. Swenson Co., 355 Stockton Avenue, San Jose.

Machinery & Material

(Continued on Page Four)

HEATING BOILERS NEW
IMMEDIATE FACTORY DELIVERY
15 lbs. W. P. Heating Boilers, 715 sq. ft. heat surface, 2916 B.T.U. per hour, mechanically fired
PACIFIC AGENCIES, INC.
Phone YUkon 0247

NORTHERN CALIFORNIA...one of the nation's most abundant sources of electric power



How plentiful power builds markets in the West

More than half of all the hydroelectric power in the United States is generated in the West. Thirty-seven billion kilowatt-hours annually.

And one important result is... better markets for your products.

Western housewives, for example, buy far more home appliances than average housewives. Seventeen per cent more of their homes are wired for electricity, and their standards of living are consequently higher. Western farms use nearly three times as much electricity as average farms, California alone accounting for more than half the country's entire rural consumption.

So plentiful power helps build western markets just as it helps lower manufacturing costs, and nowhere in the West is power more plentiful than in Northern California. Here, the Pacific Gas and Electric Company's vast interconnected generating system has a capacity twice that of Boulder Dam, and 60 per cent greater than Bonneville and Grand Coulee combined. Rates are among the lowest in the nation.

If power is important in your business, either in creating a market or in producing for one, investigate the advantages of locating in Northern California. The Pacific Gas and Electric Company will be glad to help you in every way possible.

Northern California...industrial center of the new Pacific World

PACIFIC GAS AND ELECTRIC COMPANY

P. G. and E. engineers will help you locate your plant

A well-trained Pacific Gas and Electric Company engineering staff has been built solely to help industrial firms learn the facts about locating in Northern California. This staff works closely with established agencies throughout the entire area, and its service includes at no charge...

A thorough study of available sites; photographs, maps, aerial perspectives.

Complete information on environment, transportation, drainage... trucking and freight rates.

Estimated cost of property, of any necessary improvements, of power and other utilities.

For more information, or assistance of any kind, write Pacific Gas and Electric Company, San Francisco 6, California.

POWER... *to Pace the Future*

Electric energy, the "White Coal" of the West, has been an important factor in the challenging growth and prosperity of Northern California. The abundance of this electric power, its widespread distribution at rates among the lowest in the nation, have fostered a live demand for a great diversity of products for the home, farm, factory and business. A dependable supply of hydro-electricity has helped make Northern California one of the richest markets in the Nation.

You, who use electric appliances in your homes and constantly add to this family of mechanical servants, are that market. You buy and use far more electrical appliances than folks elsewhere in the country and you can do so because electricity is convenient and cheap. You, who have farms in Northern California, use more than half of the Nation's entire rural power load. You have complete electric service in your farm home, in the fields and barns. And you, like Northern California business and industry, use electricity to help lower your production costs.

Low cost electric power, and lots of it, has been a builder of markets in Northern California. It took the heavy demands of wartime industries in stride and is ready now to pace the future.

This is the fourth of a series of Pacific Gas and Electric Company advertisements to attract new industry to Northern California. It will appear in Time and the Saturday Evening Post.

P·G·and·E· PACIFIC GAS AND ELECTRIC COMPANY

SX-W-246

OVERHEAD CROSSING, TERMINAL ISLAND, LOS ANGELES

LOS ANGELES, Calif.—As previously reported, Macco Construction Co., Clearwater, at $599,121.50, submitted low bid to State Division of Highways, G. T. McCoy, state highway engineer, State Bldg., Los Angeles, for constructing a structural steel overhead crossing on Terminal Island Freeway over the tracks of Union Pacific Railroad Co., in the City of Los Angeles.

This is a national defense contract.

The work involves:

(1) 3700 cu. yds. structural excavation;
(2) 5960 cu. yds. class A portland cement concrete;
(3) 2,743,000 lbs. furnish structural steel;
(4) 2,743,000 lbs. erect structural steel;
(5) 53,950 lin. ft. furnish timber piles
(6) 1078 each drive timber piles;
(7) 3224 lin. ft. furnish steel piles;
(8) 52 each drive steel piles;
(9) 30 each pile splices;
(10) 1,024,000 lbs. furnish bar reinforcing steel;
(11) 1,024,000 lbs. place bar reinforcing steel;
(12) 2250 lin. ft. steel railing;
(13) electrical equipment;
(14) miscellaneous items of work.

The total bids submitted were:
(A) Macco Construction Co., Clearwater, $599,121.50.
(B) E. B. Bishop, Orland ,$599,879.50.
(C) E. W. Elliott, San Francisco, $621,886.
(D) Guy F. Atkinson, Long Beach, $622,734.
(E) Oberg Bros., Los Angeles, $625,-379.50.
(F) Peter Kiewit Sons C., Los Angeles, $633,629.20.
(G) Robert E. McKee, Los Angeles, $651,366.66.
(H) Pacific Bridge Co., Sa nFrancisco, $658,915.
(I) Geo. Pollock, Sacramento, $663,-562.
(J) Carlo Bongiovanni, Los Angeles, $699,389.84.
(K) Griffith Co., Los Angeles, $733,-712.90.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)
(1)........	$ 2.00	$ 3.00	$ 3.50	$ 2.50	$ 10.00	$ 5.00	$ 9.00	$ 4.00	$ 3.76	$ 5.20	$ 4.10
(2)........	30.00	30.00	30.00	32.00	30.00	33.30	28.50	33.00	38.00	34.00	35.00
(3)........	.08	.085	.08	.075	.078	.082	.093	.084	.082	.09	.10
(4)........	.02	.015	.015	.03	.02	.023	.021	.028	.025	.02	.023
(5)........	.45	.55	.94	.50	.45	.50	.61	.50	.53	.60	.65
(6)........	27.00	22.00	35.00	20.00	30.00	13.50	12.36	27.00	17.00	34.00	30.00
(7)........	2.00	2.75	2.00	2.25	2.00	1.80	2.17	2.00	2.40	2.41	2.35
(8)........	50.00	40.00	80.00	35.00	30.00	32.00	29.00	60.00	85.00	100.00	40.00
(9)........	25.00	30.00	10.00	15.00	15.00	27.50	32.00	50.00	25.00	15.00	17.00
(10)........	.04	.045	.04	.045	.04	.047	.045	.04	.04	.047	.05
(11)........	.02	.01	.01	.015	.02	.0145	.017	.015	.013	.015	.02
(12)........	4.00	4.50	6.00	5.00	4.00	5.00	4.50	5.00	4.45	5.00	5.60
(13)........	3500.00	3000.00	2500.00	2600.00	3250.00	3200.00	3744.00	3000.00	4000.00	2600.00	1700.00
(14)........	1500.00	1000.00	3000.00	1400.00	2000.00	1400.00	2450.00	2500.00	1500.00	16000.00	9000.00

Building Permits, Contracts---Recorded Notices

BUILDING PERMIT Applications $500 AND OVER

SAN FRANCISCO

1-STORY FRAME STORES AND BANK, $30,000; W Polk 82 N Green St; owner and builder, Mendo Corp, 1136-38 Clement St.

ALTER 4 APTS TO 6 APTS., $8000; 3435 Clay St; owner, A E Ritter, prem; day work.

1-STORY FRAME DWELLING, $7000; W Douglass 75 N Romain; owner and builder, L Erlendson, 400 Douglass St.

1-STORY FRAME DWELLINGS (6), $6000 each; W Ralston 200, 225 S Shields; E San Miguel 100, 125 S Mt Vernon; N Silver Ave 150, 175 W Congdon; owner and builder, Boyd C Lindsay, 1176 Alemany Blvd.

1-STORY FRAME DWELLINGS (4), $5800 each; W 44th Ave 200, 225, 250, 275 S Lawton; owner and builder, Marvel Home Builders, 1815 42nd Ave.

1-STORY FRAME HOME, $5000; N DeLong 275 W Head; owner and builder, D Huenergardt, 720 Corbett Ave.

ALTER STORE and OFFICE, $4000; 4732 Geary Blvd; owner, Julius J Masarie, 4811 Geary Blvd; builder, F Grady Van de Griff, 542 6th Ave.

ALTER APARTMENTS, $3500; 3130 Broderick; owner, Mrs McLean, prem; builder, Ernest Donougher, 1420 Castro St.

ALTER OFFICES, $3000; 344 Harriet St; owner and builder, Empire Construction Co, prem.

ALTER STORE, $2700; 39 Grant Ave; owner, R G Scalon, prem; builder, Barrett & Hilp, 918 Harrison St.

ALTER STORE and OFFICES, $2000; 3342 Steiner St; owner, Armin Peters, prem; builder, R V McAninch, 2090 10th Ave.

ALTER WAREHOUSE AND FLAT, $2000; 511 Vienna St; owner, B Castagnetto, 175 Dartmouth St; day work.

ALTER DWELLING, $1950; 108 Dwight St; owner, Mr O'Connor, 2924 San Bruno Ave; bulder, L Lenze, 215 Paul Ave

ALTER BAKERY, $1200; 2767 21st St; owner and builder, Frank Manfre, premises.

ALTER STORE AND FLAT, $1000; 1250 Silver Ave; owner, Abraham Brady ,1248 Silver Ave; day work.

ALTER BUILDING, $1000; 2942 Lyon; owner, Sidney Franklin; builder, Van Bokkelen-Cole Co, 444 Market St.

ALTER LIQUOR STORE and DELICATESSEN, $1000; 2624 24th St; owner, Gregory Cella, 1183 Potrero Ave; builder, Richard M Tone, 1555 Page St.

ALTER HOTEL, $988; 111 Taylor St; owner, Mr Shostach, 1734 Broderick; builder, Leonard Salomon, 1734 Broderick.

ELECTRIC SIGN, $998; 1552 Haight St; owner, Dr Marporie B Stevens, prem; builder, Neon Maintenance Corp, 755 Davis St.

ALTER POOLROOM and LUNCHROOM, $900; 5976 Mission St; owner, Al Hamon, prem; builder, Antonio Midile, 954 Bruncwick St.

ALTER GARAGES, $900; 3911-15 24th St; owner, James R McElroy, 485 Marine Blvd; day work.

ALTER MARKET, $800; 1964 Hyde; owner, L Rosenthal, prem; builder, Fred Hoffma, 15 Sussex St.

ALTER RESTAURANT, $750; 2215 Powell St; owner, Sy Owens, prem; builder, DeLuca & Son, 1754 Filbert.

ALTER DWELLING, $500; 2025 Rivera St; owner, T H Bell, prem; builder, United Roofing & Siding Co, 2906 Mission St.

OAKLAND

ALTERATIONS, $4000; 1311 Washington St; owner, Jukor's Dress Shoppe, prem; builder, W M Towle, 383 9th St.

GARDEN HOUSE, $700; 2008 Assilo-Mar Dr; owner and builder, D A Sibley, premises

1-STORY 6-ROOM DUPLEX, $8000; 3505-09 Suter St; owner and builder, Cornelius Hansen, 3210 35th Ave.

ALTERATIONS, $800; 5752 Foothill Blvd; owner, Hertha Gage, 5754 Foothill Blvd; builder, Helenkamp & Kohler, 2751 Seminary Ave.

1-STORY 4-ROOM DWELLING, $4500; 312 E 11th St; owner and builder, Harry Oliver, 306 E 11th St.

GARAGE, $550; 267 Makin Rd; owner and builder, E B Roundtree, premises.

GARAGE, $500; 228 Fitzpatrick St; owner, E W Holden, prem; builder, Nelson & Rugg, 9532 E 14th St.

1-STORY 4-ROOM DWELLING, $4500; 1640 100th Ave; owner and builder, A C Pritchett, 115 Auditorium Circle.

ALTERATIONS, $1800; 7800 E 14th St; owner, Augustino Govica, 7800 E 14th St; builder, James A Ganley, 855 Midway Ave, San Leandro.

ALTERATIONS, $1500; 972 Grosevnor Place; owner, J Kozack, prem; builder, Peerless Built-In Fixture Co, 2608 San Pablo Ave.

ALTERATIONS AND ADDITION, $3488; 6009 Avenal Ave; owner, R A Cheney, 6009 Avenal Ave; builder A L Branden, 1630 Webster St.

1-STORY BRICK STORE BUILDING, $14,000; 5424 Grove St; owner, E Ellis; builder, R F Johnson & Son, 2036 San Pablo Ave.

1-STORY LOADING SHED AND OFFICE, $30,000; 505 Union St; owner, Cantlay & Tonzola, Inc, 75 Columbia Square, San Francisco; builder, Wagner & Martinez, 181 South Park, San Francisco.

1-STORY SHOP, $500; 3032 Kansas St; owner and builder, Jesse B Taut, 3032 Kansas St.

ADDITION, $2200; 9706 MacArthur Blvd; owner, Ben Edell, 9706 MacArthur Blvd; builder, Alex W Whyte, 2204 E 25th St.

1-STORY 5-ROOM DWELLING, $4000; 8214 Outlook Ave; owner and builder, Skovmand Bros, 3018 Eastman Ave.

1-STORY MILL BUILDING, $18,000; 9031 G St; owner, Lincoln Lumber Co, 2201 E 14th St; builder, Kermit L Lincoln, 1308 105th Ave.

1-STORY 5-ROOM DWELLING, z$5000; 8362 Outlook Ave; owner and builder, Skovmand Bros, 3927 Brookdale Ave.

1-STORY 4-ROOM DWELLING, $3950; 4285 Whittle Ave; owner, C O Peshel, 4276 Fruitvale Ave; builder, Geo O Peshel, 16225 Via Rincon, San Lorenzo.

ADDITION, $1000; 7816 Ney Ave; owner and builder, E M Davidson, 461 Crescent St.

MOVE BUILDING, $1000; 3981 Altamont Ave; owner Andrew Cacioppo, 2674 67th Ave; builder, D M Cotton, 5042 Calaveras Ave.

ADDITION, $1000; 10200 Dante Ave; owner, A Souza, 10200 Dante Ave; builder, D M Cotton, 5042 Calaveras Ave.

ADDITION, $600; 8719 E 14th St; owner, Frank E Polk, prem; builder, Tony M Silva, 8715 A St.

ADDITION, $750; 1700 Seminary Ave; owner, A E Atwood, prem; builder, Helenkamp & Kohler, 2751 Seminary Ave.

BERKELEY

ALTERATIONS, $900; 1926 El Dorado; owner, J M Evans, 1926 El Dorado; builder, Dillon Roofing Co, 5212 San Pablo, Oakland.

5-ROOM DWELLING, $6000; 955 Virginia; owner and builder, Ben W Arnold, 1002 Kains.

STORE, $9000; 1507 San Pablo; owner, F J Walker, 436 Pullman Ave, Richmond; builder, Adams Construction Co, 2649 Benvenue.

ALTERATIONS, $800; 1645 San Pablo; owner, Frank Kim, 1645 San Pablo; builder, Dillon Roofing Co, 5212 San Pablo

ALTERATIONS, $995; 1710 Chestnut; owner, Arie and Idaho Kuiper, 1710 Chestnut; builder, Dillon Roofing Co, 5212 San Pablo, Oakland.

5-ROOM DWELLING, $10,000; 1553 La Vereda; owner and builder, Andrew C Clawson, 1555 La Vereda; architect, J K Ballantine, 137 Harlan Pl, San Francisco.

ALTERATIONS, $1500; 1012 Pardee; owner and builder, Otto Swendermann, 921 University.

REPAIRS, $1800; 1933-35 Alcatraz; owner, E P Crowley, 1933-35 Alcatraz; builder, J V Adams, 744 65th St, Oakland.

ADDITION, $1200; 2016A 9th; owner and builder, Antonia J Almeida, 2016A 9th.

ROOF, $600; 948 Santa Barbara; owner, R L Grieg, 948 Santa Barbara; builder, Evertite Roofing Co, 2309 Milvia.

ALTERATIONS, $1000; 1109 Second; owner, Air Reduction, 1280 45th St, Emeryville; builder, Christensen & Lyons, 3454 Hardin St, Oakland.

FACTORY, $11,000; 1025 Carlton St; owner and builder, Walter L Chesterman, 1150 Winsor Ave, Piedmont; plans by Philip L Coats.

PALO ALTO

RESIDENCE, $15,000; 2344 Webster St; Owner, E C Nelson, 171 University Ave; Sunlite Homes, Inc, 444 Emerson; plans by Walter Schwafel, 444 Emerson.

RESIDENCE, $15,000; 2471 Bryant St; owner, A R Ternquist; builder, Sunlite Homes, Inc, 444 Emerson.

RESIDENCE, $15,000; 2461 Bryant St; owner, A R Ternquist; builder, Sunlite Homes, Inc, 444 Emerson.

RESIDENCE, $15,000; 2360 Webster St; owner, E C Nelson; builder, Sunlite Homes, Inc, 444 Emerson.

RESIDENCE AND GARAGE, $5250; 1176 Greenwood Ave; owners, H V and J M Blassingame, 1175 Greenwood Ave; builder, C W Lehr, 1126 Middlefield Rd; plans by Vance Brown, 1226 Middlefield Rd.

GARAGE, $750; 2344 Webster St; owner, E C Nelson, 171 University Ave; builder, Sunlit Homes, Inc, plans by Walter Schwafel, 444 Emerson St.

GARAGE, ...; 2360 Webster St; owner, E C Nelson; builder, Sunlite Homes, Inc.

GARAGE, $750; 2461 Bryant St; owner, A R Ternquist, 2461 Bryant St; builder, Sunlite Homes, Inc.

GARAGE, $750; 2471 Bryant St; owner, A R Ternquist; builder, Sunlite Homes, Inc.

STOREROOM, $1000; 1484 Hamilton Ave; owner, H B Wickliffe, prem; builder, Aro & Okerman, Box 433, Palo Alto.

RESIDENCE AND GARAGE, $9500; 701 Seneca St; owner and builder, John Christiansen & Son, 575 California Ave.

ALTER RESIDENCE, $500; 336 Gulda St; owner, Henry Agard; builder, O E Abel, 319 Central Ave.

BUILDING PERMITS Granted $500 AND OVER

SAN FRANCISCO

FEBRUARY 9, 1946

BLDG, 2-story frame, $8500; S Carmel St 131.8 W Cole; owner, John and Ida Beck.

BLDG, all-steel, $7000; E Fillmore 60 N Lombard; owner, A Zsetich.

ALTER dwelling, $500; 194 Montana; owner, Vincent Pagliaro.

ALTER dwelling, $500; 130 Beverly St; owner, Harold Leland.

ALTER flats, $1900; 57 Noe Street; owner, Frank Becker.

ALTER dwellings, $6400; 2943 Webster St; owner, Ralf Spinozzi and Alex Petrini.

BLDG, 1-story frame, $8000; NW Cor Lisbon and Frances Aves; owner, George Fazio.

ALTER store, $500; 585 Market St; owner, Louis Ferroggiaro.

DWELLING, 2-story frame, $8500; NE Cor 36th Ave and Ortega St; owner, Morton Rude.

CHURCH, frame, Terresita and Arroyo Way; $18,000; owner, Grace Reformed Church.

ALTER dwelling, $500; 106 Santa Marina; owner, Hans Sonderegger.

ALTER store, $2500; 877 Market St; owner, Grayson's.

BUILDING CONTRACTS

ALAMEDA COUNTY

SERVICE STATION
13th and JACKSON STS, Oakland.
Owner—Union Oil Co of Calif, Los Angeles.
Architect—Harry A Bruno, Oakland.
Contractor—C N Peterson, Berkeley.
Filed, February 8, 1946. Dated, ...
10th of each month........................75%
30 days after completion..............25%
TOTAL COST, $10,692
Bond, $10,692. Sureties, Indemnity Insurance Co. of North America; limit 45 days; plans and spec. filed.

ALTERATIONS, Heating and Ventilating work.
496 LAKE PARK AVE, Oakland.
Owner—Bank of America.
Architect—Not Given.
Contractor—City Cornice Co, Inc.
Filed, February 9, 1946. Dated, ...
15th of each month........................75%
Usual 35 days after completion..25%
TOTAL COST, $3,773
Bond, $3,773. Sureties, Columbia Casualty Co. Forfeit, $10 per day. Limit 11 weeks. Plans and Spec. filed.

MONTEREY COUNTY

Lot 73 by 150 ft. on Alisal St. just outside the City of Salinas.
Wiring Fox Salinas Theaters, Ltd., Building.
Owner—Fox Salinas Theaters, Ltd., and Lawrence Borg & John Peters.
Architect—Carl G. Morller or Elmer Hanks.
Contractor—Louis Electric Co., consisting of Louis Schallich, 283 E. Alisal St., Salinas.
Signed—December 15, 1945.
Recorded—February 7, 1946.
1st and 15th days of each month..75%
Usual 35 days after completion....25%
Total $6560
Bond, yes; suretes, yes; forfeit, yes; limit, yes; specifications filed, yes; plans filed, yes.

Plumbing Permits

BERKELEY

27274 1724 Rose; owner, Cordes; dealer, Berkeley Plumbing; water closet; shower.

27275 1014 Fresno; owner, E A Stanford; dealer, W M Lester; wash basin.

27276 1749-57 Solano; owner, Beckett & Federighi; dealer, L J Kruse; 5 water closets; 5 wash basins; 5 sinks; 5 drains.

27277 1749-57 Solano; owner, Beckett & Federighi; dealer, L J Kruse; 5 water supply.

27278 2820 Claremont; owner, Harris; dealer, J H Jevans; water closet; wash basin; bath tub; wash tub.

Furnace Permits

OAKLAND

6827 MacArthur; owner, D Arieta; dealer, Gernhardt-Strohmaier; floor.

713 20th St; owner, Lincioni; dealer, Gernhardt-Strohmaier; floor.

2921 60th Ave; owner, H McIntire; dealer, Bay Cities Htg & Vent; floor.

406 McAuley; owner, Rev Ingerson; dealer, Bay Cities Htg & Vent Co; floor.

5629 Genoa; owner, B Charleson; dealer, Aladdin Htg Corp; central.

594 30th St; owner, Martin; dealer, Harold Sogn; floor.

1178 24th St; owner and dealer, E Silva; floor furnace.

978 39th St; owner, Thexton; dealer, Goodwin App Co; floor.

889 59th St; owner, J Driver; dealer, Goodwin App Co; floor.

9750 Edes St; owner, ...; dealer, Wm Ambrose; floor.

Completion Notices

ALAMEDA COUNTY

Feb. 9, 1946—Lot 71, Tract 526, Alameda, Calif. John F Ward to whom it may concern....Feb. 7, 1946

Feb. 9, 1946—954 Adams St, Albany, Calif. Victor G and Marjorie M Flashman to whom it may concern.................................Feb. 7, 1946

MARIN COUNTY

Feb. 8, 1946—Mill Valley. Frances C. Adams to Woodley B Smth Jr ....Jan. 30, 1946

Feb. 8, 1946—Osgood Tract, San Anselmo. Ralph Hoy to Litchfield Construction Co............Jan. 30, 1946

MONTEREY COUNTY

Feb. 8, 1946—Lot 16, Block 3B, Pardise Park Tract No 3, Carmel-by-the-Sea. Robert and Hilda Guthrie, Carmel, to Stolte, Inc...Feb. 4, 1946

Feb. 8, 1946—Ptn Lot 21, Block 5, Live Oak Park, Monterey County, just outside of the City of Monterey. Fred S and Ola B Sellers, P O Box 607, Monterey, to Charles I Hufford..........................Feb. 1, 1946

Liens Filed

ALAMEDA COUNTY

Feb. 9, 1946—Ptn Lots 18 and 19, Block 14, Map Daley's Scenic Park, Berkeley Calif Herman C Krushwitz vs Clarice C and John R Murray $951.00

SAN FRANCISCO

Recorded Amount
Feb 11, 1946—N LA SALLE 40 W Mendell W Kirkham and Mendell NW 76 SW 99.75 to beg of lot SW 106.21 N W26.49 NE 97.47 SE 25
NE La Salle Ave th NE and parl with SE 3rd 88.539 SE 25 SW 97.47 NW 26.49. Geo N Wienholz vs Chas E Daly and P Stifanuto.. ....$63797

Non-Responsibility

SAN FRANCISCO

Feb 11, 1946—1739 FILLMORE ST. Louis Kaliski and D B Levin as to improvements on property.

Feb 11, 1946—3901 MISSION ST. General Mfg Co as to improvements on property.

Feb 9, 1946—E 15th AVE 225 S Irving St S 25 x E 127-6. Wm E Jr and Sadie H Parker as to improvements on property.

Feb 9, 1946—1335 FILLMORE ST. Ray Leventritt and Mortimer C Leventritt, trs as to improvements on property.

Feb 7, 1946—122-124½ CARL ST. Jos F Mannion as to improvements on property.

Feb ... 1946—333 O'FARRELL ST. James H Lambert as to improvements on property.

Electrical Permits

SAN FRANCISCO

8506-09 Various locations and owners; contractor, Wonderlite Neon Prod Co; signs.

8510 1736 Haight St; owner, Golden State Theatre; contractor, Edw W Scott Elec Co; alterations.

8511 49 4th St; owner, Greenbach; contractor, Edw W Scott Elec Co; ----

8512 821 Market St; owner, Pacific Bldg; contractor, Edw W Scott Elec Co; alterations.

8513 3354 Steiner; owner, T Bozzini; contractor, Martinez Elec; six outlets; 3 switches; 5 plugs; service.

8514 1886 35th Ave; owner, John Glasner; contractor, MacCabe Elec Co; service.

8515 1540 Revere Ave; owner and contractor, Geo N Lithell; motors.

8516-17 Various locations and owners; contractor, West Coast Adv Co; signs.

8519 3109 Ortega; owner, B Lewis; contractor, Grandi Elec Co; 10 outlets; 9 switches; 16 plugs; service; motors.

8520-21 3621-27 Ulloa; owner, B Lewis; contractor, Grandi Elec Co; 10 outlets; 9 switches; 16 plugs; service.

8522-27 119-123-118-130-134-138 Victoria St; owner, O'Reilly; contractor, Grandi Elec Co; 10 outlets; 16 plugs; 9 switches; service.

8528 55 Taylor; owner, Leo's; contractor, W B Baker & Co; 3 outlets.

8529 4424 3rd St; owner, Solari's Market; contractor, W B Baker; motors; service.

8530 363 Golden Gate Ave; owner, Bearing Mfg; contractor, W B Baker & Co; alterations.

8531 1649 Market St; owner, Uptown Club; contractor, W B Baker & Co; motors.

8532 353 3rd St; owner, Walter Bihms; contractor, John Philis; six outlets.

8533 259 Roosevelt; owner, Wiley Furn Co; contractor, Arc Elec Co; motors.

8534 1350 Lake St; owner, H H Lond; contractor, Arc Elec Co; ......

8535 Thornton and Reddy; owner, Starelli; contractor, Arc Elec Co; ---

8536 115 4th St; owner, Castle Coffee Shop; contractor, Central El Co; ....

8537 S Marketw 100 W Church; owner, Erbentraut & Summers; contractor, Central Elec Co; ....

8538 1408 Market; owner, Punch Bowl; contractor, Central Elec Co; alterations.

8539 1841 Post; owner, Bell; contractor, Casey Elec Co; motors.

8540 530 Gough St; owner, ...; contractor, Casey Elec Co; motors.

8541 Tracks 22, 23, 24 bet 5th and 6th Sts and Townsend; owner and contractor, S P Co; 20 outlets; serv.

8542 S Topeka 120 W Venus; owner, Perkins; contractor, Richmond Elec; service.

8543 315 Turk St; owner, F Krittla contractor, Fred D Wilson Co, Inc; ....

8544 877 Market; owner, Graysons; contractor, Frank F Goodman; 20 outlets; 4 switches; 4 plugs; alterations.

8545 723 Irving St; owner, Petaluma Egg Co; contractor, Smith Elec Co; 2 plugs; service; motors.

8546 884 Market St; owner, Florsheim; contractor, Smith Elec; service; motors.

8547 256 Sutter; owner, Potter; contractor, Smith Elec; ....

8548 369 Pine St; owner, Caldwell & Banker; contractor, O'Keeffe, The Fan Man; motors.

8549-60 Various locations and owners; contractor, Neon Mtce Corp; signs.

8561 593 4th Ave; owner, A Bartel; contractor, Kennedy Elec Co; 5 plugs.

8562 E 29th Ave 75 N Pacheco; owner, Marvel; contractor, B J Doherty; ....

8563 W 44th Ave 225 S Lawton; owner, Marvel; contractor, B J Doherty; ....

8564 W 22nd Ave 193 N Noriega; owner, Marvel; contractor, B J Doherty; ....

8565 SE Cor 45th Ave and Moraga; owner, Marvel; contractor, B J Doherty; ....

8566 2528 Irving St; owner, Funeral Parlos; contractor, Century Elec Constr Co; ....

8567 840 Clement St; owner, Marcella; contractor, Century Electric Constr Co; 10 plugs.

BERKELEY

593 2399 Prospect; owner, Nicholas Johnston; contractor, V G Electric; 50 outlets; 31 switches; 81 plugs; 26 circuits.

594 1726 Dwight; owner, T Hall; contractor, Service Heat & Power; 2 circuits; 5 plugs.

595 2729 Piedmont; owner and contractor, Berkeley Board of Education; 12 outlets; 4 switches; 12 fixtures; 4 plugs; 4 circuits.

596 3332 Adeline; owner, Golden Gate Theater; contractor, Matson Electrical; 1 outlets; 1 fixture.

OAKLAND

35375 SW corner 76th Ave and MacArthur; owner, Carl Franzen; contractor, Spott Electrical; outlets; switches; fixtures; plugs.

35376 415 4th St; owner, Ballard; contractor, Spott Electrical; outlets; fixtures; alterations.

35377 1081 22nd St; owner, California Motor Express; contractor, Spott Electrical; alterations.

35378 462 8th St; owner, Home Modernization; contractor, Clifford Electric; fixtures; alterations.

35379 4778 E 14th St; owner, M Stone Co; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35380 3511 E 14th St; owner, Harry Becker; contractor, Clifford Electric; alterations.

35381 244 Covington; owner, A Swenson; contractor, special owner; alterations.

35382 10125 E 14th St; owner, Bud & Harry's Auto Mart; contractor, Broadmoor Electric Co; 1 outlet; 1 switch; 1 fixture; 1 plug; new service.

35383 5026 Telegraph Ave; owner, Temescal Dime Store; contractor, Broadmoor Electric; 10 fixtures.

35384 4108 Park Blvd; owner, Mr Smith; contractor, Broadmoor Electric; 16 fixtures.

35385 9612 E 14th St; owner, Jacobsen & Robinson; contractor, Radiant Neon Co; 3 transformers.

35386 SW corner San Pablo and 30th St; owner and contractor, Foster & Kleiser; 3 outlets; 1 switch; 3 fixtures.

35387 964 46th St; owner, Pucetti; contractor, Collins Electric Co; outlets; switches; fixtures; plugs.

35388 3300 Broadway; owner, Joe Donham; contractor Paramount Electric Co; alterations.

35389 3280 E 14th St; owner, Oliver's Dress Shop; 4 fixtures.

35390 9801 E 14th St; owner, Heinemann; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35391 2923 Adeline; owner, Doe; contractor, California Electric Co; motors; alterations

35392 1222 47th St; owner, Spencer Nahn; contractor, California Electric; 15 hp motor; alterations.

35393 5717 Shafter Ave; owner, Miss Bessie Korn; contractor, College Avenue Electric; 1 outlets; 1 switch.

35394 833½ Portwood; owner, Vierra; contractor, Dimond Electric; 5 outlets; 1 switch; 2 plugs.

35395 300 13th St; owner, Harry Miller; contractor, Matson Electrical Equipment; 1 outlet; 6 fixtures; alterations.

35396 222 9th St; owner, Graybar Electric; contractor, Matson Electrical; alterations.

35397 519 17th St; owner, Roxie Theater; contractor, Matson Electrical; 8 outlets.

35398 foot of 18th Ave; owner, Port of Oakland; contractor, T L Rosenberg; 8 outlets; 2 switches; 8 fixtures.

35399 14th and Grove St; owner, Oakland Ice Rink; contractor, T L Rosenberg; 2 outlets.

35400 3237 Foothill Blvd; owner, Pember's; contractor, General Neon Lite Co; sign; alterations.

35401 Corner Montana and Fruitvale; owner, Sunset Gas Station; contractor, General Neon Lite Co; sign.

35402 3408 San Pablo; owner, Joseph Conow; contractor, General Neon Lite; sign.

35403 1003 E 11th St; owner, May Y Chan; contractor, special owner; 2 outlets; 2 switches; 2 fixtures.

35404 969 63rd St; owner, Poncino; contractor, South Berkeley Electric; 1 outlet; 1 switch; 1 fixture; 2 plugs.

35405 249 Montecito; owner, Reiger; contractor, South Berkeley Electric; 2 outlets; 1 switch; 2 fixtures; 2 plugs.

35406 533 Merrimac; owner, Egli; contractor, South Berkeley Electric; 1 outlets; 1 switch; 1 fixture

Use "Builderads"—They Bring Results

Engineering Section

(Continued From Page Three)

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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42— MISC. SUPPLIES AND MATERIALS

2/12/46 • 42
BIDS WANTED

PARADISE, Butte Co., Calif.—Until February 20, 12 Noon, bids will be received by the board of directors at the office of the Paradise Irrigation District, Paradise, for spiral welded pipe, fabricated, tested, dipped and wrapped in 40-ft. lengths, ends belled for field welding, asphalt dipped and wrapped with 23½-lb. asbestos pipeline felt, as follows:

Unit No. 3
(1) 80 lin. ft. 12-in. O.D., 10-gauge;
(2) 3812 lin. ft. 10-in. O.D., 10-gauge;
(3) 5521 lin. ft. 8-in. O.D., 12-gauge;
(4) 7700 lin. ft. 6-in. O.D., 12 gauge.
Unit No. 4
(5) 4351 lin. ft. 20-in. O.D., 10-gauge;
(6) 3038 lin. ft. 18-in. O.D., 10-gauge.

All of above pipe and fittings shall be made to specifications on file in the office of the Paradise Irrigation District, Paradise, Calif.

Bids will be opened at the office of the Paradise Irrigation District, Wednesday, February 20, 1946, at 2 P. M.

2/12/46 • 42

DENVER, Colo.—Until Feb. 18 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Inv. C-22,335-A, for furnishing fob shipping point and/or Casper, Wyo., the following:

Schedule No. 1: (1) 1,029,000 l.f. steel-reinf., bare aluminum stranded conductor; (2) 230 only compression connectors; (3) 60 compression repair sleeves; (4) 2000 tapered armor-rod assemblies; (5) 50 parallel groove clamps; (6) 150 vibration dampers; (7) one set equipment for installing the connectors and repair sleeves; (8) 2 wrenches for installing armor-rod assemblies.

Schedule No. 2: (9) 1,029,600 l.f. hollow, bare-drawn bare copper conductor; (10) 230 compression, or rolled-type, connectors; (11) 50 parallel groove clamps; (12) 1 set equipment for installing the connectors.

Specifications obtainable from the above office.

2/12/46 • • ....
BIDS OPENED

SANTA CRUZ, Santa Cruz Co., Cal.—Following bids were received Feb. 11 by the City Council of Santa Cruz, A. J. Miller, clerk, for furnishing one Austin-Western power grader, or equal, and a tandem roller, or equal.

Western Traction Co., Galleon model No. 102, including price fob Santa Cruz, $6,922; (Alt. bid) $7707; tandem roller, $3,730; total bids, $10,400 and $11187.

Edw. R. Bacon Co., Austin Western model, $7,180; Austin Western roller, $3,650; deliv. to Santa Cruz; no sales tax.

E. F. Hale, tandem roller, $3,600 fob Santa Cruz.

43— MACHINERY AND EQUIPMENT

2/12/46 • 43
BIDS WANTED

STOCKTON, San Joaquin Co.,Calif.—Until February 25, 5 P. M. (bids to be opened at 8 P. M., bids will be received by the Stockton City Council, B. L. Trabern, city clerk, City Hall, for furnishing one motor street sweeper.

Each bid must be accompanied by certified check payable to the city auditor in amount of 10% of bid.

2/12/46 • 43
BIDS WANTED

MENDOCINO COUNTY, Calif.—Until February 15, 2 P. M., bids will be received by the State Division of Highways at the office of the district engineer, 546 W. Wabash Ave., Eureka, for the rental of one only 150- to 210-cu. ft. portable air compressor for not to exceed 3 months' work near Cummings in Mendocino County.

Proposal forms available from the above office.

2/12/46 • 43
BIDS WANTED

MIRAGE FLATS PROJ., Neb.—John W. Beam, Denver, at $575 for Item 1, and the Gabriel Fabrication & Erection Co., Portland, Ore., at $640 for Item 2, awarded contracts by the Bureau of Reclamation, Purchasing Agent, Room 400, Denver, for furnishing and delivering fob cars at the shipping point or fob cars at Hay Springs, Neb., at the option of the bidder, one adjustable weir with 24-inch handwheel lift, frame, and rubber belting; one 8x5-foot radial gate, with 5-inch diam. rollers, pin bearings, and 10-inch wall plates without butt splices; and one 3,000-lb. capacity, manually operated radial-gate hoist, complete with all parts and accessories for installation in the Sturgeon lateral at Peter's lateral turnout, sta. 116 plus 24, Mirage Flats Project, Nebraska.

The weir, gate, and hoist will be installed by the Government.

2/12/46 • 43
BIDS WANTED

DENVER, Colo.—Until March 28, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1165 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Coram, Calif., at the option of the bidder, two complete hydraulic gate hoists with accessory equipment and, in addition thereto, miscellaneous parts and accessory equipmnet for one additional hydraulic gate hoist to alter and complete a hydraulic hoist now owned by the government. The hoists will be used to operate 15.0- by 19.05-ft. penstock coaster gates at the Shasta Dam, Kennett Divslon, Central Valley Project, California. The penstock coaster gate hoists and hoist equipment will be installed by the government. The specifications do not contain a provision for liquidated damages for delay. No charge for copies of specifications to prospective bona fid bidders; to others, $1.25, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colo.

2/12/46 • 43
CONTRACTS AWARDED

BOULDER CANYON PROJECT, Arizona-California-Nevada.—As previously reported, the Western Gear Works, Seattle, Wash, at $17,640 for item 2, and Berkeley Steel Construction Co., Berkeley, Calif., at $10,780 for item 1, awarded contracts by the Bureau of Reclamation, Denver, Colo., under Spec. 1117 for furnishing and delivering seven 21-ft. 4-in. by 13-ft. 6-in. radial gates with rollers and pin bearings, and seven 15,000-lb. capacity, motor operated, radial gate hoists, complete with accessories for check, All-American Canal System, Boulder Canyon Project, Arizona-California-Nevada.

2/12/46 • • 43
BIDS OPENED

SAN FRANCISCO.—Following bids were received February 11 by M. H. Gerry, Purchaser of Supplies, 270 City Hall, San Francisco, under Bid No 3468 for furnishing and delivering brake blocks for the Municipal Railway:

Colyear Motor Sales Co., (1) $2.41; (2) $3.27.
Brunton,s Auto Service, Inc., (1) $4.29 (2) $5.84.

2/12/46 • • 43
BIDS OPENED

SAN FRANCISCO.—Following bids were received by M. H Gerry, Purchaser of Supplies, 270 City Hall, under Bid No. 3470 for furnishing and delivering 24-in. cast iron bell and spigot, Class D fittings for the San Francisco Water Department:

Empire Foundry Co., $3,073. 30 days net; 80 day delivery.
U. S. Pipe & Foundry Co., (1) $113.65 each; (2) $124.20 each; (3) $43.75 each; net cash 30 days; 140 day delivery.

2/12/46 • • 43
BIDS WANTED

SACRAMENTO, Calif.—Until Feb. 25, 5 P. M., bids will be received by the City of Sacramento, City Clerk's Office, City Hall, for 10,000 feet of 6-inch asbestos cement pipe for the Water Department.

Specifications obtainable from the above office.

2/12/46 • 43
NO BIDS RECEIVED

ALAMEDA COUNTY, Calif. — No bids were received February 11 by John H. Skeggs, district engineer, 2001 Van Ness Ave., San Francisco, for rental of one crawler type tractor with gas or diesel powered 20 to 30 h.p., equipped with a disc cultivator, for intermittent service totaling approximately 50 hours of work in roadside cultivation in Alameda County.

2/12/46 • 43
BID OPENED

SACRAMENTO, Cal.—Frank Murray, Sacramento, at $870.07 each (turn in for old equipment $175 each), submitted only bid to the City of Sacramento, City Hall, for motorcycles for the traffic department.

Prospective Bidders

Oregon Residence, San Anselmo, Calif.

BIDS: San Francisco Theological Seminary, San Anselm, February 21, 3 P. M. Plans by Architect James H. Mitchell, 407 Sansome St., San Francisco.

B. & R. Construction Co., 268 Market St., San Francisco.
D. B Ferrero, 31 Belle Ave., San Anselmo.
Litchfield Construction Co., 721 Francisco Blvd., San Rafael.
Peter Sartorio, 262 Clementina St., San Francisco.
S. J. Amoroso Construction Co., 2100 Oakdale Ave., San Francisco.

Sheet Metal Shop, 22nd and S Sts., Sacramento

BIDS: Architect Gordon Stafford, Insurance Bldg., 906 K St., Sacramento, February 15, 4 P. M.

Campbell Constr. Co., 800 R St., Sacramento.
Lawrence Constr. Co., 3020 V St., Sacramento.
Holdener Constr. Co., 2608 R St., Sacramento.
Chas. F. Unger, 2426 Seventh Ave., Sacramento.
H. W. Robertson, 2917 T St., Sacramento.
Central California Constr. Co, 116 Erie St., San Francisco.

Shops Building, Junior College Site, Peninsular Ave. and Delaware St., San Mateo, Calif.

BIDS: San Mateo Junior College District, business office, San Mateo Junior College Science Bldg., San Mateo, February 13, 8 P. M. Plans prepared by Architect Harry A. Thomsen Jr., 315 Montgomery St., San Francisco.

C. L. Wold Constr. Co., 4412-4416 Fulton St., San Francisco.
MacDonald, Young & Nelson, 127 Montgomery St., San Francisco.
Monson Brothers, 475 Sixth St., San Francisco.
Midstate Constr. Co., 1290 Bush St., San Francisco.
James I. Barnes Constr. Co., 941 Russ Bldg., San Francisco.

Track and Telephone Line Relocation, Idaho Northern Branch, Oregon Short Line Railroad

BIDS: Bureau of Reclamation, Boise, Idaho, February [illegible], 10 A M.

Nat McDougall Co., Sherlock Bldg., Portland.
Max J. Kuney Co., N [illegible] Ralph, Spokane.
Vernon Brothers, 8th and Orchard Avenue.
M. K. Engineering Co., Inc., Albany, N. Y.
Wixon-Crowe, Redding, Calif.
Condon-Cunningham Co., Omaha, Nebraska.

Sheet Metal Shop, 22nd and S Sts., Sacramento

BIDS: Architect Gordon Stafford, Forum Bldg., Sacramento, February 15, 4 P. M.

Transwestern Construction Co., 1402

Home Show

(Continued from Page 1)

nancing construction, and a wide assortment of firms making vital products for building and home use.

Two large organizations, the Los Angeles City Department of Water and Power and the Natural Gas Bureau, have reserved space in which to tell the public something of the workings of their organizations.

Potentialy home builders and buyers, according to Brock, will find in the outdoor exhibits much of interest in the overall planning of a home. There will be demonstrations of how best to locate swimming pools, barbecue pits, sports courts and outdoor living room so that they fit harmoniously into the general landscaping plan. Model homes of varying designs will be open for public inspection on the grounds surrounding the auditorium, while new construction developments in commercial, industrial and public building will be illustrated by scale models and maps, photographs and drawings.

Expected to draw heavy interest, said Brock, will be the displays showing construction uses of new metals such as duraluminum and stainless steel; the public, too, will be afforded the opportunity to see and test examples of acoustics materials, insulation and plastics now going into the 1946 version of dwelling and commercial units.

Other exhibits will feature television screens that also may be used for some motion pictures, health lamps for "indoor sunbathing", germicidal lamps and, for use in outdor living rooms, insect-repelling lamps.

Officers of the show besides Brock and Gibbs are Earl S. Anderson and Frank Jani, first and second vice presidents. respectively, and A. L. Stone, treasurer.

The exposition and show will be presented by a non-profit corporation comprising 14 trade associations. They are the Pacific Coast Gas Association, Southern California Radio and Electrical Appliance Association, Southern California Radio and Electrical Appliance Association, Southern California chapter, Associated General Contractors of America; Building Contractors Association of California, Inc.; Contracting Plasterers Association of Southern California; Heating, Pipe and Air Conditioning Contractors Association of Southern California, Inc.; Los Angeles Chamber of Commerce, Merchant Plumbers Association of Los Angeles, Southern California chapter, Home Builders and Subdividers of the National Association of Home Builders of America; Painting and Decorating Contractors Association of Los Angeles, Inc.; Refrigeration Contractors Association, Inc.; Los Angeles chapter, National Electrical Contractors Association; and the Sheet Metal Contractors Association of Southern California.

Never before in the West have so many trade groups banded together for the purpose of staging an exposition to display the products of their endeavors.

Reservations for space in the show may be made with the Tabery Corporation, 3443 South Hill St., Los Angeles 7; PRospect 1264.

—#—

EMPLOYMENT SERVICE

For further information regarding positions listed under this classification address Newton D. Cook, Manager, Engineering Societies' Personnel Service, 57 Post St., San Francisco.

ARCHTL. DRAFTSMAN, for work on precision-built homes. Sal. open. San Mateo County. S-570. Newton D. Cook, 57 Post St, San Francisco.

ACOUSTICAL ENGR. for estimating and selling. Sal. open. Perm. San Francisco. S-566. Newton D. Cook, 57 Post St., San Francisco.

ARCHTL. DESIGNER with several years exper. on the drawing board for construction company. Sal. open. San Francisco. S-573. Newton D. Cook, 57 Post St., San Francisco.

ARCHTL. DESIGNER. exper. on industrial work. Sal. $400-450 month. San Francisco. S-471. Newton D. Cook, 57 Post St., San Francisco.

MECHL. DESIGNER, for layout and details of can making machines and conveyors. Exper. required. Sal. open. San Francisco. S-537. Newton D. Cook, 57 Post St., San Francisco.

DRAFTSMAN with some exper. on piping and conc. foundations. Salary open. San Francisco. S-575. Newton D. Cook, 57 Post St., San Francisco.

Classified Advertising

WANTED

ESTIMATOR with Building exp. or Engineering training. State previous exp. and education. Good future for ambitious young man. Reply Box 136 c/o Daily Pacific Builder. (tf)

BLDG. CONSTR. SUPT., good future. State experience and references. Reply Box 18, c/o Daily Pacific Builder. tf

Experienced ESTIMATOR for general contractor. Experienced in take-off and estimating of industrial buildings and heavy construction. Location, Sacramento. Salary open. Send particulars to Box 29, c/o Daily Pacific Builder. to 2/21/46

POSITION WANTED

POSITION WANTED
SALESMAN, familiar with plans and detail all building lines, desires connection. Reply Box 28, c/o Daily Pacific Builder. to 2/[illegible]/46

CONSTRUCTION MAN, [illegible] years' exper., age [illegible]; houses, stores, industrial, frame reinforced concrete. Estimating. Bid Supervision; 8 years construction material exp. For interview: H. Hines, Box 943, Concord, Calif. (to 2/12/46)

Exp. all-round CONSTRUCTION SUPT. holding Class A California Contractor's License, desires connection with general contracting firm in Bay district. Write to 215C S. American St., Stockton, Calif., or phone 2-4688. (2/5-6-7-8-11/46)

HELP WANTED

ESTIMATOR with PAINTING CONTRACTING EXPERIENCE. Apply 2019 Blake St., Berkeley. Phone AShberry 1616. to 2/21/46

FOR RENT

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PLANS and Speculations

Woodlake, Tulare Co.: Voters of the elementary school district will decide a proposed $72,000 bond issue February 21. Funds will be spent for the construction of additional classrooms.

oOo

Gridley, Butte Co.: D. A. Stewart, president of the Farmers' Cooperative Creamery, has announced plans for the erection of a modern creamery on Highway 99, just south of town. It is anticipated that the cost of the building and equipment will exceed $500,000. The Cooperative will build the plant, Golden State Co., Ltd., will equip and operate it.

oOo

Porterville, Tulare Co.: Justin C. Schroeder, owner of the new Porterville Hospital, has engaged architect Douglas D. Stone and Lou B. Mulloy, Associate, 381 Bush St., San Francisco, to draw plans for the enlargement of the institution. Cost of the improvement will be around $85,000.

oOo

Sacramento: The Zellerbach Paper Company will construct a modern one-story fireproof plant on a 10-acre site in the Industrial Park Area at a cost of $350,000, including equipment. The plans were announced by Leland J. Doherty, manager of the Sacramento division for the company.

oOo

San Leandro: T. E. Morehouse has revealed plans for the construction of a frozen food locker plant at the northeast corner of Davis and Dabner Streets. Cost of the building is estimated at about $20,000 and the refrigeration equipment at $20,000.

oOo

Oakland: Frank W. Wentworth, financial vice-president of Mills College, has announced that a total of $225,000 is now on hand for a program which includes a life science hall, a library building and a residence hall. Clarence Mayhew, Piedmont architect, has been selected to design the buildings. The science hall will be erected first under present plans.

oOo

Downey Urges CVP Get 50 Millions For Next Year

Senator Sheridan Downey of California has urged Secretary of Interior Harold L. Ickes to push the state's Central Valley Project to the limit in the fiscal year starting next July 1 and has suggested "an appropriation of at least $50,000,000," for its major lines of development.

In a letter to Secretary Ickes, released at his Washington office this week, Senator Downey said: "Any survey of the Western post-war situation immediately brings up the development and utilization of the vast resources of the valleys of the Sacramento and the San Joaquin and the mountain region lying within their watersheds.

"The land, water and hydro-electric resources of these river basins comprise one of the greatest potentials in Western America for building new homes, farms and industries for thousands of returning veterans and for displaced war workers in the overflowing cities of the Pacific Slope."

The California Senator emphasized that the Central Valley Project should not be considered as part of a public works program; the potentials of the central valley, he said, being so obvious, and the need of supplying the water-deficient San Joaquin from the richer resources of the Sacramento so urgent, there could be no sound reason to delay the project to provide a reservoir of work in future years.

Urging Mr. Ickes to present the project's needs to Harold D. Smith, director of the bureau of the budget, and to "make a vigorous ap-

(Continued on Page Four)

GROOVER AND I

TALKING TOO MUCH

After UNCIO, talk began to turn toward a permanent home for UNO. Five hundred acres was mentioned as being spacious and adequate.

* * *

San Francisco got off with a delayed start in bidding for the permanent home. We are still in there pitching, but in view of recent developments, **perhaps we are talking too much—we better grab our hat and sneak out during the newsreel.**

* * *

Committee on Permanent Site has put the finger on a spot on the NY-Conn. line—**42 square miles of the most valuable suburban real estate in this Nation!**

* * *

That isn't all: They want this area with extra-territorial rights—outside the law and domain of this Republic. Further, they want a temporary home in downtown New York with night clubs, red leather cushions and blondes.

* * *

Of course, whatever the cost, we will pay the greater share. But the extra-territorial privileges automatically puts the home in the United States, as no other prospective nation would go for such a deal.

* * *

(Why not give them the island of Puerto Rico? This would go far towards relieving the economic situation of the Puerto Ricans.)

* * *

South Dakota has offered 100 square miles, with extra-territorial rights, in the Black Hills district of that state.

* * *

In our bug-eyed enthusiasm we have overlooked the fact that no state has the right to give up sovereignty over such property. The question of partitioning was settled by President Lincoln and General Grant in 1865. Even the Congress can't do it. A Constitutional amendment would be required.

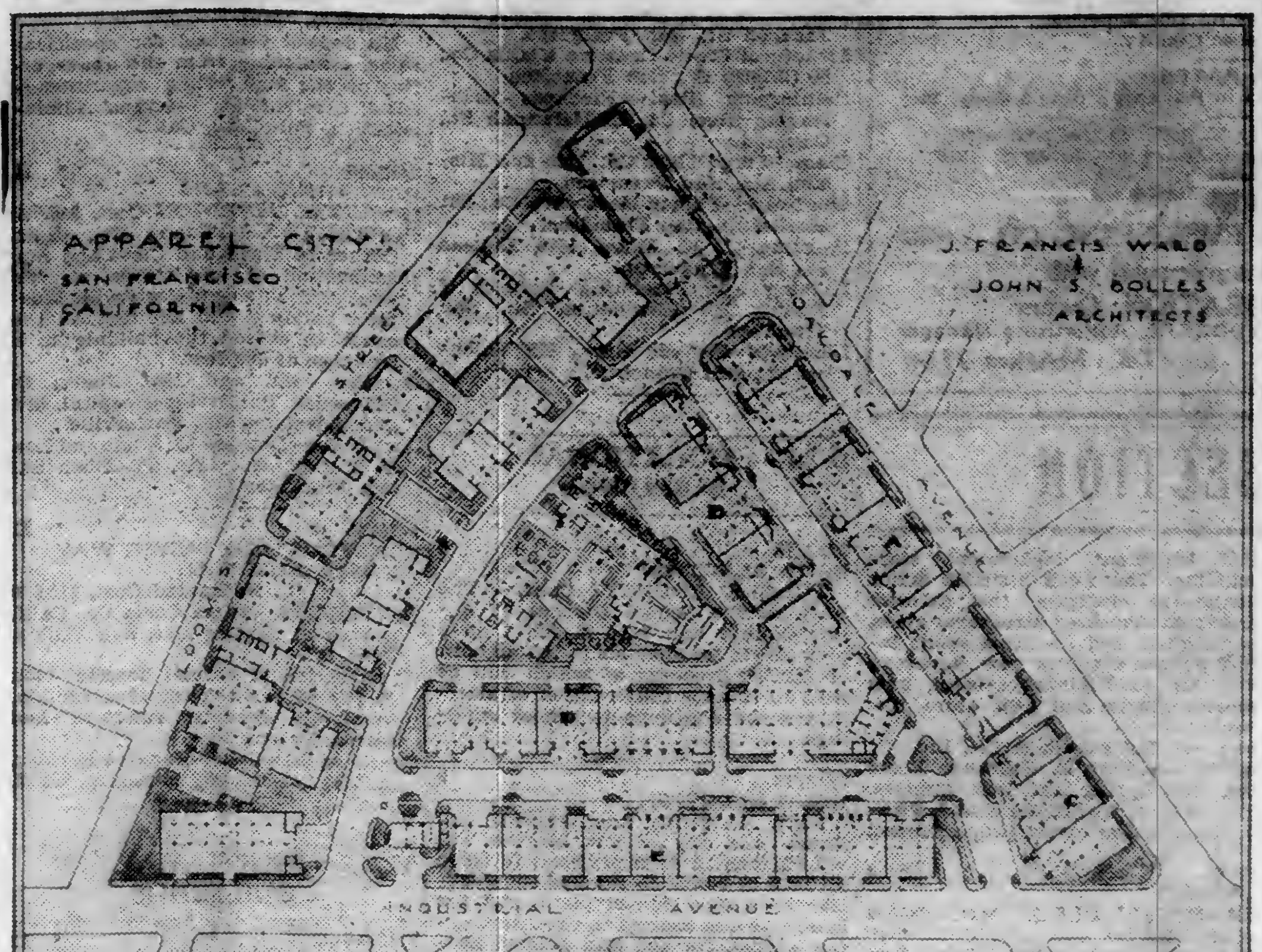
* * *

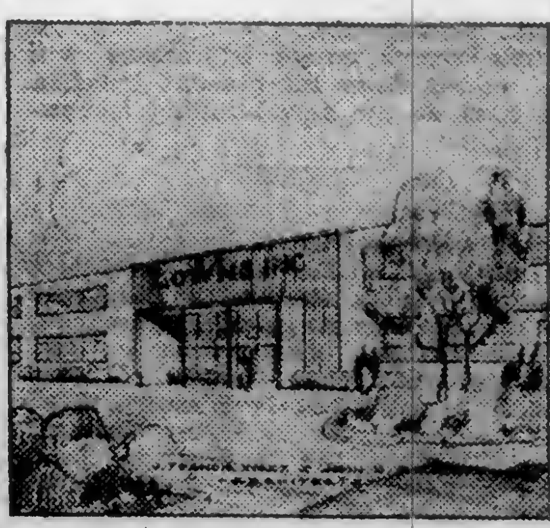
We can't really blame the Committee on Sites for making such an ambitious grab.

* * *

For years we have been telling the entire world, including people who never owned clear title to a herd of goats, just point to whatever they want and Uncle Sam will deliver, freight prepaid.

San Mateo: Seekand Properties Co., headed by Leonard David, San Francisco real estate broker, has purchased the Benjamin Franklin Hotel and adjoining property. Plans call for the construction of a new business building on Fourth Avenue adjoining the hotel.





Plot plan of San Francisco's new $4,000,000 Apparel City to be built at Industrial and Oakdale Avenues. Harney, Haas and Rothschild (joint venture), and Barrett and Hilp, on Saturday, February 9, were awarded negotiated contracts totaling over $1,000,000 for construction of buildings A, B, C and D (above). Right—Typical building entrance.

A.I.A. CHAPTER WILL SELL STOCK PLANS

Seeking a solution to the problem of the lower-income bracket public desiring an architecturally designed house, the Washington State Chapter of the A.I.A. and the Seattle Master Builders have formed a Stock Plan Selling Bureau. Architects are invited to submit to this organization plans which, when approved, will be displayed for the public's selection. Anyone may purchase from the Bureau a complete set of plans, including six sets of blueprints and specifications, cost estimate and materials list, for $50, half of which will be paid to the architect. A charge of $50 will be made for evey home constructed from the plan.

—#—

LIGHTING HANDBOOK PLANNED

Plans for publication of a lighting handbook have been announced by the Illuminating Engineering Society. Five hundred pages of text will cover every phase of lighting from the pure physics of light to specific lighting recommendations for stores, offices, homes, factories, and even the juke boxes and television studios. Publication is scheduled for October, 1946.

MUSEUM TO GIVE DESIGN AWARDS

Beginning this year, annual awards will be made by the Museum of Modern Art, New York City, to the three outstanding designs of the year in mass-produced objects of everyday use. The awards will not be limited to any specific field, and may be conferred upon a tractor or a toothbrush, a canoe or an ashtray, a desk or a fountain pen, or any other useful object.

The annual awards are to be part of a three-way program initiated by the Museum's Department of Industrial Design to stimulate the creation of better design in manufactured articles. The program also includes an annual publication which will catalog currently available consumer goods recommended for their design excellence. The first issue of the catalog will be published in the early autumn of this year, at which time the awards will be made and the winning designs placed on exhibition at the museum.

—#—

Lindsay, Tulare Co.: The municipal swimming pool fund now stands at $51,000, following the action of the city council in earmarking $35,000 as the city's share in its construction.

AERO 'REEFERS' SUBJECT FOR ASRE MEET

The San Francisco Section of the American Society of Refrigerating Engineers will hold its regular February meeting on Friday, February 15, at the Engineers' Club, 206 Sansome Street, at 6:00 P. M.

The subject under consideration will be Refrigerated Transportation by Air and will be divided into three discussions. Edward Simons, Chairman of the Program Committee, will present a brief history of refrigerated transportation. His remarks will be followed by Philip D. Carr, San Francisco Manager of Owens-Corning Fiberglas Corp., who will speak on "Developments of Insulation for Refrigerated Air Cargo".

Fred F. Dawson, Manager of Air Cargo for the United Air Lines at San Francisco, will present as his subject, "The Method of Handling and the Potentialitis of Refrigerated Air Cargo."

These subjects are timely and should prove of extreme interest to all those in attendance. Reservations can be made by calling the Secretary's Office — EXbrook 4404.

—#—

GOVERNMENT NEEDS ENGINEERING DRAFTSMEN

The Civil Service Commission is conducting a recruitng campaign to secure engineering draftsmen for work in various government agencies in Wasington, D. C. Entrance salaries range from $1,704 to $2,980 a year.

Application forms, and a copy of examination announcement No. 406 which contains full informaton regarding the positions, may be secured at any first- or second-class post office or direct from the U. S. Civil Service Commission, Washington 25, D. C.

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ADVANCE CONSTRUCTION REPORTS

DAILY PACIFIC BUILDER
(Established 1890)
Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

SUBSCRIPTION RATES:
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BUILDING SECTION

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1-8—COMMERCIAL BLDGS.

2/13/46 • 3
PLANS BEING FIGURED

LOS ANGELES, Calif.—Until Feb. 28, 4 P. M., bids will be received by Allison & Rible, 650 Grand Ave., Los Angeles, for the construction of terminal facilities on Jefferson Blvd. near Fairfax Ave. for Lyon Van Lines, Inc., 3600 S. Grand Ave., Los Angeles. The work will involve the construction of a one-story warehouse containing 55,000 sq. ft. of floor space, also loading docks, office space, grease and wash rack, machine shop, garage, paving, fencing, landscaping, sprinkler system and spur track.

2/13/46 4
PREPARING WORKING DRAWINGS

LAGUNA BEACH, Orange Co., Cal. Architect W. F. Ruck, 940 S Figueroa St., Los Angeles, is preparing working drawings for the construction of a 4-story and basement, reinforced concrete medical office and apartment building at Laguna Beach for a client.

2/13/46 • 8
ARCHITECTS SELECTED

CALIFORNIA.—Architects Wurdeman & Becket, 3757 Wilshire Blvd., Los Angeles, have been commissioned to prepare plans for new store buildings and alterations and additions to present store buildings in Burlingame, San Jose, Palo Alto, Sacramento, Oakland and Santa Monica for Lerner Shops, Inc., 8675 W. Third St., Los Angeles.

2/13/46 3
WORK UNDER WAY

FILLMORE, Ventura Co., Calif.—Sigurd Hansen, 1276 E Main Street, Ventura, has started work on construction of an orange packing house in Fillmore for the MOD Orange Packing House, Ward Daniels, owner, Montalvo.

The building will be masonry construction with wood roof trusses, asbestos roofing and will contain a packing room, 112x160 ft. in area, an orange sweat room, 80x170 feet in area, and a shook basement, 90x100 ft in area; steel sash, high-pressure steam boiler, maple flooring, etc. Plans also provide for a box shed, 32x168 feet in area.

Plans were prepared by Architect Roy C. Wilson, P. O. Box 951, Santa Paula.

2/13/46 3
CONTRACT AWARDED

SANTA PAULA, Ventura Co., Cal.—Weymouth Crowell Co., 2104 West 15th St., Los Angeles, awarded contract for construction of a one-story and basement fruit packing warehouse (106x130-ft.) at Santa Paula for Santa Paula Orange Assn., Ojai. Plans prepared by Architect Roy C. Wilson, Box 951, Santa Paula.

2/13/46 • 4
PLANED
OFFICE BLDG. Est cost, $35,-40,000
RICHMOND, Contra Costa Co., Cal. SW corner 11th and Nevin.
Construction of office building.
Owner—East Bay Municipal Utilities Water Dist., 717 Macdonald Ave., Richmond.

When completed, offices will be moved from the present location at 717 Macdonald Avenue.

2/13/46 • 8
CONTRACT AWARDED
STORE Estimated Cost, $400,000
FRESNO, Fresno County, Calif. Fulton and Kern Sts.
Renovating and modernizing the interior and exterior of a two-story and basement department store building. The work includes minor structural changes; the exterior treatment involved structural glass, plate glass and stainless steel; interior work involves new elevators, new air conditioning system, new marble floors and new store fixtures.
Owner—E Gottschalk & Co., Inc.
Architect—Albert B. Gardner, Room 804, 408 Spring St., Los Angeles.
Contractor—Trewhitt-Shields & Fisher, Pacific Southwest Bldg., Fresno.

2/13/46 • • 8
PLANNED
COMMERCIAL BLDG. Cost, $350,000
SACRAMENTO, Sacramento Co., Cal. Industrial Park Area, behind Dos Rios Housing Project.
Construction of modern one-story commercial building on 10-acre site
Owner—Zellerbach Paper Co., Leland J. Doherty. Manager, 1213 Front St., Sacramento.

The firm's entire operations will be moved from its present location as soon as the new building is constructed.

2/13/46 8
PREPARING PLANS

LOS ANGELES, Calif.—Architect Adrian Wilson, Architects' Bldg., 816 W 5th St., Los Angeles, is preparing plans for the construction of two 1-story reinforced masonry store buildings at 653-57 N Western Ave., Los Angeles, for Bablyon Oriental Rug Cleaners, 545 N Western Ave., Los Angeles; 36x80 ft. and 100x135 feet in area, wood trusses, composition roofing, steel sash, wood floors, plate glass fronts, painting, plastering, plumbing, electrical work. Total cost is estimated at $83,000. Myers Bros. 3407 San Fernando Road, Los Angeles, will be the contractors.

2*13*46.......... ....*....*....8
AUTOMOBILE & APPLIANCE BUILDING
SAN FRANCISCO. NE corner Geary Blvd. and Blake Street.
Construction of one-story reinforced concrete automobile and appliance sales and service building; work includes excavation, concrete work, structural steel, carpentry, millwork, roofing, sheet metal work, porcelain enameled iron, misc. and ornamental steel and iron work, lathing and plastering, glass and glazing, painting, linoleum, auto hoists, gasoline tanks and pump, electrical work, etc.
Owner—Harry Krieger and Son, c/o Engineer.
Consulting Engineer—Hyman Rosenthal, 617 Montgomery Street.
Architect—Theo. G. Ruegg, 617 Montgomery Street.

Separate bids will be received for general construction, and plumbing and heating.

As previously reported, bids will be received February 26, 3 P. M., in the office of the engineer.

A set of plans and copy of specifications are now on file for examination at the office of DAILY PACIFIC BUILDER, 465 Tenth Street.

2/13/46 / 7
WORK UNDER WAY
SUPER MARKET Cost, $125,000
RICHMOND, Contra Costa Co., Calif. Northeast corner Andrade and 23rd Sts.
Construction of super market (Tower Market), (150x150 ft.), 8900 sq. ft., service grocery store, drug store, liquor department, fruit and vegetable department, butcher shop, paved parking area with capacity for 34 automobiles.
Owner—Walter Kauffman, 435 34th St., Richmond.
Contractor—R. J. Stemple, 5430 MacDonald Ave., Richmond.

2/13/46 • 8
PLANNED
AUTO SALES BUILDING
Estimated Cost, $85,000
SAN RAFAEL, Marin County, Calif. South line of Highway 101.
Construction of frame and stucco Buick automobile sales and service building (50x200 ft.).
Owners—Jack & Jeff Zander, Bridge Rd., Ross.

Filling of the area has been under way for several days and building operations will be started as quickly as contracts can be awarded.

For STUCCO THE NEW IMPROVED Hi-Plastic STUCCO CEMENT
HI-PLASTIC GOLDEN GATE
More Yards Per Sack • Spreads Easier • Less Shrinkage
PACIFIC PORTLAND CEMENT COMPANY

2;13/46 • 4
SUB-CONTRACTS AWARDED
MEZZANINE OFFICES
Contract Price, $6867
OAKLAND, Alameda County, Calif. Grove St. Pier.
Construction of offices on mezzanine floor of building to involve 1458 square feet area.
Owner—Oakland Port Commission, foot of Grove St., Oakland.
Contractor—Russell A. Cullen, 478 Jackson St., San Francisco.
Structural Steel—Creative Metals Co., 50 Shipley St., San Francisco.
Reinforcing Steel—Richards Reinforcing Steel Co., 2850 Hannah St., Oakland.
Glass—Paige Glass Co., 11th and Mission Sts., San Francisco.
Hardware—Palace Hardware Co., 581 Market St., San Francisco.
Painting—J. H. Mohr, 1685 Kansas St., San Francisco.
Lathing and Plastering—Patrick J Ruane, 264 Clementina St., San Francisco.
Linoleum—Kenyon Bros., 825 Valencia St., San Francisco.

9-10—EDUCATIONAL BUILDINGS

2/13/46 9
BOND ELECTION

TULARE COUNTY, Calif. — The Farmersville School District of Tulare County will vote March 1 on a proposal to issue bonds in the amount of $23,000, proceeds of which will be used to finance construction of alterations and additions to school buildings.

2/13/46 9
BOND ELECTION

SAN MARINO, Los Angeles Co., Calif.—The city of San Marino will vote March 12 on a proposal to issue $450,000 in bonds to finance construction of a new school plant and for additions and repairs to the Huntington School, for the San Marino Elementary School Dist., 1700 Huntington Drive, San Marino.

Marsh, Smith & Powell, Architects' Bldg., 816 W 5th St., Los Angeles, are architects for the district.

2/13/46 9
BOND ELECTION CONTEMPLATED

FILLMORE, Ventura Co., Calif.—The Board of Trustees, Fillmore Joint High School District, Fillmore, may request a vote on a proposition to issue $450,000 in bonds to finance the construction of the following high school buildings: Cafeteria, boys' gymnasium, shop, classroom, and bleachers for athletic field. Architects Kistner, Curtis & Wright, Architects' Bldg., 816 W 5th St., Los Angeles, are preparing preliminary plans.

2/13/46 • 9
BIDS OPENED

AVONDALE, Ariz.—W. A. Beaubien, Route 1, Box 1132, Phoenix, Ariz., at $59,000 submitted the low bid to Architects Lescher & Mahoney, 1100 Title & Trust Bldg., Phoenix, Ariz., February 8, for the construction of a six-classroom home economics and lunchroom building at the Avondale School, Avondale, Ariz., for Avondale School District No. 44 of Maricopa County. Plans were prepared by the above architects.

Complete bids were:
W. A. Beaubien, $59,000.
R. E. Bruce, $64,650.
P. W. Womack, $71,694.
E. W. Duhame, $77,363.

2/13/46 9-10
PLANS COMPLETED 6
SCHOOL ADDITION Cost, $75,000
SUSANVILLE, Lassen County, Calif. Main and Berkeley Streets.
Construction of new one-story classroom Junior College addition (60x 210-ft.)
Owner — Lassen Union High School District, G. A. Collyer, Prin., Lassen Union High School and Junior College, Susanville.
Architect—R. D. Taylor, 716 Court St., Susanville.

The school board reports no action has yet been taken to set time for bids, largely due to unsettled conditions.

2/13/46 • 9
LOW BIDDERS

LOS ANGELES, Calif.—DeCamp-Hudson Co., 1277 W. 24th St., Los Angeles, at $81,500, submitted the low bid to the Los Angeles Board of Education, 1425 S. San Pedro St., Los Angeles, for the construction of a 1-story, 8-classroom frame and stucco school building at the Dominguez Elementary School, 21250 Santa Fe Ave., Dominguez. Hickman & Ritter, 2411 Charnwood Ave., Los Angeles, at $16,397, submitted the only bid on the plumbing and heating; Golden State Electric Co., Inc., 1515 W. 7th St., Los Angeles at $3383.15, submitted the low bid for the electrical work; Risk-Sutton, 10504 Kauffman Ave., South Gate, at $3594, submitted the low bid for the painting.

2/13/46 • 9
SCHOOL ADDITION Cost, $72,000
WOODLAKE, Tulare County, Calif. Woodlake Elementary School.
Construction of additional classrooms.
Owner—Woodlake Union Elementary School District, F. J. White, superintendent, Woodlake.
Architect—Not announced.

The school district will vote February 21 on a proposal to issue bonds in the amount of $72,000, proceeds of which will finance above construction.

2/13/46 9
BOND ELECTION
SCHOOL BLDG. PROGRAM
Est. Cost, $420,000
MONROE, Washington.
Construction of two vocational bldgs. (42x100) to cost approx. $180,000; addition to Junior high school, $60,000; addn. to central grade school, $90,000, and addition to Wagner grade school.
Owner—Monroe School District, H. L. Squibb, Supt.
Architect—Wm. Mallis, Lyon Bldg., Seattle.

The city of Monroe will vote March 2 on a proposal to issue bonds to finance construction.

2/13/46 10
BONDS DEFEATED

ORANGE, Orange Co., Calif.—The City of Orange defeated a proposal February 5 for issuing bonds in the amount of $110,000 to finance construction of a new library building

2/1346 • 9
PROPOSED
SCHOOL BLDG.
RED BLUFF, Tehama Co., Cal. Red Bluff Union High School.
Construction of a new shop building.
Owner—Red Bluff Union High Sch. Dist., Owen Hunter, president of Board of Trustees.

Use "Builderads"—They Bring Results

11—HOSPITALS

2/13/46 • 11
BIDS WANTED

LIVERMORE, Alameda Co., Calif.—Until March 12, 1:30 P. M., bids will be received by the Veterans' Administration, Washington 25, D. C., for construction and finishing complete steel flagpole and base for the Veterans' Administration Hospital at Livermore, Calif.

No deposit required for specifications, obtainable from the above office or the supervising superintendent of construction, Veterans' Administration, Palo Alto, Calif.

2/13/46 • 11
PREPARING PLANS
HOSPITAL ADDITION Cost, $85,000
PORTERVILLE, Tulare Co., Calif. Corner of Third and Cleveland Sts.
Construction of tow wings on the west of the present Porterville Hospital building and addition on the south to extend the building to a frontage of 159 feet.
Owners — Mr. and Mrs. Justin C. Schroeder, Porterville Hospital, 3rd and Cleveland Sts., Porterville.
Architects—Douglas D. Stone and Lou B. Mulloy, associate, 381 Bush St., San Francisco.

2/13/46 • 11
CONSTRUCTION UNDER WAY
ANIMAL HOSPITAL
Estimated Cost, $15,000
PITTSBURG, Contra Costa Co., Calif. Corner of Marine Ave. and Willow Pass Rd.
Construction of animal hospital (45x 40 ft.) of basalt rock construction, involving kennels, runways and surgical room.
Owner and Builder—Bernard E. Enes, R.F.D. 1, Box 480, Pittsburg, Calif.

12-13—INDUSTRIAL BUILDINGS

2/13/46 • 12
WORK UNDER WAY
DRY ICE PLANT Cost, $750,000
BERKELEY, Alameda County, Calif. Third and Virginia Sts.
Construction of reinforced concrete and structural steel factory, office and garage building adjoining owner's present plant.
Owner—Pure Carbonic Co., Inc., T. Wayne Gibson, vice-president, 3rd and Virginia Sts.
Plans by engineering department of owner.
Contractor—Fluor Corp., Third and Virginia Sts., Berkeley.

2/13/46 13
PREPARING PLANS

MEDFORD, Jackson Co., Oregon.—N. Umpqua R. Douglas Co., California-Oregon Power Co., is preparing plans for foundation and superstructure for concrete powerhouse 2 miles below Toketee Falls, for the California-Oregon Power Co., J. C. Boyle, General Manager. Work includes 125,000-volt power line running 47 miles from Toketee Falls to Dixonville; wooden poles. Est. cost, is $600,000.

2/13/46 • 12
PLANNED
CREAMERY Est. Cost, $500,000
GRIDLEY, Butte County, Calif. Site between Highway 99 and Southern Pacific tracks, just south of Gridley.
Construction of new plant with modern machinery for the production of dairy products.
Owner—Farmers' Cooperative Creamery, D. A. Stewart, president, Gridley.
Operator—Golden State Co., Ltd.

First unit of the new plant will be constructed by the owners as soon as materials are assured; the plant will be equipped by the Golden State Co., Ltd.

2/13/46 • 12
ACQUIRING SITE
FROZEN FOOD PLANT
Estimated Cost, $45,000
SAN LEANDRO, Alameda Co., Calif. Northeast corner Davis and Dabner Sts.
Construction of new frozen food locker plant (50x95 ft.), with 1300 to 1800 individual freezing lockers; air conditioned aging room, and second story to accommodate doctors' and dentists' offices.
Owners—T. E. Morehouse, James D. Munson and Walter A. Stover, refrigeration engineer, 2166 Washington Ave., San Leandro.

Cost of the building is estimated at $18,000 to $20,000; refrigeration equipment at $20,000 and balance of investment in land.

The site is now being acquired and building will get under way a soon thereafter as a contract can be let.

2/13/46 ..• 12
CONTRACT AWARDED
STORE BUILDINGS
Approximate Cost, $38,000
SAN BRUNO, San Mateo Co., Calif.
Construction of two store buildings.
Owner—Bayshore Amusement Co.
Architects—A. A. Cantin and A. MacKenzie Cantin, 704 Market St., San Francisco.
Contractor — Mariposa Construction Co., 1106 Mariposa St., San Francisco.

2/13/46 • 12
SUB-CONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—M. B. McGowan, Inc., 625 Market St., San Francisco, was awarded subcontract by M. & K. Corp. for furnishing and driving creosoted piles for a building foundation at 98th Ave. and San Leandro Blvd., Oakland.

14-17—PUBLIC BLDGS.

2/13/46 14
PREPARING PLANS

LONG BEACH, Los Angeles Co., Cal.—Harold E. Ketchum, consulting engineer, 2360 American Ave., Long Beach, is preparing plans for the construction of a midget racetrack to be located on Carson St. near Avalon Blvd., near Long Beach, for Bob Ware. The project includes a structural steel and concrete stadium, with a seating capacity of 16,000 persons, one mile of barbed wire outer fence and chain-link protective fence, parking areas containing 1,033,000 sq. ft., and various other structures; est. cost, $175,000.

2/13/46 • 15
BIDS WANTED

LONG BEACH, Los Angeles Co., Calif.—Until February 21, 2 P. M., bids will be received at the office of the city manager, Room 303 City Hall, 205 W. Broadway, Long Beach, for furnishing all necessary labor, material, etc., for the construction of fire station No. 3 at 1721 Pine Ave., Long Beach, for the Long Beach Fire Department; estimated cost, $34,000. Plans prepared by Raymond A. Sites, architect, 1010 Farmers & Merchants Bank Bldg., Long Beach.

2/13/46 • 16
BIDS WANTED

NAPA, Napa Co., Calif.—Until Feb. 27, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Bldgs. Administration, 838 U. S. Appraiser's Bldg., San Francisco, for concrete sidewalks and driveway, terra cotta tile and misc. repairs at the U. S. Post Office, Napa.

Specifications obtainable from the above office of the district engineer.

2/13/46 • 16
BIDS WANTED

CALEXICO, Imperial Co., Calif.—Until March 6, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for exterior painting, etc., at U. S. Post Office, Calexico, Calif.

Plans and specifications may be obtained from the above office of the district engineer.

BUILDINGS 18-19—RELIGIOUS BLDGS.

2/13/46 • 19
PLANNED
CHURCH Est. Cost, $50,000
MILLBRAE, San Mateo Co., Calif. NW Corner of El Paso and Almenar Streets.
Construction of new church building of Southern French Provincial lines
Owner—Millbrae Community Church, Dr. B W. Anderson, Pastor, Chadbourne and Poplar Sts., Millbrae.
Architects—Eldridge T. Spencer and Wm. Clement Ambrose, 251 Kearny St., San Francisco.

A $50,000 building fund drive is now underway and construction will be by units as funds come in.

2/13/46 19
PREPARING WORKING DRAWINGS

LOS ANGELES, Calif.—Wm. Woollett and Sam Lunden, associate architects, 400 Rowan Bldg., Los Angeles, are preparing working drawings for construction of a 3-story, hillside reinforced concrete church bldg. to consist of a 200-seat chapel, a Sunday school, and a 600-seat auditorium, on the corner of Overhill and Nothridge, View Heights Dist., for the Second Reform Church of America; tile roof, wood sash, forced air unit heating system, toilets, etc. Only the chapel and a portion of the Sunday school are to be built at this time; est. cost, $70,000.

2/13/46 19
PREPARING SKETCHES

NEWPORT BEACH, Orange Co. Calif.—Architects H. C. Wildman and W. L. Faulkner, 426 Spurgeon Bldg., Santa Ana, are preparing sketches for the construction of a new church building and various other structures in Newport Heights district, Newport Beach, for the Newport Harbor Lutheran Church.

The first building to be erected will contain an auditorium with a seating capacity of 250, classrooms and kitchen. Plans include a cluster of buildings centered around a courtyard with open, arched cloisters connecting the units. The church building will be of English-Gothic type of architecture.

20-21—SOCIAL AND RECREATIONAL BLDGS.

2/13/46 20
CONTRACT AWARDED
LEGION POST BLDG.
SEATTLE, Wash, 7th and University Streets.
Construction of two-story reinforced concrete Legion post building.
Owner—Seattle Post No. 1, American Legion, Elliott W. Burdett, Commander, 4th and Pike, Seattle.
Architects—Naramore, Brady, Bain & Johanson, Dexter Horton Bldg., Seattle.
Contractor — Nettleton and Baldwin, 1109 N 36th, Seattle.

2/13/46 21
TO START WORK

UPLAND, San Bernardino Co., Cal.—Bard Constr. Co., 3902 W 6th St., Los Angeles, Room 206, will start work soon on the construction of a reinf. concrete theater and store building on te southwest corner of 9th St. and Third Ave., Upland, for the Grove Theater. Est. cost, $100,000. W W. Ache, architect, 301 North Citrus Ave., Los Angeles.

2/13/46
CONSTRUCTION UNDERWAY
WINERY
LOCKEFORD, San Joaquin Co., Cal. 23-acre site ½ mile west of Lockeford.
Construction of 2,000,000-gal. cooperative Lockeford Winery.
Owner—Bear Creek Cooperative Vineyard Assn., L. K. Marshall, Mgr., L. V. Patton, Pres., Lodi Ave. and Cherokee Lane, Lockeford.
Contractor—Cahill Bros., 206 Sansome St., San Francisco.

22-26—RESIDENTIAL BUILDINGS

2/13/46 • 24
BIDS OPENED

PORTLAND, Ore.—Halvorsen Construction Co., P. O. Box 468, Salem, Ore., at $23,199, submitted low bid to the War Department, U. S. Engineer Office, 628 Pittock Block, Portland, Ore., for construction of resident engineer headquarters at Dorena Dam; Spec. No. 35-026-46-201.

Tauf Chrnesky, Seaburg, Ore., at $24,550, submitted the only other bid.

2/13/46 • • 22
CONTRACT AWARDED
MOTEL BLDG. Cont. Pr., $141,650
OAKLAND, Alameda Co., Calif. 2408-12-34 MacArthur Blvd.
Construction of a 1- and 2-story frame and stucco 41-unit motel building.
Owner—M. M Moody, c/o Architects.
Architects—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor — Stolte, Inc., 8451 San Leandro St., Oakland.

2/13/46 22
CONTRACT AWARDED
BUNGALOW HOTEL Cost, $250,000
PALM SPRINGS, Riverside Co., Cal.
Construction of 30-unit bungalow hotel to contain 13 buildings of reinf. cement block and concrete, wood roof, Unicon roofing, cement slab floors, air conditioning system, tiled baths, showers, interior plastering, insulation, wood or steel sash, swimming pool.
Owner—Samuel H. Levin.
Architects and Engineers—H. L. Gogerty Organization, 3123 W Eighth St., Los Angeles.
Contractors—Waale-Camplan Co. & Smith, Inc., 1670 Beverly Blvd., Los Angeles.

2/13/46 • • 26
HOME BLDG PROJECT
Est. Cost, $1,000,000
LOS GATOS, Santa Clara Co., Calif. 40-acre site on Union Avenue.
Construction of 160 5- and 6-room ranch type homes built on quarter-acre lots and ten retail stores, to be known as Mablum Gardens.
Owner—Dr. S. J. Leider, 103 29th St., San Francisco.
Contractor—Floyd H. Herring.

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Outdoor Gunnery Range Spec. 17507, NOy 13346	Crows Landing	2-26
Automobile and Appliance Bldg. Geary Blvd. and Blake Street	San Francisco	2-26

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Tulana Farms Grain Elevator, Worden, Ore.; Bids Ipen Feb. 14, Noon.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

Tank Truck Loading Fac., Standard Oil, Richmond; Bids open Feb. 18, Noon
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980
Barrett & Hilp. 918 Harrison St., San Francisco (DOuglas 0700).

Shops Bldg., San Mateo Junior College; Bids open February 13, 8 P. M.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Monson Brothers, 475 Sixth St., San Francisco (DOuglas 5357).
Haas Constr Co., 326 Merchants' Exchange Bldg., S. F. (EXbrook 1205).
C. L. Weld Constr. Co., Ltd., 4412-16 Fulton St., S F. (SKyline 4362)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S F (EXbrook 6906 or 7054)

Superstructure, Shop Bldg. No. 411. Shipfitters and Boilermakers Shop, San Francisco Naval Shipyard; Bids open February 21, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
A. Farnell Blair, 9 Main St., San Francisco (YUkon 0390)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
Empire Constr. Co., Ltd., and C. F. Lytle (joint venture), 344 Harriet Street, San Francisco (HEmlock 3400).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co. 923 Folsom St., San Francisco (SUtter 3440).

Warehouse, Standard Oil Co., 7th and Irwin Streets, San Francisco; Bids open February 15.
Robert McCarthy Co., 1050 Kirkham St., San Francisco (OVerland 4050)
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624).
E. S. McKittrick Co., 610—16th St., Oakland (TWinoaks 5070)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Fred J. Early Co., 369 Pine Street, San Francisco (SUtter 1731).
Haas Constr. Co., 326 Merchants' Exchange Bldg., S. F. (EXbrook 1205)
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)
Clinton Constr. Co. 923 Folsom St., San Francisco (SUtter 3440).

Auto Sales and Service Bldg., San Francisco; Bids open February 17
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Peter Sorensen, 927 Arguello St., Redwood City (Redwood 2212).
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081)

Theatre Bldg., Salinas; Bids open February 15, 4 P. M.
Erbentraut & Summers, 446—6th St., San Francisco (MArket 8310)
Carl N. Swenson Co., 355 Stockton Ave., San Jose (BAllard 2602)

Ongara Food Locker Bldg., Greenfield Avenue, San Anselmo; Bids open February 14, 5:00 P. M.
E. P. Merritt, 102 Rialto Bldg., San Francisco (YUkon 0656).

Chevrolet Agency, San Rafael; Bids open February 15, 5 P. M.
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).

Ongara Food Locker, San Anselmo; Bids open February 14, 5 P. M.
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).

Outdoor Gunnery Range, NAAS, Crows Landing; Spec. 17507; Bids open February 26, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).

Automobile, Appliance Service Building, Geary Blvd., S. F.; Bids open February 26, 3 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).

Elrgero Res., Merced Ave. near Garcia, S. F.; Bids open Feb. 14, 5 P. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).

Kunst Bros. Store Bldg., Valencia nr Duboce; Bids open Feb. 14, 5 P. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).

Residence for San Francisco Theological Seminary, San Anselmo; Bids open February 21, 3:00 P. M.
B. & R. Constr. Co., 268 Market St., San Francisco (DOuglas 7516).
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., San Francisco (MIssion 1490)

South Office Bldg., PT&T, Sacramento; Bids open February 13, 2 P. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).

Krieger Automotive and Sales Bldg., Geary and Blake, San Francisco; Bids open February 26, 3 P. M.
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., San Francisco (MIssion 1490)

Outdoor Gunnery Range, NAAS, Crows Landing; Spec. 17507; Bids open February 26, 11 A. M.
Patrick M. Sofarelli, 20337 Anita Ave., Hayward (Hayward 806).

CONTRACTORS . . .
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160 Tenth St. Corner of Natoma SAN FRANCISCO Ph. MArket 1651

ADVANCE CONSTRUCTION REPORTS

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways........ 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

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PROSPECTIVE BIDDERS

KELSO, Wash.—As previously reported, until February 18, 5 P M., bids will be received by Lora Blackstone, city clerk, 312 Allen St., Kelso, for the construction of sewage disposal plant, 200,000-gallon capacity. Bidder to state where plant is to be located, cost of additional sewer mains, pumping facilities to deliver raw sewage to plant. Bidder to furnish specifications. Bidder's costs to be complete cost of sewage disposal plant installed and inspected. Bidder to state what degree of purification is to be obtained from proposed plan by stating: (1) final BOD of effluent or reduction of BOD final effluent; (2) bacteria account in final effluent. Bidder to state cost per day or cost per M gallons to obtain stated purification and state cost of sludge proposal and method of disposition of sludge.

Specifications obtainable from the above office.

The following contractors have taken out plans:

Process Engineers, 6381 Hollywood Blvd., Hollywood, Calif.

Fred J. Early, 369 Pine St., San Francisco.

Amozone of Oregon, Portland, Ore.

Wallace & Tiernan Sales Corp., Terminal Sales Bldg., Seattle, Wash.

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PLANS COMPLETED

LOMPOC, Santa Barbara Co., Calif.—Quintin Engineers, Ltd., 816 S. Figueroa St., Los Angeles, have completed plans for the construction of a water supply line and reservoir for the City of Lompoc. The project will involve the construction of 14,000 ft. of 18-inch steel pipeline and a 1,000,000-gallon gunite lined and covered reservoir to be located near Fricks Springs, south of Lompoc. Estimated cost $150,000.

2/13/46 31

CONTRACT AWARDED

LOGAN, Utah.—Young and Smith, Salt Lake, at $24,387 were awarded contract by the city of Logan for construction of 3000-ft. of pipe line in Logan Canyon for the city of Logan.

2/13/46 32

PREPARING PLANS

GILBERT, Ariz.—Yost & Gardner, consulting engineers, Heard Bldg., Phoenix, are preparing plans and specifications for the construction of sanitary sewers and a sewage treatment plant for the city of Gilbert, Ariz.; est. cost, $55,420.

2/12/46 31

WATER PERMITS ISSUED

SACRAMENTO, Calif.—Permits to appropriate water issued by the Department of Public Works, Division of Water Resources, Edward Hyatt, state engineer, Sacramento, during January, 1946:

Permit 6467, App. 11191 (El Dorado County). Issued to Robert L Massey, Fair Oaks, Calif., Jan. 8, for 1.8 c.f.s. from South Webber Creek for mining purposes; estimated cost, $2000.

Permit 6468, App. 11158 (Riverside County). Issued to Robert and Georgia E. Kerr, Hemet, Calif., Jan. 10, for .25 c.f.s. from Wilson Creek for irrigation use.

Permit 6469, App. 11100 (Los Angeles County). Issued to Andrew Wurster, Saugus, Calif., Jan. 14, for 7 g.p.m. from a spring for domestic purposes.

Permit 6470, App. 11103 (Butte County). Issued to Frank D. and Eleanor P. Shreve, Oakland, Calif., Jan. 14, for 1 c.f.s. from Shreve Spring for domestic and irrigation of 236 acres.

Permit 6471, App. 11141 (San Joaquin County). Issued to H. Moffat Co., Stockton, Calif., Jan. 15, for 6.69 c.f.s. from extension of Disappointment Slough for irrigation and stock watering; estimated cost, $4800.

Permit 6472, App. 11201 (Plumas County). Issued to V. C. and Lucille E. Koch, Twain, Calif., Jan. 16, for 16,000 g.p.d. from a spring for domestic and fire protection.

Permit 6473, App. 11197 (Humboldt County). Issued to Frank and Hazel Anderson, Arcata, Calif., Jan. 17, for 1 c.f.s. from an unnamed creek for irrigation.

Permit 6474, App. 11196 (Humboldt County). Issued to Leroy C. Todd, Rio Dell, Calif., Jan. 18, for .25 c.f.s. from Eel River for irrigation of 29.14 acres.

Permit 6475, App. 10986 (Butte County). Issued to Earl Willey, Live Oak, Calif., Jan. 18, for 1 c.f.s. from Feather River for irrigation purposes.

Permit 6476, App. 10959 (El Dorado County). Issued to F. K. and R. H. Ausfahl and C. F. Tuttle, Richmond, Calif., for 1.2 c.f.s. from Strawberry Creek for power purposes; 7 h.p. developed; estimated cost $200.

Permit 6477, App. 11162 (El Dorado County). Issued to Chas. V. Minard, Sacramento, Calif., Jan. 22, for 200 g.p.d. from south fork of American River for domestic and fire protection purposes; estimated cost $250.

Permit 6478, App. 11167 (Shasta County). Issued to H. Bliss Rucker, Anderson, Calif., Jan. 23, for 3 c.f.s. from Bear Creek for irrigation and stock watering.

Permit 6479, App. 11184 (El Dorado County). Issued to L. G. Brownell, Sacramento, Calif., Jan. 24, for 200 g.p.d. from south fork of American River for domestic and fire protection; estimated cost $240.

Permit 6480, App. 11156 (Mariposa County). Issued to H. J. Baker, Merced, Calif., Jan. 25, for 2 a.f. from Big Creek for recreational purposes.

Permit 6481, App. 11203 (Fresno County). Issued to County of Fresno, Fresno, Calif., Jan. 28, for .25 c.f.s. from San Joaquin River for domestic and irrigation of 6 acres; estimated cost, $15,000.

2/13/46 31

NO BIDS RECEIVED

HANKSVILLE, Utah. — No bids were received by the Civil Aeronautics Administration, 1500 Fourth St., Santa Monica, February 11, for the drilling of a water well at the intermediate landing field, Hanksville, Utah. The work in general consists of the drilling and casing of a water well, installing pumping equipment, construction of a pumphouse and installation of power cable for pumping equipment; Proposal No. 6-46-128.

2/13/46 31

WATER APPLICATIONS FILED

SACRAMENTO, Calif. — Applications for permits to appropriate water filed with the Department of Public Works, Division of Water Resources, Edward Hyatt, state engineer, Sacramento, during January, 1946:

App. 11245 (Riverside County). Jas. F. Wellman, Mountain Center, Calif., for 20 g.p.m. from unnamed spring for irrigation, domestic and stock watering on 45 acres.

App. 11246 (San Bernardino County). Geo. G. McFarland, Whitewater, Calif., for 0.25 c.f.s. and 1.4 a.f. from unnamed spring tributary to Dry Morongo for domestic use; estimated cost, $600.

App. 11247 (Los Angeles County). Mrs. Grace M. Henke, Downey, Calif., for 20,000 g.p.d. from unnamed spring for domestic, irrigation and stock watering; estimated cost, $1500.

App. 11248 (Los Angeles County). Patrick Cohan, Castaic, Calif., for .25 c.f.s. and 10 a.f. from Elizabeth Creek, tributary to Santa Clara River, for recreational use.

App. 11249 (San Bernardino County). Arrowhead Manor Water Co., Pasadena, Calif., for 50 g.p.m. from unnamed spring, tributory to Hook Creek, thence Deep Creek and Mojave River for domestic use.

App. 11250 (Butte County). Gold Hill Dredging Co., San Francisco, Calif., for 5.555 c.f.s. from Feather River, tributary to Sacramento River, for mining use.

App. 11251 (Sierra County). C. M. Sitton, Downieville, Calif., for 3.0 c.f.s. from Hog Canyon, tributary to north fork Yuba River for mining purposes.

App. 11252 (Trinity County). E. E. Emmons, Denny, Calif., for 10 c.f.s. from Slide Creek, tributary to New River, for mining use; estimated cost, $40,000.

App. 11253 (El Dorado County). Ira L. Hill, Placerville, Calif., for 0.25 c.f.s. from Traverse Creek, tributary to American River via Bear and Rock creeks, for irrigation and domestic use; estimated cost, $500.

App. 11254 (Santa Barbara County). Santa Ynez River Water Conservation District, Solvang, Calif., for 60 c.f.s. and 18,000 a.f. from Santa Ynez River, tributary to Pacific Ocean, for municipal and irrigation of 11,500 acres.

App. 11255 (Modoc County). Round Valley Ranch Co., Los Angeles, Calif., for 4000 a.f. from three natural lakes, tributary to Boles and Willow creeks and Clear Lake, for irrigation of 1000 acres.

App. 11256 (El Dorado County). U. S. Eldorado National Forest, Placerville, Calif., for 40,000 g.p.d. from Tamarack Flat Creek, tributary to south fork of American River, for domestic, fire protection and recreational purposes; estimated cost, $2500.

App. 11257 (Sierra County). Leonard R. and Walter Loffmark, Goodyear Bar, Calif., for 0.0025 c.f.s. from unnamed spring, tributary to Goodyear Creek and north fork of Yuba River, for domestic purposes; estimated cost, $600.

App. 11258 (Placer County). G. F. Cane, Loomis, Calif., for .75 c.f.s. and 10 a.f. from Miners Ravine, tributary to Dry Creek, for irrigation of 60 acres.

App. 11259 (Mariposa County). Gilbert F. Haney, Mariposa, Calif., for 5 m.i. from Cold Springs Creek, Spring Brook Creek and unnamed spring group tributary to east branch Chowchilla River for domestic and irrigation of 20 acres; estimated cost, $1000.

App. 11260 (San Diego County). Crest Public Utility District, El Cajon, Calif., for 1.0 c.f.s. from Sweetwater River, tributary to San Diego Bay, for municipal use; estimated cost, $100,000.

App. 11261 (Los Angeles County). Universal Engineering Co., Ltd., Saugus, Calif., for 0.5 c.f.s. and 120 a.f. from Gorman Canyon, tributary to Santa Clara River, for domestic, irrigation and stock watering.

App. 11262 (Tehama County). E. B. Estates Feed & Livestock Co., Red Bluff, Calif., for 30,000 a.f. from Thomes Creek, tributary to Sacramento River, for irrigation of 35,000 acres.

App. 11263 (Glenn County). Gene Valla Tire Co., Willows, Calif., for 12 c.f.s. from B1 drain of Glenn-Colusa Drain, tributary to Willow Creek, for irrigation of 440 acres; estimated cost, $5000.

App. 11264 (El Dorado County). Vernon D. Sprock and Ernest K. Richardson, Sacramento, Calif., for 0.05 c.f.s. and 1 a.f. from Tamarack Flat Creek, tributary to south fork American River, for domestic, recreational and fire protection.

App. 11265 (San Diego County). Walter P. Capehart, Jacumba, Calif., for 120 g.p.m. from unnamed canyon, tributary to Imperial Valley watershed, for recreational and domestic purposes; estimated cost, $400.

App. 11266 (San Joaquin County). John C. Kelley, Stockton, Calif., for $6.96 c.f.s. from unnamed canal, tributary to San Joaquin River, for domestic and irrigation of 556.8 acres; estimated cost, $8000.

App. 11267 (Siskiyou County). John and George Brazie and Frank Wallier, Yreka, Calif., for 113 a.f. from Schulmeyer Creek, tributary to Julian Creek and Shasta River, for irrigation of 103 acres.

App. 11268 (Sacramento County). Alfred Kuhn, Sacramento, Calif., for 35 c.f.s. from east extension of Snodgrass Slough, tributary to Mokelumne River, for stock watering and irrigation of 1646 acres.

App. 11269 (Calaveras County). Geo. Modrell and Brooks Smith, Stockton, Calif., for 3 c.f.s. from O'Neal's Creek, tributary to Calaveras River via Calaveritas Creek, for mining purposes; estimated cost, $3000.

App. 11270 (Madera County). C. E. Williams, Bass Lake, Calif., for 0.05 c.f.s. from north fork Willow Creek, tributary to San Joaquin River, for domestic purposes.

App. 11271 (Plumas County). D. Hodges, Keddie, Calif., for 1.0 g.p.m. from Watering Trough Spring, tributary to Spanish Creek, for domestic purposes.

2/13/46 31

TO PREPARE PLANS

HOLBROOK, Ariz.—Consulting Engineers Headman, Ferguson & Carrolio, Ellis Bldg., Phoenix, Ariz., have been commissioned to prepare plans and specifications for improvements to the water system at Holbrook for the City of Holbrook, Ariz. The proposed work includes increasing water storage capacity; estimated cost, $60,000.

33—BRIDGES

2/13/46 • 33

ENGINEER SELECTED

OROVILLE, Butte Co., Calif—Donald R. Warren Co., engineers, 417 Market St., San Francisco, has been authorized by the Butte County Board of Supervisors, Courthouse, Oroville, to prepare plans and specifications for a new bridge to replace the Bidwell Bar suspension span. The bridge will be either a 24- or 26-ft. wide steel structure, approximately 200-ft. long. Bert Paxton, Butte County consulting engineer, Oroville, has been authorized by the board to advertise for bids for immediate construction upon the acceptance of the designs.

34—DAMS, RESERVOIRS & DREDGING

2/13/46 • 34

CONTRACT AWARDED

BOULDER CANYON PROJECT, Arizona-California-Nevada. — Morrison-Knudsen Co, 810 Title Guarantee Bldg., Los Angeles, and J. F. Shea Co., 61 7S. Olive St., Los Angeles, at $1,228,841 (joint bid), awarded contract by the Bureau of Reclamation, Yuma, Ariz., for the construction of earthwork, concrete lining and structures, station 5150 plus 00 to station 5725 plus 00, Coachella Canal, All-American Canal System, Boulder Canyon Project, Arizona-California-Nevada; Specification No. 1113. The work is situated from 11 miles southeast to 2 miles east of Indio, Calif. Bids were received December 10.

2/13/46 • 34

PROSPECTIVE BIDDERS

ASTORIA, Ore.—As previously reported, until February 14, 10 A. M., bids will be received by Capt. G. A. Duncan, officer in charge of construction, Bureau of Yards & Docks, 13th Naval District, Exchange Bldg., Seattle, Wash., for the following work on inactive fleet berthing facilities:

Remove and dispose of two seaplane ramps, dredge 3,000,000 cu. yds. material other than solid rock, dredge and dispose of same into breakwater, remove and dispose of 1500 cu. yds. solid rock, dredging, including construction of breakwater and construction of timber groin.

Specifications obtainable from the above office.

The following contractors have taken out plans:

Puget Sound Bridge & Dredging Co., Harbor Island, Seattle.

Gilpin Construction Co., 4850 NW. Front St., Portland.

Marine Contractors, Inc., 8444 NW. St. Helens, Ore.

Port of Portland, Spalding Bldg., Portland, Ore.

Morrison-Knudsen Co., Inc., Hoge Bldg., Seattle.

Pacific Bridge Co., 333 Kearny St., San Francisco.

Case Construction Co., P. O. Box 416, San Pedro.

Ben C. Gerwick Co., Inc., 112 Market St., San Francisco.

Kaiser Co., Inc., Richmond, Calif.

Arundel Corp. and L. E. Dixon Co., 609 S. Grande St., Los Angeles.

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PROSPECTIVE BIDDERS

PORTLAND, Ore.—Until February 15, 2 P. M., bids will be received by the U. S. District Engineer Office, Colonel Walsh, chief engineer, Pittock Block, Portland, for furnishing all labor, materials and performing all work for construction of new levee at location 15 (Davis Place), along Boise River, approximately 1.5 miles from Starr, Idaho.

The following contractors have taken out plans:

Triangle Construction Co., 3507 Crescent Rim Drive, Boise, Idaho.

Western Rock Co., Airport Rd., Pendleton, Ore.

J. A. Terteling & Sons, 1011 Fairview Ave., Boise, Idaho.

Morrison-Knudsen Co., Inc., 319 Broadway, Boise, Idaho.

Wardle Bros. Excavating Co., Boise, Idaho.

Barnhart & Wheeler, 326 Monroe Ave., Pocatello, Idaho.

Smith & Wildman, 111 Shoshone St. N., Twin Falls, Idaho.

Wallace Bros., Idaho Falls, Idaho.

Nick Burgraf, South Highway, Idaho, Falls, Idaho.

Olaf Nelson, Logan, Utah.

J. W. Morrison Co., E. 1005 32nd, Spokane, Wash.

Oscar Butler & Son, 4900 NE. 42nd, Portland, Ore.

Roy L. Bair, W. 1220 Ide, Sopkane, Wash.

Otis Williams Co., 630 Hauser Blvd., Helena, Mont.

S. Birch & Sons Co., 314 Ford Bldg., Great Falls, Mont.

Brennan & Cahoon, P. O. Box 507, Pocatello, Idaho.

2/13/46 • • 34

BIDS WANTED

DESCHUTES PROJ., Ore. — Until Feb. 28, 10 A. M., bids will be received by the Bureau of Reclamation Bend, Oregon, Walker R. Young, Chief Engineer, under Spec. 1174 for furnishing labor and materials and performing all work for the construction of highway crossing, sta. 2718 plus 78, North Unit Main Canal; sta. 29 plus 17.7, lateral M-48; station 30 plus 51.23, lateral M-51, Deschutes Project, Oregon. The work is situated in the vicinity of Metolius, Oregon.

The principal items of work and the estimated quantities involved are as follows:

3000 c.y. common excav. for struc.;
100 c.y. rock do;
2500 c.y. backfill;
2000 c.y. compacting backfill;
310 c.y. concrete in structures;
placing 42,000 lbs. reinf. bars;
laying 125 l.f. 18-in. diam. conc. pipe;
laying 272 l.f. 36-inch do.

This invitation for bids does not cover the purchase of materials which are to be furnished by the Government. Materials to be furnished by the contractor and those furnished by the Government are described in the specifications which will be a part of the contract.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: R. J. Newell, Regional Director, P. O. Box 937, Reclamation Bldg., Fairgrounds, Boise, Idaho; C. H. Spencer, Construction Engineer, Bend. Oregon; Walker R. Young, Chief Engineer, U. S. Customhouse, Denver 2, Colo.; and Michael W. Straus, Commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the Construction Engineer.

2/13/46 • • 34

BIDS WANTED

DENVER, Colo.—Until April 2, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, under Spec. No. 1173, for furnishing and delivering fob cars at the shipping point or fob cars at Friant, Calif., at the option of the bidder, two 86-inch interior differential needle valves with control stands, paradox controls, supports and anchor bolts, and erection equipment; eight 96-inch hollow-jet valves, with valve controls, intermediate shafts, anchor brackets and bolts, and erection equipment; and adapters and connection bolts for installation in the Madera Canal outlet, the Friant-Kern Canal outlet, and the river outlet at Friant Dam, Central Valley Project, Calif. The valves will be installed by the Government.

The specifications do not contain a provision for liquidated damages for delay. No charge for copies of the specifications to prospective bona fide bidders; to others, $2.00, not returnable. For particulars, address the Bureau of Reclamation, Denver.

2/13/46 34

COMPLETING PLANS

VENTURA, Ventura Co., Calif.—Donald R. Warren Co., engineers, 500 S Figueroa St., Los Angeles, is completing plans and specifications for the city of Ventura for the construction of storm drains in Oak St., Ventura; est. cost, $60,000. A call for bids will probably be issued this summer.

2/13/46 • 34

ADDENDUM ISSUED

CADDOA, Bent Co., Colo.—The U. S. District Engineer Office, Commercial Bldg. and P. O. Box 1538, Albuquerque, N. M., has issued an amendment No. 1 to advance notice No. 24 stating that bids for the completion of John Martin Dam will be issued immediately upon settlement of the present steel strikes instead of February 1, as previously indicated. The period of solicitation will be 30 days from the date of issuance. Plans and specifications will be available from the above office upon deposit of $25.

2/13/46 • 34

TO ASK BIDS

NEAR MOUNTAIN HOME, Arkansas.—The U. S. District Engineer Office, Gay Bldg., Broadway at Third, Little Rock, Ark., will issue a bid call about February 20 and bids will be opened about April 23 for the construction of the Bull Shoals Dam, a concrete gravity type dam, and appurtenances, on the White River in Arkansas. The dam is located on White River, approximately 420 miles above its mouth. The damsite lies in Baxter and Marion counties, central northern Arkansas, approximately 115 miles north of Little Rock and 10 miles west of Mountain Home, Arkansas.

The project involves the following works: Care and diversion of the river; clearing, grubbing, excavation and foundation preparation; drilling and grouting; concrete masonry; miscellaneous drainage structures and systems; installing penstock and tainter gates, including operating machinery; furnishing and installing slide gates and conduit lining; furnishing and installing rigid electrical conduit system; fill, backfill, riprap and gravel surfacing; miscellaneous piping, valves, castings and structural steel; 1200 calendar days for completion.

The principal items of work are:

(1) 400,000 cu. yds. common excavation;
(2) 450,000 cu. yds. rock excavation;
(3) 42,200 lin. ft. core drilling;
(4) 36,000 lin. ft. percussion drilling;
(5) 1,700,000 bbls. unloading, hauling and storing cement;
(6) 2,000,000 cu. yds. concrete work;
(7) 10,300,000 lbs. penstocks, gates, conduit lining, accessories and operating machinery;
(8) 7,000,000 lbs. reinforcing and structural steel;
(9) 200,000 lbs. electrical conduit and fittings;
(10) 100,000 M gallons pumping cooling water.

Plans and specifications are available from the above office upon depoist of $50 for each set of plans and will be available for inspection in the office of the U. S. District Engineer Office, 751 S. Figueeroa St., Los Angeles.

2/13/46 • 34

TO ASK BIDS

LOS ANGELES, Calif.—The U. S. District Engineer Office, 751 S. Figureau St., Los Angeles, will issue a bid call soon for the construction of channel improvements on the Los Angeles River from N. Broadway to Alhambra Ave. (river mile 23.5 to river mile 22.9).

The principal items of work are:

(1) 126,000 cu. yds. excavation;
(2) 41,000 cu. yds. backfill;
(3) 24,700 lin. ft. steel bearing piles;
(4) 6600 lin. ft. steel sheet piling;
(5) 20,000 cu. yds. concrete;
(6) 1,900,000 lbs. steel reinforcement;
(7) 27,200 bbls. portland cement.

Prospective bidders are invited to inspect the site of the work in order to acquaint themselves with local conditions affecting the execution of the proposed work.

2/13/46 • 34

TO ASK BIDS

LOS ANGELES, Calif.—The U. S. District Engineer Office, 751 S. Figueroa St., Los Angeles, will issue a bid call soon for the construction of channel improvements on the Los Angeles River from Aliso St. to Alhambra Ave. (river mile 22.2 to river mile 22.9).

The principal items of work are:

(1) 118,000 cu. yds. excavation;
(2) 34,300 cu. yds. backfill;
(3) 4850 cu. yds. rock excavation;
(4) 22,000 lin. ft. steel bearing piles;
(5) 24,000 cu. yds. concrete;
(6) 2,625,000 lbs. steel reinforcement;
(7) 36,200 bbls. portland cement.

Prospective bidders are invited to inspect the site of the work in order to acquaint themselves with local conditions affecting the execution of the proposed work.

2/13/46 • 34

PLANNED

MEDFORD, Ore. — The California-Oregon Power Co., John C. Boyle, general manager, 216 W. Main, Medford, Ore., has made application to the Oregon State Hydroelectric Commission for a license for the construction of a power development program on the North Umpqua River in eastern Douglas County, Oregon; estimated cost, $3,375,000. Plans call for the construction of the following projects:

(1) a 5600-ft. concrete-lined tunnel at Toketee Falls, 75 miles east of Roseberg on the North Umpqua River; estmated cost, $800,000;
(2) an earthfill diversion dam with a 350-ft. long crest and 35 ft. high; estimated cost, $300,000.

A call for bids for the above projects is expected as soon as weather permits. A call for bids will also be issued for the construction of a foundation and superstructure for a new concrete powerhouse approximately two miles below the falls and construction of a 125,000-volt power line, running 47 miles from Toketee Falls to Dixonville. The line is estimated to cost $600,000. The development will also require additional construction, plans for which have not been completed.

2/13/46 34

WORK RECOMMENDED

VENTURA COUNTY, Calif.—The U. S. District and Divisional Engineers have recommended that flood control construction be undertaken on the Santa Clara river and Santa Paula creek, Ventura County. The work would include paved levee on the south side of Santa Clara river from South Mountain to U. S. highway 101 bridge, a distance of about five miles and a concrete channel on lower Santa Paula creek from stream mile 3.1 to the Santa Clara river; estimated cost, $3,110,000.

35— DOCKS, PIERS & HARBORS

2/13/46 • • 35

BIDS OPENED

SAN FRANCISCO.—Pacific Bridge Co., 333 Kearny St, at $9,940 submitted low bid February 12 to the U. S. Engineer Office, 74 New Montgomery Street, for removal of the wreckage of the tug Reliance from slip adjacent to Pier 23.

Smith-Rice, at $14,890 submitted the only other bid.

36— PARKS, AIRPORTS & PLAYGROUNDS

2/13/46 • • 36

CONTEMPLATED

TULARE COUNTY, Calif. 1 mile northeast of Orange Cove.

Construction of airport, grading and treating strip for use of small ships, hangars for storage and repairs. Future plans include central building, hangars, auto parking area, ramp, freight loading area, 100-ship capacity (2500x300).

Owner—Tulare County Planning Commission.

Engineer—Earl B. Ingrim, engineer for the commission.

A public hearing will be held Feb. 13, 8 P. M. in the Orange Cove Farm Labor Camp, Tulare County.

37— RAILROADS, SUBWAYS & TUNNELS

2/13/46 37

NO BIDS RECEIVED

PORTLAND, Ore.—No bids were received February 5 by U. S. Department of Interior, Bonneville Power Administration, L. C. Stewart, Procurement Officer, 1300 NE Union Ave., Portland, under Spec. 3558 for railroad ties. Work may be readvertised at a later date.

27—TRANSPORTATION BUILDINGS

2/13/46 27

COMPLETING PLANS

LOS ANGELES COUNTY, Calif.—A E. Schmidt ,engineer ,777 E Washington Blvd., Los Angeles, is completing plans for a steel frame, concrete and stucco hangar and maintenance building to be built at 6020 W Century Blvd. (Los Angeles Municipal Airport), Los Angeles, for Western Airlines, Inc., 6331 Hollywood Blvd. The building will be two stories and will cover an area 260x 510 feet. Est. cost, $1,250,000.

Plans also provide for a nose-hangar to accommodate the larger ships. The Austin Co., 777 E Washington Blvd., Los Angeles, is the contractor.

38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

2/13/46 • 38

BIDS REJECTED

LONG BEACH, Los Angeles Co., Calif.—The City Council of the City of Long Beach, City Hall, Long Beach, has rejected all bids received January 29 because of an error in the low bid and a new bid call will be issued soon for the installation of an ornamental street lighting system in Atlantic Ave. from Bixby Rd. to San Antonio Dr., Long Beach; Specification No. R-1291. The work involves the installation of new standards and cable. As previously reported, Hoffman & Jacobs, 1122 Gaviota Ave., Long Beach, submitted the low bid at $14,714.33.

2/13/46 38

BIDS OPENED

SHOSHONE PROJECT, Wyoming. —The following apparent low bids were submitted February 8 to the Bureau of Reclamation, Denver, Colo., for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Thermopolis, Wyo., transformers, disconnecting switches and circuit breakers for the Hot Springs County REA substation, Shoshone Project, Wyoming; Spec. 1139:

Schedule No. 1—Kuhlman Electric Corp., (1) $6882.50, (1a) $9101.08, (2) $89.71.

Schedule No. 2—Westinghouse Electric Corp., Denver, $2018.

Schedule No. 3—Menco Engineering & Manufacturing Co., $1517.25.

Schedule No. 4—Westinghouse Electric Corp., $725.76.

Schedule No. 5—General Electric Co., $613.32.

39—SEWERS

2/13/46 • 39

PREPARING PLANS

HANFORD, Kings Co., Calif—Quintin Engineers, Ltd., 816 S. Figueroa St., Los Angeles, are preparing plans which are about 75 per cent complete for the construction of a sewage disposal plant for the City of Hanford. The project will involve the construction of a trickling filter plant and a sewage pumping station to be located about one mile from the south city limits of Hanford; estimated cost, $200,000.

2/13/46 • 39

BIDS WANTED

ALBUQUERQUE, N. M. — Until February 19, bids will be received by the City of Albuquerque, N. M., office of the city manager, Albuquerque, N. M., for the construction of a storm sewer system to "Highlands" flood waters. The work includes approximately seven miles of pipe ranging from 12-in. to 4-ft.; estimated cost, $180,000.

2/13/46 39

ENGINEER SELECTED

VENTURA, Ventura Co., Calif.—Donald R. Warren Co. ,engineers, 500 S Figueroa St., Los Angeles, has been commissioned by the city of Ventura to prepare plans and specifications for the construction of a storm drain in Ash St., Ventura; estimated cost, $25,000.

2/13/46 39

PREPARING PLANS

TEMPE, Ariz.—Headman, Ferguson & Carollo, consulting engineers, Home Builders Bldg., Phoenix, are preparing plans and specifications for an addition to the sewage treatment plant for the city of Tempe; est. cost, $70,000.

2/13/46 39

PREPARING PLANS

DINUBA, Tulare Co., Calif.—Quintin Engineers, Ltd., 816 S Figueroa St., Los Angeles, are preparing plans for the construction of an addition to the sewage disposal plant for the City of Dinuba; est. cost, $2000. Bids will probably be called during March for the construction of the addition.

2/13/46 39

BOND ELECTION PLANNED

WATSONVILLE, Santa Cruz Co., Cal.—An election will be held late this spring by the voters of the city of Watsonville, to approve a bond issue in the amount of $125,000, for the construction of a new sewage disposal system for the city of Watsonville. H. B. Kitchen, city engineer, City Hall, Watsonville, is now preparing plans and specifications for the project.

2/13/46 39

TO PREPARE PLANS

WINSLOW, Ariz.—Consulting Engineers Johannessen & Girard, 606 Ellis Bldg., Phoenix, have been commissioned to prepare plans and specifications for the construction of sanitary sewer distribution lines, pumping plant and other sewer improvements at Winslow for the City of Winslow; est. cost, $40,000.

2/13/4o • 39

BIDS WANTED

FORT LYON, Colo.— Until March 6, 11 A. M. (MST), bids will be received by the U. S. District Engineer Office, Commercial Bldg., P. O. Box 1538, Albuquerque, N. M., for the construction of the Fort Lyon Protective Works near Las Animas, Bent County, Colorado; Serial 46-31.

The principal features of work include clearing, grubbing, excavation and foundation preparation for the levee, cross dikes, intercepting ditches, reinforced concrete structures and pipelines; levee and cross dike embankments, including pervious and impervious fill, dumped riprap, gravel road surfacing, embankment toe drain and seepage ditch; drainage culverts and headwalls complete with control gates; storm sewers and inlets; operating equipment, including Imhoff tank effluent sump complete with electric-driven automatic pumps, receiving sump for surface drainage and pipelines and valves and a timber bridge. The completion time is 250 days, and specifications are available from the above office upon deposit of $10.

The work involves:

(1) lump sum, clearing and grubbing;
(2) 122,000 cu. yds. excavation, common;
(3) 226,000 cu. yds. excavation, borrow pit A, impervious;
(4) 80,000 cu. yds. excavation, borrow pit B, impervious;
(5) 292,000 cu. yds. excavation, borrow pit C, pervious;
(6) 210 cu. yds. excavation, rock;
(7) 522,200 cu. yds. rolled fill, pervious and impervious;
(8) 4325 cu. yds. riprap;
(9) 3150 lin. ft. road surfacing, gravel;
(10) 200 cu. yds. concrete, culverts;
(11) 75 cu. yds. concrete, sumps and catchbasins;
(12) 30,600 lbs. concrete, reinforcing steel;
(13) 90 lin. ft. 30-in. concrete pipe;
(14) 60 lin. ft. 10-in. same;
(15) 3430 lin. ft. embankment toe drain;
(16) 2255 lin. ft. 36-in. vitrified sewer pipe;
(17) 1885 lin. ft. 24-in. same;
(18) 680 lin. ft. 16-in. cast iron pipe;
(19) 70 lin. ft. 12-in. same;
(20) 375 lin. ft. 10-in. same;
(21) 245 lin. ft. 8-in. same;
(22) 5 lin. ft. 6-in. same;
(23) 15 lin. ft. 4-in. same;
(24) 5765 lbs. miscellaneous fittings;
(25) 1 each 10-in. gate valve;
(26) 1 each 12-in. same;
(27) 2 each 10-in. gate valves with extension stems;
(28) 2 each 8-in. gate valves;
(29) 1 each 6-in. same;
(30) 2 each 5-in. same;
(31) 2 each 4-in. same;
(32) 2 each 4-in. check valves;
(33) 4 each valve boxes;
(34) lump sum, pumps, Imhoff, effluent, complete;
(35) 1 each automatic drainage gate, 60-in. square;
(36) 1 each, automatic drainage gate, 10-in. diameter;
(37) 1 each, vertical lift slide gate, 48-in. square;
(38) lump sum, timber bridge.

2/13/46 39

BOND ELECTION

SANTA ANA, Orange Co., Calif.—The Santa Ana City Council will set a date next week for a special $1,500,000 bond election to finance the construction of sewers, storm drains, flood control and street improvements. The cost estimated for the projects are as follows: street improvements, $575,000; storm drains, $500,000; main line sewers, $300,000; improvements for flood control in Santiago Creek near Santiago Park, $125,000.

40— STREETS AND HIGHWAYS

2/13/46 • 40

BIDS WANTED

LAWNDALE, Los Angeles Co., Calif.—Until February 25, 5:15 P. M., bids will be received by Lucille J. Smith, superintendent of the Lawndale Elementary School District, 14,609 Grevillea, Lawndale, for grading and paving the Lawndale schoolgrounds, 3527 Compton Blvd., Lawndale. The ground covers an area 610x526 feet and is to be graded and surfaced with 4-inch decomposed granite and 1½-inch asphaltic concrete paving.

Plans and specifications may be obtained from the office of H. L. Gogerty Organization, architects and engineers, 3123 W. 8th St., Los Angeles, upon deposit of $10.

2/13/46 • • 40

BIDS WANTED

UTAH STATE HIGHWAY, Grand County, Utah.—Until Feb. 25, 2 P. M., bids will be received by the Utah State Road Commission, Salt Lake City, for the construction of a concrete culvert in Grand County, the same being that section of US. 50 between Thompson and Cisco identified as Project No. F-101 (6).

The length of road to be constructed or improved is 0.003 mile, and the items of work are as follows:

1465 c.y. excav. for structures;
558 c.y. Class A concrete;
90474 lbs. reinforcing steel;
1 each removal of exist. struc.

Plans and specifications are on file in the office of the State Road Commission, Salt Lake City, and the office of its District Engineer at Price, Utah, where they may be reviewed by prospective bidders.

Specifications, proposal forms, and plans will be furnished at Salt Lake City on depositing $2.00, which will be refunded, providing bidder submits an acceptable bid and returns the plans within seven days after the opening of bids.

2/13/46 • • 40

BIDS WANTED

UTAH STATE HIGHWAY, Millard Co., Utah.—Until Feb. 25, 2 P. M., bids will be received by the Utah State Road Commission, Salt Lake City, for construction of a 2½-inch plant mix bituminous surfacing in Millard County, being that section of US 91 between Holden and Scipio, FI Project No. 67 (2), a total distance of 5.075 miles.

Work involves:

11600 tons plant mix bit. surf.;
122,000 gals. bit. material (200 - 300 peneration);
68,000 gals. bit material, type MC-1;
21,300 gals. do, type RC-4;
1100 tons cover material;
32,300 tons gravel or crushed rock base course;
31,000 tons crushed rock or crushed gravel surface course;
8,000 tons pit run gravel;
191,000 c.y. unclass. excav.;
800,000 sta. yd. overhaul, Class A;
19,000 yd. mi. overhaul, Class B;
200 c.y. channel excavation;
2,900 hours rolling;
3,500,000 gals. watering;
12 acres clearing and grubbing;
170 l.f. 18-in. CGM pipe;
1,098 l.f. 24-inch CGM pipe;
74 l.f. 30-inch CGMpipe;
275 c.y. excav. for structures;
37 each guide posts;
120 each right of way markers;
4.7 miles obliteration of old road;
3324 l.f. right of way fence, type A.

Plans and specifications are on file in the office of the State Road Commission, Salt Lake City, and the office of its District Engineer at Cedar City, Utah, where they may be reviewed by prospective bidders.

Specifications, proposal forms, and plans will be furnished at Salt Lake City on depositing $2.00, which will be refunded, providing bidder submits an acceptable bid and returns the plans within seven days after the opening of bids.

2/13/46 40

COMPLETING PLANS

VENTURA, Ventura Co., Calif.—Donald R. Warren Co., engineers, 500 S Figueroa St., Los Angeles, is completing plans for the city council of the City of Ventura, for the repaving of Santa Clara St., Ventura, with asphaltic concrete pavement. A call for bids will probably be issued this summer; est. cost, $60,000.

2/13/46 40

PLANNED

GLOBE, Ariz.—The Gila County Highway Dept., Courthouse, Globe, Ariz., has reported plans for construction of improvements to 12 miles of feeder highway from Station 0 plus 00 to Station 638 plus 81.9; Roosevelt-Payson Highway, in Gila County, Ariz.; est. cost, $125,000.

2/13/46 40

BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engr. G. T. McCoy announces cost of blue prints now available for work for which bids will be opened in Sacramento on March 6:

IV-Ala-5,69-C,A bet. Warm springs and Mission San Jose and bet. Warm Springs and Centerville: Plans, incl. sales tax, $0.77; Cross-Sections, incl. sales tax, $6.15; total, incl. sales tax, $6.92.

IV-Ala-69-Oak, bet. Distrib. Struc. and 7th St.: Plans, incl. sales tax, $0.77; No Cross-Sections.

V-Mon-2-B, bet. 2 miles south of Salinas and Salinas: Plans incl. sales tax, $1.54; Cross-Sections, incl. sales tax, $4.46; Total, incl sales tax, $6.

Checks for the above should be made payable to the Department of Public Works, Division of Highways and should accompany the order to this office.

Requests for the above plans, specifications, and proposal form must be addressed to the office of the State Highway Engineer, P. O Box 1499, Sacramento.

Blue prints of plans are sold at cost and are not returnable for refund.

(Continued on Page 4)

WANTED
FOR SALE • FOR RENT
★
USED EQUIPMENT AND MATERIALS

FOR SALE

NEW & RECONDITIONED DIMENSION LUMBER
TIMBERS, wallboards, plumbing, pipe, millwork, and other building materials. SALE PRICES. Large stocks of "hard to get" items.
Wire, write, or 'phone
CLEVELAND WRECKING CO.
2900 Third St. - VAlencia 4977

70-ft. STEEL TOWER, 28 M gal. REDWOOD TANK and two 66-in. x 24-ft. x ⅛-in. STEEL PRESSURE TANKS to be sold as one unit. Located in San Francisco. Must be removed at once. Sacrifice. Write, 'phone or wire for information.
CLEVELAND WRECKING CO.
2800 Third Street, San Francisco
VAlencia 4977 (tf)

No. 1 R. W. SPLIT FENCE POSTS. 4x5—7ft, 59c delivered within 50 miles radius of S. F. Truckload lots. Order early. TRANSOM COAST SERVICE, 420 Market St., S. F. 11. SUtter 1292.

Approx. 45,000 sq. ft. LUMBER 1x6 and 2x4 built-up in forms. If interested in entire lot phone EX 6905.
(2/13-14-15-16(19)

WANTED

WORK FOR D 8 TRACTORS, CARRYALLS and TERRA COBRAS. Phone Stockton 66639. tf

HEATING BOILERS NEW
IMMEDIATE FACTORY DELIVERY
15 lbs. W. P. Heating Boilers, 715 sq. ft. heat surface, 2916 B.T.U. per hour, mechanically fired
PACIFIC AGENCIES, INC.
Phone YUkon 0247

Building Permits, Contracts---Recorded Notices

BUILDING PERMIT Applications $500 AND OVER

ALAMEDA

DWELLINGS, two 1-story 5-room, $7,000 each; 1720, 1724 Chapin St; owner, A H Rahlves, 1630 Webster St, Oakland; contractor, A H and W H Rahlves, 1630 Webster St, Oakland.
ALTER, $5000; 849-51 Santa Clara Ave; owner, Frank Reynolds, 498 Weldon, Oakland; contractor, J E Carlson, 3109 Texas St.
DWELLING, 1½-story 6-room, $8,000; 1604 Versailles Ave; owner and builder, J J Grodem, 1617 Fernwood Dr, Oakland.
DWELLING, 1-story 6-room, $9000; 2945 Marina Dr; owner, J V Barker, 1718 Lafayette St; contractor, W J Kraus, 6042 Broadway, Oakland.
ADDN to bank bldg, $18,000; 1452 Webster St; owner American Trust Co, 464 California St, S F; contractor, Swanstrom & Stahl, 2034 Hoover Ave, Oakland.

SAN MATEO

GARAGE, $800; 143 12th Ave; owner and builder, A H Pattisson.
STORE, $1000; 2321 El Camino; owner, Walter A Burke; builder, Cunningham Construction Co.
STORE, $11,000; 2319 El Camino; owner, Walter A Burke; builder, Cunningham Construction Co.
ALTER DWELLING, $6000; 53 San Mateo Dr; owner, A J Corbett; builder, Rene Johnston.
DWELLING, $19,000; 561 Parrott; owner, Jack Tucker; builder, Geo H Dunlay.
DWELLING, $2000; 158 Arbor Lane; owners and builders, Mr and Mrs V Mahn.
ALTER DWELLING, $1500; 829 W Grant; owner, R Dang; builder, Geo Lith.
DWELLING, $13,000; 506 Bucknell Dr; owner and builder, Allan McIntyre.

BURLINGAME

STORE and office bldg, $32,000; Lot 22 Blk 14, Broadway; owner, L E Higbee; contractor, De Puci and Son.
ALTER store bldg, $2500; 1318 Burlingame Ave; owner, S K Whipple; contractor, Nicoli White, Inc.
RESIDENCE, $8000; Lot 15 Blk 1, Chula Vista; owner and builder, Joe Peña.
ALTER residence $1000; 28 Highland; owner and contractor, A Beltan, Jr
DUPLEX, $8,000; Lot 14 Blk 1, Chula Vista; owner and builder, F W Spillir.

FRESNO

SIGN, $570; 1143 N 1st St; owner, Don's Market; contractor, Hamlin Neon Sign Co.
ALTER gift shop, $500; 1460 N Van Ness; owner, H P Olsen.
BUILDING, $20,000; 1742 H Street; owner, Peerless Pump Co; contractor, Harris Constr Co.
REPAIR warehouse, $7000; 858 G St; owner, Penny Newman Co; contractor, J Masters Co.
DWELLING, $6500; 2546 N Fruit; owner, Jos J Gray; contractor, Joe Brown.
DWELLING and garage, $5000; 3844 Butler; owner, Harry Kojigian.
TEMP BLDG, $2500; 4435 Madison; owner, S E Thomas.
STORE, $2000; 1104 Belmont; owner, Denver Owens.
DWELLING, $2000; 1938 Clay; owner and builder, Geo H Martin.
TEMP BLDG, $700; 1503 S 3rd St; owner, M F Feuber.
SIGN, $664; 320 N Fresno; owner, Bellevue Lunch; contractor, Hamlin Neon Sign Co.

Completion Notices

SAN MATEO COUNTY

Feb. 4, 1946—Lot 24 and southerly ½ of Lot 26 and southerly ½ of Lot 27, ptn of Lot 1, Block 23, Devonshire. Edward and Katherine M Schuck to L Bleily.........Jan. 26, 1946
Feb. 4, 1946—Ptn of Lots 27 and 28, Block 5, Map No 2, Starford Park, Menlo Park. Josephine Marie Bird to R B Elston, Palo Alto.........Jan. 1, 1946
Feb. 4, 1946—Lots 11 and 16, Block 6, Map No 3, Shore View Tract, San Mateo. Newbridge Park Realty Co to Belle Haven Realty Co.........Feb. 1, 1946
Feb. 4, 1946—NE ½ of Lot 10, Block 30, Oak Park. Donald Anthony McCormick and Edith S McCormick to E T James.........Feb. 1, 1946
Feb. 5, 1946—Lot 45, The Willows, Map No 3. J R and Cameron A Simon to Dulleck Bros..Jan. 31, 1946
Feb. 5, 1946—Lot 62, College Park, San Mateo. Thomas J Martin to T J Martin.........Feb. 2, 1946
Feb. 5, 1946—Southwest corner of Hudson and Katherine, Lot 16, Block 9, Central Park, Redwood City. Henry M Prince to E C Baker.........Feb. 4, 1946
Feb. 5, 1946—NE 40 ft of Lot 12, Block 15, Oak Park, San Carlos. Chris D McKeon to McKeon Construction Co.........Jan. 28, 1946
Feb. 5, 1946—NW 40 ft of Lot 5, Block 9, Oak Park, San Carlos. Chris D McKeon to McKeon Construction Co.........Jan. 28, 1946
Feb. 5, 1946—SE 40 ft of Lot 22, Block 16, Oak Park, San Carlos. Chris D McKeon to McKeon Construction Co.........Jan. 28, 1946
Feb. 5, 1946—Westerly ½ of Lot 22, Block 15, Oak Park, San Carlos. Chris D McKeon to McKeon Construction Co.........Jan. 28, 1946
Feb. 5, 1946—NE ½ of Lot 6, Block 22, Oak Park, San Carlos. Chris D McKeon to McKeon Construction Co.........Jan. 28, 1946
Feb. 5, 1946—Lot 225, Southwood Map No 3, South San Francisco. American Homes Development Co to G W Williams Co, 10 California Dr, Burlingame..Jan. 31, 1946
Feb. 6, 1946—Lot 8, Block 7, White Oaks Tract, Subdivision 2, San Carlos. Paul F and Barbara H Kelly to Conway & Culligan.........Jan. 31, 1946
Feb. 6, 1946—Lot 12, Block 1, Edgewood Park. Harry H Weiner to same.........Feb. 4, 1946
Feb. 7, 1946—NW corner Peoria and Crocker Blvd, known as 498 Crocker Blvd; SW Crocker Blvd 75 NW Peoria St, known as 450 Crocker Blvd; SW Crocker Blvd 50 NW Peoria St, known as 462 Crocker Blvd; SW Crocker Blvd 25 NW Peoria St, known as 474 Crocker Blvd, Daly City. A Nelson to same.........Feb 4, 1946
Feb. 7, 1946—Lot 1, Block 11, San Mateo Knolls. Raymond O and Antoinette McHenry to Peninsula Home Builders.........Feb. 6, 1946
Feb. 7, 1946—Lots 24, 21, 20, 19, Block 17, all on Sevier Ave, Newbridge Park Tract No 2. Arthur and Eva Greenbach to Arthur Greenbach.........Feb. 4, 1946
Feb. 8, 1946—Lot 2, Block 29, San Mateo Terrace No 7, San Mateo. George H and Mildred H Eveland to Hardiman Construction Co, Inc.........Feb. 7, 1946
Feb. 8, 1946—Lot 7, Scenic Heights No 1. Mrs Frank H Davis to Harry H Weiner.........Feb. 7, 1946
Feb. 8, 1946—Lot 25, Block 12, Amended Map of Subdivisions No 1, 2 and 3 of City of Visitacion. Allerd Herman and Carmen Sorenson to Floyd Miller....Feb. 6, 1946
Feb. 8, 1946—Lot 221, Southwood Map No 3, South San Francisco. American Homes Development Co to G W Williams Co.....Feb. 5, 1946
Feb. 8, 1946—Lot 220, Southwood Map No 3, South San Francisco. American Homes Development Co to G W Williams Co.....Feb. 2, 1946
Feb. 8, 1946—Lot 224, Southwood Map No 3, South San Francisco. American Homes Development Co to G W Williams Co.....Feb. 1, 1946
Feb. 8, 1946—Lot 223, Southwood Map No 3, South San Francisco. American Homes Development Co to G W Williams Co.....Feb. 2, 1946
Feb. 8, 1946—Lot 222, Southwood Map No 3, South San Francisco. American Homes Development Co to G W Williams Co.....Feb. 4, 1946
Feb. 8, 1946—Ptn Lot 12, Block 19, Map No 2, Central Park, Redwood City. Ernest and May D Lawrence to Leonard RealtyCo.........Feb. 8, 1946
Feb. 9, 1946—Lots 3 and 4, Block 2, Brookhaven, Belmont. Marino Yvonne Laversen to who it may concern.........Feb. 1, 1946

Engineering Section

(Continued From Page Three)

40— STREETS AND HIGHWAYS

2/13/46 40

BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engr. G. T. McCoy announces cost of blue prints now available for work for which bids will be opened in Sacramento on March 7:

VII-L.A-168-C. on Rosemead Blvd. bet. Huntington Blvd. and Colorado St. Plans, including sales tax, $1.38; Cross-Sections including sales tax, $5.38; Total, including sales tax, $6.76.

XI-S.D-78-D,E, bridges across Mataquai Valley Creek, Canada Verde Creek and Acorn Creek, Plans, including sales tax, $1.23; no Cross-Sections.

Checks for the above should be made payable to the Department of Public Works, Division of Highways and should accompany the order to this office.

Requests for the above plans, specifications, and proposal form must be addressed to the office of the State Highway Engineer, P. O Box 1499, Sacramento.

Blue prints of plans are sold at cost and are not returnable for refund.

2/13/46 40

BIDS OPENED

SAN DIEGO, San Diego Co., Calif. —R. E. Hazard, 2548 Kettner Blvd., San Diego, submitted the low bid to the U. S. Navy, Public Works Office, 11th Naval District, 1220 Pacific Highway, San Diego, February 11, at $8190, for labor and materials for the construction of 40,000 sq. ft. of automobile parking facilities at the Naval Hospital, San Diego; Specification No. 16953. The project will include earthwork, clearing of site, asphaltic cement concrete paving, moving existing utilities, wire fence and other miscellaneous work; completion time 45 days.

The total bids submitted were:
(A) R. E. Hazard, $8190.
(B) V. R. Dennis Construction Co., $9448.
(C) Griffith Co., $9660.
(D) Daley Corp., $10,250.
(E) A. Farnell Blair, $11,472.

The complete bids submitted were:

	(A)	(B)	(C)	(D)	(E)
(1)....	$8190	$9448	$9660	$10250	$11472
(2)....	720	730	700	873	875
(3)....	540	550	525	650	660
(4)....	800	900	865	975	1138
(5)....	1575	1748	1700	1925	2315
(6)....	2325	2680	2600	2898	3470
(7)....	1.44	1.50	1.40	1.75	1.72

2/13/46 40

BIDS WANTED

WYOMING STATE HIGHWAY.—Until February 21, 9 A. M., bids will be received by the Wyoming State Highway Commission, Capital Bldg., Cheyenne, Wyo., for the construction of the following highway projects:

(1) Wyoming Project No. F-229 (1), involving the grading, draining and miscellaneous work, construction of one I-beam span bridge, one treated timber span bridge and 9 R. C. culverts on 12.976 miles of the Lusk-Newcastle Rd. in Niobrara County. Separate bids will be received for the grading, draining and miscellaneous work and for the bridges and R. C. culverts. Completion time, 200 days and 180 days for the grading and bridges, respectively.

(2) Wyoming Projects Nos. F-64A (2) and F-64C (1) combined, involving the construction of grading, draining, base course surfacing, one R. C. culvert and miscellaneous work on 14.888 miles of the Muddy Gap-Rawlins Rd. in Carbon County. Completion time, 200 days.

(3) Federal Aid Projects Nos. SN-FAI 58A (6) 1943 and SN-FAGHI 58B (2) 1942 and 1943 combined, involving the construction of grading, draining, base course surfacing, oil treatment by the road mix method, stone chip seal coat, 3 continuous plate girder spans and one I-beam span and miscellaneous work on 1.306 miles of the Granger Jct-Green River Rd. in Sweetwater County. Completion time, 160 days.

(4) Wyoming Projects Nos. F-170C (2) and F-131 (2) combined, involving the construction of grading, draining, base course surfacing, oil treatment by the road-mix method, stone chip seal coat, miscellaneous work, two treated timber bridges widening, one treated timber bridge, one R. C. culvert and two R. C. culvert extensions on 12.698 miles of the Lusk-Nebraska State Line Rd. in Niobrara County. Separate bids will be received for the grading, draining, base course surfacing, oiling and miscellaneous work and for the bridges and R. C. culverts. Completion time, 200 days and 120 days for the grading and bridges, respectively.

Specifications available at the above office.

2/13/46 40

BIDS WANTED

LOS ANGELES, Los Angeles Co., Calif.—Until March 6, 10 A. M., bids will be received by the Los Angeles Board of Public Works, 153 City Hall, Los Angeles, for the grading, paving and otherwise improving of Century Blvd., between Inglewood - Redondo Rd. and Sepulveda Blvd., Los Angeles; a cash contract.

The work involves:
(1) lump sum, removal of 153 sq. ft. pavement; 586 sq. ft. curb; 1172 sq. ft. gutter;
(2) lump sum bids for grading, including grading for prepared sub-base;
  (a) for disintegrated granite sub-base, 5370 cu. yds. of excavation and 5294 cu. yds. of fill;
  (b) for select material sub-base, 7234 cu. yds. of excavation and 4563 cu. yds. of fill;
(3) prepared sub-base;
  (a) 214,012 sq. ft disintegrated granite sub-base minimum thickness 8-in.;
  (b) 214,012 sq. ft. select material sub-base, minimum thickness 12-in.;
(4) 2757 tons of asphaltic concrete wearing surface, including resurfacing;
(5) 5505 tons of asphaltic concrete base, including resurfacing;
(6) 306 sq. ft concrete pavement 8-in. thick;
(7) 11,135 lin. ft. of curb;
(8) storm drain and appurtenances and related work complete.

Alternate bid—Each bidder shall submit a bid on each alternative (a) and (b) of items 2 and 3.

2/13-46 40

BIDS WANTED

PHOENIX, Ariz.—Until Feb. 19, 10 A. M., bids will be received by the city clerk, City Hall, Phoenix, Ariz., for the improvement of certain portions of 20th Ave. from Granada Rd. to Monte Vista and Granada Rd., Palm Lane, Holly St. and Monte Vista Rd. from 19th Ave. to 20th Ave., Phoenix, Ariz., under Resolution of Intention No. 8315. Plans and specifications available from the office of the city engineer. Bond for 10% to accompany bid.

41—GAS, WATER AND OIL PIPE LINES

2/13/46 • 41

TO ASK BIDS

WELLS, Elko Co., Nev.—The City of Wells will call for bids about April 1, 1946, for the construction of cast iron water mains to cost approximately $9500.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Misc. Supplies & Materials	42
Machinery and Equipment	43

42— MISC. SUPPLIES AND MATERIALS

2/13/46 • 42

BIDS WANTED

SAN FRANCISCO—Until February 20, 10 A. M., bids will be received by the Reconstruction Finance Corporation, Office of Surplus Property, Consumers Goods Division, 30 Van Ness Ave., San Francisco, for the sale of 8000 Mayes Corporation water works stops in 1-in., ½-in. and ¾-in. sizes, with ⅛-in. bend coupling for lead pipe. Sales No. 45169. Material may be inspected at warehouse No. 4, 187-B, Lathrop Engineer Depot, Lathrop, Calif.

43— MACHINERY AND EQUIPMENT

2/13/46 43

ADDENDUM ISSUED

DENVER, Colo.—Following addendum issued under Spec. No. 1161 for "Fixed-Wheel Gate Frames for Penstock Structure at Davis Dam, Davis Dam Project., Ariz.-Nev.,", for which bids will be received at the Office of the Bureau of Reclamation, Denver, until 2 P. M., March 12.

1. The material for parts Nos. 22 R/L, 23 R/L, 24 R/L, and 25, shown on drawing No. 351-A-151, is hereby changed from "Steel B55" (structural steel) to "Corrosion Resisting Steel C-136."

2. Corrosion resisting steel C-136 shall conform in all respects to class 3, type A steel in accordance with Federal Spec. QQ-S-763a.

2/13/46 43

ADDENDUM ISSUED

COLUMBIA BASIN PROJ, Wash. —The following addendum has been issued under Spec. No. 1128, for "Pumps for Grand Coulee Pumping Plant, Columbia Basin Proj., Wash.", for which bids will be received at the office of the Bureau of Reclamation, Denver, Colo., under 2 P. M., March 7.

1. Paragraph 20 is hereby deleted and the following paragraph substituted therefor:

"20. Delivery—urgency of. Time of delivery is important, and complete shipment from the shipping point or points is desired within the periods of time stated in the following tabulation after date of receipt by the contractor of notice to proceed with manufacture:

Schedule	Calendar days
First pump	600
Second pump	660
Third pump	720
Fourth pump	780
Fifth pump	840
Sixth pump	900

"Bidders are required to state, in the blanks provided therefor in the schedule, definite periods of time within which shipments will be made. Notice to proceed with manufacture of the pumps will be issued as soon as funds are available therefor, as conclusively determined by the contracting officer. Time of delivery of the report of approved model tests and approved drawings of the pumps is desired within 280 calendar days after date of receipt by the contractor of notice of award of contracts. Delays due to the operation of the National Priorities System made effective subsequent to the date of the bid will be considered to be delays due to unforseeable causes and beyond the control of the contractor."

2. Paragraph 21 "Delays—liquidated damages", is hereby completely deleted.

2/13/46 • 43

SAN FRANCISCO. — The Reconstruction Finance Corp., Surplus Property Division, 30 Van Ness Ave., San Francisco, will receive offers from bonda fide dealers from Monday, Feb. 18, through Monday, Feb. 25, for the sale of miscellaneous trucks, 1½-ton to 6-ton, dump and cargo, and miscellaneous automobiles and motorcycles, located at various points in Northern California and Nevada, Southern California and Arizona; Sale No. 45181. Orders for units located in the Northern California-Nevada list should be forwarded to the above office; for units on the Southern California list, to the Los Angeles District Office, 1206 S. Maple Ave., Los Angeles; and for units on the Arizona list, to the Phoenix, Ariz. Specifications are available from the Reconstruction Finance Corp., Surplus Property Division, 30 Van Ness Ave., San Francisco.

2/13/46 43

CONTRACT AWARDED

CENTRAL VALLEY PROJECT, California.—The Judson-Pacific Murphy Corp., 1200 17th St., San Francisco, at $48,059, was awarded contract by the Bureau of Reclamation, Denver, Colo., for furnishing and delivering a gantry crane equipped with a trolley having a capacity of 40 tons and with a broom derrick having a capacity of 3½ tons for installation at the Keswick Dam, Kennett Division, Central Valley Project; Spec. 1112. The bids were received Dec. 26.

2/13/46 • 43

ADDENDUM ISSUED

CENTRAL VALLEY PROJECT, Calif.—Addendum has been issued as follows to Specifications No. 1163 for "jet pump for fish trap at Keswick Dam, Kennett Division, Central Valley Project, California," for which bids will be received at the office of the Bureau of Reclamation, Denver, Colo., until 2 P. M., March 6, 1946.

1. Paragraph 20 is hereby deleted and the following paragraph is substituted in lieu thereof:

"20. Delivery—urgency of. Time of delivery is important and complete shipment from the shipping point or points is desired within two hundred and eighty (280) calendar days for the articles, materials and supplies under item 1 of schedule No. 1, and one hundred and eighty (180) calendar days for the articles, materials and supplies under item 3 of schedule No. 2, after date of receipt by the contractor of notice of award of contract. Bidders are required to state, in the blanks provided therefor in the schedules, a definite period of time within which shipment will be made."

2. Paragraph 21, "Delays—liquidated damages," is hereby completely deleted.

Senator Downey

(Continued from Page 1)

peal to the appropriation committees in the Congress", Mo. Downey pointed out that central valley development, as a result of the war, is now four years behind the timetable.

"In those four years," he added, "the pressure of population against the resources of California has increased tremendously. Relatively, therefore, we are many years behind schedule in bringing the resources of these river basins into use for the people who want to live by them."

In a letter to Director Smith requesting the budget bureau to make a full investigation of the project's needs, Senator Downey declared that the benefits of the central valley undertaking would immediately be spread widely thru the whole economy of the state.

Among the major items listed in the Downey letters were $16,000,000 for construction of the Delta-Mendota Canal, the Delta Cross Channel and the Contra Costa Canal and lateral systems.

In the Friant Division an appropriation of $9,000,000 was suggested for the Friant-Kern Canal which, it was pointed out, would "bring water to the most seriously deficient area in the whole project."

At Shasta and Keswick dams the installation of new power facilities, including considerable construction work at Keswick Dam, was estimated to require $6,500,000. The largest expenditures for power facilities would go into power distribution—transmission lines, switchyards, and power stations—and would approximate $19,000,000.

The Downey recommendaton is in line with a resolution of the Water Project Authority of California which adopted a resolution on January 8 urging that the Bureau of Reclamation be granted at least $50,000,000 for the project next year.

The Authority, under the chairmanship of C. H. Purcell, director of public works, includes the state treasurer, state controller, director of finance and the attorney general of California.

—#—

Prospective Bidders

Richland Elementary School, Shafter, Kern County, Calif.

BIDS: Richland Elementary School District, Shafter, Feb. 27, 7:30 P. M. Plans prepared by Architect Ernest J. Kump Co., 251 Kearny St., San Francisco.

L. H. Hansen & Sons, 313 Palm Ave., Fresno.
A. J. Hendricks, Route 3, Box 205, Bakersfield.
Guy E. Hall, 1326 30th St., Bakersfield.
M. J. King, Inc., 231 Franklin St., San Francisco.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., San Francisco.
Rademann-Giusto, 40 Ringold St., San Francisco.

Frozen Food Locker, Greenfield Avenue, San Anselmo, Calif.

BIDS: J. J. Ongara, c/o Architect C. F. Gromme, Alberts Bldg., San Rafael, February 14, 5 P. M.

Gaither & Boe, 421 Alameda Rd., San Anselmo.
Peter Sartorio, 262 Clementina St., San Francisco.
Younger Construction Co., 575 Mission St., San Francisco.
De Luca & Son, 1745 Filbert St., San Francisco.
Litchfield Construction Co., 721 Francisco Blvd., San Rafael.
E. P. Merritt, 102 Rialto Bldg., San Francisco.
Kavanagh, Novato.

Residence, Merced Ave. near Garcia, San Francisco, Calif.

BIDS: Mr. Elrego, c/o Architect John J. Foley, 770 5th Ave., San Francisco, February 14, 5 P. M.

M. J. King, Inc., 231 Franklin St.
Ed Zinkand & Son, 667 36th Ave.
Jack Callaghan, 900 Clayton St.

Improve Landing Field, St. George, Utah

BIDS: Civil Aeronoutics Administration, 1500 4th St., Santa Monica, February 18, 10 A. M.; Pro. 6-46-129.

Brown Construction Co., Pueblo, Colo.
W. W. Clyde, Springville, Utah.
Gibbons & Reed C., 259 W. 3rd S., Salt Lake City, Utah.
Vinnell Co., 1145 Westminister Ave., Alhambra, Calif.
Carl E. Nelson, Logan, Utah.
Olof Nelson Construction Co., P. O. Box 267, Logan, Utah.
Wickey Engineering & Construction Co., Field House, College Hill, Logan, Utah.
Garn L. Moody, P. O. Box 469, North Hollywood.
Utah Construction Co., 1 Montgomery St., San Francisco.

Store Building, Valencia near Duvoce Ave. San Francisco, Calif.

BIDS: Kunst Bros., 1035 Mission St., c/o Architect John J. Foley, 770 5th Ave., San Francisco, February 14, 5 P. M.

M. J. King, Inc., 231 Franklin St., San Francisco.
Ed Zinkand & Son, 667 36th Ave., San Francisco.
Jack Callaghan, 900 Clayton St., San Francisco.

Sheet Metal Shop, 22nd and S Sts., Sacramento

BIDS: Architect Gordon Stafford, Insurance Bldg., 806 K St., Sacramento, February 15, 4 P. M.

Campbell Constr. Co., 800 R St., Sacramento.
Lawrence Constr. Co., 3020 V St., Sacramento.
Hoidener Constr. Co., 2608 R St., Sacramento.
Chas. F. Unger, 2426 Seventh Ave., Sacramento.
H. W. Robertson, 2917 T St., Sacramento.
Central California Constr. Co, 116 Erie St., San Francisco. • •

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BLDG. CONSTR. SUPT., good future. State experience and references. Reply Box 16, c/o Daily Pacific Builder. tf

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POSITION WANTED

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FENCED LOT, suitable for contractor's storage; 2 frontages; Bryant St. near 3rd. Rent $35 per month. ELk. 4253. to 2/15/46

Bid Opening Schedule

Bid Opening Date	Project	Location of Project	Noted in Issue
BUILDING PROJECTS			
2-13	School (County)	Shafter	1-24
2-13— 8:00 P.M.	—Shops Building	San Mateo	1-29
2-13—11:00 A.M.	—Safety Building	Bremerton	2- 8
2-13— 2:00 P.M.	—Telephone Building	Sacramento	2- 8
2-14— 5:00 P.M.	—Store Building	San Francisco	2- 8
2-14— 5:00 P.M.	—Residence	San Francisco	2- 8
2-14	Grain Elevator (Tulana Farms)	Warden, Ore.	1-23
2-14— 5:00 P.M.	—Fencing	Fresno	2- 6
2-14— 5:00 P.M.	—Locker Building	San Anselmo	2- 6
2-15— 4:00 P.M.	—Theater	Salinas	2- 6
2-15— 4:00 P.M.	—Shop	Sacramento	1-31
2-15—10 A.M.	—Dispatch Hall	Wilmington	1-30
2-15—	Warehouse	San Francisco	2- 4
2-15—	Lath Houses	Monrovia	2- 7
2-15— 5:00 P.M.	—Chevrolet Agency	San Rafael	2- 8
2-15—12:00 M.,	Car Barn	Portland, Ore.	2-11
2-18—	Film Exchange	Seattle, Wash.	2- 7
2-18— 3:30 P.M.	Girls' Dorm.	La Grande, Oregon	2- 7
2-18— 8:00 P.M.	—Schoolroom	Pittsburg	1-29
2-18	Steel Partitions (Govt.)	Denver, Colo.	1- 8
2-18 2:00 P.M.	—Women's Dormitory	Corvallis, Ore.	2- 5
2-18— 3:30 P.M.	—Girls' Dormitory	La Grande, Ore.	2- 5
2-19— 2:00 P.M.	—Hospital	Salem, Ore.	2- 5
2-19	Bond Election (Dist.)	San Jose	1- 7
2-19— 2:00 P.M.	—Hospital	Salem, Ore.	2- 4
2-19—11:00 A.M.	Building	San Francisco	2-11
2-20— 2:00 P.M.,	Elevator	San Francisco	2-11
2-20— 2:00 P.M.,	Houses	Denver, Colo.	2-11
2-20—10:00 A.M.	Painting	Berkeley	2- 7
2-20— 2:00 P.M.	—Repair Post Office	Downey	2- 4
2-21	Paint Post Office (Govt.)	Redondo Beach	1-18
2-21—11:00 A.M.	—Shop	San Francisco	1-31
2-21— 3:00 P.M.,	Residence	San Anselmo	2-11
2-21—11:00 A.M.	—Superstructure	San Francisco	2-12
2-25	Painting and Repairs (Govt.)	San Diego	1-23
2-26	Hospitals (Veterans' Admin)	Grand Junction, Colo.	1-25
2-26—11:00 A.M.	Gunnery Range	Crows Landing	2- 7
2-26— 3:00 P.M.	Residence	San Rafael	2- 7
2-26— 3:00 P.M.	—Service Building	San Francisco	2- 8
2-26— 3:00 P.M.	—Sales Building	San Francisco	2-12
2-27— 2:00 P.M.	Painting	Monrovia	2- 7
2-27— 2:00 P.M.	Painting	Lynwood	2- 7
2-27— 2:00 P.M.	Painting	Bell	2- 7
2-27— 2:00 P.M.	Painting	Fullerton	2- 7
2-27— 2:00 P.M.	Painting	Maywood	2- 7
2-27— 2:00 P.M.	Painting	St. Anthony	2- 7
2-27	Addition to School (Dist.)	Downey	1-16
2-27— 2:00 P.M.	—Elevator	Tacoma, Wash.	1-29
2-27— 7:30 P.M.	—School	Shafter	1-30
2-27— 2:00 P.M.	—Painting	St. Anthony	2- 4
2-27— 1:45 P.M.,	Alterations	San Francisco	2-11
2-27— 2:00 P.M.,	Boiler	San Gabriel	2-11
2-27— 2:00 P.M.,	Ceilings	Los Angeles	2-11
2-27— 2:00 P.M,	Ventilation	Los Angeles	2-11
2-27— 2:00 P.M.,	Doors	Preston	2-11
2-27— 2:00 P.M.,	Pump	Fullerton	2-11
2-28— 8:00 P.M.	—School Building	San Mateo	2-12
3- 1 — 2:00 P.M.,	Basement	Lancaster	2-11
3- 1	Painting (Govt.)	Eureka, Utah	1-25
3-11—12:00 M.	School	Palm Springs	2- 7
3-14— 2:00 P.M.	—School Buildings	Maricopa County, Ariz.	2- 8
ENGINEERING PROJECTS			
2-13— 1:30 P.M.	—Transmission Line	Portland, Ore.	1-30
2-13	Grading, Etc. (State)	El Dorado County	1-15
2-13—11 A.M.	—Water Pipe System	San Diego	1-25
2-13	Sewers (County)	Los Angeles County	1-21
2-13	Sanitary Sewers (County)	Los Angeles County	1-21
2-13—10:00 A.M.	—Traffic System	Vallejo	2- 6
2-14—10 A.M.	—Water Tank	Yelm, Wash.	1-30
2-14	Overhead Crossing (State)	Los Angeles	1-15
2-14	Overcrossing (State)	San Diego	1-15
2-14	Overcrossing (State)	Los Angeles	1-15
2-14—10 A.M.	—Highways	Olympia, Wash.	1-30
2-14—10 A.M.	—Water Mains	Yelm, Wash.	1-30
2-14—10:00 A.M.	—Ramps	Astoria, Ore.	2- 4
2-14—10:00 A.M.	—Sewer	Fresno	2- 5
2-14—10:00 A.M.	—Sewering	Fresno	2-12
2-14— 2:00 P.M.	—Project FH32-K	El Dorado County	2-12
2-15	Resurface Road (City)	El Dorado County	1-22
2-15—10:00 A.M.	—Well	North Las Vegas	1-29
2-15— 2:00 P.M.	—Levee Setback	Sacramento County	2- 6
2-15—10:00 A.M.	Highway	New Mexico	2- 7
2-15—10:00 A.M.	Highway	New Mexico	2- 7
2-15—10:00 A.M.	Highway	New Mexico	2- 7
2-15—11:00 A.M.	Grading, Etc.	Arizona	2- 7
2-15— 4:00 P.M.	—Sewer	Tucson, Ariz.	2- 8
2-15—11:00 A.M.,	Distrib. Line	Ritzville, Wash.	2-11
2-16—10:00 A.M.	—Runway	St. George, Utah	1-29
2-16	Improve Pine St. (City)	San Francisco	1-21
2-18	Runways (Govt.)		1-23
2-18—11:00 P.M.	—Bridge	Merced	1-29
2-18— 5 P.M.	—Sewage	Kelso, Wash.	1-30
2-18— 2:00 P.M.	—Highways	Snohomish County, Wash.	2- 5
2-18—10:00 A.M.	Airfield	St. George, Utah	2- 7
2-18— 8:00 P.M.,	Lighting	Ontario, Calif.	2-11
2-19—10:00 A.M.	—Dredging	Long Beach	2- 8
2-19— 3:00 P.M.	—Water Main	San Francisco	2- 8
2-19— 8:00 P.M.	—Sewers	Tracy	2- 8
2-19—10:00 A.M.	—Sewer	Riverside	2- 6
2-19— 8:00 P.M.	—Sewers	Tracy	1-29
2-19	Concrete Water Tank (City)	Ritzville, Wash.	1-16
2-19	Reservoir (City)	Ritzville, Wash.	1-21
2-19— 2:00 P.M.	—Ferry	Solano County	2- 4
2-20—11:00 P.M.,	Pipe Systems	San Diego	2-11
2-21— 3:30 P.M.,	Pier	San Francisco	2-11
2-21	Improve Highway (State)	Los Angeles	1-22
2-21	Freeway (State)	Los Angeles	1-24
2-21	Fort Gibson Dam (Govt.)	Fort Gibson, Okla.	1-18
2-21— 2:00 P.M.	—Storm Drain	San Bernardino	2- 8
2-25— 2:00 P.M.,	Highways	Orange County	2-11
2-26—11:00 A.M.,	Bridge	Los Angeles	2-11
2-27— 2:00 P.M.	—Bridge	Solano County	1-29
2-26—10:00 A.M.	—Storm Drain	Los Angeles County	2- 5
2-26—10:00 A.M.	—Tunnel Lining	Colorado-Big Thompson Project	2- 5
2-26—10:00 A.M.	—Highway	Olympia, Wash.	2-12
2-27— 1:30 P.M.	Clear Site	Napa County	2- 7
2-27— 2:00 P.M.	—Highways	Contra Costa County	1-29
3- 1— 5:00 P.M.	—Street	Sacramento	2-12
3- 1— 1:30 P.M.	—Highway	Nevada State Highway	1-31
3- 4— 4:00 P.M.	—Sewers	Tucson, Ariz.	2-12
3- 5—10:00 A.M.	—Earthwork	Central Valley Project	2-12
3- 6— 2:00 P.M.	—Highways	Monterey County	2- 5
3- 6— 2:00 P.M.	—Highways	Alameda County	2- 5
3- 6— 2:00 P.M.	—Highways	Oakland	2- 5
3- 6—10:00 A.M.	—Transmission Line	Rio Grande Project	2-12
3- 7— 2:00 P.M.	—Highways	Los Angeles County	2- 5
3- 5—10:00 A.M.	Canal	Central Valley Project	2- 7
3- 5— 1:30 P.M.	Transmission Line	Spokane, Wash.	2- 7
3- 6—10:00 A.M.	Grading	Los Angeles	2- 7
3- 6— 2:00 P.M.	Jet Pump Equip.	Central Valley Project	2- 7
3- 7— 2:00 P.M.	—Bridges	San Diego County	2- 5
3- 7—10:00 A.M.	—Earthwork	Shoshone Project	2- 6
3-12	Kortes Dam (Govt.)	Missouri Basin Project	1-18
3-13— 2:00 P.M.	—Freeway	Santa Clara County	2-12
3-14— 2:00 P.M.	—Grading	Los Angeles County	2-12
3-14— 2:00 P.M.	—Crossing	Los Angeles County	2-12
3-15— 2 P.M.	—Steel Towers	Central Valley Project	1-30
SUPPLIES AND EQUIPMENT			
2-13— 1:00 P.M.	—Calculating machines	Oakland	2- 6
2-13— 2:00 P.M.	—Alidades	San Francisco	2- 6
2-13— 3:00 P.M.	—Test Borings	San Francisco	2- 6
2-13— 3:00 P.M.	—Neon Sign	San Francisco	2- 6
2-13— 3:00 P.M.	—Cloth	San Francisco	2- 1
2-13— 5:30 P.M.	—Pipe	Oakland	2- 1
2-13— 7:30 P.M.	—Trucks	Modesto	1-29
2-13— 7:30 P.M.	—Sedans	Modesto	1-29
2-13— 7:30 P.M.	—School Bus	Coalinga	1-29
2-13	Span Bridge (State)	Kern County	1-15
2-13—10:00 A.M.	—Paint	Berkeley	1-31
2-13—10:00 A.M.	—Sockets	San Francisco	2- 4
2-13— 1:30 P.M.	Reinf. Bars, Etc.	West Los Angeles	2- 7
2-13— 1:45 P.M.	Boilers	San Francisco	2- 7
2-13—	Emulsion	Sacramento	2-11
2-14— 2 P.M.	—Burlap Wrappers	San Francisco	1-25
2-14— 2 P.M.	—Cellulose Tape	San Francisco	1-25
2-14— 2 P.M.	—Garbage Cans	San Francisco	1-30
2-14—10:30 A.M.	—Rails	Portland, Ore.	2- 4
2-14—10:00 A.M.	—Paint	San Francisco	2- 5
2-14—10:00 A.M.	—Webbing	San Francisco	2- 5
2-14—10:00 A.M.	Tractors	Long Beach	2- 7
2-14— 2:00 P.M.	—Conductor	Denver, Colo.	2- 8
2-15—11:00 A.M.	Distrib. Line	Ritzville, Wash.	2- 7
2-15—10:00 A.M.	—Machines	San Francisco	2- 5
2-15—10:00 A.M.	—Cable	San Francisco	2- 5
2-15—11:00 A.M.	—Hardware	San Francisco	2- 5
2-15— 2:00 P.M.	—Clamps	Denver, Colo.	2- 5
2-15— 5:00 P.M.	—Pipe	Sacramento	2- 5
2-15—10:00 A.M.	—Heater, Etc.	San Francisco	2- 4
2-15— 2 P.M.	—Pumps	Los Angeles	1-25
2-15— 2 P.M.	—Fiber Door Mats	San Francisco	1-29
2-15	Transformers (Govt.)	Las Cruces, N. M.	1-21
2-15—	Autos	San Francisco	2- 6
2-15— 2:00 P.M.,	Pads	San Francisco	2-11
2-15— 3:00 P.M.,	Distributors	San Mateo	2-11
2-15— 2:00 P.M.	—Compressor	Mendocino County	2-12
2-16—10:00 A.M.	Camels, Pontoons	Tacoma, Wash.	2- 7
2-18	Structural Steel Anchorages, Etc. (Govt.)	Central Valley Proj.	1-15
2-18	Tank Truck Facilities (Standard Oil Co.)	Richmond	1-25
2-18— 2:00 P.M.	—Notebook Holders	San Francisco	2- 1
2-18— 2:00 P.M.	—Telephone Wire	San Francisco	2- 1
2-18—10:00 A.M.	—Oars	San Francisco	2- 6
2-18— 2:00 P.M.	—Conductor	Denver, Colo.	2-12
2-18—10:00 A.M.	—Oars	San Francisco	2- 8
2-18—	Brooms	Sacramento	2-11
2-19—10:00 A.M.	—Scrap	———	
2-19— 2:00 P.M.	—Sheaths	San Francisco	2- 8
2-19— 2:00 P.M.	—Hose	San Francisco	2- 8
2-19— 1:30 P.M.,	Acous. Units	West Los Angeles	2-11
2-19— 3:00 P.M.	—Storage Tank	San Francisco	2- 6
2-19— 2:00 P.M.	—Spools	San Francisco	2- 1
2-19— 2:00 P.M.	—Hose	San Francisco	2- 4
2-19— 8:00 P.M.	Control Board	Contra Costa County	2- 7
2-20—10:00 A.M.	—Seats	San Francisco	2- 5
2-20—10 A.M.	—Sedan	Reno, Nev.	1-25
2-20—10:00 A.M.	Blast Coils	Berkeley	2- 7
2-20— 2:30 P.M.	Kitchen Equip.	San Francisco	2- 7
2-20— 8:00 P.M.,	Duplicator	Berkeley	2-11
2-20— 2:00 P.M.	—Canteens	San Francisco	2- 8
2-10— 2:00 P.M.	—Fire Hose	San Francisco	2- 8
2-20— 2:00 P.M.	—Storage Batteries	San Francisco	2- 8
2-20— 5:30 P.M.	—Transformers	Oakland	2- 8
2-20— 5:30 P.M.	—Circuit Breaker	Oakland	2- 8
2-20 5:30 P.M.	—Gate Valves	Oakland	2- 8
2-20— 5:30 P.M.	—Pipe Fittings	Oakland	2- 8
2-20— 5:30 P.M.	—Water Meters	Oakland	2- 8
2-20— 5:30 P.M.	—Sedans	Oakland	2- 8
2-20—12:00 Noon	—Pipe	Paradise	2-12
2-21—10:00 A.M.	—Pumps	San Francisco	2- 6
2-21—10:00 A.M.	—Gear Shift	San Francisco	2- 6
2-25—10:00 A.M.	—Road Oil	Helena, Mont.	2- 6
2-25	Radio Appliances (Govt.)	Denver, Colo.	1-22
2-25— 3:00 P.M.	—Gate Valves	San Francisco	1-31
2-25— 5:00 P.M.	—Sweeper	Stockton	2-12
2-25— 5:00 P.M.	—Pipe	Sacramento	2-12
2-26— 2:00 P.M.	—Sheeting	San Francisco	2- 8
2-27— 2:00 P.M.	—Elevator	Central Valley Project	1-31
2-28— 2 P.M.	—Cars	Redding	1-29
3-28— 2:00 P.M.	—Gate Hoists	Denver, Colo.	2-12
3- 1— 2:00 P.M.,	Stationary	San Francisco	2-11
3- 4— 2 P.M.	—Cars	Redding	1-29
3- 7	Pumps, Etc. (Govt.)	Columbia Basin Project.	1-11
3-12— 2 P.M.	—Cars	Denver, Colo.	1-29
3-12— 2:00 P.M.	—Annunciators	Boulder Canyon Project	2- 8
3-15—10:00 A.M.	—Drum Gates	Central Valley Project	2- 1
3-19— 2:00 P.M.	—Pumps	Denver, Colo.	1-31
3-20	Sanitary Sewer (City)	Mill Valley	1-18
3-21— 2:00 P.M.	—Crane Structure	Columbia Basin Project	2- 8

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Fifty-sixth Year—Vol. 56—No. 32 SAN FRANCISCO, THURSDAY, FEBRUARY 14, 1946 PRICE 15 CENTS PER COPY

PLANS and Speculations

San Francisco: Hale Brothers of California has announced plans to open a large appliance and radio division at 763 Market Street. The building will be completely remodeled and will inclue a 200-seat auditorium. Wm. Gladstone Merchant, 57 Post Street, is the architect for the project. Call for bids is not expected for about two months.

oOo

A toll tunnel through the Tehacaphi Range, a 26-mile, straight shot through the mountain barrier, which cuts California in two, now is in the rough planning stage. The plan is a brain child of Chas. West Jones, of Los Angeles, a senior bridge engineer for the State Division of Highways.

oOo

Fresno: A campaign to raise $60,000 to finance construction of a cathedral house for St. James Episcopal Parish has been launched. The cathedral house is the first unit of a building program, which contemplates the eventual construction of a new cathedral. Preliminary sketches have been prepared by Architect H. Rafael Lake and William Hartrup, Associate.

oOo

Patterson, Stanislaus Co.: Rev. Manuel Rose, pastor of the Sacred Heart Catholic Church, has announced that as soon as conditions permit, a new church will be built costing approximately $30,000. The structure will be of Spanish type with a single bell tower.

oOo

Denair, Stanislaus Co.: An underground 50-line cable from Turlock to Denair was proposed at the annual meeting of the Denair Telephone Association. M. L. Harmon, president of the association, reported the estimated cost of the three and a half mile cable is $11,000.

oOo

Rodeo: The membership of the First Baptist church has voted to incorporate. This is the first step towards purchasing a building site. The church plans to buy and to build just as soon as conditions will permit.

oOo

Willows: A $200,000 contract for the construction of one of the largest bulk storage plants for grain in northern California has been let by the Willows Rice Drier and Storage Company to The Berlinger Company of Orland. Robert Martin, industrial engineer of San Francisco, prepared the plans.

oOo

Engineers And Architects To Hold Joint Meeting

The Structural Engineers Association of Northern California has arranged with the architects of the San Francisco Bay Area to hold a joint meeting on March 5 to discuss "Modern Construction Versus Obsolete Building Codes".

The architects and engineers are often called upon to design and build structures under the provisions of building codes which are not in conformity with their own ideas, and which were prepared by others than themselves.

To the March 5 meeting will be invited building inspectors, contractors, materials men, and others interested in building construction and in building codes.

The public will be welcome at the meeting to be held in the Engineers' Club, 206 Sansome Street, beginning with dinner at 6:00 P. M.

—#—

GAGING LABORATORY ESTABLISHED AT L. A.

United States Army Ordnance has established on the Los Angeles campus of the University of California, under the supervision of the department of engineering, a complete gaging laboratory, it was announced today by Dean L. M. K. Boelter.

Nearly all the equipment formerly used at the Los Angeles branch of the San Francisco Ordnance District has been transferred to the campus, as well as several truckloads from the San Francisco laboratory.

"This is one of two such gaging laboratories established on the Pacific Coast, the other being at Stanford University," said Dean Boelter. "In cases where duplicate equipment was not available from this district, items have been transferred from eastern districts."

Among the larger items of equipment are two contour measuring comparators and several super-micrometers. The laboratory will be placed in service as soon as the temporary engineering building soon to be constructed is completed.

GROOVER AND I

WHAT PRICE YALTA?

The American people were repeatedly told, **and wanted to believe, there were no secret territorial agreements made at any of the Big Three Conferences.** This would have been in keeping with the Four Freedoms and the so-called Atlantic Charter.

* * *

When the late President Roosevelt reported (less than one year ago) to the Congress on The Big Three meeting at Yalta, **we were again reassured there had been no secret agreements involving territorial expansion made at Yalta or elsewhere.**

* * *

Joseph Stalin doesn't speak often, but when he does we sometimes have the sensation of sitting down on a chair that isn't there—Joe has always been able to reach in his pocket and pull out a document backing up his statement.

* * *

What is claimed to be the text of ONE Yalta agreement has just been published (there may be others). Among the concessions made to Russia is the following: "The Kurile Islands shall be HANDED OVER to the Soviet Union."

* * *

President Truman has indicated he did not know of this agreement until some months after he had taken office. Secretary Byrnes states that he did not know of it until a still later date.

* * *

A question: WHO was sitting on this secret? WHO and WHAT and WHERE is the super-secret Government of this Nation, which reigns supreme to the President, Secretary of State and the Congress?

* * *

Kick this one around: At the time of the Yalta Conference, Japan was a Sovereign Empire, at peace with Russia. What right had Messrs. Roosevelt and Churchill to agree that a part of Japan should be "handed over to the Soviet Union"?

* * *

If you are troubled with insomnia try this at bedtime: This Yalta Agreement was so super-secret that apparently there were no witnesses—

* * *

Is this "agreement" another phoney, as has been admitted in the case of the "original signed copy" of the so-called Atlantic Charter?

Honsing in the Headlines

The plight of the returning service men who can't find homes to buy, much less rent, has aroused the public, the press, and the politicians. Panaceas, palliatives and pronouncements, plus six-to-sixteen-point programs are offered daily. Emergency measures must be, and are being, taken—most of them makeshift and inadequate, but the best possible in the crisis. Key building materials and equipment just are not available. The task of increasing the production of building materials by increasing wages on one hand, and controlling price rises wth the other, is far from easy. The profit motive can be made to produce both materials and houses, but at what price? Must we choose between houses and inflation? Will houses really be built in quantity under priorties and price controls? The debate goes on.

Amid the confusion of words, ideas and arguments, the finger of scorn is pointed at the "building industry," that inept, backward horse-and-buggy, hidebound, medieval, handicraft industry — that anachronism among the shining examples of industrial efficiency. Can this be the same industry that produced Oak Ridge in record time, that built the camps, the war factories, the naval and air bases, whole new complete towns for war workers?

Is it possible that the critics of this obsolete industry are ready now to get into it themselves and show the waiting world that they are able to bring about the great reformation that is necessary before houses, say, can be produced and erected in sufficient quantities to meet current needs, at low unit costs and at attractive profit to themselves? Does their superficial review of the complications and ramifications, conflicting interests, vested interests—real estate, political, labor, manufacturing, financing, legal interests—intrigue them into becoming the integrating-entrepreneurs who will bring about the changes which they have discovered to be necessary, and which the building industry has itself known for so many years?

Their confidence, enthusiasm, clear-thinking analytical minds, their ingenious and ingenuous ideas plus their influence-where-influence-counts, to say nothing of their abundant venture-capital, would be welcomed by those now within the industry who have been working toward the same ends. For there are those within the industry who are cognizant of the need for change, who know the direction of progress, and who understand from bitter experience the difficulties, obstacles, and limitations that are encountered on every side every day.

Perhaps the critics-turned-constructors will find new means to eliminate ignorance, fear, inertia, greed, short-sightedness, entrenched interests. Then will the industry make rapid progress, building codes will permit any material, equipment or structural system to be used so long as its performance is up to a scientific standard. Then will labor inrcease its productivity and efficiency, train thousands of young workers, eliminate its restrictive practices and jurisdictional disputes, being assured of adequate yearly income and steady, rather than seasonal, work. Then will land costs be related to land use, and financing will protect interests of both mortgagee and mortgagor. Then will come the technical revolution; then will every new invention find a ready sponsor, have a fair trial and meet with no unfair competition. Eventually will come the integrated shelter-service industry so rationally envisioned by Buckminster Fuller.

Or is it the function of the critics to remain on the sidelines writing the headlines to inform and arouse the public? This should help the building industry to make more rapid progress in the direction in which it is already going. The sideline quarterbacks may accomplish most with fewer boos, more lustry cheers, or perhaps by joining the motley team on the field to show just how the game can and should be played.

KENNETH K. STOWELL

New Method For Packing Sheeting Announced

A new way of packing sheeting to protect corners has been announced by the Wirebound Box Manufacturers Association. The new method, which cuts shipping costs by approximately 25 per cent can be adapted for packing wallboard, tin, enameled sheets, quires of paper, propeller shafts or any similar articles.

Packing is done quickly by placing two wirebound mats made of 3/16-inch veneer to 3/8-inch resawn lumber on either side of the sheeting, making a relatively lightweight but sturday crate type package. Wirebound construction makes it possible to reinforce the crate at all points of stress and strain so the shipper can be assured that extra large sheets may be shipped long distances without corner breakage, bending, cracking or wrinkling.

For example, highly finished wallboard being used for the interiors on many new homes is crated by placing ten sheets in a corrugated liner, then in a rigid yet lightweight wood frame which holds the sheets firmly in position. Finally, the entire unit is packaged between the two wire bound flats.

The special wirebound closures can be quickly and securely fastened by one man, and the shipment is ready to travel 10 or 10,000 miles without damage to the highly polished surface of the wallboard and is free from breakage on arrival at destination.

These are some of the advantages:

(1). 50 per cent savings in crating time, because of the ease and speed of packing in wirebound mats as compared to the old-style nailed wooden container.

(2). 25 per cent savings in container weight, because wirebound design scientifically combines wood and steel making it possible to use lighter weight wood slats bound securely with strong steel wires.

(3). A corresponding savings in shipping costs is brought about by wirebound methods of material savings.

Wirebound mats for shipping wallboard have been made in lengths ranging from 48- to 152-inches. Wirebound manufacturing procedures makes it possible to make the mats in almost any length or width for any type of sheeting material. Information can be obtained through the Wirebound Box Manufacturers Association, 105 S. La Salle St., Chicago 3, Ill.

Central Chapter AGC Elects 1946 Directors

At the Annual Meeting of January 30, Central California Chapter of The Associated General Contractors of America, Inc., elected the following Directors for 1946: Messrs. Fred J. Early, Jr. (Fred J. Early, Jr. Co., Inc.), Carl Gellert (Standard Buidling Co.), Robt. McCarthy (Robt. McCarthy Co.), James E. Roberts (Moore and Roberts', Harold W. Smith (Dinwiddie Construction Co.), Carl N. Swenson (Carl N. Swenson Co.), and Geo. W. Williams (G. W. Williams Co.)

Th newly-elected Board convened on February 11 and unanimously elected Robt. McCarthy, President, Harold W. Smith, Vice-Pres., Carl Gellert, Treasurer, and William E. Hague, Manager, to serve as officers of the Chapter during 1946. The new officers are all well known men in the construction industry.

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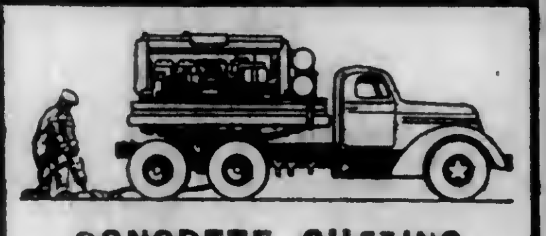

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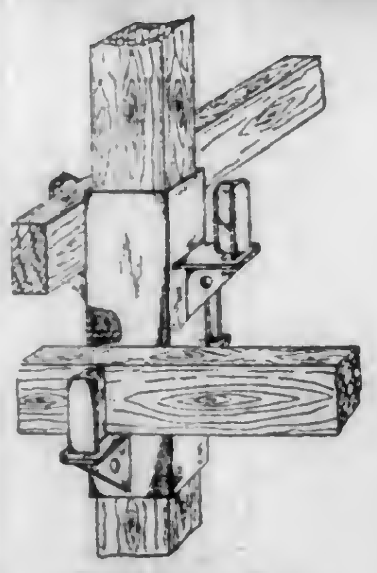

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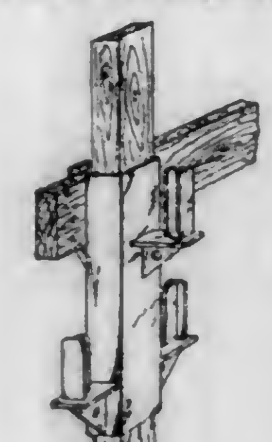

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DAILY PACIFIC BUILDER
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Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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1-8—COMMERCIAL BLDGS.

2/4/46 • 2
CONTRACT AWARDED
AUTO LAUNDRY Est. Cost, $35,000
SAN RAFAEL, Marin County, Calif. A St. between Third and Fourth.
Construction of auto laundry building (70x100).
Owner—Adrien Bouche, 1566 Fourth St., San Rafael.
Contractors—Cliff Monk, 18 Wilson Ct., San Rafael, and Mario Bottini, 802 C St., San Rafael.

2/14/46 • 8
TO START WORK
STORAGE PLANT Cost, $200,000
WILLOWS, Glenn County, Calif. Tehama St.
Construction of bulk storage plant 70 feet high.
Owner—Willows Rice Drier & Storage Co., R. A. Renaud, partner, NW. Willows.
Engineer—Robert Martin, San Francisco.
Contractor—John Berlinger, Box 396, Orland, Calif.

2/14/46 • 2
PLANNED
AIRPORT Cost over $10,000
GILROY, Santa Clara County, Calif. Morey Ave., 52-acre site.
Construction of 2200-ft. long flight strip, hangars and necessary equipment for servicing planes.
Owners—Francis Blake, Murray Ave., Gilroy, and Stewart Fletcher, Gilroy.
Grading of the field will begin immediately.

2/14/46 • 4
BIDS REJECTED
AIRPORT BUILDING
NAPA, Napa County, Calif. Napa County Airport, five miles south of Napa.
Construction of temporary administration building.
Owner—County of Napa, R. A. Dollarhide, county clerk, Courthouse, Napa.
Architect—Russell Guerne de Lappe, Hotel Claremont, Berkeley.
All bids received January 23 were rejected, at which time J. A. Bryant, Vallejo, at $11,567.47, submitted lowk bid.

The work will not be readvertised but will be done through the purchase and removal of buildings at Benicia, to be set up at the airport.

2/14/46 • • 6
PLANS BEING FIGURED—
BIDS OPEN FEB. 26, 2 P. M.
STORE BUILDING
OAKLAND, Alameda Co., Cal. Broderick Street.
Construction of reinforced concrete store building.
Owner—Withheld.
Architects—Miller & Warnecke, Financial Center Bldg., Oakland.
Plans are being figured by the following contractors:
Erbentraut & Summers, 446 Sixth St., San Francisco.
Barrett & Hilp, 918 Harrison St., San Francisco.
Parker, Steffens and Pearce, 135 South Park, San Francisco.
Stolte, Inc., 8451 San Leandro St., Oakland.
John M. Bartlett, 1706 Parker St., Berkeley.
Empire Constr. Co., Ltd., 344 Harriet St., San Francisco.
Ed Stahl.

2/14/46 • • 6
PLANS BEING FIGURED—
BIDS OPEN FEB. 26, 2 P. M.
STORE BUILDING
BERKELEY, Alameda County, Cal.
Construction of reinforced concrete store building.
Owner—University YMCA, Berkeley.
Architects—Miller & Warnecke, Financial Center Bldg., Oakland.
Plans are being figured by the following contractors:
Erbentraut & Summers, 446 Sixth St., San Francisco.
Parker, Steffens and Pearce, 135 South Park, San Francisco.
Barrett & Hilp, 918 Harrison St., San Francisco.
Stolte, Inc., 8451 San Leandro St., Oakland.
Ed Stahl.
John M. Bartlett, 1706 Parker St., Berkeley.

9-10—EDUCATIONAL BUILDINGS

2/14/46 • • 9
BOND ELECTION
SCHOOL BLDG.
BELMONT, San Mateo Co., Calif. Ralston Avenue near Belburn Village.
Construction of school building to be known as the Barrett School.
Owner—Belmont School District.
Architect—Not Selected
The Belmont School District will vote March 4 on a proposal to issue bonds in the amount of $120,000 to finance the above construction.

2/14/46 • • 10
PREPARING PLANS
COLLEGE BLDGS. Cost, $600,000
OAKLAND, Alameda Co., Calif. Seminary and MacArthur Blvd.
Construction of life science building, library building and residence hall.
Owner—Mills College, F. W. Wentworth, Financial Vice-Pres., Seminary and MacArthur Blvd., Oakland.
Architect—Clarence W. Meyhew, 6026 Acacia St., Oakland.
The science hall will be erected first, under present plans.

2/14/46 40
TO PREPARE PLANS
PHOENIX, Ariz.—Consulting Engineers Johannesen and Girard, 606 Ellis Bldg., Phoenix, have been commissioned to prepare plans for construction of the following public works projects for the city of Phoenix:

Paving unpaved streets, $1,425,000.

Water distribution system improvements and extensions, $850,000.

Relining 30 miles disintegrated concrete sewers, $1,425,000.

Storm sewers in unserved portions of city, $760,000.

Modernize lighting for commercial and residential districts, $425,000.

Runways and service buildings for municipal airport, $2,550,000.

2/14/46 • • 8
COMPLETING PLANS
RADIO APPLIANCE STORE
SAN FRANCISCO. 753 Market St.
Remodel building to radio appliance unit including a 200-seat auditorium for demonstrations and entire glass floor front.
Owner—Hale Bros., 867 Market St.
Architect—William G. Merchant, 57 Post Street.
Plans are expected to be completed and bids asked in about two months.

2/4/46 • 9
PREPARING PLANS
SCHOOL ADDITION Cost, $200,000
FAIR OAKS, Sacramento Co., Calif. Five miles of Roseville.
Construction of school addition, including additional classrooms, music department, cafeteria, shops, etc.
Owner—San Juan Union High School District, William T. Mooney, principal, Fair Oaks.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.
The school district voted bonds February 1 in amount of $200,000 to finance construction.

2/14/46 3
COMPLETING PLANS
LOS ANGELES, Calif.—Architect Arthur Froehlich, 367 S Robertson Blvd., Beverly Hills, is completing plans for the construction of a one-story addition to a warehouse and factory building at 702 W. Gage Ave., Los Angeles, for Thompson Glass & Paint Co. It will cover an area 100x174 feet; reinforced concrete walls, wood trusses, composition roofing, concrete floors, steel sash, metal doors; cost, $40,000.

2/14/46 9
TO PREPARE PLANS
INDIO, Riverside Co., Calif.—Architects Allison & Rible, 305 Quinby Bldg., Los Angeles, are preparing working drawings for the construction of an addition to the elementary school at Ave. 46 and Jackson St., Indio, for the Indio Public Schools, Indio. The addition will involve the construction of 14 classrooms, auditorium, library, domestic science room, administration offices, toilet and service rooms. The buildings will be 1-story, frame and stucco, frame roof, composition roofing, steel sash, air conditioning, acoustical ceilings, special lighting fixtures, plumbing, painting, plastering, electrical work.

2/14/46 • 9
PROSPECTIVE BIDDERS
SCHOOL BUILDINGS
PITTSBURG, Contra Costa Co., Calif.
Construction of two frame and concrete and brick veneered additions, one 3-classroom addition to the senior high school and one 4-classroom and toilet addition to the junior high school.
Owner — Pittsburg Unified School District, Arman Stow, clerk, Pittsburg.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.
Plans and specifications may be obtained from the office of the architect upon deposit of $25.

Each bid must be accompanied by certified check, cashier's check or bidder's bond in amount of 5% of bid.

As previously reported, bids will be opened February 18, 8 P. M.

The following contractors have taken out plans:

Lawrence Construction Co., 3020 V St., Sacramento.

Bingham Construction Co., 4825 J St., Sacramento.

Transwestern Construction Co., 1402 Front St., Sacramento.

Russell P. Cataline, 1075 Cumberland St., Pittsburg.

Vincent G. Siino, 461 W. 10th St., Pittsburg.

John J. Siino, 1020 Beacon St., Pittsburg.

2/14/46 • 9
BIDS WANTED
SAN FRANCISCO—Until February 27, 2:30 P. M., bids will be received by the Department of Public Works, Room 282 City Hall, for alterations and additions to Room 207 Hall of Justice, Kearny and Washington Sts.; Job No. 498.

Plans and specifications obtainable from the office of City Architect Dodge A. Riedy, Room 265 City Hall, upon deposit of $5.

2/4/46 • 9
BIDS WANTED
PHOENIX, Ariz.—Until March 2, 11 A. M., bids will be received by the board of trustees of School District No. 14 of Maricopa County at the office of Gilmore & Varney, architects, 303 Luhrs Tower, Phoenix, Ariz., for the construction of an addition to the Creighton School, 22nd St. and Virginia, Phoeniz, Ariz., for the district. Plans and specifications may be obtained from the office of the architects upon deposit of $10.

2/14/46 • 9
BIDS WANTED
SAN FRANCISCO—Until February 27, 2:30 P. M., bids will be received by the Department of Public Works, Room 282 City Hall, for general construction of covered porch at Miraloma School, Omar and Sequoia Way; Job No. 497.

Plans and specifications obtainable from the office of City Architect Dodge A. Riedy, Room 265 City Hall, upon deposit of $5.

2/14/46 • • 9
ARCHITECT SELECTED
SCHOOL ADDITION Cost, $190,000
SAN CARLOS, San Mateo Co., Calif.
Construction of one building to contain 5 classrooms, lavatory unit, offices, clinic and combination library and teachers' room at White Oaks Grammar School, and the preparation of the Arundel Street site for construction of additional classrooms.
Owner—The San Carlos Elementary School District, 826 Chestnut St., San Carlos.
Architect—E. J. Kump Co., 251 Kearny St., San Francisco.
The school district voted bonds December 4 in the amount of $100,000 to partially finance the above construction.

11—HOSPITALS

2/14/46 • 11
PLANNED
CHURCH Estimated Cost, $30,000
LODI, San Joaquin County, Calif. Washington and Walnut Sts.
Construction of one-story church, basement, to seat 450-500 persons.
Owner—Glad Tidings Temple, Assemblies of God, Rev. Mark A. Hinman, pastor, 315 E. Walnut St., Lodi.

2/14/46 • 11
PREPARING SKETCHES
HOSPITAL
LODI, San Joaquin County, Calif. Ham Lane and Walnut St.
Construction of 100-bed H-type hospital (Lodi Memorial).
Owner—Lodi Memorial Hospital Association, Lodi, Calif.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.

12-13—INDUSTRIAL BUILDINGS

2/14/46 • 12
WORK UNDER WAY
DISPLAY BUILDING
WOODLAND, Yolo County, Calif.
Construction of concrete equipment display building (7000 sq. ft. in area) with wooden roof.
Owner—Weaver Tractor Co., Ernest W. Hull, Browns Corner, Woodland.
Contractor—Charles Unger, 2426 7th Ave., Sacramento.

2/4/46 • 13
PLANNED
SUBSTATION Est. Cost, $60,000
YUBA COUNTY, Calif. Midway between Marysville, Wheatland and Nicolaus substations.
Construction of Plumas substation and 8600 feet of new line and replacement of 15,000 feet of iron wire distribution circuit.
Owner—Pacific Gas & Electric Co., E. C. Johnson, division manager, 1111 F St., Marysville.

2/14/46 • 12
PREPARING PLANS
MACHINE SHOPS Cost, $100,000
SANTA CLARA COUNTY, Calif. Alviso-Santa Clara Rd.
Construction of machine shops (100x 240 ft.), windows on all four sides, wood trusses.
Owner—Pacific Can Co., E. F. Euphrats, president, Monta Vista, Santa Clara County.
Architect—Not given.

2/14/46 12
CONTRACT AWARDED
LOS ANGELES, Calif.—Stronach Construction Co., 115 N. Robertson Blvd., Los Angeles, has been awarded a contract for the construction of a 2-story factory building at 2621 S. Hill St., Los Angeles, for Murray Goldstein, 818 S. Broadway, Los Angeles. It will cover an area 50x131 ft.; reinforced concrete construction, wood roof, composition roofing, cement floors, steel sash, fire doors, toilets, interior plaster work. Plans were prepared by Architect Arthur Froehlich, 367 S. Robertson Blvd., Beverly Hills.

2/14/46 12
TO BE CONSTRUCTED
OXNARD, Ventura Co., Calif.—Stokley-Van Camp, Inc., announced the building of a frozen food plant at Oxnard for the Stokley-Van Camp and Union Ice Co., joint venture, 211 N. Oxnard Blvd. The plant will be erected on Union Ice property at the present sites of buildings of the Williams Farms, American Fruit Growers and Ardonez Farms; estimated cost, $300,000.

2/14/46 12
CONTRACT AWARDED
LOS ANGELES, Calif. — Stronach Construction Co., 115 N. Robertson Blvd., Los Angeles, has been awarded contract for the construction of a two-story factory and office building at 2619 S. Hill St., Los Angeles, for Adele-California, David Isaacs, 818 S. Broadway, Los Angeles. It will cover an area 50x131 ft.; reinforced concrete construction, wood roof construction, composition roofing, cement floors, steel sash, fire doors, wood partitions. Plans were prepared by Architect Arthur Froehlich, 367 S. Robertson Blvd., Beverly Hills.

2/14/46 • 12
CONTRACT AWARDED
PLANT Est. Cost, $300,000
SUNNYVALE, Santa Clara Co., Cal. East of and adjacent to present site. N. Pastoria Ave. and Evelyn.
Construction of concrete and steel receiving and processing cannery building.
Owner—Libby, McNeil & Libby, N. Pastoria Ave. and Evelyn Avenue, Sunnydale, and 60 California St., San Francisco.
Structural Engineers—Ellison & King 500 Sansome St., San Francisco.
Contractor—Earl W. Heple, 494 Delmas Ave., San Jose.

14-17—PUBLIC BLDGS.

2/14/46 • • 16
BIDS WANTED
AJO, Ariz.—Until March 6, 2 P. M., bids will be received by the office of district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for furnishing and installing new lighting plant in the United States Border Station, at Ajo, Arizona.

Plans and specifications obtainable from the above office of the district engineer.

2/14/46 • 16
TO ASK BIDS
OFFICE BUILDING
Approximate Cost, $18,000
SAN MATEO, Calif. El Camino Real and Crystal Springs Rd.
Construction of 1-story office building for three 20-foot offices.
Owners—Jerome Draper & Co., 257 Primrose Rd., Burlingame; Ernest Wilson, 307 B St., San Mateo, and James McDonald III, 1335 Brandt Rd., Hillsborough.
Architects—Higgins & Root, Security Bldg., San Jose, and Leo J. Sharps, 1477 Burlingame Ave., Burlingame.
Bids will be asked within a few days by Mr. Sharps.

2/14/46 • 16
CONTRACT AWARDED
ANACORTES, Wash.—Van Keulen & Sons, Bellingham, Wash., at $2110, awarded contract by the Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for exterior and interior painting, U. S. Post Office, Anacortes, Wash.

2/14/46 • 15
CONTRACT AWARDED
SAN JOSE, Santa Clara Co., Calif. —C. E. Wait, San Francisco, at $535, awarded contract by the Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for new partitions, etc., at the U. S. Post Office, San Jose.

2/14/46 15
COMPLETING PRELIMINARY PLANS
OXNARD, Ventura Co., Calif.—Architect Roy C. Wilson, P. O. Box 951, Santa Paula, is completing preliminary plans for a new city jail to be built in Oxnard for the City of Oxnard. The building will be one-story, masonry construtcion, and will contain standard cell blocks.

2/14/46 • • 16
CONTRACT AWARDED
ELECTRICAL WORK
Contract Price, $3,141
OAKLAND, Alameda Co., Cal. Section A, Grove Street Pier.
Electrical work in connection with construction of offices on the mezzanine floor of building to involve 1458 sq. ft. area.
Owner — Oakland Port Commission, foot of Grove Street, Oakland.
Contractor—T. L. Rosenberg Co., 372 Fifth St., Oakland.

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Outdoor Gunnery Range Spec. 17507, NOy 13346	Crows Landing	2-26
Automobile and Appliance Bldg. Geary Blvd. and Blake Street	San Francisco	2-26

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Tulana Farms Grain Elevator, Worden, Ore.; Bids Open Feb. 14, Noon.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

Tank Truck Loading Fac., Standard Oil, Richmond; Bids open Feb. 18, Noon
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980
Barrett & Hilp. 918 Harrison St., San Francisco (DOuglas 0700).

Superstructure, Shop Bldg. No. 411, Shipfitters and Boilermakers Shop, San Francisco Naval Shipyard; Bids open February 21, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
A. Farnell Blair, 9 Main St., San Francisco (YUkon 0390)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co. 923 Folsom St., San Francisco (SUtter 3440).

Warehouse, Standard Oil Co., 7th and Irwin Streets, San Francisco; Bids open February 15.
Robert McCarthy Co., 1050 Kirkham St., San Francisco (OVerland 4050)
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624).
E. S. McKittrick Co., 610—16th St., Oakland (TWinoaks 5070)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Fred J. Early Co., 369 Pine Street, San Francisco (SUtter 1731).
Haas Constr. Co., 326 Merchants' Exchange Bldg., S. F. (EXbrook 1205)
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)
Clinton Constr. Co. 923 Folsom St., San Francisco (SUtter 3440).

Auto Sales and Service Bldg., San Francisco; Bids open February 17
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Peter Sorensen, 927 Arguello St., Redwood City (Redwood 2212).
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081)

Theatre Bldg., Salinas; Bids open February 15, 4 P. M.
Erbentraut & Summers, 446—6th St., San Francisco (MArket 8310)
Carl N. Swenson Co., 355 Stockton Ave., San Jose (BAllard 2602)

Ongara Food Locker Bldg., Greenfield Avenue, San Anselmo; Bids open February 14, 5:00 P. M.
E. P. Merritt, 102 Rialto Bldg., San Francisco (YUkon 0656).

Chevrolet Agency, San Rafael; Bids open February 15, 5 P. M.
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).

Ongara Food Locker, San Anselmo: Bids open February 14, 5 P. M.
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).

Outdoor Gunnery Range, NAAS, Crowe Landing; Spec. 17507; Bids open February 26, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Patrick M. Sofarelli, 20337 Anita Ave., Hayward (Hayward 806).
Henry Arian, 4142 Geary Blvd., San Francisco (BAyview 5797)

Elrgero Res., Merced Ave. near Garcia, S. F.; Bids open Feb. 14, 5 P. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).

Kunst Bros. Store Bldg., Valencia nr Duboce; Bids open Feb. 14, 5 P. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).

Residence for San Francisco Theological Seminary, San Anselmo; Bids open February 21, 3:00 P. M.
B. & R. Constr. Co., 268 Market St., San Francisco (DOuglas 7516).
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., San Francisco (MIssion 1490)

Krieger Automotive and Sales Bldg., Geary and Blake, San Francisco; Bids open February 26, 3 P. M.
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., San Francisco (MIssion 1490)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Empire Constr. Co., 344 Harriet Street, San Francisco (HEmlock 3400)

Industrial Bldg., Tennessee near 20th St., S. F.; Bids open Feb. 19, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)

Store Bldg., University YMCA, Berkeley; Bids open Feb. 26, 2 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)

Store Bldg., Broderick St., Oakland: Bids open Feb. 26, 2 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)

Richland Elementary School District, School Bldg., Shafter; Bids open February 27, 7:30 P. M.
Guy E. Hall, 1326 30th St., Bakersfield (Bakersfield 88695)

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ADVANCE CONSTRUCTION REPORTS

2/14/46 • 15

BIDS WANTED

SAN FRANCISCO—Until February 20, 1:45 P. M., bids will be received by the Department of Public Works, Room 282 City Hall, for sign lettering in the Bureau of Engineering.

Plans and specifications obtainable from the office of City Architect Dodge A. Riedy, Room 265 City Hall.

2/14/46 • 15

BIDS WANTED

SAN FRANCISCO—Until February 20, 1:45 P. M., bids will be received by the Department of Public Works, Room 282 City Hall, for installation of acoustical tile in office of Bureau of Building Inspection, Job No. 499.

Plans and specifications obtainable from the office of City Architect Dodge A. Riedy, Room 265, upon deposit of $5.

BUILDINGS
18-19—RELIGIOUS BLDGS.

2/14/46 • 19

TO RAISE FUNDS

CATHEDRAL HOUSE Estimated Cost, $60,000

FRESNO, Fresno Co., Calif. Fresno and N Sts.

Construction of two-story cathedral house (115x55 ft.).

Owner—St. James Cathedral, 1209 N St., Very Rev. James M. Malloch.

Architects—H. Rafael Lake, Route 3, Box 199, Fresno, and William Hartrup, associate.

A campaign to raise the sum of $60,000 to finance construction has been launched.

2/14/46 • 19

COMPLETING PLANS

CHURCH Estimated Cost, $30,000

PATTERSON, Stanislaus Co., Calif.

Construction of church to seat 400; Spanish type structure with a single bell tower.

Owner—Rev. Manuel F. Rose, pastor, Sacred Heart Catholic Church, Patterson.

20-21—SOCIAL AND RECREATIONAL BLDGS.

2/14/46 • 21

PLANS PREPARED

THEATER Est. Cost, $250,000

MOUNTAIN VIEW, Santa Clara Co., Calif.

Construction of reinforced concrete theater (210x90 ft.), seating capacity 1500.

Owner—Sunny-Mount Theaters, Inc., Bruno Vecchiarelli, general manager, Mountain View.

Plans by William B. David, president of Sunny-Mount Corp., Mountain View, Calif.

2/14/46 • 20

WORK UNDER WAY

COCKTAIL LOUNGE Cost, $50,000

STOCKTON, San Joaquin Co., Calif. 25 N. Sutter St.

Construction of cocktail lounge.

Owner—Tiny's Waffle Shop, c/o B. Thompson, district manager, 27 N. Sutter St.

Architect—A. R. Williams, 251 Post St., San Francisco.

Contractor—Royal Showcase Co., 759-770 McAllister St., San Francisco.

2/14/46 • 21

PLANS PREPARED

THEATER Est Cost, $175,000

SUNNYVALE, Santa Clara Co., Calif.

Construction of theater building to seat 1000 persons (140x80 ft.).

Owner—Sunny-Mount Theaters, Inc., Bruno Becchiarelli, general manager, Mountain View.

Plans by William B. David, president of Sunny-Mount Corp., Mountain View.

2/14/46 • 21

PLANNED

THEATER Est. Cost, $150,000

GILROY, Santa Clara County, Calif.

Construction of motion picture theater to seat 800.

Owner — San Jose Amusement Co., San Jose, operators; James B. Lima, 1829 McDaniel Ave., San Jose; Ben Levin and Walter G. Preddy, San Jose.

2/4/46 • 21

PLANNED

THEATER Est. Cost, $200,000

SAN JOSE, Santa Clara Co., Calif. Bascom Ave. and Stevens Creek Road.

Construction of motion picture theater to seat 1100, of stadium type architecture.

Owner — San Jose Amusement Co., operators; James B. Lima, 1829 McDaniel Ave., San Jose; Ben Levin and Walter G. Preddy, San Jose.

2/14/46 • 21

PLANNED

THEATER Est. Cost, $200,000

SAN JOSE, Santa Clara Co., Calif. Lincoln Ave. below Willow St., Willow Glen.

Construction of theater to seat 1100, of stadium type architecture.

Owner — San Jose Amusement Co., San Jose, operators; James B. Lima, 1829 McDaniel Ave., San Jose; Ben Levin and Walter G. Preddy, San Jose.

2/4/46 • 21

TO START WORK SHORTLY

THEATER

SEBASTOPOL, Sonoma Co., Calif. North side of Santa Rosa Ave.

Construction of 850-seat stadium type modern fireproof theater building, modern ventilation system.

Owner—Tocchini & Gambogi, 226 S. Main St., Sebastopol.

2/4/46 • 20

PLANNED

LODGE Est. Cost, $75,000

RICHMOND, Contra Costa Co., Calif. 315 10th St.

Modernization, refurnishing and rebuilding of Richmond Lodge of Elks; basement and clubrooms, installation of elevator, ventilating and heating systems.

Owner—Richmond Elks' Hall Association, Edgar Dale, secretary, 315 10th St.

The directors recently authorized hiring an architect to prepare plans.

2/14/46 20

PLANS COMPLETED

TUCSON, Ariz.—Architects Place & Place, 32 E. Pennington Pl., Tucson, Ariz., have completed plans and are taking bids for a 2-story and basement building to house the Veterans of Foreign Wars organization at 161 E. Broadway, Tucson, for the Tucson Post 549, Veterans of Foreign Wars; reinforced concrete construction with a combination ceramic veneer and aluminum trim front, air conditioning, elevator, etc. The basement will contain a banquet-recreation room, kitchen, game room, showers, storage and boiler room. First floor will contain offices, trophy room, lounges, snack bar and storage. The second floor will include a main auditorium-ballroom, lounge and refreshment bar.

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22-26—RESIDENTIAL BUILDINGS

2/14/46 • 22

PLANED

SHOPPING CENTER AND HOTEL ALTERATIONS

SAN MATEO, San Mateo Co., Calif.

Improvements to Benjamin Franklin Hotel, 44 Third Ave., including enlargement of dining room and cocktail lounge and the construction on Fourth Ave. of a large shopping center with arcade extending to the hotel building.

Owners — Seekand Properties Co., Leonard David, Lloyd Kilkeary, Abraham Hirschberg, 110 Sutter St., San Francisco.

The owners, who recently purchased the hotel property, plan the hotel improvements and erection of stores to be under way within a year if building materials are available.

2/14/46 • 23

PLANNED

APARTMENTS

LOS GATOS, Santa Clara Co., Calif. 40 E. Main St.

Construction of 18 ultra-modern apartments.

Owners—Molly and Abraham Galant, owners of Galant Sanitary Mattress Co. and Molly's Baby Shop, 2229 Geary St., San Francisco.

2/14/46 26

PLANNED

CHINO, San Bernardino Co., Calif. —Dr. T. A. Petzold, president of the Chino Chamber of Commerce, has announced plans for the construction of 1200 single-family dwellings as part of a $7,500,000 private housing project in Chino for Chino citizens. The project will be located on a 300-acre tract immediately north of Chino, between Riverside Dr. and Philadelphia Sts., including portions of the W. B. Thompson, G. E. Galbreth, H. S. White and Big W ranches. Contracts are now being drawn with builders, engineers and designers for house construction, landscaping, installation of utilities, streets and sidewalks.

2/4/46 • 24

SUB-BIDS WANTED

LOS ANGELES COUNTY, Calif.—Paul W. Trousdale, 650 N. Sepulveda Blvd., Los Angeles, will build and is taking sub-bids on all trades for 1019 3-bedroom dwellings to be located as follows: (1) 218 dwellings at Sepulveda Blvd. and Hatteras St., near Van Nuys; (2) 421 dwellings at South St. and Lakewood Blvd., Mayfair District, and (3) 300 dwellings at La Brea Ave. and Coliseum St., Baldwin Hills, for self. The buildings will contain 1200 sq. ft. of floor space each, with wood shingle roofs, wood sash, hardwood and linoleum floors, tile drainboards and showers, gas floor furnace heating, brick fireplaces, electric work, cabinets, ironing boards, painting, plastering, window shades, garages, concrete driveways and walks, sheet metal work; sale price, $10,000 each. Carpentry and concrete work will be done by owners. The plumbing contract has been awarded to Benedct & Benedict, 1433 E. Colorado St., Pasadena.

Priorities have been granted on the entire project and work is scheduled to start within two weeks on the first 218 dwellings at Van Nuys. The remainder will start in about 30 days. Plans and specifications for the dwellings may be inspected at the office of Paul W. Trousdale, 650 N. Sepulveda Blvd., Los Angeles, after February 13, ... A. M.

Site development work for the three groups is being handled as follows: (1) by the owner. Plans being completed by Seaboard Engineering Co., 8825 Olympic Blvd., Beverly Hills; (2) by the Montana Land Co., 2965 E. Carson St., Long Beach; (3) by the Baldwin Hills Estates.

2/14/46 23

STARTING PLANS

LOS ANGELES, Calif. — Architect Paul R Williams, 3757 Wilshire Blvd., Los Angeles, is starting plans for the construction of a 7-story and basement apartment building at 8171 Sunset Blvd., Los Angeles, for L. Anson, 14941 Oxnard St., Van Nuys. It will contain 49 units and 75 rooms, 170x57 feet; reinforced concrete construction, brick veneer, concrete roof sun deck, concrete floors, steel sash, two elevators, hot water heating system, tiled baths and drainboards, forced ventilating system, terrazzo entrance floor, staff work; estimated cost, $350,000.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Water Supply and Sewage Disposal Plants 31-32
Bridges 33
Dams, Reservoirs and Dredging 34
Docks, Piers & Harbors 35
Parks, Airports and Playgrounds 36
Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

33—BRIDGES

2/14/46 33

NOTICE

LOS ANGELES, Calif.—Representative of the State Bridge Department will meet prospective bidders for the proposed project in San Diego County, XI-S.D-7-D,E, for which bids are to be received in Los Angeles on March 7.

Said representative will meet prospective bidders at Warner Springs Hotel at Warners Hot Springs on Tuesday, Feb. 26, at 2 P. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

2/14/46 • • 38

CONTRACT AWARDED

VALLEJO, Solano Co., Calif.—Ed Pierce Electric Co., 711 Marin St., Vallejo, at $8,575 submitted low bid February 13 and was awarded contract by the Vallejo City Council, City Hall, Vallejo, for the construction of a traffic signal system on the public streets of the City of Vallejo, consisting of automatic traffic signals and all the appurtenant and accessory parts thereof, including all materials, labor, apparatus, equipment therefore ,complete and ready for operation.

Complete bids were:

Ed Pierce Electric Co., Vallejo, $8,575.

Abbett Electric Co., San Francisco, $13,844.

R. Flatland, San Francisco, $14,150.

Severin Electric Co, San Francisco, $15,602.

39—SEWERS

2/14/46 39

PLANNED

TUCSON, Ariz.—City Engineer G. G. Sykes, City Hall, Tucson, has reported plans for construction of sewer improvements at Tucson. Plans call for construction of approx. 5000 ft. of 15- and 18-in. vitrified clay outfall sewer; est. cost, $32,000.

2/14/46 39

PREPARING PLANS

FLAGSTAFF, Ariz. — Headman, Ferguson & Carollo, consulting engineers, Home Builders' Bldg., Phoenix., Ariz., are preparing plans and specifications for additions to the sewage treatment plant and sewage collection system for the City of Flagstaff, Ariz.; estimated cost, $187,000.

2/14/46 • • 39

BIDS WANTED

SAN FRANCISCO.—Until Feb. 27, 2:30 P. M., bids will be received by the Department of Public Works, Room 282, City Hall, for laying sewer from Jackson Street to Presidio Ave.; Spec. 19813.

Plans and specifications obtainable from the office of City Engineer Ralph Wadsworth, City Hall, upon deposit of $10.00.

Work involves:

(1) 295 l.f. 21-in. VCP sewer pipe;
(2) 88 l.f. 18-inch do;
(3) 31 l.f. 10-in. VCP culvert pipe;
(4) 6 each 21x6-in. wye-branch;
(5) 4 each brick manholes;
(6) 1 each catchbasin;
(7) 1 each trap catchbasin;
(8) traffic routing work.

40— STREETS AND HIGHWAYS

2/4/46 • 40

BIDS WANTED

LOS ANGELES, Calif.—Until Mar. 6, 10 A. M., bids will be received by the Los Angeles Board of Public Works, 153 City Hall, Los Angeles, for the grading, paving and otherwise improving of Olympic Blvd. between Park View St. and Western Ave.; a cash contract.

The work involves:

(1) lump sum bids for the removal of: 161,000 sq. ft. of pavement and gutter; 25,500 sq. ft. of burning pavement; 16,000 ft. of curb; 91,000 sq. ft. of sidewalk and drives; miscellaneous foundations, walls, trees, etc.;
(2) lump sum for grading:
 (a) for disintegrated granite sub-base, where sub-base is required, 21,500 cu. yds. of excavation and no fill;
 (b) for select material sub-base, where sub-base is required, 22,400 cu. yds. of excavation and no fill;
(3) 72.124 sq. ft. of prepared sub-base;
 (a) per sq. ft. for disintegrated granite sub-base, 8-in. thick;
 (b) per sq. ft. for select material sub-base, 12-in. thick;
(4) 5136 tons asphalt concrete wearing surface, including trench resurfacing;
(5) 13,426 tons asphalt concrete base, including trench resurfacing;
(6) 1142 tons rock and oil roadway;
(7) 85,523 sq. ft. concrete pavement, 8-in. thick;
(8) 1655 sq. ft. concrete pavement, 6-in. thick;
(9) 822 sq. ft. concrete pavement, 4-in. thick;
(10) 148 sq. ft. class C resurfacing;
(11) 1967 lin. ft. type A curb;
(12) 334 lin. ft. type B curb;
(13) 8815 lin. ft. type D curbs;
(14) 2275 lin. ft. monolithic curb;
(15) 44 lin. ft. curb as per plan;
(16) 2275 lin. ft. curb armor;
(17) 8815 lin. ft. curb bar;
(18) 50,303 sq. ft. sidewalk, 3-in. thick
(19) 2810 sq. ft. sidewalk, 4-in. thick;
(20) 11,600 sq. ft. sidewalk, 6-in. thick
(21) 11,897 sq. ft. monolithic sidewalk;
(22) 4435 sq. ft. gutter, 6-in. thick;
(23) 448 sq. ft. gutter, 8-in. thick;
(24) 256 lin. ft. roof drains;
(25) sanitary sewer complete, not including house connections;
(26) 2 manholes, complete;
(27) reconstruct manholes as required, including new frame and cover sets (26 units);
(28) 869 lin. ft. 6-in. house connections;
(29) storm drain and appurtenances, complete;
(30) 9 units reset manhole frame and cover sets;
(31) electroller lighting system, complete;
(32) electroller lighting conduit cross- and appurtenant work, complete.

Alternate bids—Each bidder shall submit a bid on each alternative (a) and (b) of items 2 and 3

2/14/46 40

NOTICE

SACRAMENTO, Calif.—Representative of the State District Office will meet prospective bidders for the proposed project in Monterey County, V-Mon-2-B, for which bids are to be received in Sacramento on March 6.

Said representative will meet prospective bidders at the north end of the project. south city limits of Salinas, on Thursday, Feb. 28, at 10:00 A. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

2/14/46 40

NOTICE

SACRAMENTO. Calif.—Representative of the State District Office will meet prospective bidders for the proposed project in Alameda County, IV-Ala - 69 - Oak, for which bids are to be received in Sacramento on March 6.

Said representative will meet prospective bidders at 7th and Cypress Streets, Oakland, on Monday, Feb. 25, at 2 P. M.

2/14/46 40

NOTICE

SACRAMENTO, Calif.—Representative of the State District Office will meet prospective bidders for the proposed project in Alameda County, IV - Ala-5,69-C,A for which bids are to be received in Sacramento on March 6.

Said representative will meet prospective bidders in front of Centerville High School in Centerville on Tuesday, Feb. 26, at 2 P. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

2/4/46 40

CONTRACT AWARDED

MARION COUNTY, Ore.—Kuckenberg Construction Co, 11104 NE. Holman, Portland, at $387,929, awarded contract by the State Highway Commission, R. H. Baldock, state highway engineer, Public Service Bldg., Portland, for Gates-Niagara section of N. Santiam secondary highway; Federal Project No. S-220.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Misc. Supplies & Materials 42
Machinery and Equipment 43

42— MISC. SUPPLIES AND MATERIALS

2/14/46 • • 42

BIDS WANTED

SAN FRANCISCO.—Until Feb. 25, 3 P. M., bids will be received by the Purchaser of Supplies, M. H. Gerry, 270 City Hall, for furnishing and delivering 50 manufactured oak book cases for the School Department.

Specifications obtainable from the above office.

2/14/46 • • 42

BIDS WANTED

SAN FRANCISCO.—Until Feb. 25, 3 P. M., bids will be received by the Purchaser of Supplies, M. H. Gerry, 270 City Hall, for furnishing and delivering sheet metal shop supplies for the School Department.

Specifications obtainable from the above office.

2/14/46 • •

BIDS WANTED

SAN FRANCISCO.—Until Feb. 26, 2 P. M., bids will be received by the U. S. Forest Service, 447 Sansome St., San Francisco 11, under Bid No. 368 for 1668 board feet of deck and back lumber for repair truck beds, delivered to Stockton.

Specifications obtainable from the above office.

2/14/46 • • 42

BIDS WANTED

BERKELEY, Alameda Co., Calif.—Until Feb. 27, 10 A. M., bids will be received by the City of Berkeley, City Clerk's Office, City Hall, Allston and Grove Streets, Berkeley, for furnishing the following ammunition:

(1) 1000 rounds .30-30 rifle;
(2) 2000 rounds .30-06 rifle;
(3) 10,000 rounds .38 special midrange
(4) 125,000 only 38 primers;
(5) 5000 rounds .25-45 automatic;
(6) 1000 rounds .45 automatic tracers
(7) 25,000 only .45 primers;
(8) 5000 rounds 12 gauge buck.

Additional information obtainable from the above office.

2/14/46 • • 42

BIDS WANTED

BERKELEY, Alameda Co., Calif.—Until Feb. 27, 10 A. M., bids will be received by the City of Berkeley, City Clerk's Office, City Hall, Allston and Grove Streets, Berkeley, for furnishing tear gas for the balance of the fiscal year.

Additional information obtainable from the above office.

43— MACHINERY AND EQUIPMENT

2/14/46 • • 43

BIDS WANTED

SAN FRANCISCO.—Until Feb. 25, 3 P. M., bids will be received by the Purchaser of Supplies, M. H. Gerry, 270 City Hall, for repairing one public address system for the School Department.

Specifications obtainable from the above office.

2/14/46 • •

CONTRACT AWARDED

DALY CITY, San Mateo Co., Cal. —Gamewell Co., 7 Front Street, San Francisco, at $23,660; (Alt. a) add $255; (Alt. b) add $1,725, submitted only bid February 11, 8:30 P. M. and awarded contract by the Daly City Council, City Hall, Daly City, for furnishing a fire alarm system, consisting partly of new installations and partly of extension and improvements of the existing fire alarm systems of the City of Daly City.

2/14/46 • 43

BIDS OPENED

OAKLAND, Alameda Co., Calif.—Friden Calculating Machine, Inc., 2350 Washington Ave., at $599.63 each, submitted low bid February 13 to the Oakland City Council, City Hall, for two automatic calculating machines for the engineering department.

Marchant Calculating Machine Co., at $691.88, submitted the only other bid.

2/14/46 • 43

PUBLIC AUCTION

BERKELEY, Alameda Co., Calif.—The City of Berkeley will hold a public auction Tuesday, February 26, at 10 A. M., in the council chambers, City Hall, Allston and Grove Sts., Berkeley, for two sterilizers.

The sterilizers may be viewed by prospective bidders between the hours of 10 A. M. and 12 Noon, Monday through Friday, at the emergency room, Berkeley Hospital.

2/14/46 43

NOTICE OF SALE

LOS ANGELES, Calif—The War Assets Corp., 523 W. 6th St., Los Angeles, is receiving offers for the sale of miscellaneous welding machines, generator sets, conductor, large quantity ferrous metals, nonferrous metals, oil field equipment, drilling and refinery equipment, pipe and fittings, and 10,000,000 board feet of lumber. Most of this equipment is offered for sale at stated prices.

2/14;46 • • 43

BIDS OPENED

BERKELEY, Alameda Co., Calif.—Following bids were received Feb. 13 by the City of Berkeley, City Hall, for furnishing 800 gallons of white, red and yellow traffic paint:

General Lumber and Supply, 1991 Center St., Berkeley, (1) $2.15 per gal.; (2) $2.52 per gal.; (3) $2.32 per gal.

Sterling Paint Co., 6460 Green St., Emeryville, (1) $1,428; (2) $387; (3) $122.50.

Sherwin Williams Co., 3264 Lakeshore Ave., Oakland, (1) $1.67 per gal. in 5's; (2) $2.25 per gal. in 5's; (3) $2.15 per gal. in 5's.

2/14/46 • • 43

BIDS OPENED

SAN FRANCISCO.—J. G. Grattan, 730 Laguna Honda Blvd., at $980 submitted low bid February 13 to the Public Utilities Commission, Room 287, City Hall, under Municipal Contract No. 250 for making test borings at Geary Street Carhouse.

Mitchell Diamond Drill Co., at $1,540 submitted only other bid.

2/14/46 • • 43

BIDS OPENED

SAN FRANCISCO. — Western Asbestos Co., 675 Townsend St., at $90 submitted only bid February 13 to the Department of Public Works. Room 282, City Hall, for insulation of Pacific boilers at Argonne School.

2/14/46 • • 43

BIDS OPENED

SAN FRANCISCO.—Severin Electric Co., 234 Ninth Street, at $565 submitted low bid February 13 to the Public Utilities Commission, Rm. 287, City Hall, under Municipal Contract No. 249 for furnishing and installing electric neon signs and service on Beale Street viaduct.

Cimini Electric Co., at $788 submitted the only other bid.

Prospective Bidders

School Buildings, Pittsburg

BIDS: Pittsburg Unified School District, Arman Stow, Clerk, Pittsburg, Feb. 18, 8 P. M. Plans prepared by Architect Charles F. Dean, California State Life Bldg., Sacramento.

Lawrence Construction Co., 3020 V St., Sacramento.

Bingham Construction Co., 4825 J St., Sacramento.

Transwestern Construction Co., 1402 Front St., Sacramento.

Russell P. Cataline, 1075 Cumberland St., Pittsburg.

Vincent G. Siino, 461 W. 10th St., Pittsburg.

John J. Siino, 1020 Beacon St., Pittsburg.

Store Building, Valencia near Duvoce Ave. San Francisco, Calif.

BIDS: Kunst Bros., 1035 Mission St., c/o Architect John J. Foley, 770 5th Ave., San Francisco, February 14, 5 P. M.

M. J. King, Inc., 231 Franklin St., San Francisco.

Ed Zinkand & Son, 667 36th Ave., San Francisco.

Jack Callaghan, 900 Clayton St., San Francisco.

Sheet Metal Shop, 22nd and S Sts., Sacramento

BIDS: Architect Gordon Stafford, Insurance Bldg., 806 K St., Sacramento, February 15, 4 P. M.

Campbell Constr. Co., 800 R St., Sacramento.

Lawrence Constr. Co., 3020 V St., Sacramento.

Hoidener Constr. Co., 2608 R St., Sacramento.

Chas. F. Unger, 2426 Seventh Ave., Sacramento.

H. W. Robertson, 2917 T St., Sacramento.

Central California Constr. Co, 116 Erle St., San Francisco. • •

Chevrolet Agency, W. 4th St., San Rafael

BIDS: Architect C. F. Gromme, Alberts Bldg., San Rafael, February 15, 5 P. M.

Younger Construction Co., 575 Mission St., San Francisco.

Litchfield Construction Co. ,721 Francisco Blvd., San Rafael.

John Rocca.

Charles E. Warner, 9 Antoinette Ave., San Rafael.

Peter Sartorio, 262 Clementina St., San Francisco.

De Luca & Son, 1745 Filbert St., San Francisco.

C. F. Betz, Sausalito (Sausalito

Theater Building, Salinas

BIDS: Architect Francis E. Lloyd, 210 Post St., San Francisco, Feb. 15, 4 P. M.

Erbentraut & Summers, 446 Sixth St., San Francisco.

Howson Brothers, Gilroy.

Carl N. Swenson Co., 355 Stockton Avenue, San Jose.

Richland Elementary School, Shafter, Kern County, Calif.

BIDS: Richland Elementary School District, Shafter, Feb. 27, 7:30 P. M. Plans prepared by Architect Ernest J. Kump Co., 251 Kearny St., San Francisco.

L. H. Hansen & Sons, 313 Palm Ave., Fresno.

A. J. Hendricks, Route 3, Box 205, Bakersfield.

Guy E. Hall, 1326 30th St., Bakersfield.

M. J. King, Inc., 231 Franklin St., San Francisco.

Jas. I. Barnes Constr. Co., 941 Russ Bldg., San Francisco.

Rademann-Giusto, 40 Ringold St., San Francisco.

Improve Landing Field, St. George, Utah

BIDS: Civil Aeronoutics Administration, 1500 4th St., Santa Monica, February 18, 10 A. M.; Pro. 6-46-129.

Brown Construction Co., Pueblo, Colo.

W. W. Clyde, Springville, Utah.

Gibbons & Reed C., 259 W. 3rd S., Salt Lake City, Utah.

Vinnell Co., 1145 Westminister Ave., Alhambra, Calif.

Carl E. Nelson, Logan, Utah.

Olof Nelson Construction Co., P. O. Box 267, Logan, Utah.

Wickey Engineering & Construction Co., Field House, College Hill, Logan, Utah.

Garn L. Moody, P. O. Box 469, North Hollywood.

Utah Construction Co., 1 Montgomery St., San Francisco.

Frozen Food Locker, Greenfield Avenue, San Anselmo, Calif.

BIDS: J. J. Ongara, c/o Architect C. F. Gromme, Alberts Bldg., San Rafael, February 14, 5 P. M.

Galther & Boe, 421 Alameda Rd., San Anselmo.

Peter Sartorio, 262 Clementina St., San Francisco.

Younger Construction Co., 575 Mission St., San Francisco.

De Luca & Son, 1745 Filbert St., San Francisco.

Litchfield Construction Co., 721 Francisco Blvd., San Rafael.

E. P. Merritt, 102 Rialto Bldg., San Francisco.

Kavanagh, Novato.

Track and Telephone Line Relocation, Idaho Northern Branch, Oregon Short Line Railroad

BIDS: Bureau of Reclamation, Boise, Idaho, February 28, 10 A M.

Nat McDougall Co., Sherlock Bldg., Portland.

Max J. Kuney Co., N 120 Ralph, Spokane.

Vernon Brothers, 8th and Orchard Avenue.

M. K. Engineering Co., Inc., Albany, N. Y.

Wixon-Crowe, Redding, Calif.

Condon - Cunningham Co., Omaha, Nebraska. • •

Use "Builderads"— They Bring Results

BRIDGE, ONE MILE GRADING, SURFACING, KERN CO.

KERN COUNTY, Calif.—E. W. Elliott Constr. Co., 80 Laidley St., San Francisco, at $79,870 submitted low bid Feb. 13 to State Div. of Highways G. T. McCoy, State Highway Engr., Public Works Bldg., Sacramento, for construction of a steel beam span bridge and about one mile of grading and applying bituminous surface treatment at Freeman Gulch, Kern County.

Work involves:

(1) remove existing bridge;
(2) 2 c.l. remove concrete;
(3) clear and grubb;
(4) 34,300 c.y. rdwy. excav.;
(5) 1,980 c.y. struc. excav.;
(6) 2,600 c.y. ditch and channel excavation.
(7) 5,000 sq. yds. compact original ground;
(8) 4,500 c.y. import borrow;
(9) 280,000 sta. yds. overhaul;
(10) develop water supply and furnish water equipment;
(11) 1,800 M. gals. apply water;
(12) 53 sta. finish rdwy.;
(13) 14,500 sq. yds. prepare, mix and shape surf., bit. surf. treat.;
(14) 136 tons liq. asph. SC-3 or -4. bit. surf. treat.;
(15) 14 M. fbm Douglas fir timber;
(16) 737 c.y. Class A portland cement concrete structs.;
(17) 71,000 lbs. furnish struc. steel:
(18) 71,000 lbs. erect do;
(19) 91,000 lbs. furnish bar reinf. steel
(20) 91,000 lbs. place do:
(21) 246 c.y. sacked conc. riprap;
(22) 292 l.f. tee rail bridge railing:
(23) 6 each monuments;
(24) 22 each culvert markers, project markers and guide posts;
(25) 74 l.f. 24-in. CMP, 14 gage;
(26) 82 l.f. 36-in. CMP, 12 gage;
(27) 1 each remove and reset headwalls;
(28) 103 l.f. salvage exist. pipe culverts;.
(29) 10 c.y. surf. down drains:
(30) misc. items of work.

Total bids were:

(A) E W. Elliott Constr. Co., San Francisco, $79,870.
(B) Norman I. Fadel, North Hollywood, $98,068.
(C) Frank T. Hickey and Spencer Webb, Los Angeles, $99,688.50.
(D) R. R. Hensler, Glendale, $110,007.50.
(E) Combs Bros., San Leandro, $112,153.00.
(F) Vinnell Co., Alhambra, $112,572.60.
(G) Haddock Engineers, Ltd., Oceanside, $128,680.

Unit prices were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$1000.00	$1565.00	$3000.00	$1000.00	$1500.00	$1350.00	$1000.00
(2)	10.00	10.00	12.00	20.00	25.00	15.00	25.00
(3)	500.00	1000.00	800.00	1000.00	500.00	180.00	400.00
(4)	.40	.50	.50	.45	.295	.40	.45
(5)	2.50	1.00	2.00	2.50	2.50	2.00	3.60
(6)	.50	.60	.50	.75	1.375	.85	.75
(7)	.05	.05	.10	.04	.125	.05	.06
(8)	.50	2.50	1.00	1.90	2.65	1.30	2.50
(9)	.005	.0075	.005	.01	.0075	.015	.01
(10)	1500.00	2000.00	3500.00	2500.00	2500.00	2400.00	500.00
(11)	1.50	2.00	2.50	2.00	1.75	2.40	4.50
(12)	10.00	10.00	10.00	12.00	15.00	15.00	12.00
(13)	.10	.14	.10	.08	.15	.14	.27
(14)	20.00	19.00	20.00	22.00	17.50	15.00	17.50
(15)	120.00	150.00	150.00	225.00	150.00	270.00	300.00
(16)	30.00	29.50	35.00	40.00	45.00	50.00	46.50
(17)	.09	.10	.10	.13	.08	.10	.10
(18)	.0175	.03	.03	.03	.07	.038	.04
(19)	.05	.06	.06	.06	.05	.075	.07
(20)	.02	.03	.02	.03	.025	.03	.03
(21)	20.00	26.00	20.00	28.00	25.00	22.00	40.00
(22)	2.00	3.25	3.00	2.50	2.50	4.00	7.00
(23)	4.00	5.00	10.00	6.00	5.00	7.00	10.00
(24)	4.00	5.00	5.00	6.00	4.50	7.00	5.00
(25)	3.25	4.00	4.00	4.50	3.25	5.40	4.75
(26)	6.00	6.00	6.50	8.00	6.00	10.00	9.50
(27)	50.00	60.00	50.00	25.00	75.00	50.00	25.00
(28)	2.00	1.50	1.50	1.50	1.00	3.00	2.00
(29)	12.00	20.00	20.00	6.00	15.00	15.00	25.00
(30)	1000.00	2500.00	2400.00	2000 00	5000.00	750.00	1660.00

3.4 MILES GRADING, SURFACING, EL DORADO COUNTY

EL DORADO COUNTY, Calif.—Utah Construction Co., 1 Montgomery St., San Francisco, at $260,925.50, submitted the low bid February 13 to the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about 3.4 miles grading and surfacing with plant mix surfacing on crusher run base between Shingle Springs and 1¼ miles west of El Dorado, El Dorado County.

Work involves:

(1) 35 c.y. remove concrete;
(2) 36 acres clear and grubb;
(3) 183,000 c.y. rdwy. excav.;
(4) 2,050 c.y. struc. excav.;
(5) 2,450 c.y. ditch and channel excavation;
(6) 13,500 sq. yds. compact original ground;
(7) 790,000 sta. yds. overhaul;
(8) 27,000 c.y. imported borrow;
(9) develop water supply and furnish water equipment;
(10) 3800 M. gals. apply water;
(11) 182 sta. finish rdwy.;
(12) 150 c.y. salvage surfacing;
(13) 14,300 tons crusher run base;
(14) 125 tons liq. asph. SC-0 and -2 prime coat and pene. treatment;
(15) 300 tons sand prime coat and pene. treatment;
(16) 36 tons asph. emulsion seal coat
(17) 310 tons screenings, seal coat;
(18) 7,400 tons min. agg. plant mix surfacing;
(19) 410 tons pave. asph., plant mix surfacing;
(20) 370 c.y. Class A portland cement conc. struc.;
(21) 33,000 lbs. bar reinf. steel;
(22) 78 each monuments;
(23) 350 l.f. temporary guard rail;
(24) 500 l.f. metal plate guard rail;
(25) 44 each culvert markers;
(26) 100 each guide posts;
(27) 1.45 miles remove and reconstruct existing property fence;
(28) 810 l.f. 8-in. CMP, 16 gage;
(29) 150 l.f. 12-in. do;
(30) 1,060 l.f. 18-inch do;
(31) 120 l.f. 18-in. CMP siphon, 16 gage;
(32) 370 l.f. 24-in. CMP, 14 gage;
(33) 180 l.f. 24-in. do, 12 gage;
(34) 260 l.f. 36-inch do;
(35) 4 each field joints, siphons;
(36) 4 each cast steel frames and covers for drop inlets;
(37) 660 l.f. 8-in. perf. metal pipe underdrains;
(38) 125 c.y. filter material;
(39) 94 l.f. salvage pipe culverts;
(40) 94 l.f. re-lay salvaged CMP;
(41) 26 each spillway assemblies.

The total bids were:

(A) Utah Construction Co., San Francisco, $260,925.50.
(B) E. W. Elliott Construction Co., San Francisco, $289,798.
(C) J. R. Reeves, Sacramento, $290,599.
(D) Larsen Bros., Sacramento, $316,441.50.
(E) Guy F. Atkinson Co., San Francisco, $345,330.
(F) E. B. Bishop, Orland, $348,661.
(G) Elmer J. Warner, Stockton, $350,518.50.
(H) A. Teichert & Son, Inc., Sacramento, $353,140.
(I) Piombo Bros. & Co., San Francisco, $360,256.
(J) Macco Construction Co., Clearwater, $363,443.
(K) Fredricksen & Watson Construction Co., Oakland, $375,689.50.
(L) Louis Biasotti & Son, Stockton, $400,384.

Unit prices were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)	$ 5.00	$ 6.00	$ 4.00	$ 3.00	$ 10.00	$ 10.00	$ 4.00	$ 6.00	$ 8.00	$ 10.00	$ 11.00	$ 6.00
(2)	100.00	100.00	75.00	250.00	125.00	150.00	175.00	160.00	200.00	100.00	260.00	225.00
(3)	.42	.58	.57	.65	.75	.92	.85	.88	.87	.80	.80	.90
(4)	3.00	2.00	3.00	2.50	2.20	4.00	3.00	3.00	3.00	3.50	3.50	6.00
(5)	.75	1.00	.90	1.00	1.80	3.00	2.50	2.50	2.50	1.50	1.20	2.50
(6)	.05	.05	.006	.05	.05	.05	.08	.05	.08	.10	.06	.08
(7)	.005	.005	.005	.01	.01	.02	.007	.005	.003	.01	.008	.01
(8)	1.70	2.00	2.05	1.50	1.90	1.47	1.40	1.40	1.55	2.00	2.20	2.00
(9)	2000.00	1500.00	1000.00	2000.00	1200.00	1000.00	1000.00	1000.00	4000.00	3000.00	2400.00	1000.00
(10)	2.00	1.25	2.00	2.00	1.80	1.50	1.50	1.25	2.00	2.00	3.00	1.50
(11)	10.00	10.00	12.00	10.00	10.00	8.00	8.00	10.00	15.00	15.00	10.70	12.00
(12)	1.00	2.00	4.00	2.00	1.00	1.00	1.00	1.00	2.00	1.50	2.50	.75
(13)	2.10	2.39	2.50	2.50	2.70	1.76	2.35	2.90	2.40	3.00	2.70	2.60
(14)	20.00	22.00	22.50	22.00	22.00	20.00	25.00	27.00	24.00	21.00	26.00	24.00
(15)	3.60	4.00	4.50	3.50	3.40	3.00	3.50	3.70	3.00	4.00	6.00	5.00
(16)	30.00	30.00	32.50	40.00	24.00	25.00	30.00	33.00	24.00	25.00	30.00	30.00
(17)	5.00	3.40	4.50	5.00	4.50	3.50	5.00	5.20	3.50	5.00	6.00	6.00
(18)	4.50	4.50	2.90	4.75	5.40	4.00	5.40	4.50	5.00	4.65	5.50	6.50
(19)	17.00	17.00	22.50	19.00	17.00	17.00	18.00	22.00	24.00	18.00	17.50	15.00
(20)	45.00	29.00	37.50	45.00	44.00	35.00	45.00	41.00	42.00	45.00	45.00	15.00
(21)	.08	.06	.06	.08	.07	.06	.09	.08	.07	.06	.074	.08
(22)	5.00	4.00	6.00	5.00	4.00	4.00	3.50	6.00	5.00	7.50	4.00	6.00
(23)	1.00	1.50	3.00	2.00	2.00	1.50	1.00	2.60	2.50	2.50	1.75	2.00
(24)	2.25	2.00	3.00	2.50	2.70	2.00	5.00	2.10	2.50	3.00	1.90	3.50
(25)	3.00	4.00	3.00	4.00	3.50	3.00	3.50	4.50	4.00	7.00	2.70	6.00
(26)	3.00	4.00	3.00	4.00	2.75	3.00	3.00	4.50	4.00	6.50	2.70	6.00
(27)	1000.00	800.00	850.00	1000.00	740.00	800.00	400.00	1380.00	1800.00	900.00	950.00	800.00
(28)	1.50	1.25	1.70	1.25	1.30	1.00	1.50	1.10	1.50	1.30	1.10	1.75
(29)	1.75	1.60	2.00	1.50	1.70	1.50	2.25	1.50	1.70	1.60	1.40	2.25
(30)	2.30	2.10	2.40	2.50	2.50	2.00	2.50	2.20	2.25	2.50	2.12	2.75
(31)	3.50	2.50	3.00	2.50	3.40	3.00	3.50	3.00	3.00	3.50	2.35	4.25
(32)	3.50	3.25	3.00	3.00	3.40	3.00	3.50	3.30	3.50	3.50	3.15	3.75
(33)	4.00	4.00	4.00	4.00	4.30	3.50	4.50	4.20	4.50	4.75	4.00	4.50
(34)	6.25	6.00	5.00	6.00	6.40	5.00	6.50	6.20	6.70	7.50	6.50	5.75
(35)	15.00	20.00	10.00	20.00	15.00	15.00	10.00	15.00	16.00	15.00	14.00	25.00
(36)	80.00	50.00	60.00	75.00	70.00	60.00	25.00	75.00	75.00	75.00	61.00	45.00
(37)	1.75	1.20	1.70	1.25	1.20	1.50	1.50	1.10	1.50	1.20	1.05	1.75
(38)	2.50	4.00	6.00	4.00	4.00	5.00	5.00	5.00	4.00	3.00	5.00	7.00
(39)	1.00	1.00	2.00	1.00	1.00	1.00	1.00	.50	1.00	1.35	1.20	1.00
(40)	1.00	1.00	2.00	1.00	1.00	1.00	1.00	.50	1.50	.65	1.20	1.00
(41)	25.00	18.00	15.00	25.00	20.00	15.00	25.00	21.00	25.00	17.00	20.00	25.00

Building Permits, Contracts---Recorded Notices

BUILDING PERMIT Applications $500 AND OVER

SAN FRANCISCO

ALTER offices, $10,000; 291 Geary; owner, Geo S May Co, Russ Bldg; contractor, W C Tait Co, 461 Market St.

ALTER store, $8000; 700 Geary St; owner, S Balin, et al, c/o cntr; contractor, Jacks & Irvine, 620 Market St; architect, Hertzka and Knowles, 85 Post St.

FLATS, two 2-story frame, $7500 each; SE 20th and Douglass Sts; owner and builder, L Erlendson, 400 Douglass.

DWELLING, 1-story frame, 56000; E 30th Ave 150 N Ulloa; owner and builder, Keith L Lund, 122 Escolta.

DWELLINGS, six 1-story fr., $5700 each; S Woodside and Fowler Ave; S Woodside 30, 55, 80, 105, 130 E Fowler Ave; owner, C R Haley, 168 Sutter St; contractor, T J Broderick, 1528 Cypress Ave, Burlingame.

DWELLING, 1-story frame, $5700; S Garfield 25 E Ralston; owner and builder, F H Thorinson, 1608 Ocean Ave.

DWELLING, 1-story frame, $5000; W Beverly 138 S Garfield; owner and builder, P A Bates, Tiburon.

DWELLINGS, six 1-story fr., $5000 each; E Detroit 25 N Hearst; SE Alemand Blvd and Cotter St; NE Alemany and Francis; E Alemany 40, 80, 120 N Francis; owner and builder, Thos J Sullivan, 1695 Alemany Blvd; architect, Sam Postil, 3075 Geneva Ave.

DWELLINGS, three 1-story fr., $3000 each; E Chester 215, 240, 190 N Belle Ave; owner and builder, T J Sullivan, 1695 Alemany Blvd.

ALTER store and offices, $2400; 2 Geary St; owner, Granville's, No 2 Geary; contractor, Architectural Porcelain Constructors, 461 Market St.

ALTER dwelling, $1500; 2138 36th Ave; owner, Mr Davies, premises; contractor, Wellnitz & DeNarde, 131 Chaves Ave.

ALTER shoe store, $1000; 237 Kearny St; owner, Wm Preble, prem; contractor, Adam Arras & Son, 116 New Montgomery St.

ALTER night club, $997; NE Steiner and Ellis; owner, Richard Steffens, premises; contractor, John W Frey, 2600 Oakdale Blvd.

SIGN, electric, $990; 3654 Balboa St; owner, Dom DiMaggio, prem; contractor, Brumfield Elec Sign Co, 965 Folsom St.

ALTER flats, $850; 218 Presidio Ave; owner A and Ruth Stone, prem.

ALTER dwelling, $850; 45 Ord Court; owner, Walter J Ireland, 775 Corbett Ave.

ALTER garage, $750; 2318 Fillmore; owner, Jack Sockolov, premises.

ALTER furniture store, $750; 2255 Mission St; owner, M Zatchman, premises; contractor, John Casty & Son, 30 Alviso St.

SIGN, electric, $700; 291 Geary St; owner, Geo S May Co, prem; contractor, Elec Prod Corp, 910 Harrison St.

ALTER flats, $500; 3286 Mission St; owner, Mr Wagoner, premises.

ALTER restaurant, $500; 1025 Fillmore St; owner, Henry Rosenfeld, c/o cntr; contractor, L & E Emanuel, Inc, 3665 Jones St.

OAKLAND

ALTER AND ADDITION, ...; 3731 MacArthur Blvd; owner, M Milton, 3731 MacArthur Blvd; builder, Owen & Hamilton, 3630 High St.

ALTER APARTMENTS, $1200; 368 Adams St; owner and builder, Emily Rose, premises.

DWELLING (1-story 6-room), $8000; 4166 St Andrews Rd; owner and builder, V G Flashman, 2122 Clinton Ave, Alameda.

1-STORY BRICK ADDITION, $11,000; 801 98th Ave; owner, Gerber Products Co, 801 98th Ave; builder, C H Thrams, 1100 6th Ave; plans by C S Reploge, 510 Boulevard Way.

ALTERATIONS, $500; 2430 San Pablo Ave; owner and builder, Federal Store Fixture Co, premises.

ALTERATIONS, $500; 439 Staten Ave; owner and builder, A M Morris, 286 Lee St.

ALTERATIONS, $800; 3019 Foothill Blvd; owner, Antonio Andrade, 3019 Foothill Blvd; builder, John A Ramas, 1954 20th Ave.

1-STORY STORE BUILDING, $12,000; 6328 San Pablo Ave; owner, R La Cross, 6328 San Pablo Ave; builder, Lewis Construction Co, 516 18th St.

MOVE HOUSE, $900; 5346 College Ave; owner, M McCormick, 942 Rosedale Ave; builder, C A Lassen, 4156 Broadway.

DWELLING (1-story 5-room), $5000; 1463 103rd; owner, Paul A Andrada, 1308 Santa Clara, Richmond.

1-STORY CONCRETE PUMPING PLANT, $5000; Lot 129 Monteair Highland; owner and builder, East Bay Municipal Utility District, 512 16th St.

ADD TO DWELLING, $1000; 9641 Plymouth St; owner and builder, George R Peters, premises.

ALTERATIONS, $1000; 333 Center St; owner, L C Pleasant, premises; builder, Bruce H Thompson, 816 West St.

ADDITION, $600; 4816 Bond St; owner and builder, Harry W Davis, premises.

REPAIRS, $500; 904 Myrtle St; owner, Roy Sargent, premises; builder, Pioneer Builders, 516 San Pablo Ave, Albany.

SAN LEANDRO

GAS STATION, $7000; Washington Ave and Harlan St; owner, Thomas & Muther, 3328 69th Ave, Oakland; builder, O de Silva, 848 Laurel St, Alameda; plans by Getlins Steel Co, San Francisco.

1-STORY MARKET, $16,000; San Leandro Blvd; owner, T Lopez, 562-564 Williams St; builder, M Drinkward, 7801 Outlook Ave, Oakland.

2-STORY 5-ROOM DUPLEX, $6000; Williams St; owner, T Lopez, 1792 San Leandro Blvd; builder, M Drinkward, 7801 Outlook Ave, Oakland; engineer, J Y Long Co, 428 13th St, Oakland.

BUILDING CONTRACTS

ALAMEDA COUNTY

SERVICE STATION
E 14th and HIGH STS, Oakland.
Owner—Perkins & Beck.
Architect—Harry A. Bruno.
Contractor—C. Norman Peterson.
Filed, Feb 11, '46. Dated, ...
1st of each month..........................90%
Usual 35 days after completion..10%
TOTAL COST, $..............
Plans and specifications filed.

BUILDING PERMITS Granted $500 AND OVER

SAN FRANCISCO

SAN FRANCISCO

FEBRUARY 11, 1946

ALTER bakery, $4000; 521 Clement; owner, Ed Weitzel.

ALTER hotel, $30,000; 340 Stockton St; owner, T W Corder, Inc.

ALTER stores, $4000; 141 18Stockton; owner, M C Nathan.

ALTER dwelling, $800; 1152 Sacramento St; owner, Edward T Haas.

ALTER store, $2900; 1000 Columbus Ave; owner, Triangle Novelty Co.

ALTER loft, $10,000; 133 Powell St; owner, Arnold E Walters.

ALTER dwelling, $670; 392 Iowa St; owner, Wm A Gomez.

ALTER roof, $5000; 333 Bryant St; owner, Foster & Kleiser Co.

ALTER two stores, $2000 each; West Portal Ave; 1932 Irving St; owner, Riviera Co, Inc.

ALTER laundry, $800; 3840 18th St; owner, Roger Loupias.

ALTER roof, $500; 240 Stockton St; owner, Foster & Kleiser Co.

Completion Notices

ALAMEDA COUNTY

Recorded Accepted
Feb 13, 1946—PTN LOTS 8 and 9 Blk G, Elmcrest, Oakland. Chas S and Yvonne Nicholson to Sol Scherman..................February 4, 1946
Feb 11, 1946—4621 FOOTHILL Blvd Oakland. Korena Kashishian to J A Ganley..............February 11, 1946
Feb 11, 1946—106th & PEARMAIN Ave, Oakland. Alamasie & Gilberti to J A Ganley........Feb 11, 1946
Feb 11, 1946—2249 GROVE ST, Oakland 12. M C Cox to Doty and Lockwood..................February 8, 1946

Liens Filed

ALAMEDA COUNTY

Recorded Amount
Feb 11, 1946—LOT 9 Blk D, Santa Fe Tract No 2, Oakland. Jos A Sheerin, Jr vs Louis J and Margaret J Knappenberger........$5,833.78
Feb. 9, 1946—Ptn Lots 18 and 19, Block 14, Map Daley's Scenic Park, Berkeley Calif Herman C Krushwitz vs Clarice C and John R Murray $951.00

SAN FRANCISCO

Recorded Amount
Feb 11, 1946—N LA SALLE 40 W Mendell W Kirkham and Mendell NW 76 SW 99.75 to beg of lot SW 106.21 N W26.49 NE 97.47 SE 25
NE La Salle Ave th NE and parl with SE 3rd 88.539 SE 25 SW 97.47 NW 26.49. Geo N Wienholz vs Chas E Daly and P Stifanuto.. .... $63797

Non-Responsibility

SAN FRANCISCO

Feb 12, 1946—W KEARNY 137 N Sutter N 36 x W 60-5. Theoddre J H Lubbe as to improvements on property.

Feb 11, 1946—1739 FILLMORE ST. Louis Kaliski and D B Levin as to improvements on property.

Feb 11, 1946—3901 MISSION ST. General Mfg Co as to improvements on property.

Feb 9, 1946—E 15th AVE 225 S Irving St S 25 x E 127-6. Wm E Jr and Sadie H Parker as to improvements on property.

Feb 9, 1946—1335 FILLMORE ST. Ray Leventritt and Mortimer C Leventritt, trs as to improvements on property.

Feb 7, 1946—122-124½ CARL ST. Jos F Mannion as to improvements on property.

Feb ..... 1946—333 O'FARRELL ST. James H Lambert as to improvements on property.

ALAMEDA COUNTY

Feb 13, 1946—19th and BROADWAY, Oakland. Tapscott Bldg Co as to improvements on property.

Electrical Permits

SAN FRANCISCO

8568 444 Locust; owner, Edwin & Parti; contractor, Century Electric Construction; ....

8569 673 Geary St; owner, Jue Restaurant; contractor, Malm & Welter; 6 outlets; 3 switches; 4 plugs; alterations.

8570 2439 25th Ave; owner, Georgades; contractor, Malm & Welter; 5 outlets; 5 switches; 10 plugs.

8571 1158 Market; owner, Winter; contractor, Malm & Welter; 2 plugs.

8572 414 Schrader; owner, Carroll; contractor, Malm & Welter; 7 plugs.

8573 2573 Mission; owner, Avalon Bakery; contractor, Malm & Welter; motors.

8574 580 Eddy; owner, Jugo-Slav Sokol Club; contractor, Golden Gate Electric; ....

8575 137 Bush; owner, ...; contractor, Golden Gate Electric; 2 outlets; 2switches.

8576 723 Gough St; owner, Circle Record Co; contractor, Quality Electric; service; motors.

8577 1970 Carroll Ave; owner, Mario Packing Co; contractor, H S Tittle; 124 outlets; 38 switches; 22 plugs.

8578 N Geary 62 E 23rd Ave; owner, L J Bass; contractor, H S Tittle; 8 outlets; 6 switches; 5 plugs; service

8579 N Geary 62 E 23rd Ave; owner, L J Bass; contractor, H S Tittle; 15 outlets; 10 switches; 20 plugs.

8580181 517-155 Melrose Ave; owner, Meyer Construction; contractor, E A Koenig; ....

8582-85 135, 139, 143, 147 Melrose; owner, Meyer Construction; contractor, E A Koenig; 10 outlets; 11 switches; 14 plugs.

8586 1737-39 8th Ave; owner, A Koenig; contractor, Grandi Electric; 26 outlets; 24 switches; 36 plugs; service.

8587 1093 Pine; owner, Cooper & Varni; contractor, Byington Electric; service.

8588 555 Howard; owner, Aladdin Heating; contractor, Galvin Bros; motors.

8589 221 Sansome; owner, Jacks & Irvine; contractor, Galvin Bros; 3 outlets; 1 switch.

8590 2015 Market; owner, S & C Motors; contractor, Galvin Bros; 5 outlets; 4 switches; 2 plugs; service.

8591 47 Geary; owner, Bankers Investment Bldg; contractor, Matson Electrical Equipment; ....

8592 2550 Mission; owner, New Mission Theater; contractor, Matson Electrical Equipment; 3 outlets; 2 switches.

8593 783 Mission; owner, Advance; contractor, Casey Electric; 4 outlets; motors.

8594 2751 Lombard; owner, ...; contractor, Casey Electric; 1 outlets.

8595 1621 Market; owner, Steamfitters' Union; contractor, Ets-Hokin & Galvan; 12 outlets; 3 switches; 4 plugs; service.

8596-97 Various locations and owners; contractor, Electrical Products Corp; signs.

8598 739 Mission; owner, Saltzman; contractor, Crown Electric Co; alterations.

8599 524 Sutter; owner, Fredricks; contractor, Crown Electric; 4 outlets; 2 plugs.

8600 Civic Auditorium; owner, ...; contractor, C J Holzmueller; ....

8601 Civic Auditorium; owner, ...; contractor, C J Holzmueller; ....

8602-04 Various locations and owners; contractor, QRS Neon Co; signs.

8605 2635 18th St; owner, M Musconi; contractor, J K Herzog Electric; 6 plugs.

8606 364 Union; owner, G Quillacci; contractor, G Vaccarino; ....

8607 555 Sutter; owner, Morello; contractor, G Vaccarino; ....

8608 346 27th Ave; owner, Fontana; contractor, G Vaccarino; ....

8609 139 Victoria; owner, Baldwinson; contractor, Strom & Smith; 9 outlets; 9 switches; 12 plugs.

8610 340 Stockton; owner, Drake-Wiltshire Hotel; contractor, W B Baker & Co; ....

8611 768 Market; owner, Peggy Shop; contractor, W B Baker & Co; alterations.

8612 360 West Portal; owner, Allen Mori; contractor, W B Baker & Co; alterations.

8613-16 Various locations and owners; contractor, Brumfield Electric Sign Co; signs.

8617-18 1160-70 Prague; owner, Peninsula Building; contractor, Richmond Electric Co; 12 outlets; 12 switches; 12 plugs; service.

8619 395 Pope; owner, Peninsula Building; contractor, Richmond Electric; 12 outlets; 12 switches; 12 plugs; service.

8620 1995 33rd Ave; owner, Doelger; contractor, Richmond Electric; 12 outlets; 12 switches; 12 plugs; service.

8621-24 2918-24-30-36 Pacheco St; owner, Doelger; contractor, Richmond Electric; 12 outlets; 12 switches 12 plugs; service.

8625 1994 34th Ave; owner, Doelger; contractor, Richmond Electric; 12 outlets; 12 switches; 12 plugs; service.

8626 E 38th Ave 57 N Vicente; owner, United; contractor, Richmond Electric; service.

8627 409 Drumm St; owner, ...; contractor, Ets-Hoken & Galvan; 2 outlets; 2 switches; 2 plugs.

8628 56 Santa Rosa; owner, Wachbaun; contractor, O J Ferrera; 5 outlets; 2 switches; 2 plugs.

8629 4724 Mission; owner, Del Rio; contractor, O J Ferrera; ....

8630 E Rankin 100 N Oakdale; owner, ...; contractor, H C Wilson; service.

8631 41 Lyell St; owner, Novelli; contractor, H C Wilson; 4 outlets; 3 switches; 4 plugs.

8632 516 Sutter St; owner, ...; contractor, G E X-Ray; ....

8633-37 Various locations and owners; contractor, Wonderlite Neon Prod Co; signs.

8638 1555-A Ellis; owner, Williams; contractor, Pacific Elec Const Co; 4 plugs.

8639 355 5th St; owner, Stewart Plastic Products Co; contractor, Pacific Elec Constr Co; 6 plugs.

8640-56 Various locations and owners; contractor, Apex Elec Co; signs.

8657 340 Post St; owner, Bullock & Jones; contractor, Chas A Langlais Co; 7 outlets; 1 switch; 3 plugs.

8658 1532 Ellis St; owner, Matson Navigation Co; contractor, Chas A Langlais Co; ....

8659 68 Page; owner, Barrett and Hilp; contractor, Chas A Langlais; 7 outlets; 4 switches; 15 plugs.

8660 2748 Mission; owner, Mode O'Day; contractor, Atlas Pacific Neon Products; ....

8661 200 Davis St; owner, Cordes Co; contractor, Decker Elec Constr Co; motors.

8662 963 Fillmore Street; owner, Momat; contractor, Weber-Conroy; 2 outlets; 1 switch; 1 plug; service.

8663 2164 Hyde St; owner, Jensen; contractor. Weber-Conroy; three outlets; 3 switches; 3 plugs.

8664 350 Treat Ave; owner, J Di Crestina; contractor, F H Tattenham; 50 outlets; 12 switches; 19 plugs; service; motors.

8665 1549 Vallejo; owner, ...; contractor, F H Tattenham; service; 14 plugs; alterations.

8666 57 Tehama St; owner, Ball Welding Co; contractor, Kuchel and Sievers Elec Works; 1 plug.

8667 36 5th St; owner, Hale Bros; contractor, Chas A Langlais Co; 47 outlets.

OAKLAND

35407 288 28th St; owner, Bill Taylor Dist Co; contractor, Spott Electrical; motors.

35408 888 Leo Way; owner, Sardell; contractor, Spott Electrical Co; alterations.

35409 645 16th St; owner, Henderson; contractor, Spott Electrical Co; plugs.

35410 1554 13th Ave; owner, Stanley's Market; contractor, Spott Electrical Co; alterations.

35411 5751 Broadway; owner, Risco Awnings; contractor, Spott Electrical Co; alterations.

35412 3745 Grand Ave; owner, International Business School; contractor, Spott Electrical Co; 4 outlets; fixtures.

35413 2nd and Market Sts; owner, National Ice Co; contractor, Spott Electrical Co; motors.

35414 3000 MacArthur Blvd; owner, Hand M Drug Co; contractor, Ets-Hokin & Galvan; fixtures.

35415 5682 San Pablo; owner, California Wholesale Grocery; contractor, Conrad Electric Co; service.

35416 1115 Stanford Ave; owner, City Cafe; contractor, Conrad Electric Co; 6 fixtures.

35417 1229 23rd Ave; owner, Montano; contractor, Goss Electric Shop; 4 outlets; 1 switch; 5 fixtures.

35410 2878 Glascock; owner, Leach; contractor, Davis Electric Co; outlets; switches; fixtures; plugs; alterations.

Prospective Bidders

Oregon Residence, San Anselmo, Calif.

BIDS: San Francisco Theological Seminary, San Anselm, February 21, 3 P. M. Plans by Architect James H. Mitchell, 407 Sansome St., San Francisco.

B. & R. Construction Co., 268 Market St., San Francisco.
D. B Ferrero, 31 Belle Ave., San Anselmo.
Litchfield Construction Co., 721 Francisco Blvd., San Rafael.
Peter Sartorio, 262 Clementina St., San Francisco.
S. J. Amoroso Construction Co., 2100 Oakdale Ave., San Francisco.

Residence, Merced Ave. near Garcia, San Francisco, Calif.

BIDS: Mr. Elrego, c/o Architect John J. Foley, 770 5th Ave., San Francisco, February 14, 5 P. M.

M. J. King, Inc., 231 Franklin St.
Ed Zinkand & Son, 667 36th Ave.
Jack Callaghan, 900 Clayton St.

Official Proposal

Proposal No. 1713— Ford or Chevrolet Sedans

NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512 16th Street, Oakland, California, until 5:30 P. M., Wednesday, Feb. 20, 1946, and will at that hour be opened for furnishing six NEW LATEST MODEL 8-CYLINDER FORD or 6-CYLINDER CHEVROLET SEDANS, as per specifications.

Proposal No. 1713 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL READ,
Secretary

Oakland, California.
February 8, 1946.

(Daily Pacific Builder)
(February 11, 1946)

Pro. No. 1712—Disc Water Meters

NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512 16th Street, Oakland, California, until 5:30 P. M., Wednesday, Feb. 20, 1946, and will at that hour be opened for furnishing approximately 2500 ⅝-inch x ¾-inch DISC WATER METERS, as per specifications.

Proposal No. 1712 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL, READ,
Secretary

Oakland, California.
February 8, 1946.

(Daily Pacific Builder)
(February 11, 1946)

Pro. No. 1711—Gate Valves

NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512 16th Street, Oakland, California, until 5:30 P. M., Wednesday, Feb. 20, 1946, and will at that hour be opened for furnishing nine GATE VALVES, as per specifications.

Proposal No. 1711 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL, READ,
Secretary

Oakland, California.
February 8, 1946.

(Daily Pacific Builder)
(February 11, 1946)

Pro. No 1709—Oil Circuit Breaker

NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512 16th Street, Oakland, California, until 5:30 P. M., Wednesday, Feb. 20, 1946, and will at that hour be opened for furnishing one OIL CIRCUIT BREAKER, Outdoor Type, as per specifications.

Proposal No. 1709 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL, READ,
Secretary

Oakland, California.
February 8, 1946.

(Daily Pacific Builder)
(February 11, 1946)

Pro. No. 1706—Transformers

NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512 16th Street, Oakland, California, until 5:30 P. M., Wednesday, Feb. 20, 1946, and will at that hour be opened for furnishing approximately three 500 KVA OUTDOOR TRANSFORMERS, as per specifications.

Proposal No. 1706 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL, READ,
Secretary

Oakland, California.
February 8, 1946.

(Daily Pacific Builder)
(February 11, 1946)

LS-347—CI Pipe Fittings

NOTICE TO CONTRACTORS

Sealed proposals will be received at Room 205 of the office of the East Bay Municipal Utility District, 512 16th Street, Oakland, California, until 5:30 P. M., Wednesday, Feb. 20, 1946, and will at that hour be opened for furnishing 3755 cast iron and spigot water pipe fittings of 4- to 12-inch diameters.

Specifications (No. LS 347) may be obtained upon application at Room 406 of the office of the District.

DANIEL, READ,
Secretary

Oakland, California.
February 7, 1946.

(Daily Pacific Builder)
(February 11, 1946)

EMPLOYMENT SERVICE

For further information regarding positions listed under this classification address Newton D. Cook, Manager, Engineering Societies' Personnel Service, 57 Post St., San Francisco.

TECHNICAL PERSONNEL, ()a Mechl. designer, exper. on complex mechl. movements; (b) aeronautical stress analyst for model design; (c) testing engineer familiar with optical and electrical devices for structural testing. Duration 6-12 mos. Salary open. East Bay. S-515. Newton D. Cook, 57 Post St., San Francisco.

TRANSITMAN for genl. land surveys. Salary about $300 mo. Carmel. S-592. Newton D. Cook, 57 Post St., San Francisco.

DRAFTSMAN, genl. civil engrg. exper., for municipal work. Perm. $300 mo. East Bay. S-586. Newton D. Cook, 57 Post St., San Francisco.

STRUCTL. DESIGNER, exper. on preparation of steel and concrete design drawings. Sal. open. San Francisco. S-580. Newton D. Cook, 57 Post St., San Francisco.

STRUCTL. or ARCHTL. DESIGNERS and DRAFTSMEN for private office. Sal. open. San Francisco. S-447. Newton D. Cook, 57 Post St., San Francisco.

MINING ENGINEER, familiar with gold mining or milling, for perm. connection with good prospects in proven ground. Married man pref'd. Salary open. Location South America; hdqs. California. S-565. Newton D. Cook, 57 Post St., San Francisco.

DRAFTSMAN, good delineator, with some knowledge of geology. Sal. $2400 yr. San Francisco. S-594. Newton D. Cook, 57 Post St., San Francisco.

SALES ENGINEER, pref. with pump exper., for established mfr. Must be willing to travel. Sal. and com. Northwest. S-531. Newton D. Cook, 57 Post St., San Francisco.

ARCHTL. DESIGNER with several yrs. exper. on the drawing board for construction co. Salary open. San Francisco. S-573. Newton D. Cook, 57 Post St., San Francisco.

SALES ENGINEER, exper. in food and beverage processing and packaging, for established agency. Salary open. San Francisco. S-494. Newton D. Cook, 57 Post St., San Francisco.

STRUCTURAL DESIGNER, exper. on heavy steel and concrete. Salary $2-$2.60 hr., 40-hour week. East Bay. S-381-K. Newton D. Cook, 57 Post St., San Francisco.

DRAFTSMAN, Structl. and Archtl., for comml. and industrial bldgs. Salary open. San Francisco. S-488. Newton D. Cook, 57 Post St., San Francisco.

BUYER and expeditor, exper. in San Francisco building materials. Sal. $400-$500 mo. San Francisco. S-555. Newton D. Cook, 57 Post St., San Francisco.

ARCHTL. DESIGNER with at least 2 yrs. exper. beyond college. Permanent. Salary open. Monterey County. S-533. Newton D. Cook, 57 Post St., San Francisco.

Classified Advertising

WANTED

SR. ARCHITECTURAL DRAFTSMAN for permanent position in Monterey. Good opportunity. For appointment phone C. J. Ryland, Carmel 404, reversed, or write Box 847, Monterey. (2/13-14-15-18/46)

ESTIMATOR with Building exp. or Engineering training. State previous exp. and education. Good future for ambitious young man. Reply Box 130 c/o Daily Pacific Builder. (tf)

BLDG. CONSTR. SUPT., good future. State experience and references. Reply Box 16, c/o Daily Pacific Builder. tf

Experienced ESTIMATOR for general contractor. Experienced in takeoff and estimating of industrial buildings and heavy construction. Location, Sacramento. Salary open. Send particulars to Box 29, c/o Daily Pacific Builder. to 2/21/46

POSITION WANTED

POSITION WANTED

SALESMAN, familiar with plans and detail all building lines, desires connection. Reply Box 28, co Daily Pacific Builder. to 2/15/46

HELP WANTED

EXP. ARCHITECTURAL DRAFTSMAN. Apply at office of Myers & Evers, 1201 Kohl Bldg., San Francisco. 2/14-15-18-19-20/46

ESTIMATOR with PAINTING CONTRACTING EXPERIENCE. Apply 2019 Blake St., Berkeley. Phone AShberry 1616. to 2/21/46

FOR RENT

FENCED LOT, suitable for contractor's storage; 2 frontages; Bryant St. near 3rd. Rent $35 per month. ELk. 4258. to 2/15/46

Bid Opening Schedule

BUILDING PROJECTS

Bid Opening Date Project	Location of Project	Noted in Issue
2-14— 5:00 P.M.—Store Building	San Francisco	2- 8
2-14— 5:00 P.M.—Residence	San Francisco	2- 8
2-14 Grain Elevator (Tulana Farms)	Warden, Ore.	1-23
2-14— 5:00 P.M.—Fencing	Fresno	2- 6
2-14— 5:00 P.M.—Locker Building	San Anselmo	2- 6
2-15— 4:00 P.M.—Theater	Salinas	2- 6
2-15— 4:00 P.M.—Shop	Sacramento	1-31
2-15—10 A.M.—Dispatch Hall	Wilmington	1-30
2-15— Warehouse	San Francisco	2- 4
2-15— Lath Houses	Monrovia	2- 7
2-15— 5:00 P.M.—Chevrolet Agency	San Rafael	2- 8
2-15—12:00 M., Car Barn	Portland, Ore.	2-11
2-18— Film Exchange	Seattle, Wash.	2- 7
2-18— 3:30 P.M. Girls' Dorm.	La Grande, Oregon	2- 7
2-18— 8:00 P.M.—Schoolroom	Pittsburg	1-29
2-18 Steel Partitions (Govt.)	Denver, Colo.	1- 8
2-18 2:00 P.M.—Women's Dormitory	Corvallis, Ore.	2- 5
2-18— 3:30 P.M.—Girls' Dormitory	La Grande, Ore.	2- 5
2-19— 2:00 P.M.—Hospital	Salem, Ore.	2- 5
2-19 Bond Election (Dist.)	San Jose	1- 7
2-19— 2:00 P.M.—Hospital	Salem, Ore.	2- 4
2-19—11:00 A.M. Building	San Francisco	2-11
2-20— 2:00 P.M., Elevator	San Francisco	2-11
2-20— 2:00 P.M., Houses	Denver, Colo.	2-11
2-20—10:00 AM. Painting	Berkeley	2- 7
2-20— 2:00 P.M.—Repair Post Office	Downey	2- 4
2-21 Paint Post Office (Govt.)	Redondo Beach	1-18
2-21—11:00 A.M.—Shop	San Francisco	1-31
2-21— 3:00 P.M., Residence	San Anselmo	2-11
2-21—11:00 A.M.—Superstructure	San Francisco	2-12
2-21— 2:00 P.M., Fire Station	Long Beach	2-13
2-25 Painting and Repairs (Govt.)	San Diego	1-23
2-26 Hospitals (Veterans' Admin)	Grand Junction, Colo.	1-26
2-26—11:00 A.M. Gunnery Range	Crows Landing	2- 7
2-26— 3:00 P.M. Residence	San Rafael	2- 7
2-26— 2:00 P.M.—Service Building	San Francisco	2- 8
2-26— 3:00 P.M.—Sales Building	San Francisco	2-12
2-27— 2:00 P.M. Painting	Monrovia	2- 7
2-27— 2:00 P.M. Painting	Lynwood	2- 7
2-27— 2:00 P.M. Painting	Bell	2- 7
2-27— 2:00 P.M. Painting	Fullerton	2- 7
2-27— 2:00 P.M. Painting	Maywood	2- 7
2-27— 2:00 P.M. Painting	St. Anthony	2- 7
2-27 Addition to School (Dist.)	Downey	1-16
2-27— 2:00 P.M.—Elevator	Tacoma, Wash.	1-29
2-27— 7:30 P.M.—School	Shafter	1-30
2-27— 2:00 P.M.—Painting	St. Anthony	2- 4
2-27— 1:45 P.M., Alterations	San Francisco	2-11
2-27— 2:00 P.M., Boiler	San Gabriel	2-11
2-27— 2:00 P.M., Ceilings	Los Angeles	2-11
2-27— 2:00 P.M, Ventilation	Los Angeles	2-11
2-27— 2:00 P.M., Doors	Preston	2-11
2-27— 2:00 P.M., Pump	Fullerton	2-11
2-27— 2:00 P.M., Sidewalks	Napa	2-13
2-28— 4:00 P.M., Warehouse	Los Angeles	2-13
2-28— 8:00 P.M.—School Building	San Mateo	2-12
3- 1 — 2:00 P.M., Basement	Lancaster	2-11
3- 1 Painting (Govt.)	Eureka, Utah	1-28
3- 6— 2:00 P.M., Painting	Calexico	2-13
3-11—12:00 M. School	Palm Springs	2- 7
3-12— 1:30 P.M., Flagpole	Livermore	2-13
3-14— 2:00 P.M.—School Buildings	Maricopa County, Ariz.	2- 8

ENGINEERING PROJECTS

Bid Opening Date Project	Location of Project	Noted in Issue
2-14—10 A.M.—Water Tank	Yelm, Wash.	1-30
2-14 Overhead Crossing (State)	Los Angeles	1-15
2-14 Overcrossing (State)	San Diego	1-15
2-14 Overcrossing (State)	Los Angeles	1-15
2-14—10 A.M.—Highways	Olympia, Wash.	1-30
2-14—10 A.M.—Water Mains	Yelm, Wash.	1-30
2-14—10:00 A.M.—Ramps	Astoria, Ore.	2- 4
2-14—10:00 A.M.—Sewer	Fresno	2- 5
2-14—10:00 A.M.—Sewering	Fresno	2-12
2-14— 2:00 P.M.—Project FH32-K	El Dorado County	2-12
2-15 Resurface Road (City)	El Dorado County	1-28
2-15—10:00 A.M.—Well	North Las Vegas	1-29
2-15— 2:00 P.M.—Levee Setback	Sacramento County	2- 6
2-15—10:00 A.M. Highway	New Mexico	2- 7
2-15—10:00 A.M. Highway	New Mexico	2- 7
2-15—10:00 A.M. Highway	New Mexico	2- 7
2-15—11:00 A.M. Grading, Etc.	Arizona	2- 7
2-15— 4:00 P.M.—Sewer	Tucson, Ariz.	2- 8
2-15—11:00 A.M., Distrib. Line	Ritzville, Wash.	2-11
2-16—10:00 A.M.—Runway	St. George, Utah	1-29
2-16 Improve Pine St. (City)	San Francisco	1-21
2-18 Runways (Govt.)		1-28
2-18—11:00 P.M.—Bridge	Merced	1-29
2-18— 5 P.M.—Sewage	Kelso, Wash.	1-30
2-18— 2:00 P.M.—Highways	Snohomish County, Wash.	2- 5
2-18—10:00 A.M. Airfield	St. George, Utah	2- 7
2-18— 8:00 P.M., Lighting	Ontario, Calif.	2-11
2-19—10:00 A.M.—Dredging	Long Beach	2- 8
2-19— 3:00 P.M.—Water Main	San Francisco	2- 8
2-19— 8:00 P.M.—Sewers	Tracy	2- 8
2-19—10:00 A.M.—Sewer	Riverside	2- 6
2-19— 8:00 P.M.—Sewers	Tracy	1-29
2-19 Concrete Water Tank (City)	Ritzville, Wash.	1-16
2-19 Reservoir (City)	Ritzville, Wash.	1-21
2-19— 2:00 P.M.—Ferry	Solano County	2- 4
2-19—10:00 A.M., Road	Phoenix	2-13
2-19— Sewer	Albuquerque, N. M.	2-13
2-20—11:00 P.M., Pipe Systems	San Diego	2-11
2-21— 9:00 A.M., Highways	Niobrara, Carbons, Etc., Cos.	2-13
2-21— 3:30 P.M., Pier	San Francisco	2-11
2-21 Improve Highway (State)	Los Angeles	1-22
2-21 Freeway (State)	Los Angeles	1-24
2-21 Fort Gibson Dam (Govt.)	Fort Gibson, Okla.	1-18
2-21— 2:00 P.M.—Storm Drain	San Bernardino	2- 8
2-25— 2:00 P.M., Highways	Orange County	2-11
2-25— 2:00 P.M., Surfacing	Utah State Highway	2-13
2-25— 2:00 P.M., Highway Culvert	Utah State Highway	2-13
2-25— 5:15 P.M., Grading	Lawndale	2-13
2-26—11:00 A.M., Bridge	Los Angeles	2-11
2-27— 2:00 P.M.—Bridge	Solano County	1-29
2-26—10:00 A.M.—Storm Drain	Los Angeles County	2- 5
2-26—10:00 A.M.—Tunnel Lining	Colorado-Big Thompson Project	2- 5
2-26—10:00 A.M.—Highway	Olympia, Wash.	2-12
2-27— 1:30 P.M. Clear Site	Napa County	2- 7
2-27— 2:00 P.M.—Highways	Contra Costa County	1-29
3- 1— 5:00 P.M.—Street	Sacramento	2-12
3- 1— 1:30 P.M.—Highway	Nevada State Highway	1-31
3- 4— 4:00 P.M.—Sewers	Tucson, Ariz.	2-12
3- 5—10:00 A.M.—Earthwork	Central Valley Project	2-12
3- 6— 2:00 P.M.—Highways	Monterey County	2- 5
3- 6— 2:00 P.M.—Highways	Alameda County	2- 5
3- 6— 2:00 P.M.—Highways	Oakland	2- 5
3- 6—10:00 A.M.—Transmission Line	Rio Grande Project	2-12
3- 7— 2:00 P.M.—Highways	Los Angeles County	2- 5
3- 5—10:00 A.M. Canal	Central Valley Project	2- 7
3- 5— 1:30 P.M. Transmission Line	Spokane, Wash.	2- 7
3- 6—10:00 A.M. Grading	Los Angeles	2- 7
3- 6— 2:00 P.M. Jet Pump Equip.	Central Valley Project	2- 7
3- 6—10:00 A.M., Grading	Los Angeles	2-13
3- 6—11:00 A.M., Clearing	Fort Lyon, Colo.	2-13
3- 7— 2:00 P.M.—Bridges	San Diego County	2- 5
3- 7—10:00 A.M.—Earthwork	Shoshone Project	2- 6
3-12 Kortes Dam (Govt.)	Missouri Basin Project	1-18
3-13— 2:00 P.M.—Freeway	Santa Clara County	2-12
3-14— 2:00 P.M.—Grading	Los Angeles County	2-12
3-14— 2:00 P.M.—Crossing	Los Angeles County	2-12
3-15— 2 P.M.—Steel Towers	Central Valley Project	1-30
4- 2— 2:00 P.M., Needle Valves	Denver, Colo.	2-13

SUPPLIES AND EQUIPMENT

Bid Opening Date Project	Location of Project	Noted in Issue
2-14— 2 P.M.—Burlap Wrappers	San Francisco	1-25
2-14— 2 P.M.—Cellulose Tape	San Francisco	1-25
2-14— 2 P.M.—Garbage Cans	San Francisco	1-30
2-14—10:30 A.M.—Rails	Portland, Ore.	2- 4
2-14—10:00 A.M.—Paint	San Francisco	2- 5
2-14—10:00 A.M.—Webbing	San Francisco	2- 5
2-14—10:00 A.M. Tractors	Long Beach	2- 7
2-14— 2:00 P.M.—Conductor	Denver, Colo.	2- 8
2-15—11:00 A.M. Distrib. Line	Ritzville, Wash.	2- 7
2-15—10:00 A.M.—Machines	San Francisco	2- 5
2-15—10:00 A.M.—Cable	San Francisco	2- 5
2-15—11:00 A.M.—Hardware	San Francisco	2- 5
2-15— 2:00 P.M.—Clamps	Denver, Colo.	2- 5
2-15— 5:00 P.M.—Pipe	Sacramento	2- 5
2-15—10:00 A.M.—Heater, Etc.	San Francisco	2- 4
2-15— 2 P.M.—Pumps	Los Angeles	1-25
2-15— 2 P.M.—Fiber Door Mats	San Francisco	1-29
2-15 Transformers (Govt.)	Las Cruces, N. M.	1-21
2-15— Autos	San Francisco	2- 6
2-15— 2:00 P.M., Pads	San Francisco	2-11
2-15— 3:00 P.M., Distributors	San Mateo	2-11
2-15— 2:00 P.M—Compressor	Mendocino County	2-12
2-16—10:00 A.M. Camels, Pontoons	Tacoma, Wash.	2- 7
2-18— Sale of Trucks	San Francisco	2-13
2-18 Structural Steel Anchorages, Etc. (Govt.)	Central Valley Proj.	1-15
2-18 Tank Truck Facilities (Standard Oil Co.)	Richmond	1-25
2-18— 2:00 P.M.—Notebook Holders	San Francisco	2- 1
2-18— 2:00 P.M.—Telephone Wire	San Francisco	2- 1
2-18—10:00 A.M.—Oars	San Francisco	2- 6
2-18— 2:00 P.M.—Conductor	Denver, Colo.	2-12
2-18—10:00 A.M.—Oars	San Francisco	2- 8
2-18— Brooms	Sacramento	2-11
2-19—10:00 A.M.—Scrap		
2-19— 2:00 P.M.—Sheaths	San Francisco	2- 8
2-19— 2:00 P.M.—Hose	San Francisco	2- 8
2-19— 1:30 P.M., Acous. Units	West Los Angeles	2-11
2-19— 3:00 P.M.—Storage Tank	San Francisco	2- 6
2-19— 2:00 P.M.—Spools	San Francisco	2- 1
2-19— 2:00 P.M.—Hose	San Francisco	2- 4
2-19— 8:00 P.M. Control Board	Contra Costa County	2- 7
2-20—10:00 A.M.—Seats	San Francisco	2- 5
2-20—10 A.M.—Sedan	Reno, Nev.	1-26
2-20—10:00 A.M. Blast Coils	Berkeley	2- 7
2-20— 2:30 P.M. Kitchen Equip.	San Francisco	2- 7
2-20—10:00 A.M., Sale Water Stops	San Francisco	2-13
2-20— 8:00 P.M., Duplicator	Berkeley	2-11
2-20— 2:00 P.M.—Canteens	San Francisco	2- 8
2-10— 2:00 P.M.—Fire Hose	San Francisco	2- 8
2-20— 2:00 P.M.—Storage Batteries	San Francisco	2- 8
2-20— 5:30 P.M.—Transformers	Oakland	2- 8
2-20— 5:30 P.M.—Circuit Breaker	Oakland	2- 8
2-20 5:30 P.M.—Gate Valves	Oakland	2- 8
2-20— 5:30 P.M.—Pipe Fittings	Oakland	2- 8
2-20— 5:30 P.M.—Water Meters	Oakland	2- 8
2-20— 5:30 P.M.—Sedans	Oakland	2- 8
2-20—12:00 Noon—Pipe	Paradise	2-12
2-21—10:00 A.M.—Pumps	San Francisco	2- 6
2-21—10:00 A.M.—Gear Shift	San Francisco	2- 6
2-25—10:00 A.M.—Road Oil	Helena, Mont.	2- 6
2-25 Radio Appliances (Govt.)	Denver, Colo.	1-28
2-25— 3:00 P.M.—Gate Valves	San Francisco	1-31
2-25— 5:00 P.M.—Sweeper	Stockton	2-12
2-25— 5:00 P.M.—Pipe	Sacramento	2-12
2-26— 2:00 P.M.—Sheeting	San Francisco	2- 8
2-27— 2:00 P.M.—Elevator	Central Valley Project	1-31
2-28— 2 P.M.—Cars	Redding	1-29
3-28— 2:00 P.M.—Gate Hoists	Denver, Colo.	2-12
3- 1— 2:00 P.M., Stationary	San Francisco	2-11
3- 4— 2 P.M.—Cars	Redding	1-29
3- 7 Pumps, Etc. (Govt.)	Columbia Basin Project	1-11
3-12— 2 P.M.—Cars	Denver, Colo.	1-29
3-12— 2:00 P.M.—Annunciators	Boulder Canyon Project	2- 8
3-15—10:00 A.M.—Drum Gates	Central Valley Project	2- 1
3-19— 2:00 P.M.—Pumps	Denver, Colo.	1-31
3-20 Sanitary Sewer (City)	Mill Valley	1-18
3-21— 2:00 P.M.—Crane Structure	Columbia Basin Project	2- 8

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Fifty-sixth Year—Vol. 56—No. 33 SAN FRANCISCO, FRIDAY, FEBRUARY 15, 1946 PRICE 15 CENTS PER COPY

PLANS and Speculations

San Francisco State College has been authorized to start construction of a new campus at Nineteenth Avenue and Holloway Street. The $4,000,000 building program includes eleven classroom buildings, two large dormitories, gymnasium, swimming pool and a basketball court with a seating capacity for 2000.

oOo

San Mateo county's highway and bridge program for the present fiscal year calls for an expenditure of $574,401.

oOo

Pittsburg: Michael E. Evola, druggist, has announced plans for a business structure at Cumberland and Sixth Streets to house four stores.

oOo

Niles: Work has been started on the $50,000 refrigeration plant for the Pacific Cold Storage Co. According to C. W. Chrysler, vice president of the firm, 1000 family locker units will be provided.

oOo

El Cerrito: Don Kimball, president of the local Chamber of Commerce, has revealed plans for a bungalow-type motel of at least 70 units of two stories each, together with a coffee shop and recreation center. The site, at San Pablo Avenue and Fink Lane was purchased recently by Kimball for $16,000. Construction will start as soon as materials are available.

oOo

Stockton: Ray N. Cruden has been hired as project engineer to assist in preparation of plans and details of the $1,750,000 city sewer expansion program.

oOo

Millbrae: The Community Church under leadership of its pastor, Dr. B. W. Anderson, has launched a drive for $50,000 for construction of a new edifice at the northwest corner of El Paso and Almenar Sts. Ambrose and Spencer, San Francisco architects, have completed the plans.

Santa Clara: The Pacific Can Company of San Francisco has purchased three acres on the Alviso-Santa Clara Road in the Pasetta Tract for construction of machine shops to cost more than $100,000. The building will be 100 by 240 feet and will feature wood truss construction.

oOo

Walnut Creek: The Bank of America will invest approximately $110,000 in site and building for a new branch office to be erected on the east side of Main Street, one block south of the present location. E. S. Tomasi, branch manager, states that the building will be 52 by 120 feet.

oOo

Factors in Western Industrial Development Discussed Before Management Conference

During the general session of the Northern California Management Conference held at the Palace Hotel—R. M. Alvord, San Francisco Commercial Vice President, General Electric Company, discussed "Factors in Western Industrial Development".

Pointing out that "Managements' New Opportunities" fundamentally mean an opportunity to sustain and even expand full employment ,and hence prosperity, in the West—Alvord covered the efforts of his and other companies toward this end.

Since factory payrolls are basic to our economy, Alvory said that added industrial employment must come from one or a combination of the following actons:

(1) Expand existing plants.

(2) New branch plants of national manufacturers must be attracted to the West, or

(3) Form new companies:

(a) To exploit new inventions or manufacturing techniques, or

(b) To take advantage of such factors as changes in rates in freight or in the price or availability of materials, and

(4) Convert war plants.

Alvord said this: "Our hopes for full employment will not be realized unless Government creates an economic climate, favorable to the continued growth of private industry, and the imperative fact that we all must get back to work is adamant."

"General Electric believes in the West—and wishes to contribute to the continued industrial growth of this area," Alvord continued. "Our plans call for almost doubling the 2,000 California employees we now have on our payrolls—when our new plants at San Jose and Anaheim are built and go into operation. Plant expansions are planned for the Oakland Lamp Works and the flat-iron factory in Ontario, Calif., where all of G.E.'s United States production is done."

Alvord said that "decentralization" might prove to be the magnet which would draw many national manufacturers to the West, where they would set up branch factory operations. Decentralization works both ways. It is good for the worker and is good for the company, for with smaller manufacturing units management can become personally acquainted with employees, and workers tend to become "good citizens", thus espirit-de corps is enhanced, which is reflected in high productive efficiency.

G. E.'s policy towards decentralization has already been put into effect out here—through two Anaheim units. One is the chemical plant already under construction where paint bases will be made and the new plastics unit, soon to be started. Alvord quoted directly from a recent statement made by C. E. Wilson, President of his firm, who said:

"It has been said that in going into smaller towns to expand our business we are looking for cheap labor. General Electric doesn't want and never did want cheap labor. It did not grow that way. G.E. has always paid equal or better rates for a job than any other comparable employer in a given area, and that will continue to be our policy. What we are seeking by establishing factories in less congested areas are these things: proximity to markets and sources of materials; better transportatio. facilities; and desirable and congenial working conditions for employees, where the dollar earned will buy more leisure, better schools, improved health, and greater security. These seem like worthwhile objectives to me."

In summary Alvord said: "We need factories, but only on a sound basis; otherwise, we do harm not only to the West but to the national economy as well. Here are some points to consider:

"(1). Sound business thinking suggests that manufacturers in the West may not find it desirable to compete with plants which can manufacture more cheaply elsewhere.

"(2). After balancing reasons why not against reasons why, if consumer markers, labor supply, raw materials and transportation facilities indicate volume production at competitive prices, then the answer is obvious—go ahead. Any other reason is nebulous for no permanent benefit accrues to labor or to stockholders or to the West.

"(3). Perhaps a straight assembly type of operation is the answer. Our Oakland Lamp Works gives a clue: mass low cost production of component parts is required, parts which must be done on automatic machines costing thousands of dollars which turn out a million parts a day. The market for the finished product dictates an assembly plant a Oakland but only when the component parts are made elsewhere.

"(4). Decentralization indicates added factories for the West.

"(5). Many companies originated here. They started out to take care of a definite local need. They have products peculiar to a specific area. Then through normal expansion of products and markets they increased their operation to one nation-wide in scope. The Food Machinery Corporation is an example.

"(6). When we were talking about industrial development, the creation of jobs lead us to realize that nationally one-half of all gainfully employed people are in trades and services. If you eliminate from industry's one-half, that percentage of people working in agriculture and mining, the total industrial employment represents only about one-fourth of the total gainfully employed.

"It is well established that when the percentage of peoples in trades and services is high, the standard of living is likewise high. For example, California enjoys a very high standard of living—probably the highest in the country on an average. Here is proof: with only 5.2 per cent of the national population in 1939, California had 7.6 per cent of the retail sales. The eleven Western states in 1944 had 12.3 per cent of national population yet made 15.3 of the nation's retail purchases. California has about 65 per cent of all gainfully employed in trades and services. My thought is, therefore, to enjoy a continued and expanding high standard of living, we need expanding industrial activity, soundly planned and operated. It is the people in trades and services in this area who are the market for the products of our manufacturing plants, and who will sell and service the products made here. The more people employed in factories, the more products made, requires more people selling and servicing these products. It, therefore, is good for everyone. The ratio is clear—for every two employed in industry three must be in trades and services. Get this ratio into the 100,000 brackets and you really are on the way to full prosperity in the West.

"(7). The goal of western industry must be more goods for more people, at less cost. No other attitude or program will give us what we must have, ie., full employment and hence full prosperity. The reason is obvious—the consumer—who is the final boss of all industry won't permit it."

Central Valley Chapter AIA Elects Officers

Herbert E. Goodpaster, former captain in the marines, was elected president of the Central Valleys Chapter of the American Institute of Architects at a meeting held in Sacramento.

Goodpaster, released from service last summer, served in the Pacific. He wears the Asiatic-Pacific Ribbon wyith three battle stars.

Other officers are Jas. A. Gillam, Sacramento, vice president; Victor Galbraith, Stockton, treasurer; Frank Mayo, Stockton, secretary; and William Kiblik of the State Division of Schoolhouse Planning, director.

The Central Valley Chapter includes San Joaquin and Sacramento valleys, and Nevada.

GROOVER AND I

ANSWER IS "NO"

In this column my remarks have been restrained regarding the Roosevelt family, trying to limit them to F.D.R. as the elected Chief Executive of this Nation—Mrs. Eleanor Roosevelt as a paid writer in the public press and Mrs. Roosevelt as a paid public servant ($12,000 per year) as a U. S. member of the UNO Assembly.

★ ★ ★

Now, something new has been added and I am going to stand up and file my copy—which is a definite "NO".

★ ★ ★

When President Roosevelt was compaigning for the fourth term, he donned the verbal uniform of Commander-in-Chief of the Armed Forces.

★ ★ ★

The Roosevelt heirs, through their attorneys have asked for a ruling on the point that the late President be granted New York State income tax exemptions on the grounds he was a member of the armed forces when he died. The law grants a year's tax exemption to the servicemen who die while in service.

★ ★ ★

In this day of careless billions, the exemption would not financially embarrass the State. On the other hand, denial of this plea would not cause any of the wealthy Roosevelt family to go hungry.

★ ★ ★

That isn't the point. This would be a dangerous spark in a dry forest. It is the first step toward a military rulership.

★ ★ ★

When our Constitution was framed, the Founding Fathers had enough of rule by gun, sword and scepter. Our Government — Judicial, Legislative and Executive—was to be a PEOPLE'S Government, with all functions, including the military, subservient to the will of the people as expressed through their elected civilian representatives.

★ ★ ★

Granting this request would be a foot-in-the-door to dictatorship. This doesn't refer to Mr. Roosevelt or to President Truman but it is looking toward the future.

★ ★ ★

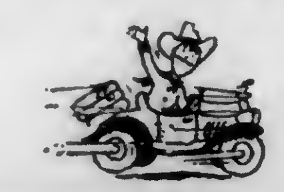
There are just too many "Huey Long's" and little would-be dictators running loose in this country to ever take the chance that our Nation have a Military Government.

★ ★ ★

It would be the first step toward an Argentinian Perone, Spanish Franco, Italian Mussolini or even a German Hitler.

★ ★ ★

The answer must be "NO" —that we maintain a Government of the People—by the People—for the People.



Bureau Makes Changes In Engineering Staff

Two additional engineers have been appointed to the Bureau of Reclamation's Sacramento Valley District office staff, with headquarters at Chico, according to James K. Carr, District Engineer.

Marshall Young, who has been acting as superintendent of the Bureau's Colusa office for the past few months, was transferred this week to the office at Chico, to supervise operation and maintenance problems within the Sacramento Valley District. Young, who has been with the Reclamation Bureau for more than 12 years, has spent the last nine years on the Central Valley Project. He was employed on construction of Friant Dam and other work in the San Joaquin Valley. He is a graduate of the University of Utah, and is married and has two children.

Young will be assisted in Chico by Albert W. Plummer, who has just returned from two years with the United States Navy in the Sea Bees as Chief Petty Officer. Plummer, formerly employed by the Corps of Engineers, U. S. Army, has had experience on Central Valley flood problems, and was for a time located at Edmonton, Canada, while working on the Alcan Highway and other activities of the Corps of Engineers.

Carr stated that the establishment of the District Office Headquarters in Chico will have comparatively little effect at present upon the operation of the Bureau's Colusa office. Operations problems on the Sacramento River require considerable hydrological and other work which can be most economically performed by the field forces stationed at Colusa.

NOTICE

Within a few days the "Builder" will start to publish, as a regular feature, the building permits of $1000 and over that have been granted in the following locations: Unincorporated areas of San Mateo County, Redwood City, Menlo Park and San Carlos.

Even greater coverage will be announced shortly.

Col. George Mayo Host To Brazilian Army Engineers

A distinguished group of Brazilian military engineers headed by Brig. General Francisco Borges Fortes de Oliveira, Chief of Engineers of the Brazilian Army, was honored at a luncheon at the Presidio Officers' Club, Tuesday, given by their Bay Area host, Colonel George Mayo, Acting Pacific Division Engineer.

Among those on hand to greet the South American delegation were Major General Frank D. Merrill, Acting Commanding Officer, Western Defense Command; Brigadier General Philip G. Bruton, Division Engineer, Pacific Division; Colonel H. H. Galliett, Commanding Officer, Presidio of San Francisco, and Colonel Wm. F. LaFrenz, Commanding Officer, San Francisco Harbor Defense.

The Brazilion officers are in the United States at the invitation of the Chief of Engneers, U. S. Army, and will be accompanied throughout their visit by Colonel Wm. C. Bennett, Representative of the Chief of Engineers, Lt. Colonel W. M. Clemens, Member of the Joint Brazil-United States Military Commission, and Lt. Colonel L. G. King, Office, Chief of Engineers.

—#—

Pryne & Co., Inc. Re-Opens S. F. Branch Office

Pryne & Co., Inc., manufacturers of Electrical and Hardware Building Specialties, have re-opened a San Francisco Branch Office at 778 Natoma Street (near Howard), San Francisco 3, HEmlock 0886. They are represented by Ray H. McMillen and Lynne Stanley, both well known in the Bay area.

Production of "Pryanco" products is at present limited to three models of the "Blo-Fan" and three types of "Pry-Lites" (flush lighting fixtures). Electrical wholesale suppliers are now receiving these items on an allocated basis; however, full production of "Blo-Fans", "Prylites" and many other pre-war "Pryanco" products is assured as soon as the shortage of steel and component parts has been overcome.

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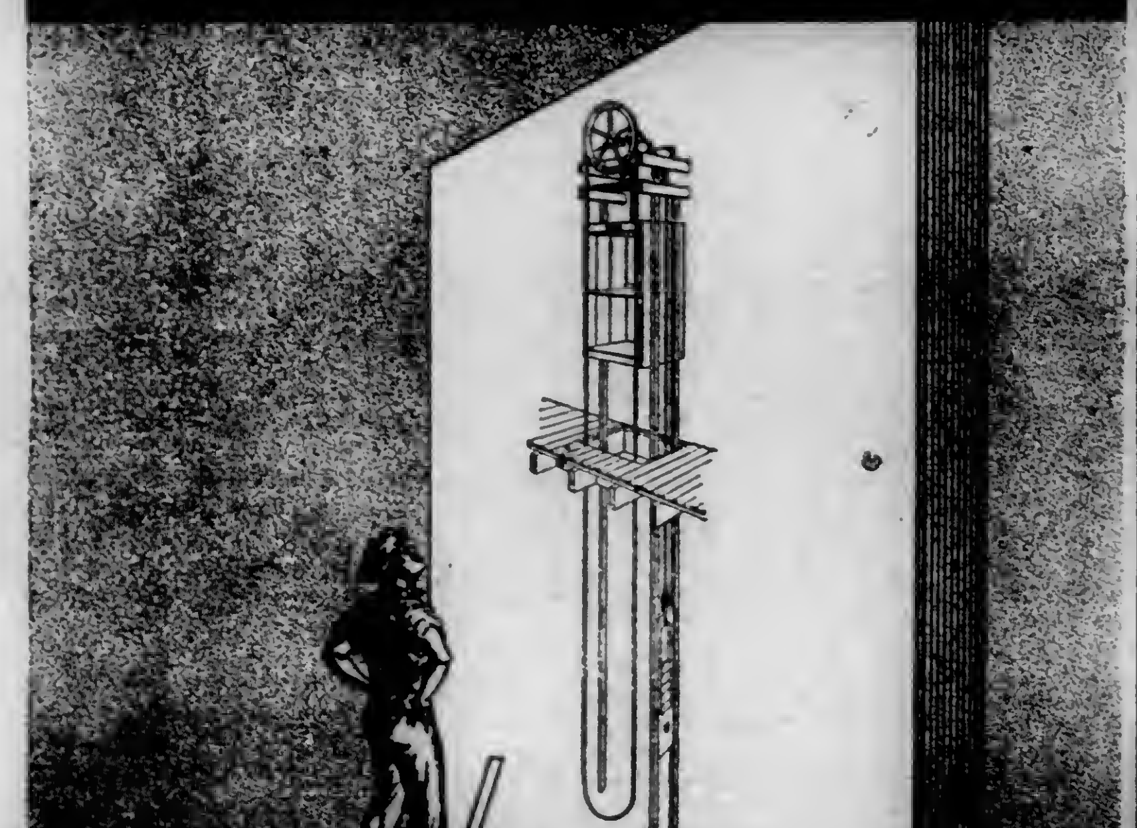

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OFFICIAL PROPOSALS

FIRST PUBLISHED TODAY

Highway Improvements—Santa Clara County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **March 13, 1946,** at which time they will be publicly opened and read in the Assembly Room of said building for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Santa Clara County, on Bayshore Freeway at Santa Clara Street in the City of San Jose (IV-SC1-68,2-SJs), a separation structure to be constructed and approaches about six-tenths (0.6) mile in length to be graded and surfaced with Portland cement concrete and asphalt concrete on crusher run base.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Skilled Labor	
Asphalt plant dryerman or fireman	$1.40
Asphalt paint mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.50
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity or paving type)	1.70
Electrician	1.70
Mechanical tamper and finisher operator (concrete or asphalt)	1.70
Motor grader operator	1.85
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	2.00
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.25
Pile driver hoistman or operator	1.85
Pile driver man	1.61
Plumber	1.625
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (8 cubic yards water level capacity or more)	1.50
Truck driver (6 cubic yards and less than 8 cubic yards water level capacity)	1.25
Intermediate Grade Labor	
Concrete vibrator operator	1.25
Headerboard man	1.375
Jackhammer operator	1.25
Oil distributor bootman	1.00
Oiler, power shovels or cranes	1.40
Truck driver (4 cubic yards and less than 6 cubic yards water level capacity)	1.10
Truck driver (less than 4 cubic yards water level capacity)	1.00
Unskilled Labor	
Flagman	1.00
Laborer	1.00

Positions not listed above will be allocated in accordance with the definitions which appear in the special provisions, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.25 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.00 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.00 per hour.

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal office or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposal to be done will be financed in whole or in part with Federal funds and that therefore all of the applicable Federal statutes, rules, and regulations will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifications regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications, regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (See said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated February 15, 1946
(Daily Pacific Builder)
(Feb. 15-22, Mar. 1, '46)

CHALMER MUNDAY
Attorney-at-Law - Notary Public
Bankruptcy, Mechanics' Liens,
Builders' Contracts
Financial Center Bldg. DO 4070

Highway Improvements—Solano Co. An existng ferry moored on the Sacramento River (X-Sol-100-A).

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, 1200 North Center Street, Stockton, California, until 2 o'clock P.M. on Feb. 19, 1946, at which time and place they will be publicly opened and read, for performing work as follows:

An existing ferry moored on the Sacramento River about 0.5 mile upstream from Rio Vista in Solano County (X-Sol-100-A) to be repaired.

Plans and specifications, and forms of proposal, bonds, and contract may be obtained at the above address.

No bid will be considered unless it is made on a proposal form furnished by the District Engineer, and is made in accordance with the provisions set forth under Section 2, "Proposal Requirements and Conditions" of the Standard Specifications. Each bid must be accompanied by a proposal guaranty in accordance with the requirements of article (f) of the said Section 2 of the Standard Specifications.

The Department of Public Works reserves the right to reject any or all bids.

The quantities listed in the State Highway Engineer's Estimate hereinafter stated, are approximate only, being given as a basis for the comparison of bids, and the Department of Public Works does not, expressly or by implication, agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work, or to omit portions of the work, as may be deemed by the Engineer to be necessary or advisable.

Bids are required on the entire work described herein.

The rates of wages, including overtime, holiday or Sunday rates, herein specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done at the site where the boat is to be left at the end of the work, to be as follows:

Classification	Rate per hour
Laborer	$1.00
Any classification omitted herein not less than	1.00

Overtime—one and one-half (1½) times the above rates. Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

STATE HIGHWAY ENGINEER'S ESTIMATE

Item 1. Dry-docking and delivering ferry.
Item 2. 4 thousand feet board measure miscellaneous timber.
Item 3. Miscellaneous repairs.
Item 4. 2,600 pounds miscellaneous iron and steel.
Item 5. 2,500 lineal feet caulking seams.
Item 6. Painting hull and superstructure.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCoy,
State Highway Engineer.
By PAUL O HARDING,
District Engineer, Dist. X.
Dated Jan. 31, 1946.
(Daily Pacific Builder)
(Feb. 8-15, 1946)

Highway Improvement—Monterey County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **March 6, 1946,** at which time they will be publicly opened and read, in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Monterey County, between 2 miles south of Salinas and Salinas (V-Mon-2-B), about one and nine-tenths (1.9) miles in length to be graded, paved with asphalt concrete on cement treated base and on existing surfacing, and plant-mixed surfacing to be placed on the shoulders.

Bids are required on the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Skilled Labor	
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.50
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity or paving type)	1.70
Mechanical tamper and finisher operator (concrete or asphalt)	1.70
Motor grader operator	1.85
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.4375
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.3125
Truck driver (8 cubic yards and less than 14 cubic yards water level cpacity)	1.25
Intermediate Grade Labor	
Concrete vibrator operator	1.25
Headerboard man	1.375
Jackhammer operator	1.25
Oil distributor bootman	1.00
Oiler power shovels or cranes	1.25
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.0625
Truck driver (less than 4 cubic yards water level capacity)	0.90
Unskilled Labor	
Flagman	1.00
Laborer	1.00

Positions not listed above will be allocated in accordance with the definitions which appear in the special provisions, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.25 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.00 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.00 per hour.

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, includng overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposed to be done will be financed in whole or in part with Federal funds and that therefore all of the applicable Federal statutes, rules, and regultions will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifications regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications, regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (See said Proposal Requirements and Conditions).

The Department or Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated February 8, 1946.
(Daily Pacific Builder)
(Feb. 8-15-22, 1946)

Highway Improvement—Alameda Co., in Oakland Between Distribution Structures and Seventh Street.

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **March 6, 1946,** at which time they will be publicly opened and read in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Alameda County, in Oakland, between Distribution Structures and Seventh Street (IV - Ala - 69 - Oak.), about one and four-tenths (1.4) miles in length, to be widened with Portland cement concrete pavement, and existing pavement to be resurfaced with asphalt concrete.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Carpenter	1.75
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity and paving type)	1.70
Concrete vibrator operator	1.25
Flagman	1.0625
Headerboard man	1.375
Jackhammer operator	1.25
Laborer	1.0625
Mechanical tamper and finisher operator (concrete or asphalt)	1.70
Motor grader operator	1.85
Oiler, power shovels or cranes	1.40
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	2.00
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.25
Renforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (8 cubic yards water level capacity or more)	1.625
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Any classification omitted herein not less than	1.0625

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same my be applicble to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans my be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the district in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law. (See said Proposal Requirements and Conditions.)

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated February 8, 1946.
(Daily Pacific Builder)
(Feb. 8-15-22, 1946)

Clearing the Rector Creek Reservoir Site in Napa County, Calif.

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION of WATER RESOURCES

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received at the office of the State Engineer, Room 401, Public Works Building, Sacramento, California, until 1:30 o'clock p. m. on **Wednesday, February 27, 1946,** at which time they will be publicly opened and read, in the same room of said building, for performing work in accordance with the specifications therefor, to which special reference is made as follows:

Clearing the Rector Creek Reservoir Site in Napa County, California.
State Engineer's Estimate

Item: Clearing the Rector Creek Reservoir Site of approximately 75 acres gross area in Section 17, 19, 20 and 21, T.7N., R.4W., M.D.B. & M.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per Hour
Choker Setter	$1.10
Hand Timber Faller	1.25
Head Choker Setter	1.25
Laborer	1.00
Machine (power-saw) Faller	1.35
Powderman	1.375
Tractor Operator	1.70
Truckdriver (8 c.y. water level cap. or more)	1.50
Truckdriver (6 c.y. and less than 8 c.y. water level cap.)	1.25
Truckdriver (4 c.y. and less than 6 c.y. water level cap.)	1.10
Truckdriver (less than 4 c.y. water level cap.)	1.00
Any classification omitted herein not less than	1.00

Overtime — one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen and guards)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal Officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is particularly directed to the provisions of Section 7 of the Standard Specifications published by the Department of Public Works, Division of Highways, in April, 1945, regarding the laws to be observed, and Section 8, article (b) of the Standard Specifications, regarding assignment of contract, and to Sections 4100 to 4108, inclusive, of the Government Code, State of California, regarding subcontracting and assignment of subcontracts.

Forms of proposal, bonds, contract and specifications may be seen and obtained at the office of the State Engineer, Public Works Building, Sacramento, California, and they may be seen at the office of the State Engineer, 803 California State Building, Los Angeles, and at the offices of the Associated General Contractors in San Francisco and Los Angeles.

A representative of the State Engineer's office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and contractors are urged to investigate the location, character, and quantity of work to be done with a representative of the State Engineer

No bid will be considered unless it is made on a blank form furnished by the State Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed as required by law. (See said Proposal Requirements and Conditions.)

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION of WATER RESOURCES
EDWARD HYATT,
State Engineer.
Dated February 8, 1946
(Daily Pacific Builder)
(Feb. 8-15, 1946)

Highway Imp.—Alameda County Bet. Warm Springs and Mission San Jose and Bet. Warm Springs and Centerville.

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p. m. on March 6, 1946, at which time they will be publicly opened and read in the Assembly Room of said building, for repairing portions of State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Alameda County, between Warm Springs and Mission San Jose, and between Warm Springs and Centerville (IV-Ala-5,69-C,A) about eight and three-tenths (8.3) miles in length, shoulders to be widened with imported borrow and surfaced with plant-mixed surfacing and penetration treatment.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per Hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.75
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity, and paving type)	1.70
Concrete vibrator operator	1.25
Flagman	1.0625
Jackhammer operator	1.25
Laborer	1.0625
Motor grader operator	1.85
Oiler power shovels or cranes	140
Operator of power shovel or other excavating equipment, shovel type controls (up to and including 1 cubic yard)	2.00
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.25
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (8 cubic yards water level capacity or more)	1.625
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Any classification omitted herein not less than	1.0625

Overtime: one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen): one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the district in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law. (See said Proposal Requirements and Conditions.)

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY
State Highway Engineer
Dated: February 8, 1946.

Highway Imp.—Solano County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p. m. on **February 27, 1946,** at which time they will be publicly opened and read in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Solano County, across Napa River at West City Limits of Vallejo (X-Sol-208-A) a bridge fender to be repaired.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Carpenter	$1.75
Electrician	1.70
Flagman	1.00
Laborer	1.00
Oiler power shovels or cranes	1.40
Pile driver hoistman or operator	1.85
Pile driver man	1.61
Tractor driver	1.70
Any classification omitted herein not less than	1.00

Overtime: one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen): one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (See said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer
Dated: February 1, 1946.
(Daily Pacific Builder)
(Feb. 1, 8, 15, 1946)

Highway Improvements—Contra Costa County

SECOND ADVERTISEMENT

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **February 27, 1946,** at which time they will be publicly opened and read, in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Contra Costa County, between Concord Avenue and four-tenths (0.4) mile west of Ohmer Station (IV-C.C-75,106-E,Cnd,C), about two and three-tenths (2.3) miles in length, to be graded and paved with Portland cement concrete.

Bids are required for the entire work described herein.

THIS IS A NATIONAL DEFENSE CONTRACT UNDER THE DEFENSE HIGHWAY ACT OF 1941

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Skilled Labor	
Asphalt plant mixer operator	$1.45
Asphalt spreading machine operator	1.75
Carpenter	1.75
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity)	1.70
Mechanical tamper and finisher operator (concrete or asphalt)	1.70
Motor grader operator	1.85
Operator of power shovel or other excavating equipment, shovl type controls (up to and including one cubic yard)	2.00
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.25
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (8 cubic yards water level capacity or more)	1.625
Truck driver (6 cubic yards and less than 8 cubic yards water level capacity)	1.3125
Truck driver (4 cubic yards and less than 6 cubic yards water level capacity)	1.1875
Intermediate Grade Labor	
Asphalt plant dryerman or fireman	1.40
Concrete vibrator operator	1.25
Headerboard man	1.375
Jackhammer operator	1.25
Oil distributor bootman	1.00
Oiler, power shovels or cranes	1.40
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Unskilled Labor	
Flagman	1.0625
Laborer	1.0625

Positions not listed above will be allocated in accordance with the definitions which appear in the special provisions, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.1875 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.0625 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.0625 per hour.

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable herto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposed to be done will be financed in whole or in part with Federal funds and that therefore all of the applicable Federal statutes, rules, and regulations will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifications regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications, regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (see said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated February 1, 1946.
(Daily Pacific Builder)
(Feb. 1-8-15, 1946)

REQUIRED READING

HOW MUCH BUILDING?

Construction Revival—Guide Signs to Peacetime Expansion and Prosperity. A Market Study by F. W. Dodge Corp. New York 18 (119 W. 40th St.), F. W. Dodge Corp. 1945. 11 by 8¼ in. 32 pp.

How much actual building will there be in the next decade? That is what everyone connected with the building field—and everyone interested in the national economy—naturally wants to know. Estimates by the carload have appeared, some of them based soundly on statistics, others amounting to little more than personal guesses or wishful thinking. This market study by the F. W. Dodge Corporation ,however, is really more than an estimate: springing from the company's own summary of work actually planned, it is an analysis of the building volume that can reasonably be expected during the next ten years.

"Construction revival has begun," the study states, "ushering in a return to normal peacetime competitive market conditions. As transition problems are surmounted, volume will snowball."

What are these transition problems? For architects and engineers: "securing adequate staffs of designers and draftsmen, adequate information on materials and equipment available for early use in urgent projects, information on new products and services." For builders and sub-contractors: "man-power, material supply, price and wage adjustments, possible transportation shortages. For material and equipment manufacturers: "reestablishment of orderly marketing service to the field; sales and production manpower; and (for an important minority) reconversion of plant facilities."

On May 31, 1945, when the company's statistical tabulation of V-day projects was discontinued, the Dodge records of postwar projects showed a total of 99,638 specific projects located in the 37 states east of the Rocky Mountains, the estimated cost of which totaled $15,746,202,000. Since June 1 "hundreds of millions of dollars in additional preliminary and design-stage projects have been reported and tabulated on a new basis as currently contemplated work."

The Dodge Corporation disagrees with the commonly expressed opinion that the volume of public work in blueprint stage is inadequate to meet the needs of the transition period. On the contrary, "unduly strong pressure to push public building and engineering work in the recovery period would create intense competition for men and materials and add to the inflation threat." As for private building, it is reasonable to assume, the study states, "that most private projects in the design stage are scheduled for sites already selected and either owned or controlled by option. For such projects bids can be taken and decisions made fairly quickly."

ARCHITECT AND AUTHORITY

The Local Housing Authority and the Architect. By Oliver C. Winston. Chicago 37, Ill. (1313 E. 60th St.), Public Administration Service, 1945. 7x10 in., 60 pp. 60c.

Subtitled "A Working Relationship in Planning a Public Housing Program and in Designing a Public Housing Project," this booklet stresses the importance of cooperation between the housing authority and the architect. Considerable emphasis is placed on the responsibilities of the housing authority before the architect starts to design — the establishment of basic requirements. Mr. Winston finds three phases in this working relationship: (1) planning the new over-all housing program; (2) preparing the architectural program; and (3) designing the project. In the first phase the main burden of the work falls logically upon the housing authority, with the architect's principal services of a consulting nature. In the second phase, too, the architect's contribution is chiefly advice — on site planning, dwelling types, community facilities; with the preparation of cost estimates and some technical assistance on the side. The third phase, of course, is almost wholly the architect's baliwick.

"If such an approach to design . . is adopted at the very beginning," Mr. Winston concludes, "it should be possible to avoid the unsatisfactory practice of having to prune, whittle and shave project designs . . Such an approach should lead to a more purposeful selection of planning criteria by the local housing authorities and to more disciplined use of design criteria by architects and engineers."

SHOPPING CENTERS

Planning Neighborhood Shopping Centers. By Marcel Villaneuva, A.I.A. New York 18 (512 Fifth Avenue), National Committee on Housing, Inc., 1945. 8½ by 11 in. 34 pp. illus. $1.00.

Here is a community planning study devoted entirely to the problems of the shopping center—its location, the number of stores required, parking spaces, and so on. Its chief value probably lies in the carefully worked out tables giving area requirements for stores of various types. While these requirements are purely theoretical, they serve as a working basis for planning, and they point up Mr. Villaneuva's conclusion that "most cities and towns are overbuilt with old and unwanted stores, and underbuilt with regard to new and desired shopping centers planned for our modern way of living."

FOR BETTER BUILDING
NEWS OF MATERIALS, EQUIPMENT AND METHODS

KITCHEN UNITS

Flexibility and adaptability are the goals of a new line of 12 steel steel kitchen units which can be bought separately or as a complete package, installed just as the housewife and the size of the kitchen demand. The line includes five types of sinks and sink cabinets, varying in width from 42 to 66 inches; six types of wall cabinets, ranging in width from 24 to 66 inches; and one type of base cabinet, 24 inches wide.

The same company offers a new Shelvador Refrigerator featuring maximum accessibility. Five food shelves are on the inside of the refrigerator door, providing storage space for bottles, eggs, fruits, processed foods. The Crosley Corporation, Cincinnati 25, Ohio.

§§

HEATING
ELECTRIC UNIT HEATERS

Under terms of a license granted by the Wesix Electric Heater Co., San Francisco, the Westinghouse Electric Corp. has acquired the right to use the basic principles involved in the design, construction and control of unit type electric heaters. Models comprising the new line will range from an easily protable 1250-watt, 110-volt floor unit to 4 kw, 220-volt floor and wall models. All of the 220-volt units will have built-in automatic thermostatic control The Westinghouse Electric Corp., Emeryville, Calif.

CIRCULATOR FAN

Designed to prevent cold floors, the new RECO Heat Circulator Fan blows upwards, the air traveling along the ceiling and down the walls, carrying the super-hot air with it and intermixing it with the room air, providing uniform temperature throughout the room. It is especially recommended for hard to heat rooms and rooms which are not constantly heated. Reynolds Electric Co., 2650 W. Congress St., Chicago 12, Ill.

§§

PHOSPHOR POWDER

A new phosphor powder similar to the powder used in present fluorescent lamps except that it changes the energy wavelengths to ultraviolet, makes possible two new types of lamp: a fluorescent type sunlamp and a germicidal lamp for use with poultry and animals.

Not yet available, the F-type Sunlamp will be made in 20- and 40-watt sizes identical in dimensions and electrical operating characteristics to present fluorescent lamps of the same wattages. The difference is in the special ultraviolet-transmitting glass which is coated inside with the phosphor powder. The lamp can be combined with existing fluorescent lamps in some present office, factory, home or store fixtures.

A thin coating of the phosphor powder on hte inside of 15- and 30-watt germicidal lamps combines germ-killing with ultraviolet energy. Not recommended for human use, the lamps are now available in limited quantities. General Electric Co., Bridgeport, Conn.

§§

WALL COVERING

A new wall covering called Congowall consists of a lustrous baked enamel surface in a cameo-like tile design on a special patented, flexible, water-resistant felt backing. According to the manufacturers, Congowall will not warp or shrink, buckle or bulge, crack or craze, chip off or peel; it is easily installed over any firm, smooth, dry surface, and is suitable for both new work and remodeling. Offered at present in five colors—peach, green black, blue and white. Congoleum-Nairn Inc., Kearny, N. J.

§§

ALUMINUM VENETIANS

Laboratory tests of an aluminum slat venetian blind just announced show a heat reduction of 75 per cent, the manufacturers report. One side of the slat is polished to reflect the heat, and the other side is satin finished to prevent the metal from absorbing heat. Dust and grease will not adhere to the treated metal. MacArthur Smith and Associates, 134 S. LaSalle St., Chicago 3, Ill.

§§

FARM QUONSET

A new type Quonset building—a cousin to the round-roofed Quonset of Navy fame—has been designed especially for rural utility purposes and now is in production.

The new, low-cost, packaged, all-steel building differs from the Navy Quonset in that it has a straight side. Designated the Quonset 24, this farm building has an unobstructed interior suited particularly for garage and storage of implements, tools and vehicles, or as an open-front loafing barn for animals.

The basic unit is 24 ft. deep and 12 ft. long. As may 12-ft. extensions as desired can be added to increase length. Sliding doors and section panels are available. Great Lakes Steel Corp., Stran-Steel Division, Penobscot Bldg., Detroit 26, Michigan.

§§

HOUSEHOLD ITEMS
RADIOS

Included in Westinghouse's new line of postwar home radio receivers are nine sets ranging from an ultra - modern 6-tube, 6 by 6 by 9 in. portable table model to a 14-tube radio-phonograph combination set housed in a modified Chippendale console cabinet and equipped to receive standard broadcasts, foreign shortwave broadcasts and frequency modulation programs. Television receivers will be ready for the market early next year.

Fourteen models, ranging from small plastic table models through portables, radio-phonograph combinations in both table models and consoles, and full - sized console furniture model radios, comprise the new Stewart - Warner line. New and exclusive features of all sets include the radair antenna, a built-in loop designed to pick out faintest signals but to repel static nterference, and a signal sentry, a device to eliminate fading and to bar unwanted hum or other noises. An automatic record changer, operated with only one control, is incorporated in the radio-phonograph combinations.

REFRIGERATORS

Three 7-ft. models and one 9-ft. model are on the 1946 Kelvinator production schedule. Topping the line is the new Moist Master, a triple range unit with special provisions for freezing and storing frozen foods, for the safe-keeping of foods of high moisture content, and for general storage of all average foods. In effect a combination refrigerator and frozen food chest, the new unit has a freezer capacity of approximately 9 lbs. of ice cubes, and more than 35 lbs. of packaged frozen foods. Kelvinator Division, Nash - Kelvinator Corp., Detroit 32, Mich.

§§

NEW BUILDINGS
PAPER GOODS PLANT

Construction of a new plant to house The American Paper Goods Company's midwestern operation has been started by The Austin Company in Chicago.

The new building was especially designed by Austin to accommodate new high-speed presses and machinery for the production of ice cream containers, beverage cups, specialty bags and other products. It will be one-story, with welded steel frame, brick exterior and continuous sash in side walls and monitors. Air conditioned offices at one side of the principal facade will be balanced by truck loading docks on the other.

PLASTICS LABORATORY

Plans for a new plastics laboratory at its Parlin, N. J., plant have been announced by Hercules Powder Company. The laboratory will serve as headquarters for the company's development and research work on plastics. It will have facilities for compounding finished plastics for testing, and will be set up in such a way that customers who buy basic materials from the company can see new techniques applicable to their work demonstrated, and can work with the laboratory chemists on their processing problems. Plans include several constant - temperature rooms in which plastics qualities can be tested under conditions specified by customers. Both cold and heat tests will be possible, with the temperatures in the testing rooms ranging from minus 70 degrees to plus 180 degrees F.

The building will be T-shaped, with the head of the T one story high and the leg two stories high. Laboratories will be located on both floors. Offices, a conference room and high-temperature equipment will be on the second floor, while cold - storage rooms, electrical equipment rooms and a machine shop will be on the first floor. Walls will be tile-lined, floors concrete. Air will be filtered to insure freedom from contamination by dust and dirt. All electrical equipment will be explosion-proof.

OFFICES ADDITION

E. I. duPont de Nemoures & Co., Inc., has announced plans for the construction of an 18-story third section to the Nemours Building in Wilmington, Del. The building will be completely air conditioned. Voorhees, Walker, Foley and Smith are the architects, with Frederick A. Godley as associate; the contract has been awarded to the Turner Construction Co.

WEAVING PLANT

The Lumite Division of Chicopee Mfg. Corp. of Georgia has announced plans for a new weaving plant at Cornelia, Ga., for which ground was broken late in October.

A one-story building of modern design, the plant will be devoted exclusively to the weaving of Lumite plastic fabrics, is expected to be in operation early in 1946. L. W. Robert & Co., of Atlanta, are the engineer - designers: Daniel Construction Co., Greenville, S. C., the contractor.

§§

STANDARDS
LIGHT GAGE STEEL

Research which the Committee on Building Codes of American Iron and Steel Institute has been sponsoring since 1939 at Cornell University has provided sufficient data for presentation soon to the engineering profession in a specification for the design of light gage steel structural members, it has been announced. When available, the specification will provide a basis upon which to design with light gage sheet and strip steel. It will include provisions which distinguish between the behavior of stiffened and unstiffened flanges and their relative load carrying capacities.

DIMENSIONAL COORDINATION

The American Standards Association has approved an American Standard on the basis of which building materials and equipment of coordinated sizes and dimensions will be made available to construction operations. and building plans and details can be correlated with such dimensions.

The new standard is A62.1-1945, American Standard Basis for the Coordination of Dimensions of Building Materials and Equipment. Also approved is A62.2 - 1945, American Standard Basis for the Coordination of Masonry.

Project A62 was organized by the A.S.A. in 1939, with The American Institute of Architects and The Producers' Council, Inc., as joint sponsors.

RESIDENTIAL BOILERS

A code for rating and testing oil-fired residential steel boilers and for rating commercial boilers has been issued by Steel Boiler Institute, Inc., requiring oil-fired residential boilers up to 3,000 sq. ft. net rating to show at least 70 per cent over-all efficiency by evaporation test when operating at 150 per cent of net rating.

Even though test results are attained better than the prescribed minimum requirements. net ratings in sq. ft. of steam shall be limited to 17 times the sq. ft. of heating surface in a mechanically-fired residential boiler. A.S.M.E. Boiler Code construction is required.

CLAY SEWER PIPE

Printed copies of Simplified Practice Recommendation R211-45, Clay Sewer Pipe and Fittings, are now available from the Superintendent of Documents, Government Printing Office, Washington 25, D. C., for 10 cents each.

The recommendation lists the variety of standard - strength and extra-strength pipe and fittings to be considered as stock items.

STOCK FIR DOORS

Commercial Standard for Old Growth Douglas Fir Standard Stock Doors (3rd Edition), CS73-45, is now a recorded standard of the industry, effective for new production from Sept. 20, 1945.

§§

WATER COOLER

Pressure bubbler and bottle-type electric water coolers just announced, are powered by Kelvinator and built with one-piece stainless steel cabinets and one-piece stainless steel tops. They are removable without tools, can be operated by foot pedal from sides or front. Said to be the first water cooler to provide sanitary protection against water from the mouth returning to the jet, and the first bottle-type cooler with a fully enclosed and refrigerated bottle. The Coolstream Corp., 55 W. 42nd St., New York 18, N. Y.

Manufacturers' Literature

COPPER CONSTRUCTION

Research Solves Problem of Stress Failures in Sheet Copper Construction. A report on two years of research into the behavior of copper installations, with specific recommendations for design an construction methods directed toward the elimination of stress failures. Includes 30 detail sheets showing methods of installation and some of the basic principles in the use of sheet copper. Diagrammatic drawings of parapet walls, seam roofing, open valleys for slopes, fascia gravel stops, built-in gutters, covers over expansion joints, etc. 96 pp., illus. Revere Copper and Brass, Inc., 230 Park Ave., New York 17, N. Y.*

FIBER BOXES

Vs-Boxes. A report on the weatherproof solid fiber box, including a description of wartime uses and various tests used to insure its quality. 16 pp., illus. Container Testing Laboratories, Inc., 45 E. 22nd St., New York, N. Y.

HANGARS

Low Cost Housing for Small Airplanes. Basic ideas on the layout and construction of individual wood hangars in single and multiple units, wood repair shops and large commercial hangars. Offers 10 reasons why wood hangars are thrifty. 8 pp., illus. Timber Engineering Co., 1319 18th St., N.W., Washington 6, D. C.

HARDWARE

Solid Brass and Bronze Hardware. A description of Mount Vernon and Monticello and their solid brass hardware fixtures; examples of modern brass and bronze hardware. 16 pp., illus. Copper & Brass Research Assn., 420 Lexington Avenue, New York 17, N. Y.

HEATING

A Step Ahead in Hospital Heating (Bulletin No. 633). A description of differential heating and how it works; cost analysis; typical installations in hospitals. 24 pp., illus. C. A. Dunham Co., 450 East Ohio St., Chicago 11, Ill.*

INSULATION

Foamglas Insulation forTanks. The method to be used in installing Foamglas for the insulation of high temperature tanks, towers and ducts. Specifications and details, table of block sizes. 24 pp., illus. Pittsburgh Corning Corp., 632 Duquesne Way, Pittsburgh 22, Pa.*

LIGHTING

Engineered Lighting and Contral Equipment (Catalog No. 945). A condensed catalog, with photographs and detail drawings, specifications and engineering details. Equipment listed includes stage lighting, exit and directional signs, indirect and built-in lighting, fluoescent troffers, stage switchboards. 10 pp., illus. Hub Electric Corp., 2219-22 W. Grand Ave., Chicago 12, Ill.

G-E Slimline and Circline Lamps Seen in Many Roles. The use of the two types of fluorescents in store design. Diagrams and sketches of store interiors, special display units, and store lighting fixtures. 12 pp., illus. General Electric Co., Nela Park, Cleveland 12, Ohio.*

MEMORIAL TABLETS

Bronze Honor Rolls. Descriptive circulars featuring the Willard "Add-a-Name" type of cast bronze honor roll tablet. 6 pp., illus. The Willard Bronze Co., 3608-16 Colerain Ave., Cincinnati 28, Ohio.

PLASTICS

Plexiglas Design Manual. Design methods for arylic plastics. Complete with diagrams and illustrations of various products. 56 pp., illus. Rohm & Haas Co., Washington Square, Philadelphia 5, Pa.*

Forming Articles from Extruded Tenite Sheeting. Nine primary operations in the fabrication of sheet plastic articles, and the equipment which may be used. Includes several diagrams of equipment. 12 pp., illus. Tennessee Eastman Corporation, Kingsport, Tenn.*

SILICONES

Dow Corning Silicones, New Engineering Materials. Catalog listing all of the silicone products now available, and presenting many industrial uses. Contains charts and graphs demonstrating the properties, tables of physical characteristics, etc. 12 pp., illus. Dow Corning Corp., Midland, Mich.

STEEL

In War . . . In Peace, Republic Enduro Stainless and Heat-Resisting Steels (Adv. 430). The war applications of Enduro steels, and suggestions for their translation into peacetime terms. 32 pp., illus. Republic Steel Corp.. Advertising Division, 3100 E. 45th Ave., Cleveland 4, Ohio.*

Know your Steel When You Build or Remodel. The uses of special - purpose sheet steels in building construction, built-in equipment and appliances. 24 pp., illus. The American Rolling Mill Co., 1717 Armco Ave., Middletown, Ohio.*

STEEL BOILERS

Standard Electric-Welded Steel Boilers (Bulletin No. S-67, 5th ed.) Full information including diagrams and specifications and dimension tables. 8 pp., illus. The Brownell Co., 430 N. Findlay St., Dayton 1, Ohio.

High Pressure Heavy Duty Firebox Steel Boilers (Catalog 96). Illustrates and describes with fully detailed tabulations and diagrams three series of steel riveted firebox boilers. 20 pp., illus. Kewanee Boiler Corp., Kewanee, Ill.*

TURBINES

The Gas Turbine Power Plant Now a Reality. History and features of the gas turbine. 20 pp., illus. Elliott Co., Jeannette, Pa.

WATER HEATERS

Nema Standards for Electric Water Heaters. Practical information on performance, rating, testing and manufacture of electric water heaters. Includes schematic diagram showing standard connections and color coding. 8 pp. National Electrical Mfgrs. Assn., 155 E. 44th St., New York 17, N. Y. 25 cents.

Test Specifications, Automatic Electric Storage Water Heaters. Intended to establish a uniform testing procedure to make possible the determination of the performance of electric storage water heaters in terms of safety, effectiveness, durability and convenience. 10 pp. National Electrical Mfgrs. Assn., 155 E. 44th St., New York 17, N. Y. 50 cents.

VENTILATION

Put the Wind to Work. Bulletin on the "Agitair" air exhauster. Typical applications, engineering data selecting the proper size, location principles. 10 pp., illus. Air Devices, Inc., 17 E. 42nd St., New York 17, N. Y.

WINDOWS

The Ultimate in Modern Ventilation and Vision. Descriptive folder on an aluminum package window unit. Gives specifications and installation details. 4 pp., illus. Watco Engineering, Inc., 2200 Scranton Road, Cleveland 13, Ohio.

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* Other product information in Sweet's File, 1945.

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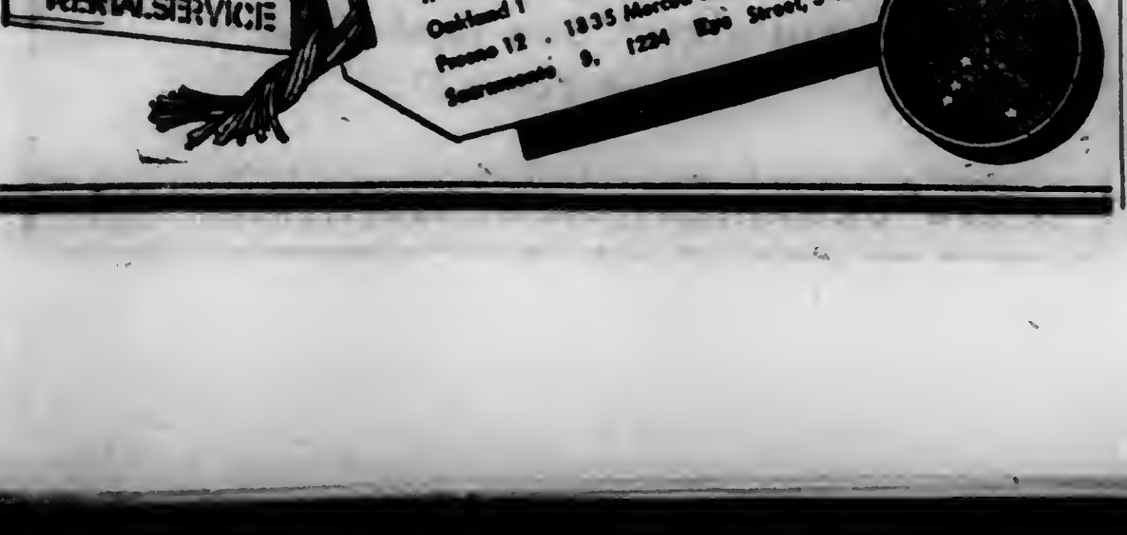
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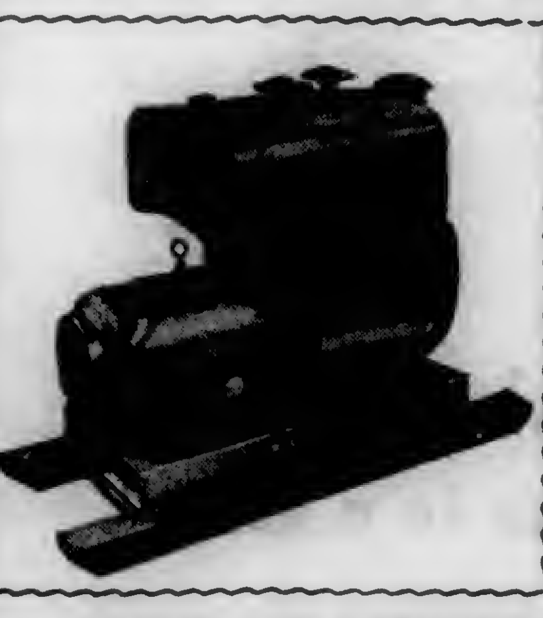

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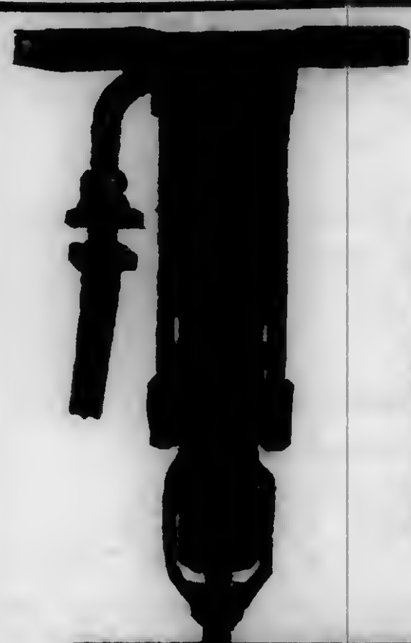

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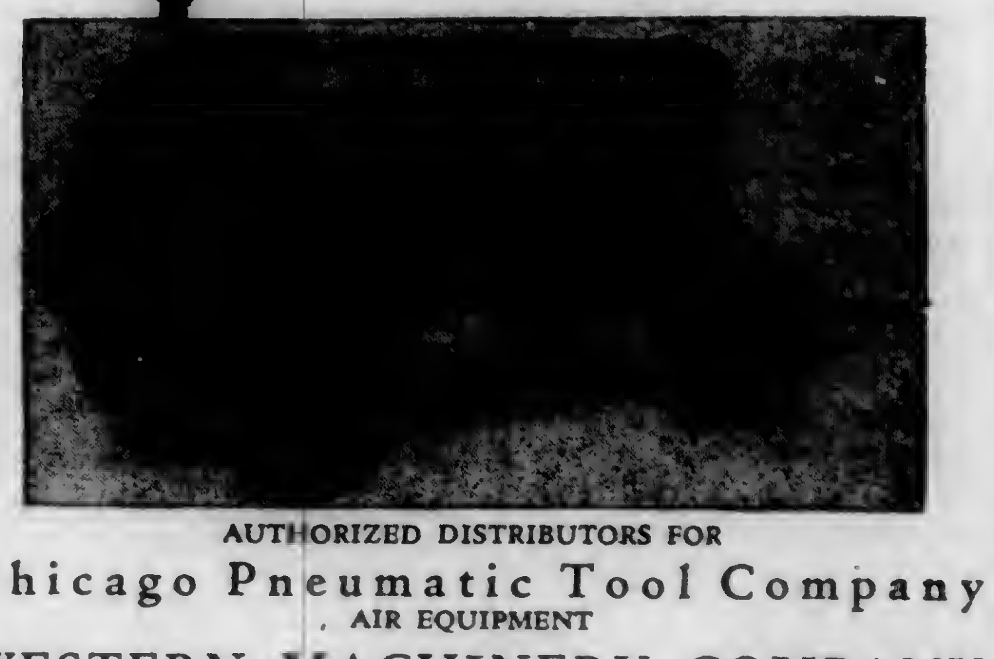

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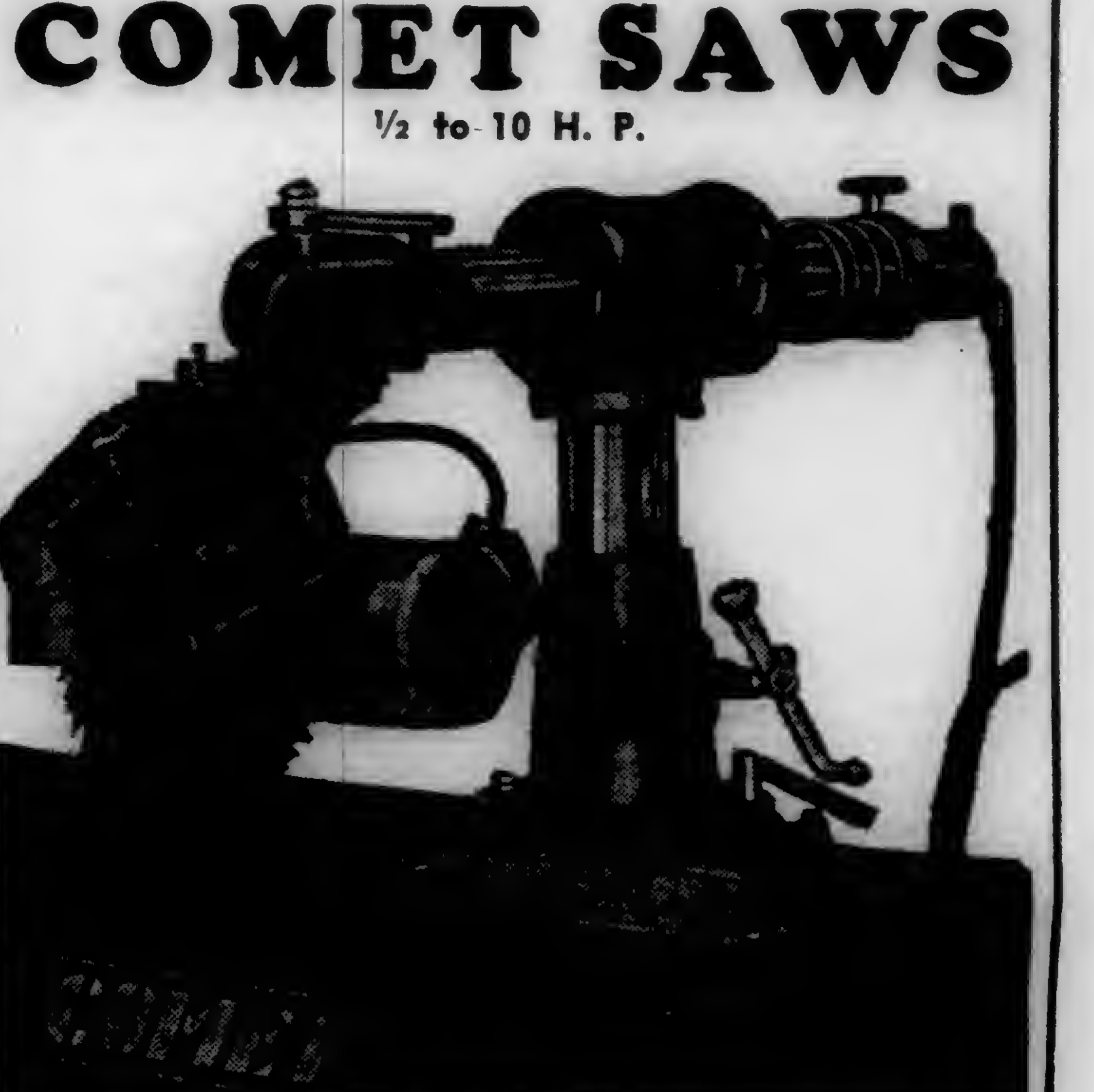

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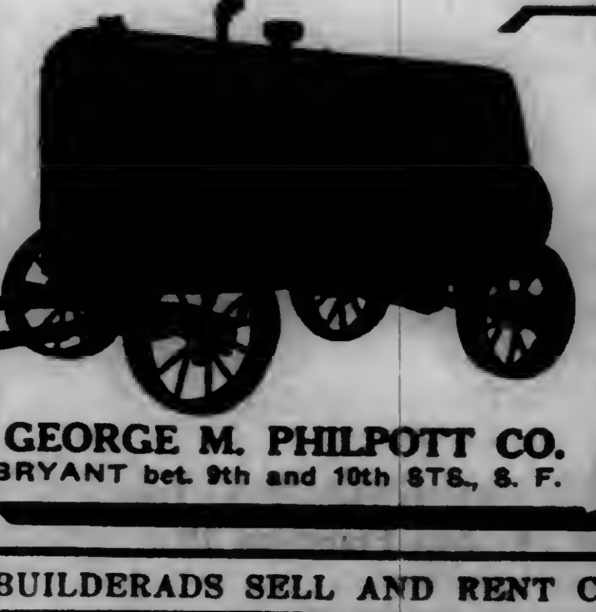

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BUILDING SECTION

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1-8—COMMERCIAL BLDGS.

2/15/46 • 3
WORK UNDER WAY
WAREHOUSE Est. Cost, $350,000
FRESNO, Fresno Co., Calif. Church and East Aves.
Construction of storage warehouse (640x200 ft.), 20 loading doors, special conveyor system to be installed to handle wine cases.
Owner—Roma Wine Co., Church and East Aves., Burton B. Turner, president.

2/15/46 • 4
BIDS OPENED
OFFICE AND WAREHOUSE
PORTLAND, Ore. NW. 15th and Lovejoy Sts.
Construction of two-story reinforced concrete office-warehouse (150x100 ft.), with sales office, drive-in warehouse space, dumb-waiter shaft, freight elevator, store and messroom on first floor and four private offices, general office, bookkeeping department, storeroom, display room, employees' kitchen, sewing room, restrooms on second floor.
Owner—Northern School Supply Co., 1501 NW. Kearny.
Architect—Pietro Belluschi, 2040 SW. Jefferson St.
Low Bidder — Waale-Camplan Co., 2100 SW. Jefferson Ct., $118,888.
Other bidders were:
Ralph & Horwitz, $125,300.
George Isackson, $137,400.
Ross B. Hammond, $140,000.
Clarence Gilmer, $148,233.
Wegman & Son, $148,575.
W. C. Smith, Inc., $157,500.

2/15/46 6
WORK NEAR COMPLETION
STORE Cost, $60,000
STOCKTON, San Joaquin County, Calif. 17-23 S. California St.
Construction of two-story and basement department store building; elevator, air conditioning, to be known as "Tilton's."
Owner—S. J. Stoloff, manager, 724 N. Baker St., Stockton.
Architect—Vincent Buckley, 110 Sutter St., San Francisco.
Contractor—L. & E. Emanuel, 2665 Jones St., San Francisco.
The store will open March 1.

2/15/46 • 6
SEGREGATED BIDS WANTED—TO BE OPENED FEB. 23, 10:30 A.M.
ALTER BUILDING
SAN FRANCISCO. Northeast corner 7th Ave. and Clement St.
Alterations and additions to building involving elevator shaft construction, stucco exterior, electrical and plumbing work.
Owner—Withheld
Architect—Leonard Mosias, 255 California St.
Segregated bids are being received by the architect.

9-10—EDUCATIONAL BUILDINGS

2/15/46 • 10
BIDS OPENED
SHOPS BUILDING
SAN MATEO, San Mateo Co., Calif. Peninsular Ave. and Delaware St.
Completion of the general construction of the shops building on the junior college site.
Owner — San Mateo Junior College District, business office, San Mateo Junior College Science Bldg., San Mateo.
Architect—Harry A. Thomsen Jr., 315 Montgomery St., San Francisco.
Low Bidder—C. L. Wold Construction Co., Ltd., 4412-16 Fulton St., San Francisco, $69,900.
Complete bids were:
C. L. Wold Construction Co., Ltd., Sna Francisco, $69,900.
Monson Bros., San Francisco, $70,665.
MacDonald, Young & Nelson, San Francisco, $75,020.
James I. Barnes Construction Co., San Francisco, $75,100.

2/15/46 9
BOND ISSUE CONTEMPLATED
SCHOOL BLDGS. Cost, $17,000,000
SAN FRANCISCO.
Completion of Lincoln High School; construction of a new junior high school in the Sunset District, and extension of San Francisco Junior College.
Owner — City and County of San Francisco, Board of Education, Civic Auditorium.
The Board of Education has announced a bond issue up to $8,500,000 will be necessary to finance the School Department's postwar construction program, in addition to $1,500,000 annually for five years the board will place in its budget.

2/15/46 • 9
BIDS WANTED—TO BE OPENED MARCH 6, 2 P. M.
ELEMENTARY SCHOOL
Estimated Cost, $270,000
SUNNYSIDE, Wash. Near Lincoln Grade School.
Construction of brick and hollow tile elementary school building to contain 12 classrooms, cafeteria, library, assembly room, auxiliary rooms; concrete flooring, built-up roof, foundations supported on piling.
Owner—School District No. 201, Angelo Giaudrone, clerk, High School, Sunnyside, Yakima County, Wash.
Architect — Walter H. Rothe, 333 Liberty Bldg., Yakima, Wash.
Consulting Engineer—DeWitt C. Griffin & Associates, 717 Lloyd Bldg., Seattle, Wash.
Separate bids will be received for general construction, plumbing and heating and electrical work.
Plans and specifications obtainable from the architect's office upon deposit of $25.

2/15/46 • 10
LIBRARY BUILDING PROGRAM
Estimated Cost, $2,062,500
SEATTLE, Wash.
Construction of new main branch library to cover entire block, enveloping old building, which will be remodeled; main entrance to be on 5th Ave., estimated cost, $650,000; new Capitol Hill branch, probably at Henry site, 1117 Harvard N. on property donated to Seattle Public Library, estimated cost, $80,000; new South End branch, probably in Georgetown, estimated cost, $55,000; new Greenwood-Phinney branch, site unselected, estimated cost, $90,000; new Ballard branch at 2026 Market St., estimated cost, $100,000; new Ravenna Hill branch, no site selected, estimated cost, $87,500.
Owner—Seattle Public Library, John S. Richards, head librarian, 4th and Madison Sts.
Architect—John Paul Jones of Bebb & Jones, Hoge Bldg.

2/15/46 • 9
BIDS WANTED—TO BE OPENED MARCH 6, 8 P. M.
SCHOOL BUILDINGS
EL CERRITO and RICHMOND, Contra Costa County, Calif. Castro School, located on Northwest corner Donal Ave. and Lawrence St. in El Cerrito, and the Alvarado School, located at northwest corner of Placer and Sutter Sts., in Richmond.
Construction of two school buildings to be bid upon in one lump sum bid. The buildings to be of concrete, frame and stucco construction, each to contain eight classrooms, kindergarten and general utility rooms, also a basement under a portion of one end of building.
Owner—Richmond Union School District, Walter F. Helms, superintendent of schools, Administration Bldg., 1108 Bissell St., Richmond.
Architects—Dragon & Schmidts, 2068 Allston Way, Berkeley.
Bids will be received in the Administration Bldg.
Plans and specifications may be obtained from the architect's office upon deposit of $20.

2/15/46 • 10
NEW COLLEGE CAMPUS
Estimated Cost, $4,000,000
SAN FRANCISCO. 19th Ave and Holloway St., 60-acre tract near Lake Merced.
Construction of new college campus to include 11 classroom buildings and two large dormitories, gymnasium containing swimming pool and basketball court with seating capacity for 2000; music, radio, drama and speech building; fine arts and home economics building, and building for visual and industrial education.
Owner—San Francisco State College, Dr. J. Paul Leonard, president, 124 Buchanan St.

11—HOSPITALS

2/15/46 11
BIDS WANTED—TO BE OPENED FEBRUARY 25, 2 P. M.
UNDERPASS
PORT ORCHARD, Wash.
Construction of concrete underpass connecting Kitsap County Courthouse and County Detention Home, 8-in. brick wall approximately 100-ft. long, 35 ft. underpass and improvements to courthouse grounds.
Owner—Kitsap County Commissioners, Courthouse, Port Orchard, Wash.
Architect—B. H. Branch, 2616 E. 11th St., Bremerton, Wash.

2/15/46 11
CONTEMPLATED
HOSPITAL BUILDING PROGRAM
Estimated Cost, $2,500,000
SEDRO-WOOLEY, Wash.
Construction of new hospital buildings, including recreational hall, commissary additions, men's wards, women's wards, ball field with grandstand, 12 indicidual cottages, employees' cottages, dining room, kitchen and freezing system.
Owner—Northern State Hospital, W. R. Allhands, business manager, Sedro-Wolley.
Architects—Naramore, Bain, Brady & Johanson, Dexter Horton Bldg., Seattle, Wash.

2/15/46 11
PLANNED
HOSPITAL Est. Cost, $161,481
EXETER, Tulare County, Calif.
Construction of Exeter Municipal Hospital, brick veneer with concrete tiled floor.
Owner—Hospital Association, Board of Directors, Harold Anderson, chairman, Exeter.

12-13—INDUSTRIAL BUILDINGS

2/15/46 • 13
BIDS WANTED—TO BE OPENED FEBRUARY 23, 10 A. M.
BOILER Cost, $20,000
SAN JOSE, Santa Clara Co., Calif.
Furnish and install one 500 h.p. high-pressure steam boiler.
Owner—U. S. Products Corp., Ltd., Race and Moorpark Ave., San Jose.
Engineer—G. M. Richards & Associates, 333 Kearny St., San Francisco.
Specifications obtainable from the office of the engineer on Feb. 16.

2/15/46 • 13
PLANNED
RADIO STATION
MENLO PARK, San Mateo County, Calif. Between southern boundary of Menlo Park and north boundary of Palo Alto.
Construction of 800-kilocycle low-power broadcasting station, broadcasting tower 250 feet light, Spanish type architecture.
Owner—Millard R. Kibbe, 3862 Magnolia Dr., Palo Alto.
An application for permission to erect the station will be considered at a hearing by the Planning Commission today.

14-17—PUBLIC BLDGS.

2/15/46 • 16
PLANNED
THEATER
ANTIOCH, Contra Costa Co., Calif. Corner of Tenth and G Sts.
Construction of theater to seat 800.
Owner—George Stamm, 501 B St., Antioch.

2/15/46 15
BOND ELECTION
WAR MEMORIAL BUILDING
Estimated Cost, $30,000
PINOLE, Contra Costa Co., Calif.
Construction of a recreational war memorial building, landscaping of the public park and laying of sewer lines in two sections of the city.
Owner—Pinole City Council, Pinole, Calif.
The City of Pinole will vote April 9 on a proposal to issue bonds in amount of $30,000, proceeds of which will be used to finance above construction.

2/15/46 • 15
ARCHITECT SELECTED
CIVIC CENTER $300,000
SAN BRUNO, San Mateo Co., Calif. Linden Blvd. and west side of El Camino Real.
Construction of two-story civic center of Spanish type architecture (538x515x171 ft). The building will provide facilities for a city hall, a library, police headquarters, jail, and central fire station, county branch courthouse and ambulance station.
Owner—City of San Bruno, Edward McGuire, mayor, City Hall.
Architect — Richard M. Bates, 950 Baileyana Rd., Hillsborough.
The architect has started preliminary plans.

2/15/46 • 16
BIDS WANTED
SAFFORD, Ariz.—Until March 13, 2 P .M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, Calif., for new elevator cables at U. S. Post Office, Safford, Ariz.
Plans and specifications obtainable from the above office of the district engineer.

2/15/46 • 16
BIDS WANTED
PAYETTE, Idaho.—Until March 6, 2 P. M., bds will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for exterior painting and miscellaneous repairs at U. S. Post Office, Payette, Idaho.
Plans and specifications obtainable from the above office of the district engineer.

BUILDINGS 18-19—RELIGIOUS BLDGS.

2/15/46 • 19
PLANNED
PARISH YOUTH CENTER
Estimated Cost, $10,000
VISALIA, Tulare County, Calif. N. Garden St.
Construction of parish youth center adjacent to church.
Owner — St. Mary's Church, Rev. Charles O'Mahoney, Visalia.
Architect—David H .Horn, 235 Rowell Bldg., Fresno.
A campaign is now under way to raise funds.

2/15/46 19
PLANNED
EDUCATIONAL BUILDINGS
Estimated Cost, $50,000
BURLINGAME, San Mateo County, Calif. On El Camino Real site.
Construction of educational building to provide additional space for Sunday school and youth movement meeting places.
Owner—First Baptist Church of Burlingame, 825 Fairfield Rd., Burlingame

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(2/13-14-15-16(19)

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WANTED

WORK FOR D 8 TRACTORS, CARRYALLS and TERRA COBRAS. Phone Stockton [illegible]. tf

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Outdoor Gunnery Range Spec. 17507, NOy 13346	Crows Landing	2-26
Automobile and Appliance Bldg. Geary Blvd. and Blake Street	San Francisco	2-26

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Tank Truck Loading Fac., Standard Oil, Richmond; Bids open Feb. 18, Noon
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980
Barrett & Hilp. 918 Harrison St., San Francisco (DOuglas 0700).

Superstructure, Shop Bldg. No. 411. Shipfitters and Boilermakers Shop, San Francisco Naval Shipyard; Bids open February 21, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
A. Farnell Blair, 9 Main St., San Francisco (YUkon 0390)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co. 923 Folsom St., San Francisco (SUtter 3440).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)

Warehouse, Standard Oil Co., 7th and Irwin Streets, San Francisco; Bids open February 15.
Robert McCarthy Co., 1050 Kirkham St., San Francisco (OVerland 4050)
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624).
E. S. McKittrick Co., 610—16th St., Oakland (TWinoaks 5070)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Fred J. Early Co., 369 Pine Street, San Francisco (SUtter 1731).
Haas Constr. Co., 326 Merchants' Exchange Bldg., S. F. (EXbrook 1205)
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)
Clinton Constr. Co. 923 Folsom St., San Francisco (SUtter 3440).

Auto Sales and Service Bldg., San Francisco; Bids open February 18
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Peter Sorensen, 927 Arguello St., Redwood City (Redwood 2212).
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8061)

Theatre Bldg., Salinas; Bids open February 15, 4 P. M.
Erbentraut & Summers, 446—6th St., San Francisco (MArket 8310)
Carl N. Swenson Co., 355 Stockton Ave., San Jose (BAllard 2602)

Chevrolet Agency, San Rafael; Bids open February 15, 5 P. M.
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).

Outdoor Gunnery Range, NAAS, Crows Landing; Spec. 17507; Bids open February 26, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Patrick M. Sofarelli, 20337 Anita Ave., Hayward (Hayward 806).
Henry Arian, 4142 Geary Blvd., San Francisco (BAyview 5797)

Residence for San Francisco Theological Seminary, San Anselmo; Bids open February 21, 3:00 P. M.
B. & R. Constr. Co., 268 Market St., San Francisco (DOuglas 7516).
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., San Francisco (MIssion 1490)
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).

Krieger Automotive and Sales Bldg., Geary and Blake, San Francisco; Bids open February 26, 3 P. M.
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., San Francisco (MIssion 1490)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Empire Constr. Co., 344 Harriet Street, San Francisco (HEmlock 3400)
Midstate Constr. Co., 1299 Bush St., San Francisco (ORdway 4638)

Industrial Bldg., Tennessee near 20th St., S. F.; Bids open Feb. 19, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
E. S. McKittrick Co., 610—16th St., Oakland (TWin Oaks 5070).

Store Bldg., University YMCA, Berkeley; Bids open Feb. 26, 2 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)

Store Bldg., Broderick St., Oakland: Bids open Feb. 26, 2 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)

Richland Elementary School District, School Bldg., Shafter; Bids open February 27, 7:30 P. M.
Guy E. Hall, 1326 30th St., Bakersfield (Bakersfield 88695)
Rademann-Giusto, 40 Ringold Street, San Francisco (MArket 8151).

Hell Equipment Co. Bldg., 963 Harrison St., S. F.; Bids open Feb. 19
Monson Brothers, 475 Sixth St., San Francisco (DOuglas 5357)

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ADVANCE CONSTRUCTION REPORTS

2/15/46 19
PLANNED
CHURCH Est. Cost, $100,000
SOUTH SAN MATEO, San Mateo County, Calif.
Construction of new Lutheran Church
Owner—Lutheran Church of Burlingame, 1505 Sherman Ave., Burlingame.

2/15/46 19
PLANNED
PAROCHIAL SCHOOL Cost, $40,000
SOUTH SAN MATEO, San Mateo County, Calif.
Construction of parochial school.
Owner—Lutheran Church of Burlingame, 1505 Sherman Ave., Burlingame.

2/15/46 19
PLANNED
CHURCH WING Est. Cost, $50,000
BURLINGAME, San Mateo County, Calif.
Construction of new wing or annex building proper.
Owner—First Methodist Church of Burlingame, Howard Ave. and El Camino Real, Burlingame

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2/15/46 19
PLANNED
CHURCH Estimated Cost, $50,000
SAN MATEO COUNTY, Calif. Site somewhere between 9th and 20th Aves.
Construction of church building.
Owner—San Mateo First Methodist Church, 308 E. Santa Inez, San Mateo.

2/15/46 19
PLANNED
ADDITION TO CHURCH
Estimated Cost, $150,000
SAN MATEO, San Mateo County, Calif. Balboa St. and Easton Dr.
Construction of addition to Burlingame Presbyterian Church.
Owner — Burlingame Presbyterian Church, Dr. Herbert Booth Smith, pastor, 959 Jackling Dr., Hillsborough.

2/15/46 19
PLANNED
ADDITION TO PARISH HOUSE
Estimated Cost, $35,000
SAN MATEO, San Mateo County, Calif. St. Matthew's Episcopal Church of San Mateo.
Construction of addition to the parish house, new classrooms, new kitchen and offices.
Owner — St. Matthew's Episcopal Church of San Mateo, Baldwin and El Camino Real, San Mateo.

2/15/46
PLANNED
PARISH HOUSE Est. Cost, $50,000
BURLINGAME, San Mateo County, Calif. Occidental Ave. side, south towards Chapin Lane.
Construction of parish house, English style architecture.
Owner—St. Paul's Episcopal Church of Burlingame, 415 El Camino Real, Burlingame.

2/15/46 19
CONTEMPLATED
CHURCH Est. Cost, $300,000
SEATTLE, Wash. E. 45th and 16th NE.
Construction of red brick church building with main sanctuary to seat 600 and small chapel to seat 75; large social hall with stage for drama or movies; clubroom for university students, and clubroom for high school students; special kitchen for each clubroom; offices for secretary and three ministers.
Owner — University Congregational Church, Earl McLaughlin, chairman building committee, FHA, Dexter Horton Bldg.
Architect—John Paul Jones of Bebb & Jones, Hoge Bldg.

22-26—RESIDENTIAL BUILDINGS

2/15/46 22
TO ASK BIDS
NURSES HOME ADDITION
Estimated Cost, $150,000
PORTLAND, Ore. NE. Gantenbien and Stanton Sts.
Construction of three-story and basement reinforced concrete nurses' home addition (48x136 ft.), including hospital classrooms, 18 bedrooms, individual lavatories, toilets, showers, tub facilities in large community room, diet laboratories, playroom, heating from existing facilities.
Owner—Emanuel Hospital.
Architects—Sutton, Whitney & Aandahl, Lewis Bldg., Portland.

Plans are completed and bids will be asked immediately.

2/15/46 • 23
SUB-CONTRACTS AWARDED
HOUSING PROJECT Cost, $46,195
SAN LUIS OBISPO, Calif. California Polytechnic School
Construction of veterans' emergency housing project.
Owner—California Polytechnic Foundation, Inc., California Polytechnic School, near San Luis Obispo.
Plans by owner.
Contractor—Close & Lewis, 721 C St., Hayward.
Plumbing—L. J. Kruse Co., 6247 College Ave., Oakland.
Electric Wiring—Cline Electric Co., San Luis Obispo.
Painting—Acme Paint & Wall Paper Co., San Luis Obispo.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Water Supply and Sewage Disposal Plants 31-32
Bridges 33
Dams, Reservoirs and Dredging 34
Docks, Piers & Harbors..... 35
Parks, Airports and Playgrounds 36
Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways..... 40
Gas, Water and Oil Pipe Lines 41

33—BRIDGES

2/15/46 • 33
LOW BIDDER

LOS ANGELES, Calif.—Contracting Engineers Co., 2310½ W. Vernon Ave., Los Angeles, at $127,632, submitted low bid to the State Division of Highways, G. T. McCoy, state highway engineer, State Bldg., Los Angeles, for construction of two overhead crossings and retaining walls on Santa Ana Parkway over Ramona Parkway Ramp 4 in Los Angeles.

2/15/46 • 33
LOW BIDDER

LOS ANGELES, Calif.—E. W. Elliott, 10808 Lindblade St., Culver City, Calif., at $849,357, submitted low bid to the State Division of Highways, G. T. McCoy, state highway engineer, State Bldg., Los Angeles, for construction of structural steel overhead crossing on Terminal Island Freeway over the tracks of Union Pacific, Southern Pacific and Pacific Electric at Anaheim St., Los Angeles.

This a national defense contract.

2/15/46 • • 33
LOW BIDDER

LOS ANGELES COUNTY, Calif.—M. H. Golden Constr. Co., 3485 Lowell St., San Diego, at $62,053.88 submitted low bid to the State Division of Highways, G. T. McCoy. State Highway Engineer. State Bldg., Los Angeles, for construction of Balboa Park project.

34—DAMS, RESERVOIRS & DREDGING

2/15/46 • 34
BIDS WANTED

CENTRAL VALLEY PROJECT, Calif.—Until March 12, 10 A. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1172 for the construction of earthwork, canal lining and structures, Contra Costa Canal, station 2321+25 to the end, and Mountain View Reservoir, Delta Division, Central Valley Project, California. The work is situated from about one mile east to about 3½ miles southeast of Martinez, Calif.

The principal items of work and the estimated quantities involved are as follows:

Schedule No. 1

Earthwork, canal lining and structures, Contra Costa Canal, station 2321+25 to station 2512+25.

(1) clearing 23 acres orchards and vineyards;
(2) grubbing 20 acres orchards and vineyards;
(3) 65,000 cu. yds. excavation, all classes, for canal;
(4) 400 cu. yds. of excavation, all classes, for subbase for structures;
(5) 100,000 sta. cu. yds. of overhaul;
(6) 1000 cu. yds. of compacting embankment;
(7) 400 cu. yds. of gravel subbase under structures;
(8) 51,000 cu. yds. of excavation, all classes, for structures;
(9) 18,800 sq. yds. of trimming foundations for concrete lining;
(10) 42,000 cu. yds. of backfill;
(11) 10,000 cu. yds. compacting backfill;
(12) 2350 cu. yds. of concrete in structures;
(13) 1550 cu. yds. of concrete in canal lining;
(14) placing 260,000 lbs. of reinforcement bars;
(15) placing 120 sq. ft. of elastic filler material in joints;
(16) placing 18,000 lbs. of metal water stops in joints;
(17) 200 sq. yds. of dry-rock paving;
(18) driving 500 lin. ft. timber piles;
(19) erecting 26 M ft. b.m. timber in structures except cattle guards;
(20) constructing 10 cattle guards;
(21) jacking 36 lin. ft. 6-ft. diameter corrugated metal pipe under railroad;
(22) jacking 50 lin. ft. of 5-ft. 6-in. diameter corrugated metal pipe under highway;
(23) laying 300 lin. ft. of 12-in. diameter concrete pipe;
(24) laying 200 lin. ft. of 15-in. diameter concrete pipe;
(25) laying 200 lin. ft. of 18-in. diameter concrete pipe;
(26) laying 60 lin. ft. of 24-in. diameter concrete pipe;
(27) installing 3500 lbs. of gates and gate hoists;
(28) installing 6500 lbs. of miscellaneous metal work.

Schedule No. 2

Earthwork, dam embankment and structures, Contra Costa Canal, station 2512+25 to end, and Mountain View Reservoir.

(1) clearing 13 acres orchards and vineyards;
(2) grubbing 13 acres orchards and vineyards;
(3) 2000 cu. yds. of excavation, all classes, for outlet and spillway channels;
(4) 9500 cu. yds. of excavation, stripping dam foundation and borrow pits;
(5) 350 cu. yds. of excavation, all classes, for embankment toe drains;
(6) 160,000 cu. yds. of constructing dam embankment;
(7) 10,000 lin. ft. of sand-filled drain holes;
(8) 17,000 cu. yds. of sand drain in dam embankment;
(9) 6000 cu. yds. of riprap on dam;
(10) 450 cu. yds. of gravel surface on dam crest;
(11) 10,000 cu. yds. of excavation, all classes, for structures;
(12) 3000 cu. yds. of backfill;
(13) 2500 cu. yds. of compacting backfill;
(14) 480 cu. yds. of concrete in structures;
(15) placing 55,000 lbs. of reinforcement bars;
(16) placing 25 sq. ft. of elastic filler material in joints;
(17) placing 10 lin. ft. of rubber water stops in joints;
(18) placing 360 lbs. of metal water water stops in joints;
(19) 600 sq. yds. of dry-rock paving;
(20) constructing 1400 lin. ft. of 12-in. diameter sewer pipe drain with uncemented joints;
(21) laying 100 lin. ft. of 12-in. diameter sewer pipe with cemented joints;
(22) installing 2100 lbs. of gates and gate hoists;
(23) installing 7100 lbs. of outlet pipes and valves;
(24) installing 13,400 lbs. of miscellaneous metal work.

This invitation for bids does not cover the purchase of materials which are to be furnished by the government. Materials to be furnished by the contractor and those furnished by the government are described in the specifications which will be a part of the contract.

The work shall be commenced within thirty (30) calendar days after date of receipt of notice to proceed and shall be completed within three hundred and fifty (350) calendar days from the date of receipt of such notice.

No charge to prospective bidders for copies of the specifications and drawings; to others, $2.75 per copy, not returnable.

Guarantee will be required with each bid in an amount not less than 10 per cent of the amount of the bid.

2/15/46 34
PLANNED

MONTEREY, Monterey Co., Calif.—The California Water & Telephone Co., through C. M. Goldsworthy, manager, has reported plans for improvements to the water system at an estimated cost of $400,000. The improvements include:

(1) new filter plant;
(2) replacement of 7000 ft. of 18-in. pipe in Carmel Valley with 30-in. pipe to provide for a heavier flow of water from San Clemente Dam to reservoirs on the Peninsula proper;
(3) installation of additional 18-in. pipe to provide direct service to plants on Monterey's "cannery row."

Also included on the program are mechanical cleaning of transmission mains, sterilization of transmission and distribution mains.

35— DOCKS, PIERS & HARBORS

2/15/46 • 35
PROSPECTIVE BIDDERS
REPAIR PIER
SAN FRANCISCO. Embarcadero
Repair damaged corner concrete deck and fender line on the south side of Pier 24.
Owner—Board of State Harbor Commissioners, Ferry Bldg., San Francisco.
Plans by engineering department of owner, Frank G. White, chief engineer.

Plans and specifications may be obtained from the above office of the owner upon deposit of $10.

As previously reported, bids will be opened February 21, 3:30 P. M.

The following contractors have taken out plans:

Ben C. Gerwick, Inc., 112 Market St., San Francisco.
Ocean Constructors, 135 Stockton St., San Francisco.
Healy - Tibbitts Construction Co., 1100 Evans Ave., San Francisco.
M. B. McGowan, Inc., 625 Market St., San Francisco.
Case Construction Co., Box 416, Alameda.
J. D. Proctor, Inc., P. O. Box 247, Point Richmond Station, Richmond.
Clinton Construction Co., 923 Folsom St., San Francisco.

27—TRANSPORTATION BUILDINGS

2/15/46 • 37
BIDS WANTED

ROUGH AND READY ISLAND, near Stockton, San Joaquin Co., Calif.—Until March 12, 11 A. M., bids will be receive dby the officer in charge of construction, Naval Supply Annex, Rough and Ready Island, for approximately 8 miles of railroad at the Naval Supply Depot.

The work involves removing present 75-lb. rails and replacing with 90- to 110-lb. rails.

Plans and specifications obtainable February 27 from the above offioer in charge of construction upon deposit of check or money order payable to the Chief of the Bureau of Yards and Docks.

39—SEWERS

2/15/46 • • 39
BIDS OPENED

FRESNO, Fresno Co., Calif.—Pacific Pipe Line Constr. Co., 2128 San Pablo Ave., El Cerrito, at $15,651.40 submitted low bid to the City of Fresno, D. E. Roughton, City Clerk, City Hall, for sewering of High Addition, Blocks 5, 6, 7 and 8 of Clinton Terrace, Frisbie Tract, Weldon Terrace, etc., in Fresno.

Complete bids are:

Pacific Pipe Line Constr. Co. $15,651.40.
W. M. Lyles, $18,519.80.
Kovick Bros. Constr. Co., $20,987.

40— STREETS AND HIGHWAYS

2/15/46 • 40
COLORADO STATE HIGHWAY.—Until February 21, 10 A. M., bids will be received by A. F. Hewitt, state highway engineer, Denver, Colo., for the construction of the following highway projects:

(1) Federal Aid Projects No. 300-G (1), Unit No. 2, a grading project 3.091 miles long, located between Durango and Silverton, on S. H. No. 19, in San Juan County.

(2) Federal Aid Secondary Project No. FAS 409-E (1), a gravel surfacing project 3.086 miles long, located between Delta and Hotchkiss, on S. H. No. 92, in Delta County.

Specifications available from the above office.

41—GAS, WATER AND OIL PIPE LINES

2/15/46 • 41
CONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—The Steel Tank & Pipe Co. of California, 1100 4th St., at $12,915.25, was awarded contract by the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Pro. LS-340 for furnishing steel pipe and appurtenances for San Pablo filter plant.

The district cancelled the bid of Pacific Coast Engineer Co.

2/15/46 • 41
BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until February 27, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Pro. LS-348 for installation of cast iron water mains in Contra Costa and Alameda counties.

Specifications obtainable from the above office.

Machinery & Material

NEWS INDEX

Per convenient reference, news reports in this section are classified as follows:

Misc. Supplies & Materials 42
Machinery and Equipment 43

42— MISC. SUPPLIES AND MATERIALS

2/15/46 • 42
BIDS WANTED

SAN FRANCISCO—Until February 26, 2 P. M., bids will be received by the U. S. Treasury Department, 821 Market St., San Francisco, under Inv. No. SF-2767-46 for miscellaneous mess kit equipment delivered to 650 Fifth St.

Specifications obtainable from the above office.

2/15/46 • 42
BIDS WANTED

SAN FRANCISCO—Until February 26, 2 P. M., bids will be received by the U. S. Treasury Department, 821 Market St., under Inv. No. SF-2766-46 for miscellaneous mess kit equipment delivered to 650 Fifth St.

Specifications obtainable from the above office.

2/15/46 • 42
BIDS WANTED

SAN FRANCISCO—Until February 22, 2 P. M., bids will be received by the U. S. Treasury Department, 821 Market St., San Francisco 3, under Inv. Uo. SF-2811-46 for 44 miles of telephone wire, f.o.b. 650 Fifth St.

Specifications obtainable from the above office.

2/15/46 • 42
CONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—California Corrugated Culvert Co., 7th and Parker Sts., at $4375, submitted low bid and was awarded contract by the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Pro. LS-346 for 16-inch cement-lined and coated steel pipe.

The work involves:

(1) 1500 lin. ft. 3/16-in. thickness, 16-in. outside diameter, electric welded steel pipe, 30-in. lengths;
(2) install 1500 lin. ft. cement mortar, ⅜-in. thick inside surface of 16-in. steel pipe;
(3) install 1400 lin. ft. exterior coating, ¾-in. thick on outside surface of 16-in. steel pipe.

Complete bids were:

California Corrugated Culvert Co., (1) $1.62, (2) $.55, (3) $.80; total bid, $4375.

Pacific Coast Engineering Co., (1) $4.35, (2) $.58, (3) $.84; total bid, $8571.

2/15/46 • 42
CONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—Richmond Sanitary Co., 9th and Alice Sts., at $16,092.25, 1% discount, was awarded contract by the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Pro. 1707 for furnishing:

(1) 2304 seamless hard-drawn red brass tubes, 2⅛-in. outside diameter, etc.;
(2) 56 seamless hard-drawn red brass pipes, 3½-in. outside diameter, etc.

2/15/46 • 42
CONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—Oakland Plumbing Supply Co., 4th and Harrison Sts., at $17,044.20, 1% discount, 10 days, was awarded contract by the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Pro. 1708 for furnishing:

(1) 100,000 lin. ft. ¾-in. copper water service tube;
(2) 5000 lin. ft. 1-inch do;
(3) 1000 lin. ft. 1½-inch do;
(4) 2500 lin. ft. 2-in. do.

43— MACHINERY AND EQUIPMENT

2/15/46 • 43
BIDS RECEIVED

MODESTO, Stanislaus Co., Calif.—The following firms submitted bids February 13 to the City of Modesto, Rex E. Gailfus, city clerk, City Hall, for furnishing and delivering three trucks:

Wm. J. Silva, James L. Singleton, Gordon A. Witht Co., L. E. Service, Frank Paragis, Helm Chevrolet Co.

2/15/46 • 43
BIDS OPENED

MODESTO, Stanislaus Co., Calif.—Harold F. France, at $2142.08, submitted low bid February 13 to the City of Modesto, Rex E. Gailfus, city clerk, City Hall, for furnishing and delivering two new 4-door sedans, 1946 model, for the police department.

The bids were:

Harold F. France (for 2 Hudson Super 6, 4-door sedans, plus trade-in), $2142.08.

Gordon A. Witht Co. (one super deluxe, 4-door sedan), $1235.55, and (one Mercury 4-door sedan), $1389.13.

Gordon A. Witht Co. was unable to stipulate delivery date.

2/15/46 • 43
BIDS WANTED

DENVER, Colo.—Until March 19, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1176 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Mountain Home, Idaho, at the option of the bidder, one 15-ton, two-motor traveling crane for the government warehouse at the Anderson Ranch Dam, Boise Project, Idaho. The crane will be installed by the government. The specifications do not contain a provision for liquidated damages for delay. No charge for copies of the specifications to prospective bona fide bidders; to others, $1.25, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colo.

(Continued on Page 4)

Prospective Bidders

School Buildings, Pittsburg

BIDS: Pittsburg Unified School District, Arman Stow, Clerk, Pittsburg, Feb. 18, 8 P. M. Plans prepared by Architect Charles F. Dean, California State Life Bldg., Sacramento.

Lawrence Construction Co., 3020 V St., Sacramento.
Bingham Construction Co., 4825 J St., Sacramento.
Transwestern Construction Co., 1402 Front St., Sacramento.
Russell P. Cataline, 1075 Cumberland St., Pittsburg.
Vincent G. Siino, 461 W. 10th St., Pittsburg.
John J. Siino, 1020 Beacon St., Pittsburg.

Sheet Metal Shop, 22nd and S Sts., Sacramento

BIDS: Architect Gordon Stafford, Insurance Bldg., 806 K St., Sacramento, February 15, 4 P. M.

Campbell Constr. Co., 800 R St., Sacramento.
Lawrence Constr. Co., 3020 V St., Sacramento.
Holdener Constr. Co., 2608 R St., Sacramento.
Chas. F. Unger, 2426 Seventh Ave., Sacramento.
H. W. Robertson, 2917 T St., Sacramento.
Central California Constr. Co, 116 Erie St., San Francisco. • •

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READY MIXED OIL PAINT. Sea Blue. 420 gals. in 5 gal. cans. *Per Gallon* ..... 65¢

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OLEORESINOUS EMULSIFIABLE OIL PAINT. Field Drab. 27,070 gals. In 5 gal. cans. *Per Gallon* ..... 65¢

READY MIXED OIL PAINT. Black. 13,365 gals. In 5 gal. cans. *Per Gallon* ..... 65¢

OLEORESINOUS EMULSIFIABLE PAINT. Dark Green. 8,000 gals. In 5 gal. cans. *Per Gallon* ..... 65¢

OLEORESINOUS EMULSIFIABLE PAINT. Olive Drab. 3,000 gals. In 5 gal. cans. *Per Gallon* ..... 65¢

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MARINE PAINT OLEORESINOUS GLOSS. Light Gray. 6,640 gals. In 5 gal. steel kegs. *Per Gallon* $2.40

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ALAMEDA

ASHCROFT, G. B., 1823 Alameda Avenue.
CORNELIUS, ALBERT, Clinton Ave. and Grand Street.
HASS, ANDREW T., 1711 Palmera Court.
HEWETSON, ANGELO, 1100 Versailles Avenue.

ALBANY

DeMONTE, LOUIS A., 518 Carmel Avenue.

ALDERPOINT

HIGBIE, HOWARD W.

ATHERTON

JANSSEN, ARTHUR D., 58 Austin Avenue.

BAKERSFIELD

BIGGAR, CHAS. H., 730 Holtby Rd.
CULLIMORE, C. C., 2329 Truxton Avenue.
WYNKOOP, FRANK, Haberfelde Building.

BELMONT

LARSEN, ALBERT H., Box 69.

BURLINGAME

BROWN, IRVING FORBES, 1915 Adeline Drive.
GILLAM, W. C. F., 1404 Palm Drive.
McSWEENY, ANGUS, 112 Pepper Avenue.
NORBERG, ERNEST L., 407 Occidental Avenue.
SHARPS, L. J., 735 W. Poplar St.
SHARPS, LEO J., 1477 Burlingame Avenue.
STEPHEN, WALLACE A., 2025 Carmelita Avenue.
THAYER, OSCAR R., 1257 Cabrillo Avenue.

BERKELEY

ALLEN, HARRIS C., 2514 Hillegass.
ANTHONY, JOHN B., 2829 Forest Avenue.
BALLANTINE, JOHN KNOX, Jr., 1512 La Loma.
CHILDS, ELMER E., 702 Spruce St.
CONFER, FREDERICK L., Hotel Claremont.
De MARS, VERNON, 1195 Euclid Avenue.
DeCHENE, ERNEST R., 716 Arlington Avenue.
DE LONG, SCOFIELD, 2656 Le Conte Avenue.
DeSANNO, RAYMOND, 2584 Milvia Street.
DONOVAN, JOHN J., 950 Parker St.
DRAGON, PAUL L., 2068 Allston Way.
FERREE, HAROLD, 2100 Virginia.
GENSS, HAROLD F., 1319 McGee Avenue.
GOODMAN, MICHAEL, 2161 Shattuck Avenue.
GUTTERSON, HENRY H., 2922 Garber Street.
deLAPPE, RUSSELL GUERNE, Hotel Claremont Bldg.
HARDMAN, B. R., 2068 Allston Way.
HAMMARBERG, PAUL H., 2 Norwood Avenue.
HATCH, JOHN DAVIS, 2631 Hillegass Avenue.
HAYMOND, SCOTT, 2323 Shattuck Avenue.
HAYS, WM. C., 2924 Darby Street.
HUNTER, ALBERT R., 1604 Capistrano.
JEANS, RAYMOND W., 1824 San Pedro Avenue.
JORY, ARTHUR V., 1395 Scenic Ave.
JORY, STAFFORD L., 1370 Euclid Avenue.
KLINKHARDT, GEORGE R., 44 Eucalyptus Road.
LAKE, H. RAFAEL, Claremont Hotel
LINDLEY, CHARLES R., 1037 Colusa Avenue.
MAYBECK, BERNARD R., 2751 Buena Vista Way.
MEMMLER, ARTHUR H., P. O. Box 124.
MILLER, LEFFLER B., 2369 Le Conte Street.
MOISE, HOWARD, 71 Panoramic Way.
MEYERS, MILDRED S., 2024 Central Avenue.
OFFICER, GWYNN, 2068 Allston Way.
PLACHEK, JAS. W., 2131 University Avenue.
PRICE, OSCAR M., 1667 Short St.
RATCLIFF, W. H., 2323 Shattuck Avenue.
RUSS, E., 3141 College Avenue.
SANFORD, FLORENCE H., 274 Bancroft Way.
SCHMIDTS, CARL R., 2068 Allston Way.
SHAW, NORMAN W., 71 Tunnel Rd.
SIMPSON, HORACE G., 201 Tunnel Road.
STEILBERG, WALTER T., No. 1 Orchard Lane.
TALLEY, WESLEY ANDRES, 51 Maryland Avenue.
THOMAS, JOHN HUDSON, 31 Norwood Avenue.
WAGNER, WALTER E., 775 Vincente Ave.
WELLINGTON, WINFIELD SCOTT, 1525 Arch Street.
WITKIN, ELIZABETH HILLIER, 2712 Shasta Road.
WOLFARD, HAROLD N., 2772 Shasta Road.
YELLAND, W. R., 829 Coventry Rd.

CARMEL

GENTRY, LAWRENCE, Box 352, Los Altos.
GREENE, C. SUMNER, Box 1955.
JONES, ROBERT, Box 927.
LATHAM, MILTON, P. O. Box 1257.

CHICO

STORY, A. W., 116 W. Second St.

CONCORD

REID, FRANCIS W., Route No. 1.

EL CERRITO

RIGGS, ROBERT, 7314 Hotchkiss Avenue.

EUREKA

ACKERMAN, NEWTON, 104 West Fourth Street.
GEORGESON, F. T., Box 55.

FAIRFAX

de COLMESNIL, GEO. T., 14 Canyon Road.

FRESNO

BUCKINGHAM, PHILIP S., 1922 Clinton Avenue.
COATES, W. D., 704 Helm Building.
COLLINS, ALLEN C., 356 Vassar.
FRANKLIN, CHARLES H., 1244 O Street.
HORN, DAVID H., 601 Rowell Bldg.
KUMP, ERNEST J., 1244 O Street.
LAKE, H. RAFAEL, 1205 Mattei Building.
PETERSON, EDW. W., Mason Bldg.
SWARTZ, FREDERICK L., 624 Rowell Bldg.

HAYWARD

SIMONDS, GEORGE P., 40 Main St.

HILLSBOROUGH

ROWE, WM. HENRY, 1035 Lancaster Road.

LAFAYETTE

EVANS, ROBERT J., Box 634.
NARBETT, KEITH O., Rt. 2, Box 30.

LARKSPUR

STONER, HAROLD G., 71 Marina Vista Ave.

LOS ALTOS

HODGSON, GILBERT, Rte. 1, Box 697.

LOS GATOS

ROOT, CHESTER, Blossom Hill Rd.
KENSIT, HENRY DAVID, Post Office Bldg.

MENLO PARK

FENNACY, JOHN E., 715 College Avenue.
HEMPEL, WM. F., 380 Laurel Dr.
YOUNG, JOHN D., N. Lemon Ave.

MILL VALLEY

BERTENSHAW, JAS. W., 420 Moline Avenue.
LAMB, ARTHUR H., 209 Oakdale Avenue.
MILANO, J. P., de Silva Island.

MODESTO

De LAPPE, RUSSELL GUERNE, 1901 Downey Street.
HILBURN, GEORGE N., 1211 K St.

MONTEREY

RYLAND, C. P., P. O. Box 847.
STANTON, ROBT., Pebble Beach.

OAKLAND

ANDERSON, ARTHUR W., 1801 Bank of America Building.
BAXTER, WM. F., 1025 Second Ave.
BLAINE, ROGER W., 5574 Florence Avenue.
BLODGETT, EDWARD OSCAR, 1969 Hoover Avenue.
BROOKE, HERBERT VAUGHN, 542 Fairbanks Avenue.
BROWN, GUY L., 601 Bank of Commerce Building.
BRUNO, HARRY A., 1440 Broadway.
CERRUTI, EDW. D., 426 13th Street.
CHAMBERLAIN, LOY, 3833 Piedmont Avenue.
COLEMAN, N. L., Lafayette.
COLLINS, ALLEN C., 5945 Marden Lane.
CORLETT, WILLIAM G., 1801 Bank of America Building.
DENKE, A. REINHOLD, 634 15th St.
deLAPPE, RUSSELL GUERNE, 5460 Carlton.
ELLINGER, GEO. E., 1801 Casterline Road.
EVANS, JOHN M., 1308 E. 38th St.
FLORES, ERNEST, 2225 9th Avenue.
FORD, LEONARD H., 3361 Bruce St.
FOULKES, EDWARD T., 357 12th Street.
FROBERG, ALBEN, 3454 Harlan St.
GEBHARDT, W. H., 486 Mandana.
GEERING, JOHN HENRY, 3914 Randolph Avenue.
GIBBS, W. ROLAND, 6144 Rockridge Blvd. South.
GOSLINE, RICHARD C., 638 Caldwell Road.
HANIFIN, ARTHUR C., 3202 San Pablo Avenue.
HUDSPETH, JOHN, 427 13th Street.
HUTCHISON, ROBERT A., 3433 Andover Street.
JOHNSON, IRVIN M., 449 MacArthur Blvd.
JOHNSON, HERBERT T., 4716 Reinhardt Drive.
JOHNSON, KEPLAR B., 5347 Golden Gate Avenue.
KEEFER, RAY F., 770 Wesley Ave.
KOUE, A. LEWIS, 428 Thirteenth St.
LUIS, MISS ROSE E., 811 6th St.
MAYHEW, CLARENCE W., 6026 Acacia Street.
McCALL, CHAS. W., 837 Santa Rey Avenue.
MILLER, CHESTER H., Financial Center Building.
MORRISON, MILTON, 3710 Virden Avenue.
MORROW, GERTRUDE C., 6175 Hillegass Avenue.
MORROW, IRVING F., 6175 Hillegass Avenue.
NEWSOM, ARCHIE T., 5951 Contra Costa Road.
OLSON, DAVID, 4051 Kuhnle Ave.
PONSFORD, KEITH E., 1214 Webster Street.
PRICE, OSCAR M., 2025 10th Ave.
REYNOLDS, MALCOLM D., 3833 Piedmont Avenue.
SAWYER, HOUGHTON, 2058 Oakland Avenue.
SCHALK, LOUIS, 5515 Market St.
SCHIRMER, WM. E., 1419 Broadway.
SLOCOMBE, FRANCIS H., 132 Monte Cresta Avenue.
THOMSON, LAWRENCE G., 1308 E. 38th Street.
TREICHEL, CHESTER H., 696 Cleveland St.

ORINDA

ANDERSON, JAMES H., No. 5 Via Hermosa.
SISSON, RALPH C., 11 El Campanero.
WHITE, LAWRENCE R., 30 La Cintilla.
WINTER, ALBERT H., 171 Las Vegas Road.

PALO ALTO

STEDMAN, HENRY MORGAN, 666 Kellogg Avenue.
SUMNER, CHAS. K., Decker Oak Building.
BOYTER, ELIZABETH, 316 Kipling.
CLARK, BIRGE M., 310 University Avenue.
CLARK, DAVID B., 310 University Avenue.
THOMSON, DOLE FORD, 179 Lincoln Avenue.
NICHOLS, LESLIE I., 532 Emerson.
SAWYER, CHARLES, 155 Dana Ave.
SUMNER, CHAS., 760 University.

PIEDMONT

FARR, ALBERT, 175 Santa Rosa.
NEWSOM, NOBLE, 2083 Oakland Avenue.
BURNETT, HOWARD E., 52 Manor Drive.
CHAPMAN, FREDERICK A., 86 Wildwood Avenue.
GALLION, ARTHUR B., 1074 Annerley Road.
MILWAIN, W. E., 1503 Oakland Ave.

ROSS

WINNER, H. H., Wordsworth Ave.

SAN CARLOS

HODGSON, GILBERT, 1212 Cherry Street.

SALINAS

BUTNER, CHAS. E., 7 Winham St.

SAN JOSE

BINDER, WILLIAM, 35 W. San Carlos Street.
CURTIS, E. N., 35 W. San Carlos St.
HIGGINS, WM. L., 84 S. First St.
JAEKLE, DONNELL E., Builders' Exchange Bldg.
KRESS, EDWARD W., 515 First National Bank Building.
McKENZIE, CHAS. S., 22 S. 7th St.
ROOT, CHESTER, 84 S. First St.
SOBEY, GIFFORD E., 69 S. First St.
WYCKOFF, RALPH, Anglo Bank Building.

SACRAMENTO

CUFF, CLARENCE C., 1315 Q St.
DEAN, CHARLES F., 1407 California State Life Building.
DEVINE, HARRY J., Cronan Bldg.
FRANKLIN, CLIFFORD N., 1729 9th Avenue.
GILLEM, JAMES A., 4701 D Street.
GOODPASTER, HERBERT E., Mitau Building.
HARRISON, FREDERICK S., 1312 Del Paso Blvd.
SATTERLEE, IVAN C., California State Life Building.
SELLON, GEO. C., California State Life Building.
STAFFORD, GORDON, 1825 3rd Ave.
STARKS, LEONARD F., 416 Native Sons' Building.

SAN LEANDRO

KERR, RALPH N., 308 Broadmoor Boulevard.
KREINKAMP, H. A., 684 Maple Court
MOWBRAY, MELTON V., Jr., 756 Rodney Drive.
ROSEBROOK, GUY L., 1706 San Leandro Blvd.

SAN MATEO

COLLINS, HENRY C., No. 9 Aragon Boulevard.
EDWARDS, THOMAS M., 123 Elm Street.
HESS, KENNETH H., 1444 Shafter.
TOEPKE, WM. H., 230 Chesterton Pl.
LANSBURGH, G. ALBERT, 28 W. Fourth Avenue.
ROWE, WILLIAM HENRY, 1035 Lancaster Road, Hillsborough.

SAN RAFAEL

GROMME, CARL F., 110 "B" Street.
LESSWING, SYLVESTER A., 17 Hillcrest Drive.
McDOUGALL, GEO. B., Box 265.

SANTA CRUZ

DUCKERING, LYNN ROLLETT, 27 Front Street.

SANTA ROSA

CAULKINS, C. A., Jr., Rosenberg Building.
FELCIANO, J. CLARENCE, 4010 Montecito Avenue.
HERBERT, WM. F., 1633 Austin Way.

SAUSALITO

BICKEL, REDDICK H., 148 Harrison Avenue.
CONSTABLE, ARNOLD S., 95 Spencer Avenue.
FAVILLE, WM. P., 35 Central Ave.
KETT, CONRAD F. T., 75 Crecienta.

SONOMA

JORGENSEN, VIRGIL W., Route 1, Box 399.

STOCKTON

BISSELL, HOWARD G., 1225 W. Acacia Street.
CLOWDSLEY, J. UPTON, 1767 Lucerne Street.
ERNST, ELMORE G., 501 E. Harding Way.
GALBRAITH, VICTOR, 834 W. Willow Street.
JOHNSON, ERIC, Elks' Building.
LOSEKANN, JOSEPH, 311 E. Market Street.
MAYO, FRANK V., 3119 N. American.
SALA, PETER L., 2130 N. Commerce Street.

STANFORD UNIVERSITY

WARD, EUGENE V., 627 Salvatierra Street.

SUSANVILLE

TAYLOR, RALPH D., 716 Court St

VALLEJO

FRENCH, EDW. R., Jr., 39 Santa Paula Way.
PERRY, CHARLES E., 514 Marin St.

WALNUT CREEK

FORD, LEONARD H., 1350 Main St.
COMSTOCK, FLOYD B., RFD No. 1, Box 347R.
DEAN, MARSHALL, Colonial Inn, 1329 Main St.

Structural Engineers

SAN FRANCISCO

ADRIAN, W., 417 Market Street.
APPLEFORD, CARL W., 245 Market.

BARKER, RALPH, 63 Fernwood Dr.
BEEBEE, RALPH A., 1261 41st Ave.
BLUME, JOHN A., 68 Post Street.
BOGVAD - CHRISTENSEN, VILHELM, City Hall.
BREITE, W. W., 375 Sutter Street.
BROWN, ARCHIBALD A., 461 Market Street.
BRUNNIER, H. J., 612 Sharon Bldg.
BUELL, RAYMOND C., Second Floor Call Building.
BULLEN, ARTHUR C., 2 Pine Street.
BURGESS, E. O., 1200 17th Street.
BUSH, PHILIP LEE, 101 California.

CHACE, THOMAS F., 268 Market St.
CHERNO J., 245 Market Street.
CHEW, RICHARD SANDERS, 844-A Mills Building.
CORWIN, T. J., Jr., 245 Market St.
COTTEN, SHEPARD M., 308 Eddy.

DEGENKOLB, HENRY J., 405 Montgomery Street.
DEWELL, HENRY D., 604 Mission.

EARL, AUSTIN W., 233 Sansome St.
ELLISON ,W. H., 500 Sansome St.
ENGLE, HAROLD MARSHALL, 110 Sutter Street.
FALK, MARK M., 251 Kearny St.
FISHER, ALFRED P., 300 Montgomery Street.

FISHER, R. J., 826 Crocker Building.

GOULD, JOHN J., Financial Center Building.

HALL, FREDERIC F., 251 Kearny.
HAMMILL, HAROLD B., 381 Bush.
HANSON, ROBERT A., 19th and Indiana Streets.
HARRIS, FREDERIC R., Inc., 230 California Street.
HASSENMILLER, WILFORD S., 100 Bush Street.
HAUN, GEORGE CLEVELAND, 580 Market Street.
HAYES, JESSE E., 525 Market St.
HENRY, RODNEY WM., Shell Oil Building.
HILL, GEORGE S., 36 Diamond St.
HJUL, JAMES H., 128 Russ Street.
HUBER, EARL RAYMOND, USFS, Phelan Building.
HUBER, WALTER LeROY, 1 Montgomery Street.

IRVIN, LESLIE A., Fort Winfield Scott.

JAKOBSEN, B. F., Balfour Building.

KEGLER, HOWARD L., 661 29th Avenue.
KELLBERG, F. W., 320 Market St.
KING, STANLEY C., 509 Sansome St.
KNAPIK, EDWARD MATHIAS, 1325 Crocker 1st National Bank Bldg.
KRAFFT, ALFRED J., Phelan Bldg.

LEVY, EDWIN F., 727 17th Avenue.
LITTLE, JOHN GOULDING, 251 Kearny Street.

MARDEL, CHARLES M., 2335 Pacific Avenue.
MEYERHOLZ, R. IVAN, 245 Market.

NISHKIAN, L. H., 1045 Sansome St.

PAQUETTE J. ALBERT, 320 Market Street.
PERKINS, MAC D., 110 Sutter St.
PHILLEO, R. A., CEC Hq., 4th Air Force.
POWERS, H. C., 612 Sharon Bldg.
PREGNOFF, M. V., 251 Kearny St.
RINNE, JOHN E., 225 Bush Street.

ROSENTHAL, HYMAN, 617 Montgomery Street.
ROSENWALD, JESSE, 525 Market.
SAMPSON, RAPHAEL, 333 Montgomery Street.
SAPH, A. V., Jr., Rialto Bldg.
SCHELLENBERG, G. W., 225 Bush.
SEAGE, CLARENCE E., 681 Market Street.
SJOBERG, HAROLD O., 233 Sansome Street.
SKYTTE, JOHANNES, City Hall.
SMITH, HARVEY A., 712 Pacific Building.
SMITH, JAS. M., 251 Kearny Street.
SPITZER, FELIX H., City Hall.
SQUIRE, HARRY EDWIN, 19 Ferry Building.
STEELE, I. CLEVELAND, 245 Market Street.
SWAIN, CLARKSON, 320 Market St.

THAYER, EDWARD S., 1208 Balfour Building.
THEILL, KAJ, 580 Market Street.
THOMPSON, ISADORE, 58 Sutter.
VENSANO, H. C., City Hall.

WASHINGTON, GEO., 417 Market.
WHIPPLE, S. K., 225 Bush Street.
WHITE, FRANK G., 18 Ferry Bldg.
WOODRUFF, GLENN B., 333 Montgomery Street.
WRIGHT, J. G., 233 Sansome Street.
ZOLLNER, CARL W., 333 Kearny St.

OAKLAND

ANDERSON, ARTHUR W., 1801 Bank of America Bldg.
BASTOW, J. G., Grove Street Pier.
COOLEY, R. H., 354 Hobart Street.
CORLETT, WILL G., 1801 Bank of America Building.
COTTERILL, GEO. W., 5354 Lawton Avenue.
DALTON, ROBT. DOCK, City Hall.
DEWELL, ROBERT D., 6231 Contra Costa Road.
ELLERY, N. B., 2124 Coloma Street.
GUPTILL, JOSEPH R., 5936 McAndrews Drive.
HANSEN, CHARLES, Grove St. Pier.
KENNEDY, ROBT. CHAS., 512 16th Street.
KITCHEL, MILTON P., City Hall.
LYMAN, RICHARD F., Jr., 6602 Chabot Road.
MANOV, MATEO M., 337 17th Street.
NEVIUS, SEARLE B., 184 13th St.
O'NEIL, HUGH M., 363 17th Street.
PLANT, FRANCIS B., 858 Alma Ave.
SANDNER, VICTOR R., c/o Moore Drydock Company.
SAWYER, FRANK L., 1025 2nd Ave.
SCHIRMER, HOWARD A., 1444 14th Street.
SLY, CLARENCE JEFFERSON, 638 Miranda Street.
THURSTON, EUGENE T., 869 Rosemount Road.
WHITTON, CHAS. A., 1025 2nd Ave.
WILLIAMSON, H. P., 3589 Fruitvale Avenue.

WASHINGTON, D. C.

LOTZ, WM. D., Bureau of Yards and Docks.

WALNUT CREEK, CALIF.

McKEE, GEORGE T., Saranap.

LOS ALTOS

NORDWELL, ALFRED W., Box 218.

ROSS

NORDWELL, ALFRED W., Box 218.

WOODLAND

PROCTOR, ASA G., P. O. Box 327.

SAN ANSELMO

HJORT, SIGGE I., Box 261.

SACRAMENTO

AEPPLI, ERNEST, Rte. 9, Box 1353.
BROWNFIELD, ALLEN H., 5033 V Street.
BUEHLER, WALTER A., 3416 Land Park Drive.
ENGER, ARTHUR L., Public Works Building.
EWING, M. A., 1120 "N" Street.
FRANCIS, ERNEST D., Cronan Building.
HOLLISTER, LEONARD C., State Bridge Department.
HUTCHINSON, RALPH W., Public Works Building.
ILLERICH, OTTOMAR THEODORE, Public Works Building.
JOHNSON, FRANK A., Public Works Building.
KROMER, CLARENCE HERBERT, Wright Building.
LONG, WALTER J., Department of Public Works.
McGINNESS, ARTHUR R., Old Post Office Building.
MEEHAN, ANDREW J., 2540 Fifth Avenue.
NELLDOV, IVAN M., Public Works Building.
PANHORST, F. W., P. O. Box 1499.
PETERSEN, WM., HARTMAN, Public Works Building.
PURCELL, CHARLES H., 210 Public Works Building.
REYNOLDS, FRANK HOWARD, 905 Forum Building.
ROWE, R. ROBINSON, 339 Public Works Building.
SHIELDS, JAMES RALPH, 205 City Hall.
STOVER, HARVEY D., 327 Public Works Building.
WALKER, ARTHUR V., 1020 "N" St.
WILLETT, ALBERT D., 704 25th St.
WILLETT, D. C., Public Works Bldg.

ALAMEDA

ASHCROFT, GLEN B., 1823 Alameda Avenue.
GORMAN, SIDNEY S., 2908 Webster Street.
GREEN, FREDERICK M., 927 San Antonio Avenue.
HESS, C. W., 1242 Hawthorne Street.

BERKELEY

DAVIS, RAYMOND E., University of California.
DERLETH, CHARLES Jr., 218 Engineering Bldg., U. of C.
JAMEYSON, BRUCE, C. E. Bldg., U. of C. Campus.
JENNINGS, GEORGE H., 1715 Buena Avenue.
SEAGE, CLARENCE E., 10062 Broadway Terrace.
WIELAND, CHAS. F., 199 Hillcrest Road.

STOCKTON

BAMBERGER, SIDNEY F., P. O. Box 1848.
GULICK, CHAS. W., College of the Pacific.

SAN MATEO

BERTWELL, WILLIAM, 616 Columbia Drive.
COX, HARRY A., 215 Elm Street.

PIEDMONT

BROWN, ULYSSES G., 32 Arbor Dr.
COLLINS, MERTON C., 82 Fairview Avenue.

FORT BAKER

BELL, CHARLES LAMBERT.

PALO ALTO

GILL, G. F., 550 Forrest Avenue.
WELLS, JAS. BERTRAND, 846 Lytton Avenue.
WING, CHAS. B., 345 Lincoln Ave.

No. California County and City Engineers

ALAMEDA, Carl Froerer.
ALAMEDA CO., Wallace B. Boggs.
ALBANY, U. R. Grey.
ANTIOCH, John S. Bates.
ARCATA, Hal C. Acheson.
ATHERTON, James S. James.
ATWATER, W. E. Bedesen.

BAKERSFIELD, Joseph Holfelder.
BELMONT, Robert Klassen.
BENICIA, Phil R. Jones.
BERKELEY, Harry Goodridge.
BURLINGAME, Cecil L. Longson.
BUTTE COUNTY, Bert Paxton.

CALAVERAS CO., Oliver C. Wyllie.
CALISTOGA, Clyde C. Kennedy.
CHICO, Frank Robinson.
CONCORD, John S. Bates.
CONTRA COSTA CO., J. W. Barkley.

DALY CITY, Robert Klassen.
DAVIS, Alexander M. McKinnon.
DEL NORTE CO., H. M. Malpas.
DOS PALOS, W. E. Bedesen.

EL CERRITO, R. R. Randall.
EMERYVILLE, Geo. T. Oliver.
EUREKA, Geo. S. Winzler.
EXETER, Irvin M. Althouse.

FRESNO COUNTY, A. J. Nielsen.

GILROY, W. J. Hanna.

HANFORD, Walter K. Hopkins.
HAYWARD, J. A. Mancini.

KERN COUNTY, J. R. Thornton.
KING CITY, H. F. Cozzens.
KINGS COUNTY, J. H. Hayes.

LIVERMORE, C. G. Clarke.
LIVINGSTON, W. E. Bedesen.
LODI, Clinton Henning.
LOS BANOS, W. E. Bedesen.
LOS GATOS, L. Cedric Macabee.

MANTECA, John S. Bates.
MARIN COUNTY, C. P. Clow.
MARTINEZ, Leonard McClintock.
MARYSVILLE, F. H. Divver, Jr.
MENLO PARK, Edwin Smith.
MERCED, G. E. Winton.
MERCED CO., W. E. Bedesen.
MILL VALLEY, Edward Hussey.
MODESTO, Frank J. Joost.
MONTEREY, Howard Severance.
MONTEREY CO., H. F. Cozzens.
MOUNTAIN VIEW, M. C. Christensen.

NAPA, H. A. Harrold.
NAPA COUNTY, E. P. Ball.

OAKLAND, Walter N. Frickstad.
OROVILLE, S. J. Norris.

PACIFIC GROVE, Alfred D. Coons.
PALO ALTO, Fabian S. Miller.
PASO ROBLES, Hal Johnson.
PETALUMA, S. Gonzales.
PINOLE, Ross Calfee.
PITTSBURG, E. I. O'Hara.
PLACER COUNTY, John A. Shields.
PORTERVILLE, Irvin H. Althouse.

REDDING, A. H. Ross.
REDWOOD CITY, R. A. Klassen.
RICHMOND, E. A. Hoffman.

SACRAMENTO, Fred J. Klaus.
SACRAMENTO CO., A. L. Kiefer.
SALINAS, Donald Davies.
SAN BRUNO, C. L. White.
SAN CARLOS, R. A. Klassen.
SAN FRANCISCO, R. G. Wadsworth.
SAN JOAQUIN CO., J. B. Manthey.
SAN JOSE, Harold J. Flannery.
SAN LEANDRO, Chas. P. Martin.
SAN MATEO, Harold Porter.
SAN MATEO CO., M. A. Grant.
SAN RAFAEL, Raymond A. Boege.
SANTA CLARA, Edgar C. Schott.
SANTA CLARA CO., R. D. Chandler.
SANTA CRUZ, Robert Jennings.
SANTA CRUZ CO., A. B. Baldwin.
SANTA ROSA, Walter F. Adams.
SHASTA COUNTY, Ernest Breuning
SEBASTOPOL, Walt Adams.
SISKIYOU COUNTY, A. F. Parrott.
SOLANO COUNTY, J. R. Burnham.
SONOMA CO., Marshall M. Wallace.
SONORA, B. H. Maynard.
SOUTH SAN FRANCISCO, Charles T. Broughton.
STANISLAUS CO., G. D. Macomber.
STOCKTON, Lyle Payton.
SUISUN, F. A. Steiger.
SUNNYVALE, H. N. Bishop.
SUSANVILLE, M. J. Tilley.
SUTTER CO., Edward Von Geldern.

TEHAMA CO., Chas. A. Luning.
TRACY, John S. Bates.
TULARE CO., T. Wayne Switzer.
TURLOCK, Don Davis.
TULARE, John Boardman.
VALLEJO, T. D. Kilkenney.
VISALIA, Norman A. Huth.

WOODLAND, Asa G. Proctor.

YOLO COUNTY, Henry Von Dorsten
YREKA, Howard O'Connor.

PACIFIC COAST BUILDING PERMIT TOTALS FOR 12 MONTHS

CITY	JAN., 1945		FEB., 1945		MARCH, 1945		APRIL, 1945		MAY, 1945		JUNE, 1945	
CALIFORNIA	No.	Est. Cost	No.	Est. Cost	No.	Est. Cost	No.	Est. Cost	No.	Est. Cost	No.	Est. Cost
Alameda	82	$ 25,702	44	$ 22,893	77	$ 55,523	64	$ 40,845	83	$ 43,972	71	$ 47,925
Albany	18	19,690	15	12,818	22	30,170	18	25,813	15	27,881	—	33,386
Alhambra	77	35,101	89	25,592	69	57,201	96	64,789	93	126,139	86	119,305
Anaheim	26	11,118	25	17,134	17	12,212	27	23,409	19	34,974	29	126,536
Atherton	—	—	6	2,950	—	—	—	—	11	16,949	12	44,400
Bakersfield	34	74,355	44	67,710	62	135,987	50	68,195	48	113,063	45	120,716
Berkeley	121	117,461	143	79,713	141	222,114	98	672,997	151	197,215	149	235,376
Beverly Hills	45	40,905	53	48,340	50	34,055	66	94,411	70	71,440	63	134,470
Burbank	—	229,014	169	143,388	199	329,421	198	343,519	152	326,210	197	557,742
Burlingame	18	23,040	7	2,800	20	48,200	8	25,625	23	80,200	20	102,550
Chico	41	8,775	41	27,165	31	5,445	44	7,775	38	11,952	49	35,610
Colton	29	12,459	26	7,055	34	13,779	54	14,286	56	85,015	51	76,530
Compton	78	54,807	72	66,972	71	56,553	61	55,050	68	84,425	71	110,635
Coronado	—	—	26	13,391	13	6,030	10	21,960	9	38,075	18	20,365
Culver City	38	99,689	35	20,810	28	22,821	37	24,850	34	46,439	76	278,900
Emeryville	5	23,942	5	404,300	11	48,500	4	8,925	5	47,200	5	24,200
Eureka	32	9,230	32	11,820	28	18,522	32	13,125	48	21,474	28	44,685
Fresno	81	66,736	126	167,827	156	223,990	171	126,228	123	163,543	154	168,843
Fullerton	21	26,495	21	35,535	19	17,420	32	35,041	24	24,675	32	63,810
Glendale	115	107,102	82	72,285	112	156,636	141	292,543	146	313,079	144	334,212
Hayward	14	16,550	17	11,035	8	4,110	14	14,449	14	17,255	26	53,125
Huntington Park	25	25,620	29	20,624	31	33,972	27	22,850	34	53,626	44	124,640
Inglewood	39	21,051	40	98,500	66	87,725	—	442,325	84	164,056	93	291,235
Lodi	27	98,175	47	137,060	27	44,590	44	107,130	19	56,700	28	84,045
Long Beach	1166	421,735	677	250,890	871	1,024,335	861	725,640	1064	883,485	1103	1,194,545
Los Angeles (City)	2300	3,706,428	1854	2,147,815	2252	2,757,604	2342	3,531,662	2487	4,536,943	2689	5,415,417
Los Angeles (County)	1534	1,635,257	1262	1,888,196	1565	1,873,432	2069	3,680,203	2194	4,019,312	2101	4,629,497
Los Gatos	12	8,175	9	1,800	14	5,300	3	600	1	375	11	15,500
Martinez	21	4,704	11	6,666	13	3,305	14	11,508	21	21,647	—	—
Modesto	35	33,550	35	35,425	38	39,252	47	71,137	24	35,680	51	129,305
Monrovia	—	154,080	78	69,041	94	251,763	59	52,248	82	96,750	90	211,386
Montebello	31	7,414	26	27,665	18	19,115	20	30,035	—	87,900	37	138,900
Monterey	21	42,455	12	24,800	—	—	19	17,505	18	42,650	14	23,050
Napa	17	4,515	11	4,356	8	1,065	16	17,280	15	9,550	11	5,775
Oakland	553	313,514	304	314,169	515	481,018	413	706,613	381	800,690	580	818,919
Oceanside	28	20,700	36	37,075	32	42,715	35	21,295	29	99,830	—	57,840
Ontario	54	43,502	61	21,258	64	46,688	52	46,203	—	48,411	71	294,752
Orange	26	14,511	25	12,790	19	12,448	22	27,279	13	11,090	23	49,277
Oroville	10	6,200	9	3,490	38	110,240	9	12,276	11	6,995	12	2,240
Palo Alto	40	34,100	62	76,575	66	114,925	87	85,000	23	91,825	44	93,015
Pasadena	212	217,703	180	155,339	—	—	184	208,116	293	300,930	296	384,009
Piedmont	10	2,357	8	12,742	20	8,190	24	9,884	8	3,204	17	37,978
Pittsburg	10	9,700	10	14,910	10	12,070	13	21,230	15	21,680	6	12,725
Pomona	69	66,058	61	69,742	65	117,237	79	78,269	—	76,278	111	178,809
Redding	25	37,638	28	37,925	43	45,126	18	13,475	29	45,364	27	27,762
Redlands	43	36,453	27	7,724	41	25,236	55	22,711	2	17,534	52	33,777
Redwood City	14	2,800	23	71,225	24	62,350	58	232,455	47	159,400	36	159,400
Richmond	94	256,803	88	49,622	71	36,490	92	86,856	66	80,036	82	63,527
Riverside	98	33,793	91	38,867	144	64,984	141	61,867	141	92,103	118	89,690
Sacramento	111	219,047	96	168,983	133	117,043	133	84,397	130	146,201	127	213,700
Salinas	24	11,191	20	9,780	17	23,570	29	52,864	15	8,188	35	121,896
San Bernardino	199	66,637	209	60,956	220	129,428	239	204,849	312	532,156	241	289,167
San Carlos	4	16,250	9	22,700	15	24,575	37	132,520	33	179,500	32	154,300
San Diego	588	439,412	579	602,791	604	949,242	634	580,952	636	870,184	617	$1,146,900
San Francisco	285	403,596	408	983,152	496	1,334,705	472	$1,206,077	412	1,005,353	450	1,757,055
San Gabriel	42	31,640	24	19,486	37	38,922	40	50,876	—	80,665	35	97,757
San Jose	69	60,690	67	202,005	82	210,078	118	222,380	101	172,645	74	224,245
San Leandro	26	19,540	31	62,400	31	142,440	17	36,540	21	54,687	28	48,609
San Marino	33	8,570	31	13,039	25	21,726	4	43,123	40	65,618	28	49,600
San Mateo	43	43,478	113	413,617	163	653,189	47	126,342	89	291,756	70	253,669
San Mateo (County)	117	84,900	63	173,100	186	658,250	107	370,022	81	240,350	137	527,175
San Rafael	17	42,810	11	9,300	21	27,765	17	29,415	17	15,950	20	35,980
Santa Ana	106	91,419	91	139,119	102	87,761	93	231,289	91	189,994	107	163,193
Santa Barbara	63	40,965	58	32,235	65	47,411	58	73,860	50	68,395	65	125,904
Santa Cruz	54	14,855	36	21,145	56	46,713	50	32,145	58	65,364	53	75,300
Santa Monica	—	91,458	81	72,160	91	96,762	102	169,662	97	115,977	99	235,789
Santa Rosa	26	16,935	22	8,505	41	77,250	44	68,825	29	42,705	50	130,450
South Gate	93	95,338	64	98,574	74	342,189	81	158,193	71	146,398	88	168,306
South Pasadena	26	11,590	21	4,307	19	17,268	21	13,358	29	37,496	30	23,198
Stockton	55	59,207	92	239,015	70	162,165	101	134,741	90	210,250	74	170,350
Torrance	32	130,765	15	41,890	17	17,735	31	56,775	37	3,149,405	32	47,627
Ventura	36	80,410	37	17,697	—	—	36	22,707	50	30,324	45	36,023
Vallejo	—	—	21	26,300	22	18,093	21	18,550	32	61,425	32	182,623
Vernon	26	184,447	41	174,085	31	161,135	31	503,945	41	166,169	52	346,420
Watsonville	—	—	5	1,300	—	—	2	1,000	—	—	17	34,090
Total	9464	$10,485,396	8427	$ 10,515,463	9935	$14,225,279	10602	$16,942,784	10893	$21,702,364	11711	$23,959,662
ARIZONA												
Phoenix	141	$ 305,240	156	$ 653,238	194	$ 513,476	182	$701,885	134	$543,470	128	$442,718
Tucson	78	128,539	90	94,012	107	95,988	93	102,642	119	80,283	138	200,824
Total	219	$ 433,779	245	$ 747,250	301	$ 609,464	275	$804,527	253	$623,753	266	$643,542
IDAHO												
Boise	48	$ 31,203	53	$ 26,205	59	$ 35,397	—	—	94	$128,608	99	$138,462
Lewiston	20	12,980	14	2,730	41	10,710	32	7,774	36	20,942	44	40,023
Nampa	—	—	—	—	31	40,150	—	—	—	—	—	—
Total	68	$ 44,183	67	$ 28,935	131	$ 86,257	32	$ 7,774	130	$149,550	143	$178,485
NEVADA												
Reno	47	$ 53,021	40	$ 17,277	51	$ 47,756	79	$ 89,009	96	$157,232	98	$161,312
OREGON												
Astoria	18	$ 104,690	14	$ 7,135	18	$ 3,190	22	$ 28,230	22	$ 11,355	44	$ 36,256
Eugene	75	95,543	52	38,495	89	58,817	96	63,401	116	139,141	119	79,967
Klamath Falls	18	54,745	34	24,825	—	—	36	29,326	41	41,760	40	31,671
Portland	264	439,325	293	609,785	316	658,495	340	322,105	410	904,490	418	996,385
Salem	—	—	39	64,538	79	246,387	—	—	93	78,334	139	86,776
Total	375	$ 694,303	432	$ 744,778	502	$ 966,889	494	$443,152	682	$1,175,080	760	$1,231,055
UTAH												
Logan	6	$ 5,900	4	$ 1,400	11	$ 5,050	11	$ 5,075	17	$ 19,190	18	$ 821,125
Ogden	22	82,385	32	42,740	32	56,455	55	85,665	65	137,314	61	66,930
Salt Lake City	53	53,417	70	48,159	88	142,605	122	198,525	96	101,753	149	269,380
Total	81	$ 141,702	106	$ 92,299	131	$ 204,110	188	$289,265	178	$258,257	228	$1,157,435
WASHINGTON												
Aberdeen	20	$ 2,230	28	$ 5,730	42	$ 4,465	33	$ 6,780	36	$ 33,922	66	$632,057
Bellingham	—	—	—	—	—	—	67	28,231	33	52,258	—	—
Seattle	343	956,520	363	821,780	439	1,239,860	496	1,427,520	524	1,136,260	529	$1,337,050
Spokane	154	40,675	132	87,682	201	255,869	553	400,059	425	635,739	319	415,032
Tacoma	166	789,072	191	633,365	168	326,780	231	490,914	263	625,806	276	498,141
Vancouver	62	162,637	78	20,294	82	19,882	121	48,583	83	68,292	99	75,533
Walla Walla	25	140,905	33	17,916	39	28,283	—	—	36	34,015	43	42,350
Wenatchee	15	18,115	15	9,725	23	57,875	32	44,375	—	—	21	10,800
Yakima	44	36,265	49	32,730	63	43,520	86	81,020	90	60,935	80	108,975
Total	829	$ 2,146,419	889	$ 1,689,231	1057	$ 1,976,534	1619	$2,527,482	1490	$2,647,217	1433	$3,119,938
GRAND TOTAL	11083	$13,996,803	10206	$13,775,233	12108	$18,116,289	13289	$21,103,993	13712	$26,718,463	14639	$30,451,429

CITY	JULY, 1945		AUG., 1945		SEPT., 1945		OCTOBER		NOV., 1945		DEC., 1945		YEAR'S TOTAL	
CALIFORNIA	No.	Est. Cost	No.	Est. Cost	No.	Est. Cost	No.	Est. Cost	No.	Est. Cost	No.	Est. Cost	No.	Est. Cost
Alameda	77	$ 49,572	76	$ 82,671	75	$ 88,751	94	$ 123,836	74	$ 196,318	53	$ 70,981	870	$ 849,072
Albany	15	6,343	28	50,765	27	61,153	33	77,300	27	49,100	29	106,033	248	500,529
Alhambra	—	187,360	69	179,947	69	84,000	113	277,475	96	169,425	118	938,678	977	2,285,021
Anaheim	28	83,597	19	39,759	27	39,533	32	139,000	40	85,592	45	336,916	334	950,531
Atherton	12	62,825	14	62,650	5	22,310	25	162,050	17	130,200	92	237,960	194	742,294
Bakersfield	67	256,596	43	129,389	70	284,304	82	250,146	72	332,443	66	423,709	683	2,256,612
Berkeley	138	167,123	136	304,783	166	696,400	148	235,833	102	732,902	119	358,713	1,612	4,021,630
Beverly Hills	82	137,920	66	152,485	97	172,825	89	317,255	82	289,875	83	1,108,240	806	2,602,311
Burbank	156	689,578	153	531,304	175	418,616	226	646,933	211	998,892	192	648,626	2,028	5,463,241
Burlingame	14	52,000	29	83,950	29	124,100	36	169,380	25	110,900	30	483,160	259	1,305,905
Chico	43	27,325	38	16,992	36	13,450	65	65,660	37	21,125	41	3,455	504	244,729
Colton	50	34,134	37	14,936	39	23,496	58	64,051	54	54,938	35	66,635	523	467,314
Compton	64	140,124	68	201,990	77	160,166	91	234,710	95	368,240	117	477,465	933	2,009,137
Coronado	17	17,089	10	25,400	31	30,304	24	26,353	24	80,645	18	24,565	200	304,167
Culver City	45	144,835	36	232,819	—	—	58	121,504	78	273,300	98	495,341	563	1,761,308
Emeryville	13	155,300	5	17,118	3	196,500	6	79,900	6	31,200	11	154,400	79	1,191,485
Eureka	62	35,985	50	48,029	60	33,105	88	95,730	76	153,320	31	68,240	567	553,265
Fresno	182	288,191	132	217,037	13	232,272	195	537,119	198	479,416	130	356,111	1,661	3,027,313
Fullerton	36	89,668	31	131,195	32	53,733	40	72,677	47	101,420	38	180,042	373	831,711
Glendale	121	318,706	170	327,409	—	409,434	195	518,284	215	755,027	141	518,296	1,582	4,122,993
Hayward	18	37,591	11	22,855	15	38,251	30	298,198	17	72,690	15	54,000	199	640,109
Huntington Park	43	149,365	27	56,716	—	136,900	62	165,387	59	251,240	47	219,6[illegible]	428	1,260,565
Inglewood	69	205,929	61	152,924	73	229,266	101	599,478	117	1,526,802	132	989,640	875	4,808,931
Lodi	33	70,575	22	35,925	24	25,808	36	103,050	28	84,700	42	115,150	377	962,908
Long Beach	1004	1,558,630	955	1,251,265	1088	1,036,770	1306	1,682,740	1567	3,163,925	1293	1,844,635	12,955	15,038,595
Los Angeles (City)	2679	5,818,951	2701	7,288,286	2612	9,036,979	3712	11,186,134	3825	15,726,046	3564	13,790,391	33,017	84,942,656
Los Angeles (County)	1934	4,286,860	1673	3,430,779	1684	4,626,387	2400	4,775,425	2521	5,724,757	2402	7,357,477	23,339	47,927,382
Los Gatos	6	10,450	5	9,600	14	37,120	16	46,305	8	15,076	13	77,450	112	227,751
Martinez	23	22,097	21	16,620	35	36,744	33	58,129	33	63,431	4	11,600	229	256,451
Modesto	31	161,170	38	118,645	29	35,385	42	88,195	34	97,970	50	166,570	454	1,012,284
Monrovia	71	122,997	85	109,475	65	109,197	107	200,534	98	297,246	92	237,960	921	1,912,677
Montebello	33	73,435	36	134,300	34	90,750	65	253,540	—	417,640	47	184,435	347	1,465,129
Monterey	19	35,850	14	102,600	23	120,050	17	87,075	19	121,715	15	34,370	191	652,120
Napa	10	22,690	14	7,900	17	12,135	28	53,695	44	107,045	22	20,525	213	266,531
Oakland	525	938,583	559	1,078,290	539	1,293,467	691	1,691,733	587	1,489,735	420	2,031,639	6,067	11,957,370
Oceanside	30	70,900	23	139,200	—	66,600	37	54,958	45	128,330	37	93,200	337	832,643
Ontario	65	57,479	55	80,742	68	76,600	80	173,634	83	141,643	94	233,803	747	1,264,715
Orange	18	25,519	34	103,587	20	17,633	19	9,091	29	29,050	58	180,632	306	492,907
Oroville	14	5,860	23	18,762	24	38,235	26	110,238	18	37,305	13	75,630	207	427,471
Palo Alto	134	294,680	33	63,150	51	130,950	45	245,950	54	177,308	83	611,875	722	2,019,353
Pasadena	243	425,724	221	337,981	247	384,487	313	399,203	307	492,338	291	878,854	2,787	4,184,684
Piedmont	10	5,030	13	20,640	11	33,943	18	36,882	20	63,893	8	26,714	167	261,457
Pittsburg	16	34,240	13	30,975	10	39,850	19	74,860	15	69,536	9	88,700	148	430,476
Pomona	96	101,724	84	134,425	122	179,835	127	301,189	171	366,134	165	709,123	1,150	2,378,823
Redding	10	10,845	16	25,406	38	33,210	41	67,580	25	54,067	31	39,800	331	438,198
Redlands	47	79,083	47	40,177	39	26,186	65	52,827	91	172,657	65	181,299	574	696,664
Redwood City	52	224,000	29	158,900	44	263,350	69	260,397	51	335,700	239	1,375,700	686	3,305,677
Richmond	61	78,818	69	78,291	74	135,534	99	313,005	105	227,636	71	278,250	972	1,684,868
Riverside	95	111,218	121	142,253	130	125,871	177	242,655	190	302,043	154	385,579	1,600	1,690,923
Sacramento	182	559,997	177	278,145	177	331,080	180	447,470	246	708,419	200	1,585,322	1,892	4,859,714
Salinas	26	38,683	16	15,650	13	7,575	32	58,808	18	51,730	22	177,190	267	577,125
San Bernardino	225	230,828	234	274,713	227	345,483	298	622,691	279	496,471	278	878,350	2,961	4,131,729
San Carlos	35	273,697	23	135,874	38	218,200	48	313,300	82	490,940	76	760,700	432	2,722,556
San Diego	—	939,385	874	954,871	1002	1,166,680	951	1,535,057	861	1,461,171	802	1,786,006	8,148	12,780,030
San Francisco	415	1,479,521	432	1,282,793	520	1,355,658	593	1,844,942	545	$1,621,469	549	2,505,709	5,577	16,780,030
San Gabriel	36	115,837	42	121,737	—	—	46	133,890	61	216,833	49	531,079	412	1,438,712
San Jose	79	191,545	75	205,888	126	392,645	140	521,330	124	567,489	89	481,130	1,144	3,452,070
San Leandro	28	82,187	36	107,200	50	176,185	75	382,210	44	261,000	48	232,185	435	1,605,183
San Marino	32	113,047	24	91,274	30	25,175	38	100,309	44	168,303	56	327,935	385	1,027,719
San Mateo	91	336,750	81	357,506	77	297,860	124	653,707	84	543,881	89	716,280	1,071	4,688,035
San Mateo (County)	109	326,080	168	694,820	204	878,630	161	636,900	125	629,685	46	424,583	1,504	5,644,495
San Rafael	18	22,795	23	58,675	35	97,645	27	127,337	24	87,150	23	59,156	253	613,978
Santa Ana	128	300,266	114	169,936	131	191,933	156	256,349	172	283,212	138	349,670	1,429	2,454,141
Santa Barbara	54	84,722	66	342,715	45	86,815	84	229,655	93	280,705	71	215,360	772	1,637,742
Santa Cruz	57	92,028	57	89,845	71	75,569	105	167,914	64	117,995	49	138,520	719	937,393
Santa Monica	118	227,710	88	331,789	97	222,045	148	379,817	142	515,018	125	791,169	1,188	3,249,356
Santa Rosa	58	237,000	43	98,975	30	183,920	41	118,220	51	111,350	38	158,975	473	1,253,110
South Gate	96	268,142	83	242,605	182	298,706	129	353,118	115	387,011	103	469,065	1,099	3,027,645
South Pasadena	28	55,412	34	56,201	33	177,895	42	97,283	36	48,950	34	128,042	353	671,000
Stockton	78	221,010	81	196,645	52	178,285	105	274,435	94	309,434	77	435,112	969	2,590,649
Torrance	19	48,265	22	41,990	37	126,136	47	68,692	42	84,590	34	110,705	365	3,924,575
Ventura	40	23,733	33	68,405	61	62,447	55	57,711	58	77,190	34	85,300	475	511,947
Vallejo	27	63,544	29	65,340	28	86,650	47	191,325	17	32,070	21	69,335	297	815,255
Vernon	25	212,245	54	355,625	24	219,527	56	457,620	58	822,423	54	2,323,187	493	5,926,728
Watsonville	12	41,600	—	—	—	—	6	11,180	—	—	13	19,000	55	108,140
Total	10627	$24,568,402	11127	$24,680,514	11321	$28,764,689	15213	$37,889,258	15218	$47,081,404	14081	$55,105,257	138,619	$315,991,562
ARIZONA														
Phoenix	133	$ 523,952	109	$ 382,603	153	$ 549,255	226	$ 930,475	198	$ 751,252	115	$ 868,655	1,868	$ 7,166,219
Tucson	100	141,200	108	211,933	103	202,679	160	461,948	151	292,817	137	685,249	1,384	2,698,114
Total	233	$ 665,152	217	$ 594,536	256	$ 751,934	386	$1,392,423	349	$1,044,069	252	$ 1,553,904	3,252	9,864,333
IDAHO														
Boise	79	$ 53,661	108	$ 103,787	94	$ 105,241	87	$ 233,282	56	$ 364,723	31	$ 71,759	808	$ 1,292,328
Lewiston	26	20,735	44	52,097	38	50,730	42	59,860	36	30,685	26	45,087	398	354,333
Nampa	—	—	—	—	—	—	—	—	—	—	—	—	31	40,150
Total	105	$ 74,396	152	$ 155,884	132	$ 155,971	129	$ 293,142	92	$ 395,388	57	$ 116,846	1,238	1,686,811
NEVADA														
Reno	114	$ 310,468	117	$ 370,236	69	$ 1,641,290	119	$ 302,772	162	$ 304,543	216	$ 1,029,652	1,198	$ 4,484,568
OREGON														
Astoria	25	$ 19,045	40	$ 45,672	49	$ 51,945	51	$ 25,832	18	$ 22,090	14	$ 18,200	335	$ 373,640
Eugene	127	97,229	186	136,860	129	316,188	124	127,670	97	127,143	88	151,065	1,298	1,431,609
Klamath Falls	96	142,387	—	—	49	90,030	56	144,965	28	37,855	22	131,925	420	729,280
Portland	403	952,125	406	909,885	501	1,381,655	498	1,671,610	416	1,221,615	496	2,305,750	4,755	12,373,225
Salem	145	172,165	—	—	124	171,730	123	232,745	65	121,330	78	182,904	885	1,366,880
Total	796	$ 1,382,941	632	$ 1,092,417	852	$ 2,011,548	852	$2,202,822	624	$1,529,833	692	$ 2,799,844	7,693	16,274,882
UTAH														
Logan	24	$ 36,255	23	$ 71,425	17	$ 46,586	30	$ 52,675	11	$ 11,778	18	$ 45,175	190	$ 1,121,631
Ogden	54	90,250	71	234,036	72	105,350	66	171,115	43	159,570	36	125,775	608	1,367,594
Salt Lake City	132	309,154	164	650,070	188	741,490	196	682,932	245	1,094,510	98	1,615,530	1,601	5,907,525
Total	210	$ 435,659	258	$ 955,531	277	$ 893,426	291	$ 906,722	299	$1,265,855	152	$ 1,786,480	2,399	8,396,750
WASHINGTON														
Aberdeen	108	$ 23,602	100	$ 21,158	51	$ 21,165	61	$ 10,555	40	$ 41,543	—	$ —	594	$ 803,207
Bellingham	—	—			—	125,621	—	—	—	—	132	314,145	232	520,285
Seattle	461	1,644,515	403	930,790	531	1,487,365	507	1,456,980	410	1,617,485	425	1,389,700	5,431	15,436,815
Spokane	309	696,932	256	374,657	238	382,219	329	1,158,037	181	878,050	118	294,985	3,215	5,618,946
Tacoma	233	420,816	272	443,629	275	714,683	205	464,183	157	350,563	172	648,594	2,609	6,406,546
Vancouver	88	55,988	105	121,528	117	257,064	87	89,574	32	61,542	51	241,677	1,005	1,222,504
Walla Walla	38	37,080	28	136,330	47	48,780	—	—	41	146,931	39	153,410	369	785,980
Wenatchee	14	18,255	17	6,225	26	68,090	48	68,280	18	61,050	19	24,400	248	387,190
Yakima	73	86,295	80	227,195	84	130,085	91	322,615	87	130,615	73	325,965	900	1,588,215
Total	1324	$2,984,483	1261	$ 2,261,512	1369	$ 3,235,072	1328	$3,570,224	975	$3,287,779	1029	$ 3,383,876	14,603	32,760,767
GRAND TOTAL	13409	$30,422,510	13764	$30,110,630	14276	$37,463,930	18318	$46,557,363	17718	$54,871,961	16479	$65,782,856	169,002	$389,458,453

SAN FRANCISCO BUILDING PERMIT RECORD FOR THE PAST FIFTEEN YEARS

	1931		1932		1933		1934		1935		1936		1937		1938	
Jan.	486	$ 1,831,083	371	$ 606,149	272	$ 2,116,855	320	$ 472,890	382	$ 876,317	454	$ 1,029,420	505	$ 1,225,375	535	$1,576,251
Feb.	501	1,712,571	516	1,181,876	319	322,657	319	492,802	450	607,622	544	1,299,971	578	1,219,567	420	785,552
Mar.	556	2,090,129	553	1,092,291	343	548,231	442	680,403	532	1,148,746	678	886,570	879	2,091,928	712	2,167,791
Apr.	703	1,837,433	569	1,041,906	422	538,112	391	496,321	570	668,915	727	1,516,900	913	1,972,372	752	2,319,280
May	530	2,853,671	431	880,124	465	568,312	501	613,417	570	1,137,323	617	1,982,633	805	2,248,419	686	1,385,417
June	575	2,371,791	425	810,226	554	1,069,118	364	597,051	467	504,726	637	1,279,602	683	2,195,120	733	1,670,470
July	583	1,828,473	418	616,409	445	770,290	253	288,028	421	613,819	609	2,573,209	592	3,382,962	621	1,943,125
Aug.	588	1,992,305	451	1,035,744	442	544,224	352	629,728	491	1,940,917	608	1,699,327	525	2,036,872	714	1,799,348
Sept.	561	1,531,282	411	594,554	430	546,883	439	424,473	482	653,046	643	944,312	544	907,979	655	1,768,291
Oct.	583	1,357,340	426	614,619	439	474,035	454	1,863,525	570	882,650	727	2,433,848	637	881,630	795	1,858,596
Nov.	495	1,235,043	335	757,290	383	3,023,879	424	347,761	453	1,125,621	589	1,073,497	615	1,152,485	779	3,837,882
Dec.	436	751,421	350	591,492	325	633,049	418	421,973	432	1,186,081	600	3,081,759	531	930,831	649	2,120,328
Tot.	6,579	$21 372,550	5,256	*$ 9,822,680	4,839	**$11,175,645	4,677	$ 7,328,372	5,820	†$11,344,783	7,433	$19,801,048	7,807	$20,245,440	8,061	$23,232,331

	1939		1940		1941		1942		1943		1944		1945	
Jan.	650	$ 1,490,394	815	$ 2,486,626	726	$ 1,894,427	335	$ 1,354,951	123	$ 182,484	311	$ 830,080	285	$ 403,596
Feb.	682	1,709,814	633	1,720,552	687	2,857,858	330	1,206,700	106	107,003	396	996,072	408	983,152
Mar.	847	3,335,196	712	3,983,919	804	2,108,348	511	1,273,527	132	122,356	426	3,690,900	496	1,334,705
Apr.	864	1,585,063	860	2,359,083	804	4,243,771	290	650,720	311	652,394	355	921,358	472	1,206,077
May	713	3,747,847	829	1,944,973	733	2,000,913	248	1,596,178	449	5,766,321	311	539,414	412	1,005,353
June	693	2,146,282	721	2,098,770	774	2,479,068	277	525,300	266	677,399	307	511,775	450	1,757,055
July	574	2,069,767	657	6,204,350	757	3,571,371	153	651,210	402	1,128,504	305	598,272	415	1,479,521
Aug.	726	2,591,732	686	1,599,301	700	2,122,697	143	326,161	251	566,160	456	1,410,660	432	1,282,793
Sept.	680	1,412,504	719	1,771,938	644	1,517,954	124	461,028	314	822,646	273	537,734	520	1,355,658
Oct.	685	1,634,749	837	2,504,891	721	2,414,092	100	120,142	191	478,768	321	473,854	593	1,844,942
Nov.	700	1,499,808	717	2,868,458	592	9,677,138	118	1,018,600	187	700,176	256	506,501	545	1,621,469
Dec.	674	1,727,347	666	2,590,107	357	363,582	106	111,696	318	935,886	319	532,967	549	2,505,709
Tot.	8,488	$24,950,503	8,852	$32,042,968	8,299	$37,256,229	3313	$8,744,566	3,406	$12,090,187	4,036	$11,549,587	5,577	$16,780,030

*Omitting $6,605,235 total reported in November and December for Golden Gate Bridge contracts. **Omitting $45,273,106 total reported in January, may, November and December for Golden Gate and San Francisco-Oakland bridge contracts.
†Omitting $1,172,622 total reported in March for San Francisco-Oakland Bay Bridge approach contract.

OAKLAND BUILDING PERMIT RECORD FOR THE PAST FIFTEEN YEARS

	1931		1932		1933		1934		1935		1936		1937		1938	
Jan.	258	$ 680,447	188	$ 257,894	157	$ 96,148	187	$ 146,392	394	$ 480,630	397	$ 389,742	448	$ 483,901	560	$ 571,144
Feb.	253	1,000,035	222	269,399	145	120,173	194	516,592	385	1,831,482	424	388,053	408	741,015	387	368,115
Mar.	276	967,545	273	230,960	165	136,351	285	366,823	476	487,402	574	719,220	665	900,016	708	571,478
Apr.	315	945,203	221	194,986	171	127,729	272	177,631	424	305,078	511	647,869	616	956,544	673	924,403
May	239	424,848	220	334,914	201	152,434	299	220,920	398	431,933	487	481,532	540	962,068	573	959,178
June	257	643,936	193	221,338	209	316,247	284	347,967	434	715,997	601	1,916,863	534	813,446	816	920,332
July	293	484,350	136	137,323	218	272,503	302	203,562	456	319,924	655	652,588	574	796,331	654	526,179
Aug.	290	371,095	204	110,720	243	221,110	491	176,981	555	378,477	694	722,173	623	602,520	726	1,024,086
Sept.	314	350,368	237	188,773	227	179,125	474	153,932	535	376,868	638	828,616	629	519,124	1,321	896,222
Oct.	316	910,586	236	166,292	216	153,538	507	190,457	535	417,397	624	760,936	719	481,337	1,210	765,288
Nov.	278	421,359	191	129,090	200	160,579	422	137,070	423	375,207	467	693,367	636	477,094	802	652,397
Dec.	187	215,387	170	147,184	128	114,479	422	163,909	396	546,521	464	487856	489	662,697	623	873,685
Tot.	3,276	$ 7,415,159	2,491	$ 2,383,873	2,275	$ 2,050,416	4,139	$ 2,802,136	5,411	*$ 6,666,916	6,536	$ 8,688,815	6,881	$ 8,396,095	9,053	$9,114,534

	1939		1940		1941		1942		1943		1944		1945	
Jan.	697	$ 1,336,686	1,247	$ 706,307	580	$ [illegible]	491	$ 463,206	476	$ 920,485	355	$1,156,881	553	$ 313,514
Feb.	730	557,240	924	723,666	[illegible]	[illegible]	447	591,022	186	141,840	287	659,109	304	314,169
Mar.	1,011	908,797	958	1,554,761	766	1,167,550	548	455,717	194	311,028	365	703,791	515	481,018
Apr.	844	959,962	1,142	821,325	817	1,166,117	321	383,790	232	375,920	321	495,345	413	706,613
May	770	960,704	855	1,395,812	878	1,422,196	439	401,452	167	816,274	306	648,367	381	800,690
June	793	1,142,843	803	1,222,421	731	1,496,107	337	337,701	232	350,472	619	2,087,862	580	818,919
July	948	1,168,760	698	1,274,261	689	1,063,901	276	214,141	237	1,470,722	390	347,361	525	938,583
Aug.	939	788,084	884	1,184,190	558	1,050,207	351	1,005,455	230	581,781	[illegible]	443,748	559	1,078,290
Sept.	848	731,953	661	3,794,269	[illegible]	2,010,301	514	823,801	234	898,444	270	230,119	539	1,293,467
Oct.	1,093	901,189	1,016	1,062,962	617	1,133,159	554	[illegible]	595	1,783,855	339	290,587	691	1,691,733
Nov.	904	1,017,427	717	890,061	[illegible]	542,105	218	350,467	439	1,793,075	268	341,265	587	1,489,735
Dec.	963	588,509	709	1,973,752	503	833,544	202	181,890	262	1,202,632	260	266,461	420	2,031,639
Tot.	10,560	$11,083,063	10,614	$16,603,807	[illegible]	$15,816,[illegible]	4,700	$ 6,178,500	3,486	$ 9,846,528	4,145	$7,671,896	6,067	$11,957,370

*Omitting $3,018,452 total reported for Broadway low-level tunnel.

Building Permits, Contracts---Recorded Notices

BUILDING PERMIT Applications $500 AND OVER

SAN FRANCISCO

ALTER APARTMENTS, $20,000; 850 Powell St; owner, Douglas Dorn, prem; builder, Barrett & Hilp, 918 Harrison St.

ALTER LOFTS AND OFFICES, $10,000; 149 Second St; owner, Archie Bloch, c/o contractor; builder, Ira W Coburn, 2048 Market St.

2-STORY FRAME OFFICES, $6000; W Folsom 100 N 17th St; owner, Reliance Trailer & Truck Co, 2765 16th St; builder, A T Morris & Sons, 5400 Fulton St.

1-STORY FRAME DWELLING, $5,200; owner, Harlow Hanson, 1239 Vicente St; builder, G E Carlson Co, 1601 34th Ave.

1-STORY FRAME DWELLING, $5,000; E Brussels 75 S Olmstead; owne rand builder, G Carraro & Sons, 700 Fulton St.

1-STORY FRAME DWELLINGS (4), $5000 each; W Victoria 26.4, 52.8 S Randolph; E Ramsell 26.4, 52.8 S Randolph; owners, Chas T Burke and Angelo Infusino, 708 14th St; builder, Francis O'Reilly, 1127 Hearst Bldg.

ALTER STORES, $4000; 3214-16 24th St; owner, G Cunfuman, c/o contractor; builder, Anton Petersen & Sons, 2758 San Bruno Ave.

ALTER OFFICES, $2000; 2429 Ocean Ave; owner, Edna M Sumner, 890 Urbano Dr; builder, Scott & Williams, 250 Flood Ave.

ALTER OFFICES, $2000; 536 Mission St; owner, Wilson Bros, 514 Mission; builder, A F Mattock Co, 212 Clara St.

ALTER DWELLING, $2000; 345 Marina Blvd; owner, Tracy Buyers, prem; builder, A F Mattock Co, 212 Clara St.

ALTER DWELLING, $945; 620 4th Ave; owner, Geo Hill, prem; builder, Fred Isaacson, 643 Joost Ave.

1-STORY FRAME STORAGE SHED, W Shafter Ave 300 N Selby; owner and builder, Marshall T Struthers, 2001 Silver Ave.

ALTER STORES AND FLATS, $600; 1549 Webster St; owner, Rafael Yngojo, 1552 Webster St; builder, D J & T Sullivan.

1-STORY FRAME YARD OFFICE AND STORAGE, $600; SE Mariposa and Alabama; owner and builder, Bradley Plastering Co, 1266 Howard St.

ALTER CREAMERY, $500; 832 Clement St; owner, Ricci Real Estate Co, 3950 Geary St; builder, Chet Dollace Co, 1579 42nd Ave.

1-STORY FRAME GARAGE, $500; NE cor Grattan and Schrader; owner and builder, Chester Leonard, 180 Grattan.

OAKLAND

1-STORY 19-ROOM STORE BUILDING, $25,000; 293 Whitmore St; owner and builder, W H Picard Co, 4166 Broadway.

1-STORY ADDITION, $6000; 1310 14th St; owner, Carnation Co, prem; builder, Marvin E Collins, 825 Galvin Dr, El Cerrito.

2-STORY 12-ROOM APARTMENTS, $14,000; 2547-49-51-53 8th Ave; owner, James Sobaje, prem; builder, J M Olson, 1152 Versailles Ave, Alameda.

ALTERATIONS, $500; 563A College Ave; owner and builder, Harry C Sage, prem.

ALTERATIONS, $1910; 1514 56th Ave; owner, P J Bocca, premises; builder, A B Evans, 3458 Coolidge.

ALTERATIONS, $1200; 1146-58 E 12th St; owner and builder, Walsie Kelley, 8471 Donovan Dr, San Leandro.

ALTERATIONS, $1000; 6501 Gwinn Rd; owner, Mrs Morris, premises; builder, Lester O Peterson, 3626 Rhoda Ave.

ALTERATIONS, $1200; 1001 35th Ave; owner and builder, Zince Marcucci, premlsis.

DWELLING (1-story 4-room), $3500; 15046 Broadway Terrace; owner and builder, Bartlett Johnson, 6323 Valley View Dr.

SERVICE STATION (1-story concrete), $25,000; 4251 E 14th St; owner, Robt C Beck; builder, C Norman Peterson, 70 Rock Lane, Berkeley; plans by Harry A Bruno, Syndicate Bldg, Oakland.

SERVICE STATION (steel), $10,000; 1224 Jackson St; owner, Union Oil Co, 425 1st St, San Francisco; builder, C Norman Peterson, 70 Rock Lane, Berkeley; plans by Harry Bruno, Syndicate Bldg.

ALTERATIONS, $735; 675 Nevada St; owner, Sam Berry, premises; builder, Dillon Roofing Co, 5212 San Pablo Ave.

REPAIRS, $500; 343 Magnolia St; owner and builder, Ed Romero, premises.

REPAIRS, $1200; 6853 Simson St; owner and builder, Paul F Norvilla, Box 232, Moraga.

ALTERATIONS, $1000; 3700 MacArthur Blvd; owner and builder, M Caswell, premises.

ADDITION AND ALTERATIONS, $1000; 2315 90th Ave; owner and builder, C A Russell, premises.

FIRE REPAIRS, $900; 861 Milton St; owner, Lillian E Keating, prem; builder, Van Bokkelen-Cole Co, 955 22nd St.

BERKELEY

ADDITION, $600; 2609 Mathews; owner, G Davio, 2609 Mathews; builder, H Krusi, 100 Duncan Way, Oakland.

ALTERATIONS, $735; 2761 Dohr; owner, Geo J Turner, 2761 Dohr; builder, Dillon Roofing Co, 5212 San Pablo, Oakland.

ALTERATIONS, $995; 2760 Dohr; owner, Masuzi Fujii, 2760 Dohr; builder, Dillon Roofing Co, 5212 San Pablo, Oakland.

ADDITION, $600; 3025 Hillegass; owner, W D Morgan, 3025 Hillegass; builder, H J Hawkins, 2924 Hillegass.

ADDITION, $8000; 2399 Prospect; owner and builder, Nicholas Johnson, 30 Panoramic Way.

BUILDING PERMITS Granted $500 AND OVER

SAN FRANCISCO

FEBRUARY 13, 1946

2-STORY FRAME BUILDING, $10,000; 5980 Mission St; owner, A Wilmes.

1-STORY FRAME BUILDING, $8500; NW corner Wayland and Girard; owner, A Bin.

ALTER 2 FLATS AND STORE, $5000; 1554-66 Ellis St; owner, Geo Stefin.

2-STORY FRAME BUILDING, $1000; 11 Otsego (rear); owner, Lew Taylor.

2-STORY AND BASEMENT, $14,500; N Jefferson 256.3 W Divisadero; owners, Philip and Leah Gerson.

ALTER FACTORY, $40,000; 366 Guerrero St; owner, Golden State Co, Ltd.

2-STORY FRAME DWELLING, $11,000; NE cor Laston and Funston Ave; owner, Heyman Homes.

1-STORY FRAME DWELLINGS (5) $4800 each; N DeLong St 100, 125, 150, 175 W of Head St; owners, F C Frank and E Vignati.

ALTER DWELLING, $1000; 140 Park St; owner, Agustus Geo Bosnos.

ALTER STORE, $960; 912 Cole St; owner, Jack Morris.

ALTE RCAFE, $600; 697 3rd St; owner, F Kouchan.

1-STORY FRAME BUILDING, $25,000; SE cor Taraval and 16th Ave; owners, Elias Leider and John Magliorco.

1-STORY FRAME DWELLING, $5,800; W 22nd Ave 193 N Noreiga St; owner, Marvel Home Builders.

ALTER OFFICE, $5000; 351 8th St; owner, Multiphase, Inc.

ALTER DWELLING, $800; 286 Howth St; owner, Chas F deLaney.

ALTER DWELLING, $1000; 1 Otsego Ave; owners, Mr and Mrs A Ferrari.

ALTER BUILDING, $600; 137 4th St; owner, Sooman Instrument Co.

1-STORY FRAME BUILDING, $5,900; E side 18th Ave 175 S of Moraga St; owner, August Hallgren.

ALTER FLATS, $1000; 1221-23-25 Webster St; J E and Eula M Price.

ALTER HOME, $1100; 1655 27th Ave; owner, M Barde.

ALTER STORE, $2700; 39 Grant Ave; owner, R G Scanlon.

ALTER BUILDING, $4000; 4732 Geary Blvd; owner, Julius J Masaries.

1-STORY FRAME DWELLINGS (4), $5800 each; W 44th Ave 200, 225, 250, 275 S Lawton St; owner, Marvel Home Builders.

1-STORY FRAME BUILDING, $500; rear of lot NE Grattan and Shredder; owner, Chester Leonard.

BUILDING CONTRACTS

SAN FRANCISCO

CONDUIT SYSTEMS Installed VARIOUS LOCATIONS.
Owner—The Pacific Tel & Tel Co.
Contractor—F R Archibald.
Payments, Total Cost, not given.
Specifications filed Feb 12, 1946.

Plumbing Permits

BERKELEY

358 Panoramic; owner, M Langworthy; dealer, W H Picord; water closet; wash basin; wash tub; showers.

1453 Ordway; owner, ...; dealer, Al Ferreria; water closet; wash basin

2212 Grove; owner, Peter Bressee; dealer, Al Ferreria; water closet; wash basin; bath tub; sink.

1515 North; owner and dealer, H B Stout; sink; wash tub.

1403 Bonita; owner and dealer, B F Scribner; sink.

1420 Curtis; owner and dealer, J J Bernord; wash tub.

33 Tanglewood; owner, E N Holmes dealer, J H Jevans; water closet; wash basin.

1646-48 University; owner, H Williamson; dealer, J H Jevans; 3 water closets; 2 wash basins; sink; drain.

769 Euclid; owner, Mareskin & Adams; dealer, Sevendermann; 3 water closets; 3 wash basins; bath tub; sink; wash tub.

2251 Virginia; owner, Matt Holm; dealer, Sevendermann; 2 water closets; 2 wash basins; bath tub; sink; wash tub; shower.

1166 Grizzly Peak; owner, Carlini; dealer, Sevendermann; 4 water closets; 4 wash basins; bath tub; sink; wash tub; 2 showers.

1628 Chestnut; owner, Maki; dealer, Sevendermann; water closet; wash basin; shower.

864 Ensenada; owner, Harper; dealer, Sevendermann; water closet; wash basin; shower.

800 Bancroft; owner, Preston Jones; dealer, Sevendermann; water closet; wash basin; shower.

2255 San Pablo; owner, Don C Wood; dealer, Sevendermann; water closet; wash basin; drain.

Completion Notices

SAN FRANCISCO

Recorded Accepted

Feb 14, 1946—N ROBBLEE Ave 91 W Revere Ave W 150 x 100. Silver Investment Co to Nils E Johnsson..........................February 8, 1946

Feb 13, 1946—2375-83 15th AVE; 2376-80 16th Ave. Chris D McKeon to whom it may concern.... ....February 13, 1946

Electrical Permits

SAN FRANCISCO

8668 NE Cor 33rd Ave and Quintara; owner, Lindsay; contractor, Adams Elec Co; ....

8669-75 2054-58-62-66-70-74-78 31st Avenue; owner, Lindsay; contractor, Adams Elec Co; 13 outlets; 16 plugs; 13 switches; service.

8676 2200 Quintara; owner, Lindsay; contractor, Adams Elec Co; 12 outlets; 13 switches; 14 plugs; serv.

8677 1696 Ellis St; owner, Steffin; contractor, Crown Elec Co; 6 outlets.

8678 1 Gabillan Way; owner, Mahoney; contractor, Crown Elec Co; 5 outlets; 4 switches; 6 plugs.

8679 86 Commercial St; owner, Cooks & Stewards Assn; contractor, Crown Elec; 90 outlets; 20 switches; 23 plugs; motors.

8680 480 2nd St; owner, Alhpa Distrib Co; cotractor, American Elec Constr Co; 5 outlets; 1 switch.

8681 1335 Fillmore St; owner, E Wells; contractor, American Electric Constr Co; alterations.

8682 736 Divisadero; owner Marz; contractor, American Elec Constr Co; alterations.

8683 2226 Bush St; owner, Revelation Tooth Powder; contractor, Buzzell Elec Works; 1 outlet.

8684 1328 Stockton St; owner, G Robinson; contractor, F F Goodman; 6 outlets; 2 switches; 13 plugs; service.

8685 E Quesada 100 S Rankin; owner, Carraro; contractor, O J Ferrera; ....

8686 NW Girard and Harkness; owner, Carraro; contractor, O J Ferrera; ....

8687 1360 Clay St; owner, Mrs Settlemier; contractor, Malm and Welter; 2 plugs.

8688 516 Van Ness Ave; owner, Wilson; contractor, Malm & Welter; 1 outlet.

8689 325 Market St; owner, Ruderman; contractor, Bertrand Elec Co; 2 outlets.

8690 1355 Market St; owner, Clay Estes; contractor, Old S F Elec Co; signs.

8691 35 Polk St; owner, Rose Exterminator Co; contractor F J Klimm Co; alterations.

8692 424 Taraval; owner, Doelger; contractor, Edison Elec Constr Co; 1 2outlets; 8 switches; 8 plugs; serv.

8693 2120 Taraval St; owner, W T Allen; contractor, Edison Elec Const Co; 1 outlet; 1 switch; 1 plug

8694 1465 Folsom; owner, Koford Body Works; contractor, Mareloo, Inc; 16 outlets; 4 switches; 9 plugs.

8695 2809 14th Ave; owner, Claremont Cleaners; contractor, Marelco, Inc; motors.

8696 900 Santiago; owner, R Rodoni; contractor, Marelco, Inc; five outlets; 3 switches; 2 plugs; motors.

8697 1742 Eddy St; owner, ...; contractor, Byington Elec; ....

8698 1315 Steiner; owner ,Fisher; contractor, Byington Elec; ....

8699 870 Market St; owner, Flood Bldg; contractor, Central Elec Co; motors.

8700 California and Mason Sts; owner, Mark Hopkins Hotel; contractor, H C Reid & Co; 70 outlets; 14 switches; 10 plugs; motors.

8701 23 Grant Ave; owner, Robert's Fur; contractor, Decker Elec Constr Co; 36 outlets; 3 switches; motors.

8702 888 Folsom Street; owner, Frank T Tanner; contractor, Decker Elec Constr Co; ....

8703 3141 Fillmore; owner, Columbus Wine Co; contractor, Enterprise Elec Works; ....

8704 270 Bayshore Blvd; owner, Eppler Baking Co; contractor, Enterprise Elec Works; motors.

8705 Cor Vallejo St and Columbus Ave; owner, St Pauls Church; contractor, Galvin Bros; motors.

8706 1201 Vicente; owner, ...; contractor, Galvin Bros; ....

8707 Twin Peaks Radio Station; owner, U S Navy; contractor, Manning & Whitaker; 6 outlets; 10 plugs; 5 switches; service.

8708 697 3rd St; owner, Ray Allison; contractor, Manning & Whitaker; alterations.

8709 750 Market St; owner, United Cigar Stores; contractor, Manning & Whitaker; alterations.

8710 161 California Street; owner, Lloyds; contractor, Manning and Whitaker; signs.

8711 2969 24th St; owner, Albrischalt; contractor, Manning & Whitaker; signs.

8712 1923 Ocean Ave; owner, El Rey Coffee Shop; contractor, Manning & Whitaker; sign.

8713 to 8721 Various locations and owners; contractor, Manning and Whitaker; signs.

8722 250 Post St; owner, ...; contractor, Eureka Elec Co; ....

8723 Rear 2721 Harrison St; owner, Graff; contractor, Eureka Elec Co; 10 outlets; 8 switches; 16 plugs.

8724 2601 Mission; owner, Dobbs; contractor, Eureka Elec Co; 2 outlets.

OAKLAND

35419 Whitmore Pl ½ block E of Broadway; owner, Picard Plumbing; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35420 966 35th St; owner, George Scott; contractor, Paramount Electric; fixtures; alterations

35421 5923 MacArthur; owner, J J Moore; contractor, California Electric; service.

35422 49th Ave and E 14th St; owner, Don Nicholson; contractor Del Monte Electric; outlets; switches; fixtures; plugs.

35423 15th and Broadway; owner, Kahn's; contractor, T L Rosenberg; 120 fixtures.

35424 572 15th St; owner, Gruidell; contractor, T L Rosenberg Co; 15 fixtures.

35425 340 29th St; owner, Christensen & Lyon; contractor, T L Rosenberg Co; outlets; switches; fixtures; plugs; alterations.

35426 319 Center St; owner, Lehnus; contractor, T L Rosenberg; motors.

35427 3900 Harrison St; owner, Nallstrom; contractor, Clifford Electric; alterations.

35428 4472 Masterson; owner, Rinkhart; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

35429 8921 E 14th St; owner, Kearney; contractor, Clifford Electric Co; fixtures; alterations.

35430 2304 E 14th St; owner, Comperos; contractor, Neon Engineering; sign.

35431 2280 35th Ave; owner, Earhardt; contractor, Flagler Electric; 4 outlets; 1 switch; 4 fixtures.

35432 1426 Wellington; owner, Bunyard; contractor, Flagler Electric Co; alterations.

35433 1720 46th Ave; owner, Rose; contractor, Matson Electrical Equipment; fire repairs.

35434 429 6th St; owner, Rose; contractor, Matson Electrical Equipment Co; fire repairs.

35435 Grand and Harrison; owner, Cameo; contractor, Conrad Electric; alterations.

35436 3855 Greenwood Ave; owner, Feeley; contractor, Shea Electric Co; service.

35437 Cypress and Peralta; owner, Standard Oil Co; contractor, White Electric Co; motors.

35438 4925 E 14th St; owner, Carrere; contractor, Piedmont Electric; alterations.

35439 5662 Shattuck Ave; owner, Douglas; contractor, special owner; outlets; switches; fixtures; plugs; alterations.

35440 SE 14th St 200 E 102nd Ave; owner, Nelson & Rugge; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

35441 6400 E 14th St; owner, Shawk; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

35442 502 Vernon; owner, Hoover; contractor, Shea Electric Co; fixtures; alterations.

35443 404 15th St; owner, Dee's Fur Shop; contractor, Shea Electric; plugs.

35444 5841 Pinewood Rd; owner, Zinn; contractor, White Electric Co; service.

35445 BB Oakmont Ave; owner, Watson; contractor, White Electric; service.

35446 3823 E 14th St; owner, Morgan; contractor, James Anderson; fixtures; alterations.

35447 1051 Bella Vista; owner, Bella Vista; owner, Mierkey; contractor, special owner; service.

35448 4638 Geranium Place; owner, Lincoln; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

35449 6309-11-15-17 MacArthur; owner, Stifle; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

35450 1311 94th Ave; owner, Walker; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

35451 1315 94th Ave; owner, Walker; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

35452 4446 Tompkins; owner, Pinkert; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

35453 3235 Adelle Ct; owner, Sherman; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

35454 7433 Deerwood; owner, Dowling; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

35455 1940 11th Ave; owner, Pearson; contractor, Dimond Electric Co; service.

35456 1304 Broadway; owner, Rose; contractor, Matson Electrical Equipment; fire repairs.

35457 117 E 12th St; owner, Medly's; contractor, QRS Neon Corp; sign.

35458 7851 MacArthur; owner, Ray Smith; contractor, T L Rosenberg; 1 outlet; 1 switch.

35459 SE 11th and Washington; owner, Penny; contractor, T L Rosenberg Co; outlets; switches; fixtures; plugs.

35460 1819 7th Ave; owner, Thompson; contractor, T L Rosenberg Co; outlets; switches; plugs; alterations.

35461 SE 13th and Jackson; owner, Union Oil Co; contractor, Scott-Buttner Electric; outlets; switches; fixtures; plugs; motors.

35462 2 Sonia St; owner, Grodern; contractor, Scott-Buttner Electric; outlets; switches; fixtures; plugs.

35463 1935 83rd Ave; owner, Wilberg; contractor, R J Peterson; outlets; switches; fixtures; plugs; alterations.

35464 5326 E 10th St; owner, Coli; contractor, Paramount Electric Co; alterations.

35465 5755 E 14th St; owner, Safeway Stores; contractor, Paramount Electric; 1 motor.

35466 9626 San Leandro; owner, Sgnal Oil Co; contractor, Shea Electric Co; alterations.

35467 488 MacArthur Blvd; owner, Williams; contractor, Shea Electric; alterations.

35468 1525 Brush St; owner, Green; contractor, Shea Electric; fixtures.

35469 280 Santa Clara; owner, Gladding; contractor, Piedmont Electric; 3 plugs.

35470 2101 Union St; owner, Eric; contractor, Fox Electric; 1 outlet; 2 fixtures.

35471 5337 E 14th St; owner, Myer; contractor, Fox Electric Co; outlets; fixtures.

35472 6201 Harwood; owner, Goodwin; contractor, College Ave Electric Shop; outlets; servce.

35473 6108 Harwood; owner, Brady; contractor, College Avenue Electric Shop; service; range.

35474 4735 Foothill Blvd; owner, Doe; contractor, California Electric; alterations.

35475 1311 Washington; owner, Zukors; contractor, California Electric; alterations.

35476 3807 MacArthur Blvd; owner, Al's Steak House; contractor, C A Langlais; 4 plugs.

35477 1335 7th St; owner, Garrett; contractor, T Bushman Electric Co; 4 outlets; 4 fixtures; 2 plugs.

35478 607 30th St; owner, Martin; contractor, T Bushman Electric Co; 12 outlets; 13 switches; 12 fixtures; 13 plugs.

35479 1320 99th Ave; owner, Peterson; contractor, Maxwell Hardware; 9 fixtures.

35480 134 14th St; owner, Van Bokkelen; contractor, Roberts Lighting Fixture Co; 17 outlets; 17 fixtures; 5 plugs.

35481 98th Ave and San Leandro St; owner, Willoby Donut Shop; contractor, Del Monte Electric Co; sign.

35482 1049 9th St; owner, Cochrane & Celli; contractor, Pacific Electric Motor Co; plugs.

35483 801 98th Ave; owner, Yerber Products; contractor, Pacific Electric Motor; service.

35484 1250 57th Ave; owner, West Coast Macaroni Co; contractor, Pacific Electric Motor Co; motors.

35485 1135 3rd St; owner, Simplex Manufacturing Co; contractor, Pacific Electric Motor Co; service.

35486 92nd Ave and San Leandro; owner, Lincoln Lumber Co; contractor, Pacific Electric Motor Co; outlets; switches; fixtures; plugs; alterations.

35487 1001 81st Ave; owner, Peter Paul; contractor, Pacific Electric Motor Co; alterations.

35488 1960 Cypress St; owner, Gilmore Steel; contractor, Pacific Electric Motor; outlets; fixtures.

35489 3243 Adell Ct; owner, Sherman; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

35490 2672 74th Ave; owner, Pulliam; contractor, Johnston Electric; outlets; fixtures; plugs.

35491 1259 81st Ave; owner, Pulliam; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

35492 8025 B St; owner, Pulliam; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

35493 1006 90th Ave; owner, Walker; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

35494 1008 90th Ave; owner, Walker; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

35495 973 72nd Ave; owner, Walker; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

35496 3770-72 Harrison St; owner, Towers; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

35497 3774-76 Harrison St; owner, Towers; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

BERKELEY

597 144 Gilman; owner and contractor, R M Reynolds; 3 outlets; 2 switches; 1 plug; 1 circuit.

598 1420 Curtis; owner and contractor, Joseph J Bernard; 1 fixture; 1 plug.

599 1549 Hopkins; owner, Shell Oil Co; contractor, Electrical Products; 1 sign; transformer

600 1417 Grove; owner, Berkeley Chair & Lounge; contractor, Ets-Hokin & Galvan; 1 fixture.

601 1610 San Pablo; owner, Biebero Barbecue; contractor, Ets-Hokin & Galvan; 6 fixtures.

602 2498 Telegraph; owner, Dolan Pharmacy; contractor, Ets-Hokin-Galvan; 3 fixtures.

603 2530 Chilton; owner, Laughton & Craig; contractor, Gardiner Electric; 7 fixtures.

604 1740 University; owner, Pacific Telephone & Telegraph; contractor, Fred Schmits; 55 outlets; 10 switches; 15 plugs; 18 circuits.

Prospective Bidders

Improve Landing Field, St. George, Utah

BIDS: Civil Aeronautics Administration, 1500 4th St., Santa Monica, February 18, 10 A. M.; Pro. 6-46-129.

Brown Construction Co., Pueblo, Colo.

W. W. Clyde, Springville, Utah.

Gibbons & Reed C., 259 W. 3rd S., Salt Lake City, Utah.

Vinnell Co., 1145 Westminister Ave., Alhambra, Calif.

Carl E. Nelson, Logan, Utah.

Olof Nelson Construction Co., P. O. Box 267, Logan, Utah.

Wickey Engineering & Construction Co., Field House, College Hill, Logan, Utah.

Garn L. Moody, P. O. Box 469, North Hollywood.

Utah Construction Co., 1 Montgomery St., San Francisco.

3.142 MILES PROJECT CALIF. FH 32-K, EL DORADO COUNTY

EL DORADO COUNTY, Calif.—H. Earl Parker, 12th and F Sts., Marysville, at $470,032.50 submitted low total bid Feb. 14 to Federal Works Agency, Public Roads Administration, 720 Phelan Bdg., San Francisco, for furnishing materials and performing the work for construction of Project Calif. FH 32-K, Placerville - Lake Tahoe, Eldorado National Forest, El Dorado County. The length of the project is 3.142 miles.

Plans and specifications obtainable from the above office upon deposit of $10.00, returnable.

Work involves:

(1) force account, extra and misc. work contingent sum $2000;
(2) 38 acres clear and grubb;
(3) 424,000 c.y. unclass. excav.
(4) 2100 c.y. do for structures;
(5) 32,000 c.y. do for borrow;
(6) 1,300,000 yds. sta. overhaul (500 ft. free);
(7) 143,000 c.y. miles special overhaul of borrow (500-ft. free);
(8) 1,000 l.f. furrow ditches;
(9) force account, obliteration of old roadways, contingent sum, $800;
(10) 12,700 units watering of embankment;
(11) 600 units watering of subgrade;
12) 660 units watering of base course
(13) lump sum providing and maintaining water plant or plants;
(14) 16,500 tons crushed gravel or crushed stone base course, Class 2, grading C-1;
(15) pit moves for above item at $1,000 each;
(16) addl. haul for item 14, at $0.07;
(17) 110 tons medium curing cutback asphalt grade MC-2 for prime coat;
(18) 600 tons cover aggregate for type 3 seal coat grading A;
(19) 70 tons medium curing cutback asphalt, grade MC-3 for type 1 and 3 seal coats;
(20) addl. haul at $0.07 per ton mile;
(21) 11,200 tons Class F pavement, type F-1 plant mixture, grading B;
(22) 535 tons asphalt, grade 150-200 for type F-1;
(23) pit moves at $1000 each;
(24) addl. haul at $0.07 per ton mile;
(25) 340 c.y. concrete, Class A;
(26) 39,900 lbs. reinf. steel;
(27) 28,500 lbs. struc. steel, furnished, fabricated and erected;
(28) 1.1 M. ft. BM untreated timber;
(29) 144 l.f. 12-in. corru. galv. sheet metal culvert pipe (asphalt dipped);
(30) 546 l.f. 18-in. corru. galv. sheet metal culvert pipe;
(31) 2,206 l.f. 24-in., 14 gauge corru. galv. sheet metal culvert pipe;
(32) 100 l.f. 24-in., 12 gauge do;
(33) 1 12-inch corru. galv. sheet metal culvert pipe elbow;
(34) 1 18-inch do;
(35) 5 24-inch do;
(36) 98 l.f. removing, cleaning and relaying or stockpiling salvaged culvert pipe;
(37) 4 moving existing headwalls;
(38) 470 c.y. derrick placed rock retaining wall;
(39) 50 l.f. 8-in. perf. corru. galv. sheet metal pipe underdrain;
(40) 6 drop inlets, 18-in. size, type 1;
(41) 9 drop inlets, 24-in. size, type 1;
(42) 15 steel inlet covers;
(43) 2 embankment spillway inlet assemblies, type A, asph. dipped
(44) 150 sq. yds. grouted rubber gutter;
(45) 80 right of way monuments, type A;
(46) 4 concrete maintenance marker posts;
(47) 27 timber culvert markers;
(48) 154 timber guide posts;
(49) 2 timber guide posts with warning reflectors.

Total bids were:

(A) H. Earl Parker, Marysville, $470,032.50.
(B) A. R. McEwen, Sacramento, $471,888.40.
(C) E. W. Elliott Constr. Co., S. F., $488,899.90.
(D) Larson Bros. ,Sacramento, $507,121.50.
(E) Fredrickson & Watson Constr. Co., Oakland, $508,851.25.
(F) A. Teichert & Sons, Sacramento, $551,481.00.
(G) Elmer J. Warner and George R. Patterson, Stockton, $552,683.
(H) Guy F. Atkinson Co., San Francisco, $560,998.
(I) Macco Constr. Co., Clearwater, $565,835.60.
(J) Piombo Bros. & Co., San Francisco, $582,133.50.
(K) Louis Biasotti & Son, Stockton, $582,497.20.
(L) E. B. Bishop, Orland, $618,776.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)	(K)	(L)
(1)............	$2000.00	$2000.00	$2000.00	$2000.00	$2000.00	$2000.00	$2000.00	$2000.00	$2000.00	$2000.00	$2000.00	$2000.00
(2)............	900.00	1100.00	900.00	1000.00	805.00	850.00	850.00	800.00	750.00	1000.00	891.00	1100.00
(3)............	.59	.56	.59	.50	.58	.70	.649	.68	.65	.72	.72	.82
(4)............	2.00	2.50	2.00	2.50	3.35	4.30	3.00	3.50	4.50	4.00	5.00	3.50
(5)............	.60	.90	.60	.60	.47	.40	.80	.78	1.10	.77	.30	.42
(6)............	.005	.003	.005	.005	.01	.005	.005	.005	.005	.005	.075	.01
(7)............	.12	.12	.12	.16	.16	.12	.20	.16	.11	.12	.15	.13
(8)............	1.00	.25	1.00	.25	.65	.50	1.00	.20	.50	.50	.25	.40
(9)............	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00	800.00
(10)............	1.25	1.25	1.25	2.00	1.75	1.70	.75	2.00	1.85	1.80	1.50	1.80
(11)............	1.50	1.50	1.50	2.00	1.75	1.25	.75	2.50	2.00	2.00	1.50	1.80
(12)............	1.50	1.50	1.50	2.00	1.75	1.25	.75	2.50	2.00	2.00	1.50	1.80
(13)............	1500.00	1500.00	1500.00	8000.00	2400.00	1000.00	11470.00	1600.00	4000.00	4000.00	1500.00	1200.00
(14)............	2.00	1.50	2.00	3.00	2.55	2.30	2.35	2.20	2.75	2.70	2.25	2.00
(17)............	23.00	25.00	23.00	25.00	26.50	28.00	25.00	21.00	24.00	25.00	30.00	27.00
(18)............	4.50	4.00	4.50	5.00	6.25	5.00	6.00	6.00	6.25	5.75	6.50	4.00
(19)............	23.00	25.00	23.00	25.00	28.00	28.00	35.00	22.00	26.00	26.50	30.00	30.00
(21)............	4.25	3.30	4.25	5.00	4.15	4.00	4.70	4.50	5.00	4.10	5.35	4.30
(22)............	21.00	22.00	21.00	22.00	18.50	22.00	18.50	23.00	20.00	20.00	19.00	23.00
(25)............	35.00	40.00	35.00	45.00	44.00	52.00	45.00	45.00	42.00	46.00	56.00	55.00
(26)............	.08	.06	.08	.10	.07	.08	.08	.08	.06	.08	.06	.09
(27)............	.12	.15	.12	.10	.14	.15	.15	.11	.11	.12	.20	.15
(28)............	200.00	200.00	200.00	100.00	256.00	120.00	100.00	280.00	350.00	230.00	250.00	250.00
(29)............	2.00	1.60	2.00	1.50	1.55	2.00	2.00	1.75	1.50	1.75	2.30	2.00
(30)............	2.45	2.50	2.45	2.75	2.05	2.50	2.50	2.50	2.00	2.25	2.50	3.00
(31)............	3.20	3.00	3.20	3.50	3.00	3.50	4.00	3.50	3.00	3.50	3.50	3.50
(32)............	4.00	4.00	4.00	5.00	3.85	4.50	4.00	4.30	3.80	4.50	4.20	5.00
(33)............	7.50	15.00	7.50	10.00	9.50	10.00	10.00	15.00	10.00	15.00	13.50	20.00
(34)............	8.00	20.00	8.00	15.00	12.75	15.00	15.00	20.00	15.00	20.00	22.00	25.00
(35)............	11.50	25.00	11.50	20.00	16.00	21.00	20.00	25.00	20.00	26.00	30.00	30.00
(36)............	2.00	1.00	2.00	1.00	1.80	1.00	2.00	3.00	1.85	2.00	1.50	2.00
(37)............	100.00	50.00	100.00	50.00	30.00	60.00	25.00	20.00	8.00	65.00	50.00	50.00
(38)............	5.00	4.00	5.00	5.00	7.00	17.00	10.00	10.00	5.00	8.00	20.00	10.00
(39)............	1.60	2.00	1.60	1.50	2.65	1.20	1.50	1.50	2.00	1.50	1.75	1.00
(40)............	80.00	75.00	80.00	100.00	49.00	54.00	30.00	90.00	64.00	65.00	50.00	60.00
(41)............	85.00	100.00	85.00	100.00	53.00	60.00	40.00	100.00	70.00	70.00	75.00	100.00
(42)............	68.00	30.00	68.00	75.00	17.00	25.00	30.00	25.00	23.00	32.00	30.00	50.00
(43)............	27.00	25.00	27.00	25.00	24.00	30.00	25.00	30.00	28.50	30.00	25.00	10.00
(44)............	6.00	3.00	6.00	4.00	4.55	3.50	10.00	4.00	1.25	6.00	2.00	5.00
(45)............	8.00	5.00	8.00	5.00	4.00	6.00	2.50	4.00	6.75	5.00	5.00	7.00
(46)............	10.00	10.00	10.00	25.00	6.00	6.00	4.00	6.00	7.50	10.00	10.00	10.00
(47)............	5.00	3.00	5.00	4.00	4.00	5.00	3.50	5.00	7.40	4.00	5.00	4.00
(48)............	5.00	3.00	5.00	4.00	4.00	5.00	3.50	6.50	7.00	4.00	5.00	4.00
(49)............	10.00	10.00	10.00	8.00	6.50	6.00	6.00	8.00	8.00	6.00	6.50	10.00

Store Building, Broderick Street, Oakland, Calif.

BIDS: Architects Miller & Warnecke, Financial Center Bldg., Oakland, February 26, 2 P. M.

Erbentraut & Summers, 446 Sixth St., San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco.

Parker, Steffens and Pearce, 135 South Park, San Francisco.

Stolte, Inc., 8451 San Leandro St., Oakland.

John M. Bartlett, 1706 Parker St., Berkeley.

Empire Constr. Co., Ltd., 344 Harriet St., San Francisco.

Ed Stahl.

Store Building, Berkeley

BIDS: University YMCA, Berkeley, c/o Architects Miller & Warnecke, Financial Center Bldg., Oakland, February 26, 2 P. M.

Erbentraut & Summers, 446 Sixth St., San Francisco.

Parker, Steffens and Pearce, 135 South Park, San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco.

Stolte, Inc., 8451 San Leandro St., Oakland.

Ed Stahl.

John M. Bartlett, 1706 Parker St., Berkeley.

Sheet Metal Shop, 22nd and S Sts., Sacramento

BIDS: Architect Gordon Stafford, Forum Bldg., Sacramento, February 15, 4 P. M.

Transwestern Construction Co., 1402

Shops Building, Junior College Site, Peninsular Ave. and Delaware St., San Mateo, Calif.

BIDS: San Mateo Junior College District, business office, San Mateo Junior College Science Bldg., San Mateo, February 13, 8 P. M. Plans prepared by Architect Harry A. Thomsen Jr., 315 Montgomery St., San Francisco.

C. L. Wold Constr. Co., 4412-4416 Fulton St., San Francisco.

MacDonald, Young & Nelson, 127 Montgomery St., San Francisco.

Monson Brothers, 475 Sixth St., San Francisco.

Midstate Constr. Co., 1299 Bush St., San Francisco.

James I. Barnes Constr. Co., 941 Russ Bldg., San Francisco.

Chevrolet Agency, W. 4th St., San Rafael

BIDS: Architect C. F. Gromme, Alberts Bldg., San Rafael, February 15, 5 P. M.

Younger Construction Co., 575 Mission St., San Francisco.

Litchfield Construction Co. ,721 Francisco Blvd., San Rafael.

John Rocca.

Charles E. Warner, 9 Antoinette Ave., San Rafael.

Peter Sartorio, 262 Clementina St., San Francisco.

De Luca & Son, 1745 Filbert St., San Francisco.

C. F. Betz, Sausalito (Sausalito

Theater Building, Salinas

BIDS: Architect Francis E. Lloyd, 210 Post St., San Francisco, Feb. 15, 4 P. M.

Erbentraut & Summers, 446 Sixth St., San Francisco.

Howson Brothers, Gilroy.

Carl N. Swenson Co., 355 Stockton Avenue, San Jose.

Richland Elementary School, Shafter, Kern County, Calif.

BIDS: Richland Elementary School District, Shafter, Feb. 27, 7:30 P. M. Plans prepared by Architect Ernest J. Kump Co., 251 Kearny St., San Francisco.

L. H. Hansen & Sons, 313 Palm Ave., Fresno.

A. J. Hendricks, Route 3, Box 205, Bakersfield.

Guy E. Hall, 1326 30th St., Bakersfield.

M. J. King, Inc., 231 Franklin St., San Francisco.

Jas. I. Barnes Constr. Co., 941 Russ Bldg., San Francisco.

Rademann-Giusto, 40 Ringold St., San Francisco.

Track and Telephone Line Relocation, Idaho Northern Branch, Oregon Short Line Railroad

BIDS: Bureau of Reclamation, Boise, Idaho, February 28, 10 A. M.

Nat McDougall Co., Sherlock Bldg., Portland.

Max J. Kuney Co., N 120 Ralph, Spokane.

Vernon Brothers, 8th and Orchard Avenue.

M. K. Engineering Co., Inc., Albany, N. Y.

Wixon-Crowe, Redding, Calif.

Condon - Cunningham Co., Omaha, Nebraska.

Oregon Residence, San Anselmo, Calif.

BIDS: San Francisco Theological Seminary, San Anselm, February 21, 3 P. M. Plans by Architect James H. Mitchell, 407 Sansome St., San Francisco.

B. & R. Construction Co., 268 Market St., San Francisco.

D. B Ferrero, 31 Belle Ave., San Anselmo.

Litchfield Construction Co., 721 Francisco Blvd., San Rafael.

Peter Sartorio, 262 Clementina St., San Francisco.

S. J. Amoroso Construction Co., 2100 Oakdale Ave., San Francisco.

Residence, Merced Ave. near Garcia, San Francisco, Calif.

BIDS: Mr. Elrego, c/o Architect John J. Foley, 770 5th Ave., San Francisco, February 14, 5 P. M.

M. J. King, Inc., 231 Franklin St.

Ed Zinkand & Son, 667 36th Ave.

Jack Callaghan, 900 Clayton St.

EMPLOYMENT SERVICE

For further information regarding positions listed under this classification address Newton D. Cook, Manager, Engineering Societies' Personnel Service, 57 Post St., San Francisco.

TECHNICAL PERSONNEL, ()a Mechl. designer, exper. on complex mechl. movements; (b) aeronautical stress analyst for model design; (c) testing engineer familiar with optical and electrical devices for structural testing. Duration 6-12 mos. Salary open. East Bay. S-515. Newton D. Cook, 57 Post St., San Francisco.

TRANSITMAN for genl. land surveys. Salary about $300 mo. Carmel. S-592. Newton D. Cook, 57 Post St., San Francisco.

DRAFTSMAN, genl. civil engrg. exper., for municipal work. Perm. $300 mo. East Bay. S-586. Newton D. Cook, 57 Post St., San Francisco.

STRUCTL. DESIGNER, exper. on preparation of steel and concrete design drawings. Sal. open. San Francisco. S-580. Newton D. Cook, 57 Post St., San Francisco.

STRUCTL. or ARCHTL. DESIGNERS and DRAFTSMEN for private office. Sal. open. San Francisoo. S-447. Newton D. Cook, 57 Post St., San Francisco.

MINING ENGINEER, familiar with gold mining or milling, for perm. connection with good prospects in proven ground. Married man pref'd. Salary open. Location South America; hdqs. California. S-565. Newton D. Cook, 57 Post St., San Francisco.

DRAFTSMAN, good delineator, with some knowledge of geology. Sal. $2400 yr. San Francisco. S-594. Newton D. Cook, 57 Post St., San Francisco.

SALES ENGINEER, pref. with pump exper., for established mfr. Must be willing to travel. Sal. and com. Northwest. S-531. Newton D. Cook, 57 Post St., San Francisco.

ARCHTL. DESIGNER with several yrs. exper. on the drawing board for construction co. Salary open. San Francisco. S-573. Newton D. Cook, 57 Post St., San Francisco.

SALES ENGINEER, exper. in food and beverage processing and packaging, for established agency. Salary open. San Francisco. S-494. Newton D. Cook, 57 Post St., San Francisco.

Classified Advertising

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SR. ARCHITECTURAL DRAFTSMAN for permanent position in Monterey. Good opportunity. For appointment phone C. J. Ryland, Carmel 404, reversed, or write Box 847, Monterey. (2/13-14-15-18/46)

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Fifty-sixth Year—Vol. 56—No. 34 SAN FRANCISCO, MONDAY, FEBRUARY 18, 1946 PRICE 15 CENTS PER COPY

PLANS and Speculations

San Francisco: Plans for the construction of a new warehouse by the Emporium on Howard St., between 4th and 5th Sts., were announced by E. C. Lipman, vice-president and general manager.

oOo

Oakland: Dr. Frank B. Tower has announced plans for the construction of a recreation center on a site with 154-ft. frontage on Piedmont Avenue between MacArthur Boulevard and Yosemite Avenue. Doctor Tower will invest $150,000 in a specially designed structure of 40,000 sq. ft. Twenty bowling alleys will be installed on upper floors while a large restaurant will occupy the main floor.

oOo

San Mateo: The Coyote Point Yacht Club has requested permission to moor a barge at the foot of East Poplar Avenue to serve as a temporary club house until materials are available for the construction of a building on the club's five-acre tract at Coyote Point.

oOo

Hollister: San Benito County's highway and bridge program for the present fiscal year calls for an expenditure of $100,324.

oOo

Martinez: Contra Costa County highway and bridge program for the present fiscal year calls for an expenditure of $863,745.

oOo

Stockton: San Joaquin County's highway and bridge program for the present fiscal year calls for an expenditure of $975,155.

oOo

Sacramento: Directors of Sacrament County Fair Assn. have announced plans for spending $28,000 in improvements for the Galt Fairgrounds. Work will be done in time for this year's program.

oOo

Marysville: G. A. Powers and A. F. Lawton, proprietors of the Rideout Memorial Hospital, have announced plans for immediate expansion. The program will include construction of a one-story wing, 33 by 142 feet, and extensive remodeling of the present structure. An expenditure of $75,000 is anticipated.

oOo

Woodland: City school trustees have reopened negotiations with the City of Woodland for the ultimate construction of a swimming pool on school property south of the high school campus.

oOo

Reno: Plans for the improvement of the Nevada State Hospital include a new ward building, a surgical hospital and a power plant.

Otis Elevator Co. Gets Public Service Award

Long-established names in the building material and machinery industry were honored when the Brand Names Research Foundation presented "certificates of public service" to 206 firms at a testimonial dinner at the Hotel Astor, New York City.

Of the total number of certificates, eight were awarded to companies who have been serving the building material and machinery trade for more than 50 years. The citations, lauding the companies for their many years of service, were read to a capacity audience of 1250 guests by George L. Russell, Jr., president of the John B. Stetson Co. and past chairman of the Brand Names Research Foundation.

The Thatcher Furnace Co. and the Otis Elevator Co. were the two oldest companies in the building material and machinery field to receive certificates. Carl Sahler, president of the Thatcher Furnace Company, received the award for that company (1850); and L. A. Petersen, president of Otis Elevator Company, accepted the award (1852).

Other companies receiving awards, together with date of corporate birth, included: Devoe & Reynolds, Inc. (1856); Foster Pump Works, Inc. (1890); The Ruberoid Company (1892); Underwood Corporation (1895); Penn Metal Corporation of Pennsylvania (1885); and the Lanston Monotype Machine Co. (1887).

Members of the Host Committee for the dinner included Theophil H. Mueller, president of Julius Kayser & Co., and C. R. Palmer, president of Cluett, Peabody & Co.

The Brand Names Research Foundation is a non-profit corporation chartered in the state of New York. It is supported by manufacturers, advertising agencies, publishers, and others interested in the factual study of the place of brand names in the American distribution system and general economy, and in the dissemination of the facts obtained in these studies.

California Will Have Over Million Veterans As Civilan Residents by End of 1946

California will have over a million World War II veterans as civilian residents by the end of 1946, the research department of the California State Chamber of Commerce predicts in its monthly report on economic conditions, released today. By the end of 1945, there were 710,000 veterans in the state, including 186,000 from other states, the report declares, with 288,000 former Californians to be demobilized this year, while a large number of veterans from other states will establish residence here.

The report follows:

"In California, as elsewhere during January, industrial strife continued to delay conversion, cause unemployment, reduce production, and increase the dangers of inflation. The machinists' strike in the San Francisco Bay region, together with auto assembly and steel strikes, is keeping many thousands idle. In the Los Angeles area about 16,000 workers are idle thru steel and other strikes. More are being added as the paralyzing effect of steel and other material shortages spreads. The recent strike at Consolidated Vultee Aircraft Corp. in San Diego has added several thousand more to the ranks of idle workers.

"The last official estimated of the number unemployed in California made by the U. S. Employment Service in mid-December was 262,000. Since then the number of veterans drawing federal unemployment compensation claims rose some 36,000, and the number of workers with compensable state claims increased about 37,000. As of January 24, there were 196,000 California workers with compensable claims, 63,000 veterans, and 10,000 others drawing claims against other states.

"Since V-J Day some 440,500 discarged war veterans returned to civilian life in California, including 93,500 from other states. Veterans in the state at the end of 1945 numbered 710,000, including 186,000 from other states. Some 288,000 more former residents of California will be demobilized in 1946, plus an unknown number of veterans from other states, indicating more than a million World War II veterans will be in this state before the end of this year.

"Preliminary estimates of incomes of civilian residents of California during 1945 are about $11,492,100,000, or 6 per cent less than during 1944. Largest decrease was in war manufacturing industries where payrolls dropped 28.6 per cent. Factory wage earner payrolls decreased from $171,000,000 monthly at the beginning of 1945 to $76,000,000 at the low period in November, but rose again in December. Payrolls in non-manufacturing activity rose during 1945. Net incomes of farmers were slightly lower in 1945 than in 1944, due to increased labor and other costs, although gross returns were about 3 per cent higher.

"Despite some decreases in income, California's retail sales rose to new record levels of some $6,574,000,000 in 1945, 10.6 per cent higher than 1944. Liquid assets in the hands of individuals and firms in California, which had risen to $15,251,000,000 by the middle of 1945, or three and one-half times the prewar level, continued to increase during the latter part of the year. December department store sales were 11 per cent above December, 1944, and for the four weeks ending January 26, ranged from 2 per cent higher in San Francisco to 7 per cent higher in Los Angeles, compared to the same period last year.

"Seasonal lay-offs and strikes caused a net decline of about 7500 wage earners in California manufacturing between the middle of December and the middle of January, according to preliminary estimates, bringing employment to about 392,000. Factory employment in the San Francisco Bay area increased slightly during this period. In Los Angeles county it decreased by 6,500. Industries showing a recent upward trend include textiles, apparel, rubber and petroleum products, furniture and non-ferrous metals.

"Value of mineral production in 1945 was $488,244,000, an increase of nearly 4 per cent over 1944. Most of this increase was due to petroleum, natural gas, cement, gold and building stone. Average daily production of petroleum during December and January remained fairly stable at about 840,000 barrels a day, about 100,000 barrels below the war peak, but far above the prewar level.

"Value of building permits issued in California cities during December totalled $55,105,257, 17 per cent greater than in November and six and one-half times December 1944.

DDT Wallpaper Available About April 1st

DDT insecticide, proven during the war to be one of the most effective means of pest control yet developed, has been incorporated in a new type of ready-pasted cedar closet wallpaper by the Trimz Company, Inc., Chicago. This new product, which will be known as Trimz ready-pasted cedar closet wallpaper containing DDT insecticide, is the latest development from the laboratories of United Wallpaper, Inc., world's largest manufacturer of wallpaper, the parent company, and originator of ready-pasted wallpaper and similar products.

Moths, ants, flies, mosquitoes, silverfish, and many other insects die shortly after coming in contact with this new wallpaper, which contains 5% of active DDT insecticide in the top coating. It is non-hazardous to human beings and domestic animals.

The DDT which in the past has been apparent as a white powder when sprayed or otherwise applied to wallpaper has been dyed to the correct color during the manufacture of this new wallpaper, and so incorporated into the product that does not show and will not rub off.

Guaranteed effective for a year or more, the new wall paper is similar in appearance to the cedar closet wallpaper which homemakers have been using for many years to line closets, bureau drawers and clothes chests. The pattern which simulates real cedar boards in color and wood grain, is printed on paper made of genuine cedar wood with colors containing the DDT insecticide, and has the natural cedar odor.

The new Trimz DDT treated cedar closet paper is ready-pasted, which means that the entire application of the paper can be made without mess, special tools, or previous experience. It requires no special hanging preparation, and is thoroughly washable. Just dip it in water and apply it.

This new DDT treated ready-pasted cedar closet wallpaper is sold in packages containing 48 feet of paper 15 inches wide, packed in a box and wrapped and sealed in cellophane so that the original cedar odor is held securely sealed in the paper. The retail price is $2.98 per package. The rolls are narrower than standard wallpaper, which makes hanging in small areas easy for the housewife. Because there is no matching of pattern, strips can be easily applied side by side by the most inexperienced person.

Trimz DDT cedar closet wallpaper will be available throughout the United States about April 1st.

GROOVER AND I

ABACUS

The War Department has just unveiled the "world's fastest calculating machine". The gadget weighs thirty tons and utilizes 18,000 vacuum tubes or electronic valves.

* * *

It is stated that this machine is an electronic big brother of the "abacus".

* * *

The origin of the Chinese abacus, or Shwan-pan, is lost somewhere along the overgrown trails of ancient history. It proves, however, that for thousands of years the Chinese have realized the simplicity of the decimal system.

* * *

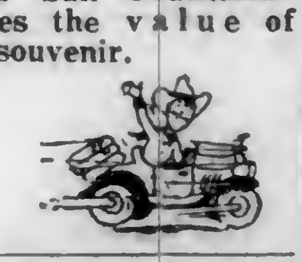
The Army counting "gismo" is interesting but not news. The Monroe Calculating Machine Company, in building their very efficient calculators, have merely mechanized the principle of the abacus. Clever people—these Chinese!

* * *

Among my more cherished trivia is the abacus personally used by San Francisco's beloved and respected but departed Sing Fat for over a quarter of a century.

* * *

Only a San Franciscan appreciates the value of such a souvenir.



East Bay Home Builders Will Go To Chicago Meet

Fifteen Eastbay home builders and affiliates have announced their intention to attend the convention and exposition of the National Association of Home Builders, at the Stevens Hotel in Chicago, February 25 to 28.

Included in the group are Maurice G. Read, Alvin F. Groom, C. H. McEntyre, L. H. Lincoln, Geo. Taylor, Ernest Conneau, James McTaggert, Howard Pulliam, Abe Doty, Maurice Cox, Charles Russell, S. M. Shapero, John Keuffer, Ray Nichols and Otto Blauert.

All exhibit space has already been taken for what is planned as the largest home building convention ever held. More than 5,000 builders, dealers, architects, real estate brokers, and bankers will attend. Principal theme for panel discussions is "Homes for Veterans." Frank W. Cortright, executive vice-president of the national association, will preside.

—#—

Sylvania Electric Appoints New Field Engineer

William B. Kennedy, formerly Commercial Engineer for Sylvania Electric Products, Inc., in Salem, Mass., has been appointed Pacific Coast Field Engineer, according to an announcement by George R. Sommers, Pacific Coast Sales Manager for the company.

Kennedy entered the lighting industry when he joined the staff of the Chicago Lighting Institute. In 1937, he took the post of Commercial Lighting Representative or Wisconsin Power and Light Company in the Fond du Lac District and in 1941 became Illuminating Engineer for Wisconsin-Michigan Power Company.

He joined Sylvania Electric in 1944.

An associate member of the Illuminating Engineering Society and a member of Eta Kappa Nu, Electrical Engineering Fraternity, Kennedy holds the degree of Bachelor of Science in Electrical Engineering from Iowa State College.

Did You Know That . . .

John Davis Young, architect, has opened offices in Menlo Park. Address: North Lemon Avenue; telephone Palo Alto 2-4884.

—0—

The Litchfield Construction Co. has opened their new offices and warehouse at 721 Francisco Boulevard, San Rafael.

—0—

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DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Residential Buildings 22-26
Transportation Bldgs. 27
Miscellaneous Bldgs. 28-30

1-8—COMMERCIAL BLDGS.

2/18/46 1
PLANNED
BANK BUILDING Cost, $110,000
WALNUT CREEK, Contra Costa Co., Calif. East side Main St.
Construction of new bank building.
Owner—Bank of America, 300 Montgomery St., San Francisco.
Plans by Capital Co., 1 Powell St., San Frnacisco.

2/18/46 • 3
CONTRACT AWARDED
SAN FRANCISCO NAVAL SHIPYARD.—Erbentraut & Summers, 446 6th St., San Francisco, at $1,123,650, was awarded contract by the Public Works Office, Room 2110, Administration Bldg., San Francisco Naval Shipyard for the construction of a 4-story reinforced concrete supply storehouse building, which shall be used for the storage of supplies and which includes track construction, paving, elevators, a cafeteria and a sprinkler system, all within the Navy Yard; Spec. 17366; NOy 13196.

2/18/46 6
PLANS BEING FIGURED
LAS VEGAS, Nev. — Architect Aloysius McDonald, 800 S 6th St., Las Vegas, Nev., has completed plans and is taking bids from a selected list of contractors for the construction of a one-story concrete block store building, 50x136 feet in area, at 115 N. 5th St., Las Vegas, Nev., for Sandall & Davis Co. Bids are to be submitted Thursday, March 15

2/18/46 • 8
TO ASK BIDS
BANK Est. Cost, $65,000
EAST SALINAS, Monterey Co., Calif. Alisal St.
Construction of a one-story reinforced concrete bank building.
Owner—Monterey County Trust & Savings Bank, Alisal Branch.
Architect—Shas. E. Buttner, 7 Winham St., Salinas.

The board of directors will meet next Tuesday to set a bid opening date, which will probably be March 5.

2/18/46 • • 6
PLANS BEING FIGURED—BIDS OPEN FEB. 23, NOON
STORE BUILDING
PALO ALTO, Santa Clara Co., Cal. 469-479 University Avenue.
Construction of one-story reinforced concrete store building (100x100x20 ft.) to contain five stores.
Owner—Withheld.
Architect—Leslie I. Nichols, 156 University Ave., Palo Alto.

Following contractors are figuring plans:

Nichols White, Inc., 156 University Ave., Palo Alto.

Wells P. Goodenough, 49 Wells Ave., Palo Alto.

Renett Constr. Co., 931 Menlo Oaks Drive, Menlo Park.

2/18/46 • 8
BIDS IN—HELD UNDER ADVISEMENT
STORE BUILDING
SAN FRANCISCO. Valencia St. north of Duboce Ave.
Construction of one-story frame and stucco store building (50x90 ft.), glass vitrolite front.
Owner—Kunst Bros., 1033 Mission St.
Architect—John J. Foley, 770 Fifth Ave.
Announcement shortly.

2/18/46 • 8
BIDS IN—HELD UNDER ADVISEMENT
CHEVROLET AGENCY
SAN RAFAEL, Marin County, Calif. W. Fourth St.
Construction of one-story reinforced concrete Chevrolet agency building.
Owner—Withheld.
Architect—C. F. Gromme, Alberts Bldg., San Rafael.
Announcement shortly.

2/18/46 • • 7
PLANS BEING RE-FIGURED
MARKET AND STORE BLDG.
MILL VALLEY, Marin County, Cal. Blithedale and Sycamore Streets.
Construction of one- and part two-story frame and stucco market and store building.
Owners—H. W. Johnson and H. T. Lenci, c/o architect.
Architect — Winfield H. Hyde, 706 Butler Bldg., Stockton and Geary Streets, San Francisco.

Bids received January 14 were rejected and plans are being re-figured.

The previous low bidders were: De Luca & Son, 1745 Filbert Street, San Francisco; Stolte, Inc., 8451 San Leandro St., Oakland, and Litchfield Const. Co., 271 Francisco Blvd., San Rafael.

2/18/46 • • 8
PLANS BEING RE-FIGURED
GARAGE AND SALES BLDG.
MILL VALLEY, Marin County, Cal. Cor. Blithedale and Sycamore Sts.
Construction of 1-story concrete and wood garage and sales building (10,000 sq. ft.) and steel service station.
Owner—Tamalpais Motor Sales Co., Oliver Sollom, Fort Motor Agent, Mill Valley.
Architect — Winfield H. Hyde, 706 Butler Bldg., Stockton and Geary Streets, San Francisco.

Bids received January 15 have been rejected and plas are being refigured.

The previous low bidders were: Litchfield Constr. Co., 271 Francisco Blvd., San Rafael; Stolte, Inc., 8451 San Leandro St., Oakland, and De Luca & Son, 1745 Filbert Street, San Francisco.

2/18/46 7
PLANNED
MARKET
CASTRO VALLEY, Alameda County, Cal. Bet. San Miguel and Santa Maria Sts. on Castro Valley Blvd.
Construction of one-story food market, one-way drive and parking space for approx. 30 cars.
Owner — Attilio Napolitano, Castro Valley.

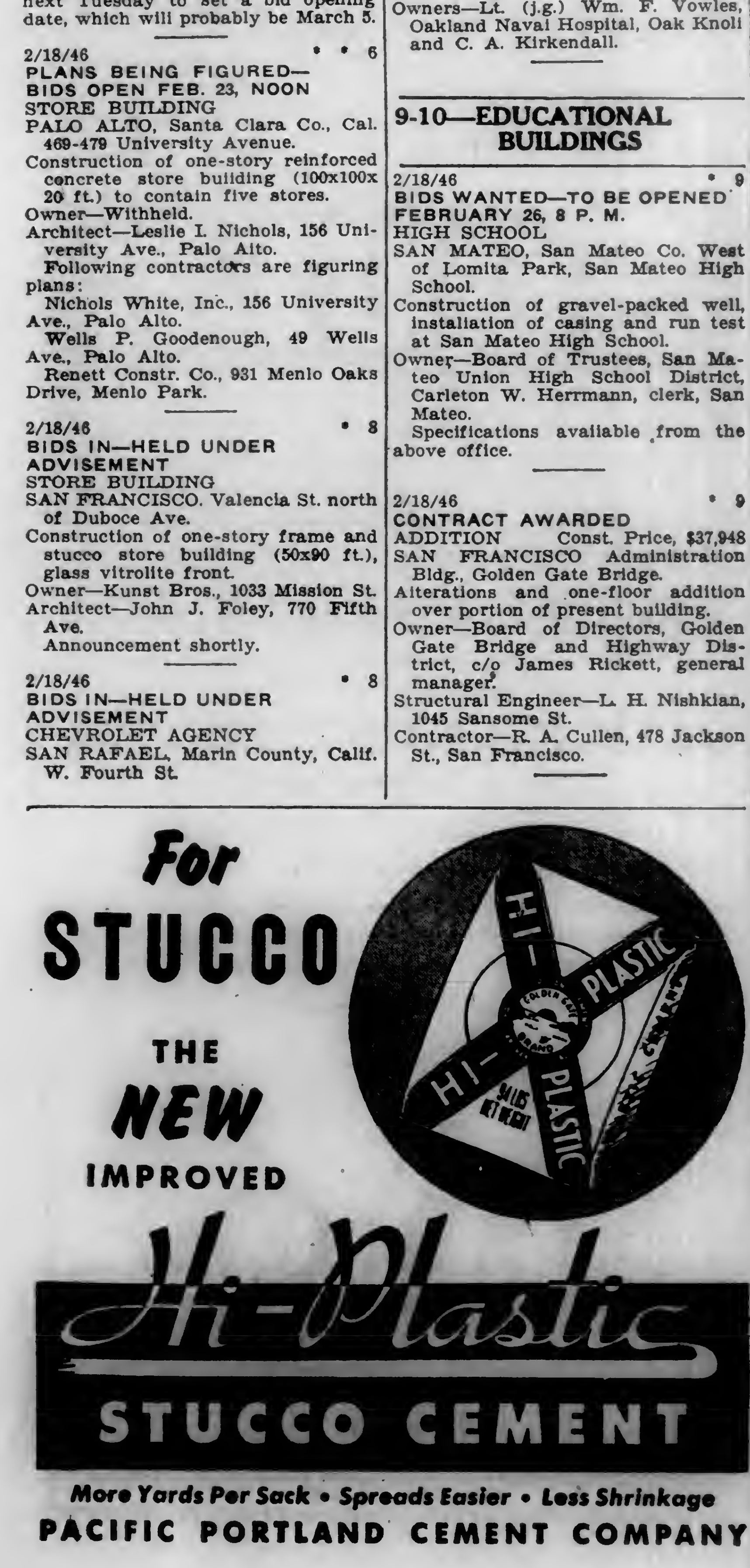
2/18/46 8
PLANNED
STORE
LOS GATOS, Santa Clara Co., Cal. 47 East Main Street.
Expansion of pharmacy, modernistic glass front, addition of 16 feet in width to present area of Los Gatos Pharmacy.
Owners—Lt. (j.g.) Wm. F. Vowles, Oakland Naval Hospital, Oak Knoll and C. A. Kirkendall.

9-10—EDUCATIONAL BUILDINGS

2/18/46 • 9
BIDS WANTED—TO BE OPENED FEBRUARY 26, 8 P. M.
HIGH SCHOOL
SAN MATEO, San Mateo Co. West of Lomita Park, San Mateo High School.
Construction of gravel-packed well, installation of casing and run test at San Mateo High School.
Owner—Board of Trustees, San Mateo Union High School District, Carleton W. Herrmann, clerk, San Mateo.

Specifications available from the above office.

2/18/46 • 9
CONTRACT AWARDED
ADDITION Const. Price, $37,948
SAN FRANCISCO Administration Bldg., Golden Gate Bridge.
Alterations and one-floor addition over portion of present building.
Owner—Board of Directors, Golden Gate Bridge and Highway District, c/o James Rickett, general manager.
Structural Engineer—L. H. Nishkian, 1045 Sansome St.
Contractor—R. A. Cullen, 478 Jackson St., San Francisco.



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2/18/46 • 9
CONTRACT AWARDED
SHOPS BLDG. Cont. Price, $69,900
SAN MATEO, San Mateo Co., Calif. Peninsular Ave. and Delaware St.
Completion of the general construction of the shops building on the junior college site.
Owner — San Mateo Junior College district, business office, San Mateo Junior College Science Bldg., San Mateo.
Architect—Harry A. Thomsen Jr., 315 Montgomery St., San Francisco.
Contractor—C. L. Wold Construction Co., Ltd., 4412-16 Fulton St., San Francisco.

2/18/46 9
PLANNED
SCHOOL BLDG. Est. cost, $25,000
LOS GATOS, Santa Clara Co., Cal. Los Gatos union elementary school grounds.
Construction of temporary classroom building.
Owner—Los Gatos District School Board, Paul Straub, chairman, 231 San Jose Ave., Los Gatos.

2/18/46 • • 9
PREPARING MASTER PLAN
HIGH SCHOOL PLANT
LINCOLN, Placer County, Calif.
Preparing master plan for complete new high school plant.
Owner—Lincoln Union High School District, Lincoln.
Architect—Gordon Stafford, Forum Bldg., 9th and K Sts., Sacramento.

The school distrct contemplates a bond election in the amount of approximately $240,000 to assist in financing the above construction.

2/18/46 • 10
PLANNED
COLLEGE CAMPUS Cost $5,000,000
SAN FRANCISCO. 19th Ave and Holloway St., 60-acre tract near Lake Merced.
Construction of new college campus to include reinforced concrete classrooms, $368,000; gymnasium and swimming pool, $653,300; powerhouse and shops, $135,000; administration building, $127,000; science building, $486,000; library, $387,000; music and speech building, $493,000; fine arts building, $286,000; industrial arts building, $134,000; cafeteria building, $167,000.
Owner—San Francisco State College, Dr. J. Paul Leonard, president, 124 Buchanan St., San Francisco.

Plans by State Architect Anson Boyd, Public Works Bldg., Sacramento.

11—HOSPITALS

2/18/46 • 11
BIDS WANTED

LIVERMORE, Alameda Co., Calif. —Until March 12, 1:30 P. M., bids will be received by the Veterans' Administration, Washington 25, D. C., under Project No. 2633 for steel flagpole and base for Veterans' Administration Hospital at Livermore.

Specifications obtainable from the Construction Service, Veterans' Administration, Washington 25, D. C., or from the supervising superintendent of construction, Veterans' Administation, Palo Alto.

2/18/46 • 11
PLANNED
HOSPITAL
ORLAND, Glenn County, Calif.
Construction of privately owned and operated hospital.
Owner—William A. Jackson, 80 Duncan St., San Francisco.

12-13—INDUSTRIAL BUILDINGS

2/18/46 • 42
BIDS WANTED

SACRAMENTO, Calif.—Bids will be received by the State Purchasing Agent, Sacramento, for materials as follows:

February 18

QUO. 35786, REQ. 12092:

200 tons coarse, sharp sand; one railroad car to Longvale; 1 railroad car to Arnold; one railroad car to Willits; one railroad car to Calpella.

February 19

QUO. 35735, REQ. 7485:

One reversing type traction-driven pull-type street broom on pneumatic-tired wheels; one extra broom for above equipment, f.o.b. Fresno.

2/18/46 • 12
BIDS IN—HELD UNDER ADVISEMENT
FROZEN FOOD LOCKER
SAN ANSELMO, Marin Co., Calif. Greenfield Ave.
Construction of one-story concrete and steel frozen food locker building (40x80 ft.)
Owner—J. J. Ongara, c/o architect.
Architect — C. F. Gromme, Alberts Bldg., San Rafael.
Announcement shortly.

2/18/46 12
PLANNED
REFRIGERATION PLANT Cost, $45,000
SAN LEANDRO, Alameda Co., Calif. Davis and Dabner Sts.
Construction of refrigeration plant of 1300 food lockers.
Owners—T. E. Morehouse, James D. Munson and Walter A. Stover, 2166 Washington Ave., San Leandro.
Architect—Not announced.

2/18/46 • 12
PLANS BEING FIGURED

TORRANCE, Los Angeles Co., Calif.—Bids will be received by Architects A. D. Walker & Associates, 530 W. 6th St., Los Angeles, at 9 P. M., March 25 (bid opening date postponed from February 25), for the construction of a one-story and mezzanine reinforced concrete publishing plant at 1332 Marcelina St., Torrance, for the Torrance Herald, Grover Whyte, publisher, 1336 El Prado, Torrance. The building will be 140x30 ft. in area, with a 30x30-ft. wing at the rear.

Plans were prepared by Architects A. R. Walker & Associates, 530 W. 6th St., Los Angeles; William Porush, structural engineer, 306 W. 3rd St., Los Angeles; Hilburg, Byler & Hengstler, electrical engineers, 816 W. 5th St., Los Angeles.

2/18/46 • 12
SUB-CONTRACT AWARDED
FOOD PACKING PLANT Cost, $1,000,000
OAKLAND, Alameda County, Calif. 98th Ave and San Leandro Blvd.
Construction of food packing plant.
Owner—Butler Packing Co., Paul B. Butler, president, 7519 E. Marginal Way, Seattle, Wash.
Plans by engineering department of owner.
Contractor—M. & K. Corp., 405 Montgomery St., San Francisco.
Furnishing and Driving Creosoted Piles—M. B. McGowan, Inc., 625 Market St., San Francisco.

2/18/46 • 12
BIDS OPENED
SHEET METAL SHOP
SACRAMENTO, Sacramento County, Calif. 22nd and S Sts.
Construction of one-story sheet metal shop and office, masonry walls and steel frame.
Owner—Withheld.
Architect — Gordon Stafford, Insurance Bldg., 806 K St., Sacramento.
Low Bidder—Holdener Construction Co., 2608 R St., Sacramento, $36,964.

Complete bids were:

Holdener Construction Co., Sacramento, $36,964, (alt. 1) deduct 1245, (alt. 2) deduct $2596.

Lawrence Construction Co., Sacramento, $37,297.

Charles F. Unger, Sacramento, $37,388, (alt. 1) deduct $1072, (alt. 2) deduct $2800.

Transwestern Construction Co., San Francisco, $39,750, (alt. 1) deduct $600, (alt. 2) deduct $3100.

Otto Steinbrenner, Sacramento, $42,688, (alt. 1) deduct $1018, (alt. 2) deduct $3114.

Central California Construction Co., San Francisco, $44,545, (alt 1) deduct $1475, (alt. 2) deduct $4055.

2/18/46 • 12
PLANS BEING FIGURED—BIDS OPEN FEBRUARY 19
NEW PLANT
SAN FRANCISCO. 17th and Missouri Streets.
Construction of one-story steel frame plant (60x100 ft.).
Owner—Heil Equipment Co., 963 Harrison St.
Structural Engineer—George Washington, 417 Market St.

The following is a partial list of contractors figuring plans:

Monson Bros., 475 Sixth St., San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco.

A. M. Hardy, 736 Clementina St., San Francisco.

14-17—PUBLIC BLDGS.

2/18/46 • 16
BIDS WANTED

REEDLEY, Fresno Co., Calif.—Until March 6, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting and miscellaneous repairs at the U. S. Post Office, Reedley.

Specifications obtainable from the above office of the district engineer or from the custodian of the building at Reedley.

2/18/46 15
BOND ELECTION
CITY HALL Cost, $50,000
BELMONT, San Mateo County, Calif.
Construction of new city hall.
Owner—City of Belmont, Belmont.
Architect—Not announced.

City will vote April 9 on a proposal to issue bonds in the amount of $50,000 to finance above construction.

2/18/46 • 16
CORRECTION

SONOYTA, Ariz.—Until March 6, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for furnishing and installing new lighting plant in the United States Border Station at Sonoyta (mailing address, Ajo, Ariz.).

Plans and specifications obtainable from the above office of the district engineer.

2/18/46 • 15
SITE SELECTED
FIRE STATION
EL CERRITO, Contra Costa County, Calif. Corner Cutting Blvd. and Scenic Ave.
Construction of fire station (100x100 ft.) (site dimensions).
Owner—El Cerrito City Council, El Cerrito.

The city engineer was instructed to proceed with plans and specifications.

2/18/46 • 15
BOND ELECTION
CIVIC CENTER Est. Cost, $50,000
BELMONT, San Mateo Co., Calif. East side of Fifth Ave. between O'Neill and Broadway.
Construction of combined war memorial, civic center and city hall, to include library, civic auditorium, police court, city offices and garage space (300x100 ft.) site.
Owner—City of Belmont, City Hall, Catherine A. Heartsner, city clerk, Belmont.

The City of Belmont will vote April 9 on a proposal to issue bonds in the amount of $50,000 to finance above construction.

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BUILDINGS

18-19—RELIGIOUS BLDGS.

2/18/46 • • 19
PREPARING WORKING DRAWINGS
JEWISH TEMPLE Cost, $120,000
SAN JOSE Santa Clara County, Cal. Corner University and Myrtle St.
Construction of frame and stucco Spanish type building to include temple proper, community center and Sunday school classrooms; tile roof.
Owner—Temple Bickur Cholim, San Jose.
Architects—Hyman & Appleton, 58 Sutter St., San Francisco, and Gifford E. Sobey, 69 South First St., San Jose.

20-21—SOCIAL AND RECREATIONAL BLDGS.

2/18/46 • •
BIDS OPENED
THEATRE
SALINAS, Monterey County, Calif.
Construction of reinforced concrete walls theatre building (50x130 ft.) to seat 500 persons; truss wood roof, cement floors, etc.
Owner—Withheld.
Architect—Francis E. Lloyd, 210 Post Street, San Francisco.
Low Bidder—Carl N. Swenson Co., 355 Stockton Ave., San Jose, $75,280.

Erbentraut & Summers, San Francisco, at $81,500 submitted the only other bid.

Bids are being held under advisement.

22-26—RESIDENTIAL BUILDINGS

2/18/46 • 24
BIDS IN—HELD UNDER ADVISEMENT
RESIDENCE
SAN FRANCISCO. Merced Ave. near Garcia.
Construction of two-story frame and stucco residence (7 rooms).
Owner—Mr. Eirgero, c/o architect.
Architect—John J. Foley, 770 Fifth Ave.
Announcement shortly.

2/18/46 • • 24
CONTRACT AWARDED
RESIDENCE
LOS GATOS, Santa Clara Co., Calif.
Construction of addition of 3 rooms to residence.
Owner—A. I. Esberg, c/o Architect.
Architect—Gifford E. Sobey, 69 S. First St., San Jose.
Contractor—A. G. Elvin, Los Gatos.

Contract was awarded on cost basis.

2/18/46 • • 24
CONTRACT AWARDED
RESIDENCE
SAN JOSE Santa Clara County, Cal.
Construction of one-story frame and stucco residence (5 rooms).
Owner—A. D. Campagna, c/o Arch.
Architect—Gifford E. Sobey, 69 S. First St., San Jose.
Contractor—E. Nommensen, 315 S. 17th St., San Jose.

Contract was awarded on cost basis.

2/18/46 • • 24
CONTRACT AWARDED
RESIDENCE
SAN JOSE Santa Clara County, Cal. Willow Glen.
Construction of 1-story frame, stucco and brick veneer residence (six rooms).
Owner—Noble Hancock, c/o Arch.
Architect—Gifford E. Sobey, 69 S. First St., San Jose.
Contractor—Jos. J. Graglia, 738 N. Fourth St., San Jose.

Contract was awarded on cost plus basis and construction is scheduled to start in about two weeks.

Prospective Bidders

School Buildings, Pittsburg

BIDS: Pittsburg Unified School District, Arman Stow, Clerk, Pittsburg, Feb. 18, 8 P. M. Plans prepared by Architect Charles F. Dean, California State Life Bldg., Sacramento.

Lawrence Construction Co., 3020 V St., Sacramento.

Bingham Construction Co., 4825 J St., Sacramento.

Transwestern Construction Co., 1402 Front St., Sacramento.

Russell P. Cataline, 1075 Cumberland St., Pittsburg.

Vincent G. Siino, 461 W. 10th St., Pittsburg.

John J. Siino, 1020 Beacon St., Pittsburg.

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PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Outdoor Gunnery Range Spec. 17507, NOy 13346	Crows Landing	2-26
Automobile and Appliance Bldg. Geary Blvd. and Blake Street	San Francisco	2-26

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Tank Truck Loading Fac., Standard Oil, Richmond; Bids open Feb. 18, Noon
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980
Barrett & Hilp. 918 Harrison St., San Francisco (DOuglas 0700).

Superstructure, Shop Bldg. No. 411. Shipfitters and Boilermakers Shop, San Francisco Naval Shipyard; Bids open February 21, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
A. Farnell Blair, 9 Main St., San Francisco (YUkon 0390)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co. 223 Folsom St., San Francisco (SUtter 3440).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Auto Sales and Service Bldg., San Francisco; Bids open February 18
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Peter Sorensen, 927 Arguello St., Redwood City (Redwood 2212).
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8061)

Outdoor Gunnery Range, NAAS, Crows Landing; Spec. 17507; Bids open February 26, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Patrick M. Sofarelli, 20337 Anita Ave., Hayward (Hayward 806).
Henry Arian, 4142 Geary Blvd., San Francisco (BAyview 5797)

Residence for San Francisco Theological Seminary, San Anselmo; Bids open February 21, 3:00 P. M.
B. & R. Constr. Co., 268 Market St., San Francisco (DOuglas 7516).
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., San Francisco (MIssion 1490)
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).

Krieger Automotive and Sales Bldg., Geary and Blake, San Francisco; Bids open February 26, 3 P. M.
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., San Francisco (MIssion 1490)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Empire Constr. Co., 344 Harriet Street, San Francisco (HEmlock 3400)
Midstate Constr. Co., 1299 Bush St., San Francisco (ORdway 4638)

Industrial Bldg., Tennessee near 20th St., S. F.; Bids open Feb. 19, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
E. S. McKittrick Co., 610—16th St., Oakland (TWin Oaks 5070).

Store Bldg., University YMCA, Berkeley; Bids open Feb. 26, 2 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Anderson & Hagland, Inc., 219—41st St., Oakland (OLympic 9103).

Store Bldg., Broderick St., Oakland; Bids open Feb. 26, 2 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Anderson & Hagland, Inc., 219—41st St., Oakland (OLympic 9103).

Richland Elementary School District, School Bldg., Shafter; Bids open February 27, 7:30 P. M.
Guy E. Hall, 1826 30th St., Bakersfield (Bakersfield 88695)
Rademann-Giusto, 40 Ringold Street, San Francisco (MArket 8151).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)

Heil Equipment Co. Bldg., 963 Harrison St., S. F.; Bids open Feb. 19
Monson Brothers, 475 Sixth St., San Francisco (DOuglas 5357)

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ADVANCE CONSTRUCTION REPORTS

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

2/18/46 • 31
BIDS WANTED

CENTRAL POINT, Ore. — Until February 25, 7:30 P. M., bids will be received by Guy Tex, city recorder, City Hall, City of Central Point, Ore., for the instalaltion of two-mile 8-inch main to connect with the Medford city water system, and for constructing nine miles of water lines in Central Point's own distribution system. The work will consist of installing approximately 42,000 ft. of cast iron pipe, 5500 ft. galvanized iron pipe and 12,000 ft. of copper tubing, with miscellaneous valves, fittings and appurtenances. Central Point has issued $115,000 in bonds to cover the cost of the project and has spent about $45,000 to purchase the materials required. Plans and specifications may be obtained from the above office upon the deposit of $5. Certified check or a bidder's bond n amount of 5% of bid requred. Paul M. Rynning, county engineer.

34—DAMS, RESERVOIRS & DREDGING

2/18/46 • • 34
BIDS OPENED

SACRAMENTO, COUNTY, Calif.—T. E. Connolly, Inc., 461 Market St., San Francisco, at $27,032 submitted low bid to the U. S. Army Engineer Office, Wright Building, Sacramento under Spec. 1208 for levee setback at six locations on the San Joaquin River.

Work involves:
(1) 155,185 c.y. excav. and grading;
(2) 7760 M. gals. water for compaction and sprinkling;
(3) 1700 l.f. remove and reconstruct existing fence.

Total bids follows:
(A) T. E. Connolly, Inc., San Francisco, $27,032.
(B) Louis Biasotti & Son, Stockton, $29,214.
(C) H. Earl Parker, Marysville, $29,310.00.
(D) C. M. Syar, Vallejo, $40,270.
(E) Morrison & Kundsen, Los Angeles, $45,255.
(F) M. J. Ruddy and P. C. Frederickson, Modesto, $45,506.
(G) A. Teichert & Son, Inc., Sacramento, $46,902.
(H) Guerin Bros., South San Francisco, $49,155.
(I) Fredrickson & Watson Constr. Co. Oakland, $52,390.
(J) A. A. Bainter, Long Beach, $58,187.56.
(K) J. Henry Harris, Berkeley, $60,705.40.
(L) J. E. Haddock, Ltd., Los Angeles, $92,041.
(M) C. Dudley De Velbiss, Richmond, $104,832.

Unit prices follow:

	(A)	(B)	(C)
(A)	$.155	$.20	$.40
(B)	.15	.65	.10
(C)	.17	.25	.10
(D)	.20	1.00	.30
(E)	.257	.50	.15
(F)	.238	.90	.26
(G)	.25	.85	.18
(H)	.245	1.25	.15
(I)	.29	.75	.10
(J)	.349	3.00	.10
(K)	.305	1.44	.43
(L)	.495	1.60	.25
(M)	.52	2.70	.40

2/18/46 • • 34
LOW BIDDERS

CENTRAL VALLEY PROJECT.—Following submitted low bids to the Bureau of Reclamation, Denver, under Spec. 1145 for four 50x50 ft. regulating gates for installation in the spillway at Keswick Dam, Kennett Division, Central Valley Project for shipping point and/or Redding:

American Bridge Co., Denver, $217,872 fob eRdding; net.

Coppers Co., Baltimore, Md., $248,000 fob Baltimore; net.

Consolidated Steel Corp., Los Angeles, $231,950 fob Los Angeles; net.

Readwell Constr. Co., Midland, Pa., $368,636 fob Midland; net.

2/18/46 • 34
BIDS WANTED

CENTRAL VALLEY PROJECT, Friant, Calif.—Until March 29, 10 A. M. bids will be received by the Bureau of Reclamation, Friant, Calif., for the construction of earthwork, canal lining and structures, station 1592 to station 1628, Friant - Kern Canal, Friant Division, Central Valley Project ,California; Specification No. 1181. The work is located east of Fresno. A complete description of the work involved will be available later.

35— DOCKS, PIERS & HARBORS

2/18/46 • 35
BIDS WANTED

LOS ANGELES, Calif.—Until Mar. 13, 1 P. M., bids will be received by the U. S. District Engineer Office, 751 S. Figueroa St., Los Angeles, for the construction of Los Angeles River improvements, N. Broadway to Alhambra Ave., river mile 23.5 to river mile 22.9/ Los Angeles; Serial 148.

The project involves the construction of 3300 lin. ft. of river channel improvement and appurtenant work. The channel improvement consists of construction of reinforced concrete paving on the slopes of the riverbank, with parapet walls and berm paving at the top. Concrete pier extensions will be built for the Spring St. and Main St. bridges. Other work includes the construction and removal of a temporary railroad embankment; replacement of wooden subdrain riser hoods in the invert with cast iron hoods; construction of fencing on channel walls, and the installaton of corrugated metal pipe drains with appurtenant concrete outlet structures. Principal features of the work include: Clearing site and removing obstructions; excavating and backfilling; driving steel sheet and steel bearing piles; constructing reinforced concrete slope paving, berm, walls and pier protection; side drainage structures and pipe and fencing.

The bids will be taken as follows:
(1) lump sum, clearing site and removing obstructions;
(2) 128 lin. ft. pulling or cutting off steel sheet pile wall;
(3) 125,000 cu. yds. channel excavation;
(4) 1270 cu. yds. structure excavation;
(5) 41,000 cu. yds compacted backfill and fill;
(6) 100 cu. yds. uncompacted backfill and fill;
(7) 7300 cu. yds. crushed gravel or crushed rock backing;
(8) 200 cu. yds. gravel in pockets and drains;
(9) 300 cu. yds. temporary railroad embankment;
(10) 13,900 lin. ft. steel bearing piles, vertical;
(11) 10,800 lin. ft. steel bearing piles, batter;
(12) 100 each, splicing steel bearing piles;
(13) 6600 sq. ft steel sheet piling;
(14) 6450 lin. ft. channel fencing;
(15) lump sum, pressure grouting;
(16) 12,400 cu. yds. concrete slope paving;
(17) 2700 cu. yds. concrete footings for walls and pier extensions;
(18) 2800 cu. yds. concrete walls and pier extensions;
(19) 550 cu. yds. concrete berm paving and misc. structures;
(20) 1,900,000 lbs. steel reinforcement bars;
(21) 6500 lbs. steel reinforcement fabric;
(22) 2250 each expansion joint sleeves
(23) 250 each cinch anchors;
(24) 20 each subdrain hoods;
(25) 14 lin. ft. 12-in. corrugated metal pipe;
(26) 14 lin. ft. 15-in. same;
(27) 17 lin. ft. 18-in. same;
(28) 40 lin. ft. 24-in. same;
(29) 48 lin. ft. 36-in. same;
(30) 24 lin. ft. 54-in. same;
(31) 1 15-in. automatic drainage gate;
(32) 1 18-in. same;
(33) 2100 lbs. misc. metal work;
(34) 27,200 bbls. portland cement;
(35) 38,000 tons salvaging and placing derrick stone;
(36) 115,000 ton miles hauling derrick stone;
(37) 2000 sq. ft. ¼-in. fiber expansion joint filler;
(38) 450 sq. ft. ½-in. fiber expansion joint filler;
(39) 20,000 sq. ft. 1-in. fiber expansion joint filler;
(40) 823 each, caps for steel bearing pile.

2/18/46 • 35
BIDS WANTED

LOS ANGELES, Calif.—Until Mar. 18, 1 P. M., bids will be received by the U. S. District Engineer Office, 751 S. Figueroa St., Los Angeles, for the construction of Los Angeles River improvements, Alisto St. to Alhambra Ave., river mile 22.2 to river mile 22.9; Serial 149.

The project involves the construction of 4100 lin. ft. of river channel improvements and appurtenant work. The channel improvement consists of construction of reinforced concrete slope paving on the riverbanks, with parapet walls and berm paving at the top. Concrete pier extensions and connecting walls will be built for the Union Pacific and Southern Pacific bridges. Other work includes the replacement of wooden subdrain riser hoods in the invert with cast iron hoods, construction of fencing on channel walls, and the installation of corrugated metal pipe drains with appurtenant concrete outlet structures. Principal features of the work include: Clearing site and removing obstructions; excavating and backfilling; driving steel sheet piles; constructing reinforced concrete slope paving, berm walls and pier protection; side drainage structures and pipe, and fencing.

The bids will be taken as follows:
(1) lump sum, clearing site and removing obstructions;
(2) 72 lin. ft. pulling or cutting off steel sheet pile wall;
(3) 117,300 cu. yds. channel excavation;
(4) 1840 cu. yds. structure excavation;
(5) 34,320 cu. yds. rock excavation;
(6) 4850 cu. yds. rock excavation;
(7) 6700 cu. yds. crushed gravel or crushed rock backing;
(8) 460 cu. yds. grave lin pockets and drains;
(9) 738 each cap for steel bearing piles;
(10) 240 lin. ft. steel bearing piles, vertical;
(11) 21,900 lin. ft. steel bearing piles, batter;
(12) 50 each splicing steel bearing piles;
(13) deleted;
(14) 350 cu. yds. concrete, invert;
(16) 312 cu. yds. concrete slope paving toe;
(16) 11,080 cu. yds. concrete slope paving;
(17) 6540 cu. yds. concrete footings for walls and pier extensions;
(18) 5470 cu. yds. concrete walls and pier extensions;
(19) 800 cu. yds. concrete berm paving and misc. structures;
(20) 2,625,000 lbs. steel reinforcement bars;
(21) 13,000 lbs. steel reinforcement fabric;
(22) 4010 each expansion joint sleeves
(23) 980 each cinch anchor;
(24) 72 lin. ft. 8-in. corrugated metal pipe;
(25) 40 lin. ft. 12-in. same;
(26) 82 lin. ft. 15-in. same;
(27) 40 lin. ft. 18-in. same;
(28) 40 lin. ft. 24-in. same;
(29) 50 lin. ft. 30-in. same;
(30) 19 lin. ft. 42-in. same;
(31) 5 each 8-in. automatic drainage gate;
(32) 5 each 15-in. same;
(33) 6833 lin. ft. channel fencing;
(34) 4350 lbs. misc. metal work;
(35) 27 each subdrain hoods;
(36) 36,200 bbls. portland cement;
(37) 33,000 tons salvaging and placing derrick stone;
(38) 80,000 ton miles hauling derrick stone;
(39) 4500 sq. ft. ¼1in. fiber expansion joint filler;
(40) 350 sq. ft. ½-in. fiber expansion joint filler;
(41) 12,000 sq. ft. 1in. fiber expansion joint filler.

2/18/46 • 35
BIDS OPENED

SAN DIEGO, Calif.—OFCCO Construction Co., 2650 Cherry Ave., Long Beach, at $833,650, submitted the low bid to the U. S. Navy, Public Works Office, 11th Naval District, 1220 Pacific Highway, San Diego, February 13, for the construction of new connections to the station's existing low pressure fresh water piping system with branches and outlets on piers No. 10 to 13, inclusive; a new extension to the existing city 16-in. high pressure water main extending up to and including branches and outlets on Piers No. 10 to 13, inclusive; new boiler house including new equipment consisting, in general, of three new 400 h.p. water tube boilers with auxiliary equipment including feed water heater, boiler feed pumps, oil burners, draft fans, steel stacks, water softeners and complete pertinent auxiliary equipment; two 250 h.p. motor-driven compressors with automatic control and pertinent auxiliary equipment, steam distribution system from the boiler house to outlets on piers; compressed air distribution system from compressors to outlets on piers and other miscellaneous work; Specification No. 17474.

Bid received were as follows:
(1) price for the entire work, complete;
(2) amount to be deducted from the price stated under Item 1 for the omission of certain steam and compressed air lines as covered under Alternative A;
(3) amount to be deducted from the price stated under Item 1 for the omission of one bay of the boiler house and omission of one boiler as covered under Alternative B.

The bids submitted were:

OFCCO Construction Co, 15 days (1) $833,650, (2) $77,000, (3) $50,000.

N. P. Van Valkenburgh, 30 days (1) $908,640, (2) $76,000, (3) $41,875.

M. H .Golden Construction Co., 5 days (1) $911,000, (2) $83,446, (3) $46,659.

Haddock Engineers, Ltd., 10 days, (1) $973,000, (2) $75,000, (3) $43,000.

Associated Piping & Engineering Co., 30 days (1) $982,000, (2) $57,000, (3) $58,637.

2/18/46 35
PLANNED

LOS ANGELES, Calif.—The Los Angeles City Bureau of Engineering, Lloyd Aldrich, city engineer, City Hall, Los Angeles, has reported plans for a yacht harbor for 9300 pleasure craft designed in a horseshoe shape, having an inland reach of 6500 ft., with similar dimensions for its widest part. It would be connected with the ocean by a centered, unobstructed channel 3000 ft. long and 800 ft. wide and have 12 anchorage basins separated from each other by land sections. The proposed roads would go completely around the horseshoe and give automobiles access to the anchorage basins.

The harbor project ties in with the beach widening in the general program for the more than 13 miles of shore development from El Segundo to Topanga Canyon in which Los Angeles and Santa Monica are jointly interested. The proposed widening would add 900 ft. to the present width of the beach in front of the harbor; other sections would be widened up to 1200 ft.

38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

2/18/46 38
CONTRACT AWARDED

SAN DIEGO, Calif.—Fischback & Moore, Inc., 1509 W 8th St., Los Angeles, at $684,000 awarded contract by the U. S. Navy, Bureau of Yards & Docks, Washington, D. C.. Feb. 13 for the construction of additions and alterations to the existing station electrical distribution system and new facilities to provide adequate electrical services and outlets to Piers Nos. 6 and 8, San Diego; Spec. No. 17543. The bids were received February 1.
of $10.

2/18/46 • 38
BIDS OPENED

PORTLAND, Ore.—H. H. Walker, 1323 Venice Blvd., Los Angeles, at $69,932.70, submitted low bid to the U. S. Department of Interior, Bonneville Power Administration, L. C. Stewart, procurement officer, 1300 NE. Union Ave., Portland 8, for furnishing all labor, certain materials and performing all work for construction of Albany-Toledo 115-kv. wood pole transmission line, beginning at the structure identified as A T-2/9, approximately two miles northwest of Albany, west to approximately ¼ mile east of Toledo, 40.2.

Other bids were:

Agutter Electric Co., Seattle, $106,415.10.

Electric Smith, Spokane, $110,135.77.

Pate Engineering Co., Portland, $119,946.50.

W. C. Thompson & George Armstrong, San Francisco, $160,202.50.

Electric Construction Co., Tacoma, $167,934.

39—SEWERS

2/18/46 • 39
BIDS WANTED

OCEANSIDE, San Diego Co., Calif.—Until February 28, 11 A. M., bids will be received by the U. S. Navy, Public Works Office, 11th Naval District, 1220 Pacific Highway, San Diego, for repairs and additions to paving areas at the Naval Hospital, Santa Margarita Ranch, Oceanside; Spec. 17484. Specifications available from the above office upon deposit

2/18/46 39
BIDS OPENED

LOS ANGELES, Cal.—R. A. Wattson Co., 5528 Vineland Avenue, North Hollywood, at $94,687.67 submitted low bid to the Los Angeles Board of Public Works, 153 City Hall, Los Angeles, Feb. 13 for the construction of a sanitary sewer and resurfacing of streets in Teesdale Avenue and Valley Spring Lane Sewer District, Los Angeles; 1911 Act.

Total bids were:
R. A. Wattson Co., $94,687.67.
Bebek & Brkich, $98,778.90.
V C K Constr. Co., $99,301.17.
Tom L. Gogo, $103,438.26.
Artukovich Brothers, $111,170.22.
P. & J. Artukovich, $112,726.85.
Engineer's estimate, $89,132.94.

2/18/46 • 39
BIDS WANTED

SAN JOSE, Santa Clara Co., Calif.—Until February 25, 11 A. M., bids will be received by the Santa Clara County Board of Supervisors, county clerk, Courthouse, San Jose, for sanitary sewers on Tully Rd.

Specifications obtainable from the above office upon payment of $10.

40— STREETS AND HIGHWAYS

2/18/46 • • 40
BIDS WANTED

SAN FRANCISCO.—Until Mar. 13, 2:30 P. M., bids will be received by the Department of Public Works, Room 282, City Hall, under Spec. No. 20,024 for improvement of Pacheco Street between 42nd and 43rd Aves.

Work involves:
(1) 280 c.y. grading (excav.);
(2) 2000 do (fill);
(3) 275 l.f. 15-in. VCP sewer;
(4) 35 l.f. 12-inch do;
(5) 80 l.f. 8-inch do;
(6) 140 l.f. 10-in. VCP culvert;
(7) 1 each brick manhole complete
(8) 4 each brick catchbasins complete;
(9) 8 each 15x6-in. VCP Y-branches
(10) 200 l.f. 6-in. VCP side sewers;
(11) 575 l.f. unarmored conc. curb;
(12) 16,900 sq. ft. asph. conc. pave.;
(13) 660 sq. ft. 2-course conc. sidewalk;
(14) 9 each water services at $17.55 each; total, $157.95;
(15) lump sum, water main, $396.

Specifications obtainable from the office of City Engineer Ralph Wadsworth, City Hall, upon deposit of $10.00.

2/18/46 • 40
TO PREPARE PLANS

PALO ALTO, Santa Clara Co., Calif.—Consulting Engineer L. Cedric Macabee, 156 University Ave., Palo Alto, has been authorized to prepare plans and specifications for a $263,000 street paving and improvement program for the City of Palo Alto.

2/18/46 • 40
BIDS WANTED

STATE OF OREGON.—Until Feb. 26, 9 A. M., bids will be received by the Oregon State Highway Commission, G. B. Glaisyer, Public Service Bldg., Portland, Ore., for construction as follows:

Douglas County — State Project. Construct new bridge over Coffey Creek on Tiller-Trail secondary highway. Approximately 15 cu. yds. structural excavation, 5 cu. yds. class A concrete, 200 lbs. metal reinforcing, 22 M ft. b.m. untreated lumber, 184 ft. trestle superstructure, 38 ft. long span superstructure.

Douglas County — Federal Project No. S-80 (1). 5.79 miles grading, surfacing and oiling; also furnishing approximately 2600 cu. yds. crushed material in stockpiles, Milo - Tiller section of Tiller-Trail Highway. Approximately 89,000 cu. yds. excavation, 34 cu. yds. concrete, 1400 lbs. metal reinforcing, 24,000 cu. yds. pitrun gravel topping, 8700 cu. yds. of crushed rock or crushed gravel, 170 tons asphalt material.

Hood River County—Federal Project No. S-232 (2). 2.2 miles grading, surfacing and oiling of Woodworth Acres-Parkdale section of Hood River Highway. Approximately 40,000 cu. yds. excavation, 30 cu. yds. concrete, 190 lbs. metal reinforcing, 40 M ft. b.m. untreated lumber, 11,900 cu. yds. crushed rock, 164 tons asphalt material.

Morrow County — Federal Project No. S-83 (1). 9.93 miles regrading, surfacing and oiling, also furnish 3000 cu. yds. crushed rock in stockpiles, Lexington-S. Springs section of Lexington-Echo Highway. Approximately 22,000 cu. yds. excavation, 29,300 cu. yds. rock, 478 tons asphalt material. This project may be bid in combination with S. Spring-Umatilla county line project in Morrow County.

Morrow County — Federal Project No. S-83 (1). 9.95 miles regrading, surfacing, oiling, also furnish 3000 cu. yds. crushed rock in stockpiles, S. Springs-Umatilla county line section of Lexington-Echo Highway. Approximately 18,600 cu. yds. excavation, 28,000 cu. yds. crushed rock, 486 tons asphalt material. This project may be bid in combination with Lexington-S. Springs Project in Morrow County.

Specifications obtainable from the Oregon State Highway Commission, State Office Bldg., Salem, upon payment of $2.

2/18/46 • 40
BIDS WANTED

CLARK COUNTY, Nev.—Until Feb. 28, 1:30 P. M., bids will be received by the State of Nevada Directors of the Department of Highways, Robert A. Allen, state highway engineer, Heroes' Memorial Bldg., Carson City, Nev., for construction of 18.842 miles of state highway in Clark County from a junction with U. S. 95, approximately one mile north of the Nevada-California state line to Davis Dam, Route 77, Section A.

Bid opening date was previously reported incorrectly as Mar. 1. Wage rates must not be less than: unskilled labor, $1 per hour; labor, intermediate grade, $1.25 per hour; skilled labor, $1.50 per hour.

The work involves:
(1) 113,866 cu. yds. roadway excavation A;
(2) 234,118 cu. yds. roadway excavation B;
(4) 804 cu. yds. drainage excavation;
(5) 481 sta. V-type ditches;
(6) 656,304 yd. sta. overhaul (yd. sta.);
(7) 9166 yd. miles overhaul (yd. mi).;
(8) 2217 cu .yds. structure excavation;
(9) 2996 cu. yds. backfill;
(10) 30 M gallons water;
(11) 3686 tons type I gravel base;
(12) 145 tons liquid asphalt, type MC-2 (seal roadmix);
(13) 1493 tons liquid asphalt, type SC-3 or SC-4 (roadmix);
(14) 18.84 miles roadmix;
(15) 1 each roadmix intersections;
(16) 257 cu. yds. class A concrete;
(17) 69 cu. yds. class B concrete;
(18) 10,930 lbs. reinforcing steel;
(19) 1496 lin. ft. 18-in. corrugated metal pipe;
(20) 1826 lin. ft. 24-in. corrugated metal pipe;
(20) 472 lin. ft. 30-in. corrugated metal pipe;
(22) 222 lin. ft 36-in. corrugated metal pipe;
(23) 1120 cu. yds. hand-laid riprap;
(24) 170 each culvert markers;
(25) 267 each guide posts;
(26) 104 each monuments;
(27) 95,589 tons select material.

Specifications obtainable from the above office upon deposit of $10; $5 returnable.

2/18/46 • 40
BIDS WANTED

STATE OF OREGON.—Until Feb. 25, 2 P. M., bids will be received by the Oregon State Highway Commission, H. B. Glaisyer, secretary, Public Service Bldg., Portland, for construction as follows:

Clatsop County — State Project. Place new timbers in two 105-ft. truss spans in Vine Maple bridge over Nehalem River on Fishhawk Falls secondary highway; furnish and place approximately 62 M ft. b.m. untreated lumber.

Linn County—West Unit, Lebanon-Sweet Home section of Santiam highway. State project. 8.0 miles of pavement resurfacing, approximately 5600 cu. yds. shoulder material, 16,900 tons asphalt concrete.

Lincoln County — Spencer Creek-Agate Beach section of Oregon Coast Highway, Federal Project No. F-98 (4). 3.10 miles grading, approximately 341,000 cu. yds. excavation, 780 cu. yds. concrete, 130,000 lbs. metal reinforcing, 4900 cu. yds. rock or gravel in drains and base.

Sherman County—North Unit, Fulton Canyon section of Fulton Canyon-Wasco Highway. Federal Project No. S-68 (4). 1.30 miles regarding, surfacing, oiling, approximately 12,000 cu. yds. excavation, 5000 cu. yds of crushed rock, 64 tons asphalt materials.

Umatilla County — Weston Mountain-McDougal section of Weston-Elgin Highway. Federal Project No S-76 (1). 8.00 miles regarding, surfacing, oiling, also furnish 3000 cu. yds. rock in stockpile, approximately 66,000 cu. yds. excavation, 50,000 cu. yds. crushed rock, 578 tons asphalt materials.

Wahington County — Campbell Bridge-Hazeldale section of Farmington Highway. Federal Project No. S-202 (2). 4.56 miles regarding, surfacing, oiling, approximately 7400 cu. yds. excavation, 2 M ft. b.m. untreated lumber, drive state-furnished piling and place of state-furnished treated lumber, 28,300 cu. yds. crushed rock or crushed grave, 234 tons asphalt materials.

Specifications obtainable from the office of Oregon State Highway Commission, Room 319, State Office Bldg., Salem, Ore., upon payment of $2.

41—GAS, WATER AND OIL PIPE LINES

2/18/46 • 41
BIDS WANTED

OAKLAND, Alameda Co., Calif.—As previously reported, until Feb. 27, 5:30 P. M, bids will be received by the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Pro. LS-348 for installation of 2-in., 4-in., 6-in., 8-in., and 10-in. cast iron water mains in Contra Costa and Alameda counties.

The work involves:

Schedule No. 1

Installation of 4-in., 6-in. and 8-in. water mains in East Oakland, San Leandro and Castro Valley, Alameda Couty.
(1) 1348 cu. yds. excavation of trench, 18-in. minimum width;
(2) 50 cu. yds. extra excavation outside main trench;
(3) 2523 lin. ft. install 4-in. cast iron pipe;
(4) 4107 lin. ft. install 6-in. cast iron pipe;
(5) 240 lin. ft. install 8-in. cast iron pipe;
(6) 1000 lbs. install extra valves and fittings;
(7) 5 cu. yds. install concrete pipe anchors;
(8) 1540 lin. ft. install 77 ¾-in. copper services;
(9) 190 sq. yds. pavement over trench with penetration type macadam.

Schedule No. 2

Installation of 6-in. and 8-in. water mains in Richmond and Kensington, Contra Costa County.
(1) 629 cu. yds. excavatio of trench, 18-in. minimum width;
(2) 50 cu. yds. extra excavation, outside main trench;
(3) 2301 lin. ft install 6-in. cast iron pipe;
(4) 590 lin. ft install 8-in. cast iron pipe;
(5) 1000 lbs. install extra valves and fittings;
(6) 5 cu. yds. install concrete pipe anchors;
(7) 75 lin. ft. install 5 ¾-in. copper services;
(8) 160 sq. yds. pavement over trench with penetration type macadam.

Schedule No. 3

Installation of 2-in., 4-in., 6-in., 8-in. and 10-in. water mains in Orinda and Saranap districts, Contra Costa County.
(1) 2096 cu. yds. excavation trench, 18-in. minimum width, for pipe up to and including 8-in.;
(2) 791 cu. yds. excavation trench, 24-in. minimum width for 10-in. pipe;
(3) 50 cu. yds. extra excavation outside main trench;
(4) 250 lin. ft. install 2-in. cast iron pipe;
(5) 1857 lin. ft. install 4-in. cast iron pipe;
(6) 4329 lin. ft. install 6-in. cast iron pipe;
(7) 4004 lin. ft. install 8-in. cast iron pipe;
(8) 2669 lin. ft. install 10-in. cast iron pipe;
(9) 1000 lbs. install extra valves and fittings;
(10) 5 cu. yds. install concrete pipe anchors;
(11) 75 lin. ft. install 5 ¾-in. copper services;
(12) 60 sq. yds. pavement over trench with penetration type macadam.

Specifications obtainable from the above office.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Machinery and Equipment 43

42— MISC. SUPPLIES AND MATERIALS

2/18/46 • 42
BIDS WANTED

SAN FRANCISCO—Until February 25, 2 P. M., bids will be received by the U. S. Indian Irrigation Service, 647 Phelan Bldg., San Francisco, under Inv. 7-46 for corrugated galvanized iron pipe, connecting bands and metal slide gates, f.o.b. Elko, Nev., as follows:
(1) 4 each 24-in. metal slide headgates, 5-ft. frame with 16-ft. of corrugated galvanized iron pipe attached, 16-gauge;
(2) 4 each 24-in. corrugated galvanized iron pipe, 16-gauge, 20-ft. lengths;
(3) 4 each connecting bands for the above pipe;
(4) 2 each 18-in. metal slide headgates, 4-ft. frame with 12-ft. of corrugated galvanized iron pipe, 16-gauge, attached.

Specifications obtainable from the above office.

2/18/46 • 42
BIDS WANTED

SAN FRANCISCO.—Until March 4, 2 P. M., bids will be received by the U. S. Treasury Department, 821 Market St., San Francisco, under SF-2821-46 for milk and water cans, f.o.b. San Francisco.

2-18/46 • 42
BIDS WANTED

SAN FRANCISCO.—Until March 1, 2 P. M., bids will be received by the U. S. Treasury Department, 821 Market St., San Francisco, under Inv. SF-2813-46 for portable power gasoline engine driven grinders, f.o.b. San Francisco.

43— MACHINERY AND EQUIPMENT

2/18/46 • 43
BIDS WANTED

SANTA CRUZ, Calif.—Until February 18, 9 A. M., bids will be received by the City of Santa Cruz, A. J. Miller, city clerk, City Hall, Santa Cruz, for a 5-ton dual rears, truck, 6-cylinder engine, 5-ton chassis and cab truck, f.o.b. Santa Cruz.

2/18/46 • 43
BIDS OPENED

SACRAMENTO, Calif.—The following submitted bids to the State Purchasing Agent, Sacramento, for materials and equipment as follows:

REQ. 401372:

Consolidated Engineering Co., $82.19.

Cal Mead Co., $56, f.o.b. Sacramento.

McDonough Steel Co., $73.

Basalt Rock Co., $92.50.

Independent Iron Works, San Francisco, $70; awarded.

REQ. G-32305:

Sutter Orchard Supply Co., f.o.b. Nevada City, $.0945; f.o.b. Yuba City in tanks, $.072; in drums, $.082.

H. Earl Parker, Marysville, f.o.b. Marysville, $.072 trucks; $.082 drums.

2/18/46 • 43
BID OPENED

SAN MATEO, SANTA CRUZ and SANTA CLARA COUNTIES, Calif.—Klomquist Oil Service, Redwood City, at (1) $6, $6.65 overtime (2000 gallons), $5, $5.58 overtime (1000 gallongs), and (2) $2 (1600 gallons), submitted only bid to the district engineer, John H. Skeggs, Division of Highway, 2001 Van Ness Ave., San Francisco, for the rental of (1) one or two bituminous distributors and (2) one bituminous tank trailer to be used in conjunction with either distributor for approximately 250 hours of work each at variable locations in San Mateo, Santa Cruz and Santa Clara counties for weed spraying and spread liquid asphalt.

2/18/46 • 43
BIDS OPENED

LAS CRUCES, N. M.—The following submitted bids to the Bureau of Reclamation, Denver, Colo., under Spec. No. 1153 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Las Cruces, N. M., at the option of the bidder, three (3) 500-kv.a., 110,000 delta- to 2400/4160 Y-volt and 7200/12,470 Y-volt, single phase, 60-cycle, oil-immersed, self-cooled, outdoor type transformers for installation at the White Sands substation, Rio Grande Project, New Mexico-Texas.

Westinghouse Electric Corp., Denver, Colo., $5745.60 each, f.o.b. Las Cruces, net.

General Electric Corp., Denver, $18,030, f.o.b. Las Cruces, net.

Prospective Bidders

Improve Landing Field, St. George, Utah

BIDS: Civil Aeronautics Administration, 1500 4th St., Santa Monica, February 18, 10 A. M.; Pro. 8-46-128.

Brown Construction Co., Pueblo, Colo.

W. W. Clyde, Springville, Utah.

Gibbons & Reed C., 259 W. 3rd S., Salt Lake City, Utah.

Vinnell Co., 1145 Westminister Ave., Alhambra, Calif.

Carl E. Nelson, Logan, Utah.

Olof Nelson Construction Co., P. O. Box 267, Logan, Utah.

Wickey Engineering & Construction Co., Field House, College Hill, Logan, Utah.

Garn L. Moody, P. O. Box 460, North Hollywood.

Utah Construction Co., 1 Montgomery St., San Francisco.

Store Building, Broderick Street, Oakland, Calif.

BIDS: Architects Miller & Warnecke, Financial Center Bldg., Oakland, February 26, 2 P. M.

Erbentraut & Summers, 446 Sixth St., San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco.

Parker, Steffens and Pearce, 135 South Park, San Francisco.

Stolte, Inc., 8451 San Leandro St., Oakland.

John M. Bartlett, 1706 Parker St., Berkeley.

Empire Constr. Co., Ltd., 344 Harriet St., San Francisco.

Ed Stahl.

Anderson & Hagland, Inc., 219 41st St., Oakland (OLympic 9103).

Store Building, Berkeley

BIDS: University YMCA, Berkeley, c/o Architects Miller & Warnecke, Financial Center Bldg., Oakland, February 26, 2 P. M.

Erbentraut & Summers, 446 Sixth St., San Francisco.

Parker, Steffens and Pearce, 135 South Park, San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco.

Stolte, Inc., 8451 San Leandro St., Oakland.

Ed Stahl.

John M. Bartlett, 1706 Parker St., Berkeley.

Anderson & Hagland, Inc., 219 41st St., Oakland (OLympic 9103).

Richland Elementary School, Shafter, Kern County, Calif.

BIDS: Richland Elementary School District, Shafter, Feb. 27, 7:30 P. M. Plans prepared by Architect Ernest J. Kump Co., 251 Kearny St., San Francisco.

L. H. Hansen & Sons, 313 Palm Ave., Fresno.

A. J. Hendricks, Route 3, Box 205, Bakersfield.

Guy E. Hall, 1326 30th St., Bakersfield.

M. J. King, Inc., 231 Franklin St., San Francisco.

Jas. I. Barnes Constr. Co., 941 Russ Bldg., San Francisco.

Rademann-Giusto, 40 Ringold St., San Francisco.

Track and Telephone Line Relocation, Idaho Northern Branch, Oregon Short Line Railroad

BIDS: Bureau of Reclamation, Boise, Idaho, February 28, 10 A. M.

Nat McDougall Co., Sherlock Bldg., Portland.

Max J. Kuney Co., N 120 Ralph, Spokane.

Vernon Brothers, 8th and Orchard Avenue.

M. K. Engineering Co., Inc., Albany, N. Y.

Wixon-Crowe, Redding, Calif.

Condon - Cunningham Co., Omaha, Nebraska.

Oregon Residence, San Anselmo, Calif.

BIDS: San Francisco Theological Seminary, San Anselm, February 21, 3 P. M. Plans by Architect James H. Mitchell, 407 Sansome St., San Francisco.

B. & R. Construction Co., 266 Market St., San Francisco.

D. B Ferrero, 31 Belle Ave., San Anselmo.

Litchfield Construction Co., 721 Francisco Blvd., San Rafael.

Peter Sartorio, 262 Clementina St., San Francisco.

S. J. Amoroso Construction Co., 2106 Oakdale Ave., San Francisco.

Repair Pier 24, Embarcadero, San Francisco

BIDS: Board of State Harbor Commissioners, Ferry Bldg., San Francisco, February 21, 3:30 P. M.

Ben C. Gerwick, Inc., 112 Market St., San Francisco.

Ocean Constructors, 135 Stockton St., San Francisco.

Healy - Tibbitts Construction Co., 1100 Evans Ave., San Francisco.

M. B. McGowan, Inc., 625 Market St., San Francisco.

Case Construction Co., Box 416, Alameda.

J. D. Proctor, Inc., P. O. Box 247, Point Richmond Station, Richmond.

Clinton Construction Co., 923 Folsom St., San Francisco.

OFFICIAL PROPOSAL

LS-348—Install C. I. Water Mains

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the East Bay Municipal Utility District, Room 205, 512 Sixteenth Street, Oakland, California, until 5:30 P.M., Wednesday, February 27 ,1946, and will at that hour be opened, for installing approximately 22,870 linear feet of 2-inch, 4-inch, 6-inch, 8-inch and 10-inch diameter cast iron water mains in Contra Costa and Alameda Counties, California.

The general prevailing rate of per diem wages in the locality in which the work is to be performed, for laborers and each craft or type of workman and mechanic needed to execute the contract, and the general prevailing rate for legal holiday and overtime work specifically set forth in the plans and specifications on file with the Secretary of the District, are referred to and incorporated herein.

Specifications (No. LS 348) may be obtained at Room 406 of the office of the District.

DANIEL READ,
Secretary.

Oakland, California,
February 14, 1946
(Daily Pacific Builder)
(Feb. 18, 1946)

EMPLOYMENT SERVICE

For further information regarding positions listed under this classification address Newton D. Cook, Manager, Engineering Societies' Personnel Service, 57 Post St., San Francisco.

TECHNICAL PERSONNEL, ()a Mechl. designer, exper. on complex mechl. movements; (b) aeronautical stress analyst for model design; (c) testing engineer familiar with optical and electrical devices for structural testing. Duration 6-12 mos. Salary open. East Bay. S-515. Newton D. Cook, 57 Post St., San Francisco.

TRANSITMAN for genl. land surveys. Salary about $300 mo. Carmel. S-592. Newton D. Cook, 57 Post St., San Francisco.

DRAFTSMAN, genl. civil engrg. exper., for municipal work. Perm. $300 mo. East Bay. S-586. Newton D. Cook, 57 Post St., San Francisco.

STRUCTL. DESIGNER, exper. on preparation of steel and concrete design drawings. Sal. open. San Francisco. S-580. Newton D. Cook, 57 Post St., San Francisco.

STRUCTL. or ARCHTL. DESIGNERS and DRAFTSMEN for private office. Sal. open. San Francisco. S-447. Newton D. Cook, 57 Post St., San Francisco.

MINING ENGINEER, familiar with gold mining or milling, for perm. connection with good prospects in proven ground. Married man pref'd. Salary open. Location South America; hdqs. California. S-565. Newton D. Cook, 57 Post St., San Francisco.

MASTER GASOLINE GENERATORS
Portable Lighting Plants
From 650 Watts to 15 KW
Generate Your Own Electricity Right on Job
AVAILABLE STOCK FOR RENT OR SALE
KERR EQUIPMENT COMPANY
160 Tenth St. Corner of Natoma SAN FRANCISCO Ph. MArket 1651

PLASTERING MATERIALS - CEMENT - GRAVEL
SAND - BRICK - BRICK MORTAR - WIRE NETTING
METAL LATH - PLASTER BOARD
Distributors for
J. S. GUERIN & COMPANY
720 FOLSOM STREET -:- Phone: SUtter 4696
CERTAIN-TEED ROOFING PRODUCTS

Building Permits, Contracts---Recorded Notices

BUILDING PERMIT Applications

SAN FRANCISCO

ALTER BAKERY, $60,000; SW York and Alameda; owner, Continental Baking Co, 1501 Bryant St; builder, G P W Jensen & Sons, Inc, 320 Market St.

FOUNDATION FOR OFFICE BLDG., $30,000; NW California and Battery; owner, J R Cahill, 206 Sansome St; builder, Cahill Bros, 206 Sansome St.

ALTER STORE, $20,000; NE Market and Stockton Sts; owner, Roos Bros, premises; builder, W C Tait Co, 461 Market.

1-STORY FRAME STORES, $12,000; E Church 175 S 15th St; owner, California Plumbing & Steam Supply Co, 2060 Market St; day work.

ALTER DWELLING, $1750; 315 Santa Ana; owner, Paul R Eberhardt, prem; builder, L J McDermott, 27 Hollywood Court.

ALTER DWELLING, $1000; 1923 Bush St; owner, Y Morioka, 2048 Market St; builder, Ira W Coburn, 2048 Market St.

ALTER DWELLING, $1000; Athens St 75 NE Russia; owner and builder, Albert Ducourno, 3431 25th St.

ALTER FLAT, $1000; 554 26th Ave; owner, A Turner, 1110 Balboa St; day work.

ALTER PLUMBING SHOP, $1000; 421 Arguello Blvd; owner and builder, E Sugarman, 3624 Geary St.

ALTER STORE, $1000; 576 Folsom St; owner, Peerless Electric Co, premses; builder, Koenig Bros, 208 Dorland.

ALTER DWELLING, $500; 1705 Baker St; owner and builder, R P Stewart, premises.

ALTER DWELLING, $500; 1509½ Geary; owner and builder, Edgar Lee Roland, 1511A Geary St.

OAKLAND

REPAIRS, $750; 7209 Greenly Dr; owner, N C Roberts, prem; contractor, Wallace A Peterson, 7127 Weld St.

ADDN and alterations, $1772; 2633 77th Ave; owner, C Loudahl, prem; contractor, Wallace A Peterson, 7127 Weld St.

ALTERATIONS, $500; 605 E 23rd St; owner and contractor, Lillian Cramer, premises.

ADDITION, $9000; 521 40th Street; owner and builder, Chas Kalajian, 521 40th St.

GARAGE, $500; 3414 Andover St; owner and builder, John A Morin, 3414 Andover St.

SERVICE STATION, steel, $2000; 6301 Foothill Blvd; owner, Albert Lewis, premises; contractor, Independent Iron Works, 8th and Pine.

BUILDING PERMITS Granted

SAN FRANCISCO

FEBRUARY 15, 1946

BLDG, Class C, $15,000; S Balboa 85 W 38th Ave; owner, Mrs S Rockman.

DWELLINGS, four 1-story fr, $5,700 each; W 47th Ave 100, 125, 150, 175 N Moraga; owner, M J King.

ALTER dwelling, $750; 125 Benton Ave; owner, Mrs Schudel.

ALTER store, $500; 2640 Mission St; owner, John Budley.

DWELLING, 1-story frame, $4750; N Maynard St 551 E Congdon; owner Albert Morth.

BLDG, 1-story frame, $8000; N Irving St 65 W 15th Avenue; owner, Bookbinder Bros.

ALTER bldg, $2000; 211 Montgomery St; owner, Roos Bros.

BLDG, Class C, $48,000; E Folsom 112 S 18th St; owner, Edw W Jr and Eleanita R Engs.

ALTER bar, $3000; 333 O'Farrell St; owner, Lambert Realty.

DWELLING, 1-story frame, $5200; NE Cor Cayuga and Cotter Sts; owner, Geo E Georgison.

ALTER factory, $2500; 75 Fremont; owner, Alice Frock Co.

ALTER bank, $4800; 5500 Geary; owner, Bank of America.

DWELLINGS eight 1-story frame, $6300 each; W 45th Ave 100, 125, 150, 175, 200, 225, 250, 275 South of Pacheco; owner, Claude T Lindsay Company.

ALTER garage, $900; 3911-15 24th St; owner, James R McElroy.

ALTER market, $800; 1964 Hyde St; owner, L Rosenthal.

BLDG, 1-story frame, $7000; West Douglass 75 N Romain; owner, L Erlendson.

ALTER flats, $850; 218 Presidio Ave; owner, Ambrose A Stone.

REDWOOD CITY

APT BLDG, five apts, $20,000; 801-9 Chilton St; owner and builder, P J Murphy, 425 Cedar St, San Carlos.

APT BLDG, five apts, $20,000; 817-25 Chilton St; owner and builder, P J Murphy, 425 Cedar St, San Carlos.

ADDN, 1-room, $1500; 1695 Kentfield; owner, W Romanischi ,1695 Kentfield; contractor, J Penna.

SAN CARLOS

DWELLINGS, six, $5000 each; 921, 946, 940, 934, 928, 922 Hall Street; owner and builder, K V Stevenson.

DWELLING, $8000; 131 Kelton Ave; owner and builder, Chas Schneider.

QUONSET Hut, $4000; 931 Eas tSan Carlos Ave; owner and contractor, Dudley Roundtree.

BLDG, Class C, $4000; 933 El Camino Real; owner and builder, Bruce Bauer Lumber Co.

DWELLING, $9000; 1101 Elm St; owner and builder, D J Cadwalader.

DWELLING, $9000; 2435 Eaton Ave; owner and builder, A W Akers.

DWELLING, $9000; 177 Sunnydale; owner, W Young; contractor, United Constr Co.

DWELLING moved to 1969 Britton Ave, $1200; owner, Patrick Kearns contractor, Hanson Brothers.

ADDITION $2500; 473 Emerald Ave; owner and builder, H H Montgomery.

DWELLINGS, two, $7000 each; 346 Cedar St, 516 Prospect Avenue; owner, Louis ,Morton; contractor, E C Baker.

DWELLING, $8000; 500 Pearl St; owner and builder, L J Blas.

BLDG, Class C, $9000; 987 Laurel; owner, Merrill Akers; contractor, Gould Constr Co.

DWELLING, $9000; 1527 Magnolia Ave; owner and builder, Frank Handman.

SAN MATEO COUNTY (Unincorporated)

ADD TO RESIDENCE, $1800; El Camino Real, Hills Knowles Tract; owner and builder, Carl Reed, Redwood City.

ADD TO RESIDENCE, $1500; Portola Rd, Portola; owner, Stanley Morshead, Woodside; builder, F S Marshall, 909 Ashbury St, San Francisco.

RESIDENCE, $4500; Northumberland Ave; owner and builder, R M Nellna, 160 Northumberland, Redwood City.

CLUBHOUSE, $25,000; private road, next to California Country Club, South San Francisco; owner, San Mateo County Sheriff's Posse, 2080 Selva Ave, San Francisco; builder, N E Johnson, 2080 Selva Ave, San Francisco.

RESIDENCE, $10,000; Haight St, Menalto Park; owner and builder, A Culazzo, 315 Spring St, Redwood City.

RESIDENCE, $14,000; Hermoso Pl, Brookdell; owner and builder, Pacific Homes, Inc, Redwood City.

ADDITION, $3000; El Camino Real (Sapuchino Manor); owner and builder, H J Drotliff, Millbrae.

RESIDENCE $7000; Lakemeade Way Highlands of Emerald Lake; owner and builder, J G Herbaugh, 572 Victory Ave, South San Francisco.

STORE, $35,000; El Camino Real, Millbrae (Manor No 1); owners, S Basin and H St John, 604 Burknell Dr, San Mateo; builder, J N Basin, 179 Douglas St, San Francisco; plans by Oscar R Thayer, 4257 Cabrillo Ave, Burlingame.

BOILER ROOM, $1000; Middlefield Rd; owner and builder, Frank Winters, 642 2nd Ave, Redwood City.

ADD TO RESIDENCE, $1200; Glenway, Palo Alto Park; owner and builder, Madeline Rockstal, 2301 Glenway, East Palo Alto.

RESIDENCE, $5000; Jefferson Ave, Highlands of Emerald Lake; owner and builder, J W Feazell, P O Box 666, Redwood City.

RESIDENCE, $3000; Lilac Lane, Palo Alto Park; owner and builder, Neil C Mulford, 873 S 10th St, San Jose.

ADD TO RESIDENCE, $6000; Canada Rd, Woodside; owner, Thomas F Maloney, Canada Rd, Redwood City; builder, B L Osborne, Woodside.

RESIDENCE, $4000; Kent Rd, San Pedro Terrace; owner and builder, R E Keating, 111 Castro St, San Francisco.

SAN LEANDRO

ADDITION, $2500; 146 Warwick Ave owner and builder, W H Wychoff, 146 Warwick Ave.

DWELLING, 1½-story 5-room, $5,600; 788 Frann Ave; owner, Harold Brown, 2325 Courtland Ave, Oakland; contractor, Hobert Johanson, 6629 Foothill Blvd, Oakland.

BUILDING CONTRACTS

ALAMEDA COUNTY

HESSE HALL, University of California, Berkeley, Calif.
Addition to Hesse Hall.
Owner—Regents of the University of California.
Architects—W. G. Corlett and A .W. Anderson, Bank of America Bldg., Oakland.
Contractor—O'Mara & Stewart, Ltd., 218 Clara St., San Francisco; also Central Electrical Co
Recorded—Feb. 14, 1946.
Payments:
Each month on work completed 75%
35 days after completion 25%
TOTAL, $25,633

Bond, $26,000; sureties, $12,000 United Pacific Insurance Co.; $14,000 Fidelity & Deposit Co.; forfeit, $50 per day; limit, 180 calendar days; specifications and plans filed.

Completion Notices

SAN FRANCISCO

Recorded Accepted

Feb 14, 1946—NE LOT 4 and NW curved line Santa Cruz Avenue. Eugene Vignati and Floyd C Frank to whom it may concern.. ....February 14, 1946

Feb 15, 1946—S BELLE AVE 252.18 W St Charles Ave. James C Duerner to whom it may concern..........February 15, 1946

Feb 14, 1946—E OCTAVIA St 137-6 N California N 75 x E 130. Halle V Hiers to whom it may concern ....

MONTEREY COUNTY

Recorded Accepted

Feb. 11, 1946—Lots 2 and 4, Block 6, Westfield Tract, Salinas. Harold and Lena Kellar, 1508 Circle Dr, Salinas to whom it may concern..........Feb. 9, 1946

Feb. 9, 1946—Lot 16, Block 5, Better Home Tract, Salinas. Carmen A Fillce, Salinas, to Lunt Bros (C W and Ernest M Lunt).......... ....Feb. 7, 1946

Feb. 13, 1946—Lot 2, Block 3, East Side Home Tract. C D and G M Childs to whom it may concern ....Feb. 9, 1946

Feb. 13, 1946—Lot 6, Block 202, 3rd Addition Carmel Wood, Carmel. Herbert Taylor and Herbert Vial, P O Box 1791, Carmel, to whom it may concern..........Feb 5, 1946

Feb. 13, 1946....Lot 59 Map of the southerly ½ Rancho Poso De Los Ositos, near King City. Chanslor Canfield Midway Oil Co to Miller & York..........Feb. 7, 1946

ALAMEDA COUNTY

Recorded Accepted

Feb. 13, 1946—Lots 1, 2, 24 and 25, Block 19, Map North Brae, Albany, Calif. Pacific Telephone & Telegraph Co to Bethlehem Steel Co..........Feb. 4, 1946

Feb. 13, 1946—419 Juana Ave, San Leandro. K Maynard Womack to whom it may concern....Feb. 12, 1946

Feb. 13, 1946—1152 Laurel St, Berkeley, Calif. Inez S Ross to R W Del Guidice..........Feb. 9, 1946

Feb. 14, 1946—2925 Revere Ave, Oakland, Calif. Thomas and Ulisse Bevilacqua to Bevilacqua Bros.... ....Feb. 13, 1946

Feb. 14, 1946—Lot 312, Berkeley View Terrace, Berkeley, Calif. C H Collier to M B Cross..Feb. 13, 1946

Feb. 14, 1946—505 Mitchell Ave, San Leandro, Calif. W F Lodge to whom it may concern....Feb. 13, 1946

Feb. 14, 1946—2885 Shasta Rd, Berkeley, Calif. Curtis W Smith to Frank A Payne..........Feb. 11, 1946

Feb. 15, 1946—Lots 8 and 9, Map El Portal, Eden Township, Alameda County, Calif. Dan Bauman to John Munson..........Feb. 8, 1946

Feb. 15, 1946—91 Marlow Dr, Oakland, Calif. Thomas and Ulisse Bevilacqua to Bevilacqua Bros.... ....Feb. 14, 1946

Non-Responsibility

ALAMEDA COUNTY

Feb. 14, 1946—430-432 13th St, Oakland, Calif. Archler and Gwendolyn M Scheffer, Sidney E and John H Wolfe to Wm Freedman, Bernard Cantur and Sara Hyman, lessees.

Feb. 15, 1946—Ptn Lot 175, Map Resubdivision of Block D, Meek Estate Orchards, Hayward, Calif. Bertha B McIntosh to purchasers under contract, Curtis W and Sarah S Roberts.

Liens Filed

ALAMEDA COUNTY

Feb. 13, 1946—6737 and 6739 Mountain Blvd, Oakland. Charles A Frazer vs Robert O and Mabel M Dalton $138.60

Use "Builderads"—They Bring Results

Furnace Permits

OAKLAND

5428 San Pablo Ave; owner, ...; dealer, C G Haynes; central furnace.
2035 46th Ave; owner, Chicomer; dealer, K Johnson; central.
1460 Fruitvale Ave; owner, Hamman; dealer, A & C Htg Co; central.
4537 Davenport Avenue; owner, L Acosta; dealer, A & C Heating Co; central.
1569 79th Ave; owner, A Correa; dealer, A & C Heating Co; floor.
5738 Holway; owner, Michealson; dealer, C W Roland; floor.
2612 77th Ave; owner, Balton; dealer, C W Roland; floor.
2927 62nd Ave; owner, McCormick; contractor, C W Roland; floor.
2437 67th Ave; owner, Perdue; dealer, Tom Lynch; floor.
1008 103rd Ave; owner, Harris; dealer, M Friedman; floor.
1301 E 36th St; owner, Robertson; dealer, M Friedman; floor.
1648 68th Ave; owner, Souza; dealer, M Friedman; floor.
9812 Maddox; owner, Kotz; dealer, Schoenfeld; floor.
4732 Fair Ave; owner, Wiggins; dealer, Atlas Htg & Vent Co; floor.
1032 Winsor; owner, Falk; dealer, Atlas Htg & Vent Co; central.
3937 Bayo; owner, Hotcher; dealer, O C Wood; floor.
7015 Fresno; owner, Holly; dealer, C & M Stove Shop; floor.
3373 Suter St; owner, Andrews; dealer, C & M Stove Shop; floor.
5719 College Ave; owner, Young; dealer, Atlas Htg & Vent Co; central furnace.
1607 8th St; owner, Andrews; dealer, Atlas Htg & Vent Co; floor.
605 Prospect; owner, Johnson; dealer, Atlas Htg & Vent Co; central furnace.
1004 Peralta St; owner, Boasey; dealer, Atlas Htg & Vent Co; floor.
4740 Fair Ave; owner, Wiggins; dealer, Atlas Htg & Vent Co; floor.
7001 Krause; owner, Warren; dealer, Holland Co; floor.
7007 Krause; owner, Warren; dealer, Holland Co; floor.
7025 Krause; owner, Warren; dealer, Holland Co; floor.
3721 Harbord View; owner, De Witt; dealer, Holland Co; floor.
4177 Redding; owner, Fontain; dealer, Holland Co; floor.
2217 40th Ave; owner and dealer, Mabel Mehrwein; floor.
5654 Broadway; owner and dealer, W A Beusch; floor.
166 John St; owner, Wise; dealer, H E Brand; floor.
631 Vernon St; owner, Sears; daler, Holland Co; central.
7019 Krause; owner, Warren; dealer, Holland Co; floor furnace.
2456 Coolidge; owner, Scott; dealer, Walter Rohde; floor.
201 Santa Rosa; owner, Cornett; dealer, E J Hoerst; floor.
4621 El Centro; owner, Rader; dealer, Atlas Htg & Vent Co; central furnace.
4411 Tompkins; owner, Vannucci; dealer, Atlas Htg & Vent Co; central furnace.
530 Chetwood; owner, Hart; dealer, Atlas Htg & Vent Co; floor.

Electrical Permits

SAN FRANCISCO

8725-7 1330-34-38 Douglas; owner Crocker; contractor, Eureka Elec Co; 12 outlets; 11 switches; 16 pl.
8728 3238 Fillmore; owner, Lido Cleaners; contractor, Columbia Elec Co; motors.
8729 E De Haro bet 15th and Alameda Sts; owner, Lindauer & Co; contractor, Kuchel & Sievers Elec Works; service; motors.
8730 819 Ellis St; owner, Fluorescent Fixtures; contractor, American Elec Constr Co; motors.
8731 1198 Howard; owner, Belle Brook Dairy; contractor, American Elec Constr Co; alterations.
8732 NE Fremont and Harrison; owner, Apostleship of the Sea; contractor, Mohrdick Elec Co; 2 switches.
8733 676 Geary St; owner, Reeves; contractor, Mohrdick Elec Co; three outlets; 1 switch.
8734 12th and Folsom Sts; owner, Wonder Lunch; contractor, Mohrdick Elec Co; motors.
8735 815-17 Mason Street; owner, Horstmeyer; contractor, Mohrdick Elec; ....
8736 1503 Ellis St; owner, Gibson; contractor, Mohrdick Elec Co; two outlets; 2 plugs.
8737 444 Market St; owner, Post Engrs; contractor, Mohrdick Elec; 10 plugs.
8738 3 Market St; owner, Grand Cafe; contractor, Mohrdick Electric; motors.
8739 4008 Balboa; owner, Zipper Cleaners; contractor, Mohrdick Elec Co; 2 outlets; 5 plugs; motors.
8740 4360 Mission St; owner, ...; contractor, Kennedy Elec Co; 4 outlets; 2 plugs; service.
8741 N Pacheco 125 E 34th Ave; owner, Doelger; contractor, Richmond Elec Co; service.
8742 315 Santa Ana; owner, Eberhardt; contractor, Eureka Elec Co; service.
8743-45 200-01-06 Wheeler Ave; Owner, Gilbert Plov; contractor, Associated Elec & Mech Co; 8 outlets; 10 switches; 9 plugs.
8746 211 Wheeler Ave; owner, Gilbert Plov; contractor, Assoc Elec & Mech Co; 11 outlets; 13 switches; 10 plugs.
8747 212 Wheeler Ave; owner, Gilbert Plov; contractor, Assoc Elec & Mech Co; 8 outlets; 10 switches; 9 plugs.
8748 219 Wheeler Ave; owner, Gilbert Plov; contractor, Assoc Elec & Mech Co; 11 outlets; 13 switches; 10 plugs.
8749-51 2101-07-11 Bayshore Blvd; Owner, Gilbert Plov; contractor, Associated Elec & Mech Co; 8 outlets; 10 switches; 9 plugs.
8752 289 Hester St; owner, Gilbert Plov; contractor, Assoc Elec & Mech Co; 8 outlets; 10 switches; 9 plugs.
8753 204 Peninsula Ave; owner, Gilbert Plov; contractor, Assoc Elec & Mech Co; 11 outlets; 13 switches; 10 plugs.
8754 130 Pinehurst Way; owner, Heineman; contractor, Star Elec Co; service.
8755 250 Texas St; owner, Marconi; contractor, Star Elec Co; two outlets; 4 plugs.
8756 821 Harrison; owner, Lehmann Litho Co; contractor, L Ray Moser; 5 outlets; service; motors.
8757 1920 Irving St; owner, San Carlos Liquor Store; contractor, Ace Elec Co; 1 outlet.
8758 678 Turk Street; owner, Mercury Dental Lab; contractor, Ace Elec Co; service; motors.
8759 68 1st St; owner, Jas Altman Co; contractor, Ace Elec Co; 1 switch; 2 plugs.
8760 496 9th St; owner, Flemming contractor, Old S F Elec Co; ....
8761 371 3rd Ave; owner, Larraburu; contractor, Old S F Elec Co; ....
8762 475 Broadway; owner, ...; contractor, G Vaccarino; 4 outlets; 5 switches; 8 plugs.
8763 771 Broadway; owner, Globo Cafe; contractor, Chas Yick; 6 outlets: 2 switches; 3 plugs.
8764 1958 Bush St; owner, Nakamoto; contractor, Chas Yick; ....
8765 45 Dore St; owner, Wells Die Casting Co; contractor, W H Kirsten; 20 plugs; service; motors.
8766 339 Commercial; owner, J Kelly; contractor, Dowd-Seid Elec; alterations.
8767 1887 Union St; owner, W C Olsen; contractor, Dowd-Seid Electric; 2 switches; 4 plugs.
8768 704 Market St; owner, Mutual Bank Bldg; contractor, J K Herzog Electric Co; ....
8769 4697 Mission St; owner, The Philadelphia; contractor, J K Herzog Electric; 8 outlets.
8770 129 Geary St; owner, Townsend's; contractor, J K Herzog Electric; motors.
8771-72 Various locations and owners; contractor, Wonderlite Neon Products Co; signs.
8773-82 Various locations and owners; contractor, Apex Electric Co; signs.
8783 1013 Taraval; owner, National Liquor; contractor, Malm & Welter; ....
8784 3674 18th St; owner, Salvi; contractor, Malm & Welter; 3 plugs; motors.
8785 175 Upper Terrace; owner, Lunny; contractor, Malm & Welter; ....
8786 52-54 2nd St; owner, I M Abram; contractor, Independent Elevator Co, Inc; ....
8787 16th St between 3rd and 7th Sts; owner, Soule Steel; contractor, Abbett Electric Co; ....
8788 662 Mission St; owner, Wells-Fargo Bank; contractor, Beacon Electric Co; alterations.
8789 SW corner Pine and Battery; owner, Pacific Greybound; contractor, Golden Gate Electric; ....
8790 57 Noe St; owner, ...; contractor, Golden Gate Electric; 1 outlet; 1 switch.
8791 1923 Bush St; owner, ...; contractor, Golden Gate Electric; 1 outlets; 1 switch.
8792 1200 Van Ness Ave; owner, J W McAllister Co; contractor, Buzzell Electric Works; service.

OAKLAND

35499 1233 76th Ave; owner, Alameda Homes; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.
35500 9319 D St; owner, Alameda Homes; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.
35501 9325 D St; owner, Alameda Homes; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs
35502 9331 D St; owner, Alameda Homes; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.
35503 9339 B St; owner, Alameda Homes; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.
35504 10716 Apricot; owner, Alameda Homes; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.
35505 9010 D St; owner, Walker; contractor, Johnston Electric; outlets; switches; fixtures; plugs.
35506 844 70th Ave; owner, Walker; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.
35507 945 72nd Ave; owner, Walker; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.
35508 3307-09 Adell Ct; owner, Sherman; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.
35509 3251 Adell Ct; owner, Scherman; contractor, Johnston Electric; outlets; switches; fixtures; plugs.
35510 2536A and B Ivy Dr; owner, Scherman; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.
35511 1203-1209 61st Ave; owner, Pulliam; contractor, Johntson Electric Co; outlets; switches; fixtures; plugs.
35512 8364 Ney Ave; owner, Skovmand Bros; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.
35513 8372 Ney Ave; owner, Skovmand Bros; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.
35514 2862 Coolidge Ave; owner, East Shore Homes; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.
35515 2754 Park Blvd; owner, Harden; contractor, Johnston Electric; outlets; switches; fixtures; plugs.
35516 2780 Park Blvd; owner, Heraty; contractor, Johnston Electric; outlets; switches; fixtures; plugs; saw motor.
35517 9830 Olive St; owner, Perry; contractor, Johntson Electric; outlets; switches; fixtures; plugs.
35518 914 Longridge Rd; owner, Doe; contractor, Spott Electrical Co; outlets; switches; fixtures; plugs.
35519 1723 San Pablo; owner, Esquire Grill; contractor, Spott Electrical Co; motors.
35520 415 4th St; owner, Pollard; contractor, Spott Electrical Co; alterations.
35521 2121 Peralta St; owner, GMC; contractor, Spott Electrical; outlets; fixtures; plugs.
35522 868 98th Ave; owner, Honey D'Nut Shop; contractor, Spott Electric Co; 1 switch.
35523 1932 Linden St; owner, Varella; contractor, Spott Electrical Co; alterations.
35524 1428 Alice St; owner, City Club Theater; contractor, Spott Electrical Co; outlets; fixtures.
35525 10625 E 14th St; owner, Vic's Liquor Store; contractor, Fluoro Electric Co; fixtures; alterations.
35526 4811 Bond St; owner, Fraga; contractor, Collins Elec Co; serv.
35527 805 E 12th St; owner, Jensen; contractor, Collins Electric Co; outlets; switches; fixtures; plugs.
35528 6948 Foothill Blvd; owner, Hammerberg; contractor, Collins Electric Co; outlets; switches; fixtures; plugs.
35529 7317-20 Foothill Blvd; owner, Helmcamp; contractor, Collins Electric Co; outlets; switches; fixtures; plugs.
35530 2257 E 14th St; owner, Villa; contractor, Falgier Elec Co; 3 outlets; 7 fixtures.
35531 5620 Telegraph Ave; owner, Claremont Press; contractor, Conrad Elec Co; outlets; switches; fixtures; plugs.
35532 361 14th St; owner, Cheney Bros; contractor, T L Rosenberg Co; alterations.
35533 Foot of 14th St; owner, Rosenberg Bros; contractor, T L Rosenberg Co; 1 outlet.
35534 801 Jefferson; owner, Pacific Industrial Products; contractor, T L Rosenberg Co; 1 fixture.
35535 1819 Wood Street; owner, Schrader; contractor, T L Rosenberg Co; 1 plug.
35536 3409 Piedmont Ave; owner, Drinkward; contractor, T L Rosenberg Co; alterations.
35537 1300 Broadway; owner, Lloyd Jewelers; contractor, T L Rosenberg Co; outlets; switches; fixtures; plugs; alterations.
35538 4700 MacArthur Blvd; owner, K9 Tavern; contractor C A Langlals; 10 outlets; 6 switches; 10 fixtures; 4 plugs.
35539 2716 Darnby Drive; owner, Rust; contractor, Paramount Elec Co; outlets; switches; fixtures; motor for saw.
35540 4052 Lincoln; owner, West; contractor, James Anderson; serv.
35541 201 Santa Rosa; owner, Mod Co; contractor, Shea Elec Co; alterations.
35542 5356 Princeton; owner, Home Mod Co; contractor, Shea Elec Co; alterations.
35543 10043 Bernhart; owner, Chilton; contractor, Shea Electric Co; service.
35544 361 Santa Clara; owner, Home Mod Co; contractor, Shea Elec Co; alterations.
35545 74th Ave and E 14th St; owner, General Pet Corp; contractor, Shea Elec Co; sign.
35546 5707 Shafter Ave; owner, McCollum; contractor, Western Neon Corp; sign.
35547 5709 Shafter Avenue; owner, McCollum; contractor, Western Neon Corp; sign.
35548 333 Covington Ave; owner, Weldon; contractor, J T Grosso; alterations.
35549 1935 Webster Street; owner, Meader; contractor, J T Grosso; service.
35550 8925 San Leandro; owner, Nickels; contractor, J T Grosso; alterations.
35551 4778 E 14th Street; owner, Ghiselli; contractor, Clifford Elec Co; outlets; switches; fixtures; pl.
35552 403 Lagunitas; owner, Philbrick; contractor, Clifford Electric Co; outlets; switches; fixtures; pl.
35553 2814 Broadway; owner, Garden Outfitting Co; contractor, Clifford Electric Co; fixtures; alterations.
35554 NW Santa Clara and Grand; owner, Meyer; contractor, Clifford Elec Co; outlets; switches; fixtures; plugs.
35555 3732 E 14th Street; owner, Lynda Gay Baby Shop; contractor, Clifford Elec Co; outlets; fixtures.
35556 555 High St; owner, Daco; contractor, Clifford Elec Co; alterations.
35557 520 Peralta; owner, Frederic's; contractor, Clifford Electric Co; plugs.
35558 2946 E 14th Street; owner, California Builders; contractor, Clifford Elec Co; outlets; switches; fixtures; plugs.
35559 3820 Grove Street; owner, Joseph; contractor, Clifford Electric Co; outlets; switches; fixtures; pl.
35560 5380 Bond St; owner, Lass Plbg Co; contractor, Clifford Elec Co; outlets; switches; fixtures.
35561 1701 12th St; owner, Juritz; contractor, T C Moody; service.
35562 1676 7th St; owner, Curtis Williams; contractor, T C Moody; service.
35563 N 17th St. 100 E Harrison; owner, Phillips; contractor, T L Rosenberg Co; outlets; switches; fixtures; plugs.
35564 2315 90th Ave; owner, Russell; contractor, James Anderson; alterations.
35565 960 7th St; owner, Mike Valva; contractor, American Neon Displays, Inc; fixtures.
35566 1847 7th St; owner, Slim Jenkins; contractor, American Neon Displays; tubing for sign.
35567 NE 11th and Fallon; owner and contractor, Foster & Kleiser Co; 6 outlets; 1 switch; 6 fixtures.
35568 1901 San Pablo Ave; owner, Four tSar Liquor Store; contractor, Matson Elec Equip Co; sign.
35569 2069 Mtn Blvd; owner, Butterfield; contractor, Fox Elec Co; 1 outlet; 1 fixture.

Classified Advertising

WANTED

SR. ARCHITECTURAL DRAFTSMAN for permanent position in Monterey. Good opportunity. For appointment phone C. J. Ryland, Carmel 404, reversed, or write Box 847, Monterey. (2/13-14-15-18/46)

ESTIMATOR with Building exp. or Engineering training. State previous exp. and education. Good future for ambitious young man. Reply Box 130 c/o Daily Pacific Builder. (tf)

BLDG. CONSTR. SUPT., good future. State experience and references. Reply Box 16, c/o Daily Pacific Builder. tf

Experienced ESTIMATOR for general contractor. Experienced in take-off and estimating of industrial buildings and heavy construction. Location, Sacramento. Salary open. Send particulars to Box 29, c/o Daily Pacific Builder. to 2/21/46

POSITION WANTED

ESTIMATOR, HIGH CLASS, trained for all types of estimating. Hold B-1 License Desirous of making connections with well-established firm. BEST local references. Reply Box 218, c/o Daily Pacific Builder. 2/18-19-20-21-22/46

POSITION WANTED

SALESMAN, familiar with plans and detail all building lines, desires connection. Reply Box 28, co Daily Pacific Builder. to 2/15/46

HELP WANTED

EXP. ARCHITECTURAL DRAFTSMAN. Apply at office of Myer and Evers, 1201 Kohl Bldg., San Francisco.

ESTIMATOR with PAINTING CONTRACTING EXPERIENCE. Apply 2019 Blake St., Berkeley. Phone AShberry 1616. to 2/21/46

FOR RENT

FENCED LOT, suitable for contractor's storage; 2 frontages; Bryant St. near 3rd. Rent $35 per month. Elk. 4258. to 2/15/46

Bid Opening Schedule

BUILDING PROJECTS

Bid Opening Date	Project	Location of Project	Noted in Issue
2-18—	Film Exchange	Seattle, Wash.	2- 7
2-18— 3:30 P.M.	Girls' Dorm.	La Grande, Oregon	2- 7
2-18— 8:00 P.M.	—Schoolroom	Pittsburg	1-29
2-18	Steel Partitions (Govt.)	Denver, Colo.	1- 8
2-18 2:00 P.M.	—Women's Dormitory	Corvallis, Ore.	2- 5
2-18— 3:30 P.M.	—Girls' Dormitory	La Grande, Ore.	2- 5
2-19— 2:00 P.M.	—Hospital	Salem, Ore.	2- 5
2-19	Bond Election (Dist.)	San Jose	1- 7
2-19— 2:00 P.M.	—Hospital	Salem, Ore.	2- 4
2-19—11:00 A.M.	Building	San Francisco	2-11
2-20— 2:00 P.M.,	Elevator	San Francisco	2-11
2-20— 2:00 P.M.,	Houses	Denver, Colo.	2-11
2-20—10:00 A.M.	Painting	Berkeley	2- 7
2-20— 2:00 P.M.	—Repair Post Office	Downey	2- 4
2-21	Paint Post Office (Govt.)	Redondo Beach	1-18
2-21—11:00 A.M.	—Shop	San Francisco	1-31
2-21— 3:00 P.M.,	Residence	San Anselmo	2-11
2-21—11:00 A.M.	—Superstructure	San Francisco	2-12
2-21— 2:00 P.M.,	Fire Station	Long Beach	2-13
2-25	Painting and Repairs (Govt.)	San Diego	1-23
2-25— 3:00 P.M.	—Repairs	San Francisco	2-14
2-25— 3:00 P.M.	—Bookcases	San Francisco	2-14
2-25— 3:00 P.M.	—Metal Supplies	San Francisco	2-14
2-26— 2:00 P.M	—Truck Beds	San Francisco	2-14
2-23—10:00 A.M.	—Boiler	San Jose	2-15
2-23—10:30 A.M.	—Alter Building	San Francisco	2-15
2-25— 2:00 P.M.	—Underpass	Port Orchard, Wash.	2-15
2-26	Hospitals (Veterans' Admin)	Grand Junction, Colo.	1-28
2-26—11:00 A.M.	Gunnery Range	Crows Landing	2- 7
2-26— 3:00 P.M.	Residence	San Rafael	2- 7
2-26— 3:00 P.M.	—Service Building	San Francisco	2- 8
2-26— 3:00 P.M.	—Sales Building	San Francisco	2-12
2-27— 2:00 P.M.	Painting	Monrovia	2- 7
2-27— 2:00 P.M.	Painting	Lynwood	2- 7
2-27— 2:00 P.M.	Painting	Bell	2- 7
2-27— 2:00 P.M.	Painting	Fullerton	2- 7
2-27— 2:00 P.M.	Painting	Maywood	2- 7
2-27— 2:00 P.M.	Painting	St. Anthony	2- 7
2-27	Addition to School (Dist.)	Downey	1-16
2-27— 2:00 P.M.	—Elevator	Tacoma, Wash.	1-29
2-27— 7:30 P.M.	—School	Shafter	1-30
2-27— 2:00 P.M.	—Painting	St. Anthony	2- 4
2-27— 1:45 P.M.,	Alterations	San Francisco	2-11
2-27— 2:00 P.M.,	Boiler	San Gabriel	2-11
2-27—10:00 A.M.	—Tear Gas	Berkeley	2-14
2-27—10:00 A.M.	—Ammunition	Berkeley	2-14
2-27— 2:00 P.M.,	Ceilings	Los Angeles	2-11
2-27— 2:00 P.M,	Ventilation	Los Angeles	2-11
2-27— 2:00 P.M.,	Doors	Preston	2-11
2-27— 2:00 P.M.,	Pump	Fullerton	2-11
2-27— 2:00 P.M.,	Sidewalks	Napa	2-13
2-28— 4:00 P.M.,	Warehouse	Los Angeles	2-13
2-28— 8:00 P.M.	—School Building	San Mateo	2-12
3- 1 — 2:00 P.M.,	Basement	Lancaster	2-11
3- 1	Painting (Govt.)	Eureka, Utah	1-25
3- 6— 2:00 P.M.	—School	Sunnyside, Wash.	2-15

ENGINEERING PROJECTS

Bid Opening Date	Project	Location of Project	Noted in Issue
2-18	Runways (Govt.)		1-28
2-18—11:00 P.M.	—Bridge	Merced	1-29
2-18— 5 P.M.	—Sewage	Kelso, Wash.	1-30
2-18— 2:00 P.M.	—Highways	Snohomish County, Wash.	2- 5
2-18—10:00 A.M.	Airfield	St. George, Utah	2- 7
2-18— 8:00 P.M.,	Lighting	Ontario, Calif.	2-11
2-19—10:00 A.M.	—Dredging	Long Beach	2- 8
2-19— 3:00 P.M.	—Water Main	San Francisco	2- 8
2-19— 8:00 P.M.	—Sewers	Tracy	2- 8
2-19—10:00 A.M.	—Sewer	Riverside	2- 6
2-19— 8:00 P.M.	—Sewers	Tracy	1-29
2-19	Concrete Water Tank (City)	Ritzville, Wash.	1-16
2-19	Reservoir (City)	Ritzville, Wash.	1-21
2-19— 2:00 P.M.	—Ferry	Solano County	2- 4
2-19—10:00 A.M.,	Road	Phoenix	2-13
2-19—	Sewer	Albuquerque, N. M.	2-18
2-20—11:00 P.M.,	Pipe Systems	San Diego	2-11
2-20— 1:45 P.M.	—Lettering	San Francisco	2-14
2-20— 1:45 P.M.	—Acoustical Tile	San Francisco	2-14
2-21— 9:00 A.M.,	Highways	Niobrara, Carbons, Etc., Cos.	2-13
2-21— 3:30 P.M.,	Pier	San Francisco	2-11
2-21	Improve Highway (State)	Los Angeles	1-22
2-21	Freeway (State)	Los Angeles	1-24
2-21	Fort Gibson Dam (Govt.)	Fort Gibson, Okla.	1-18
2-21— 2:00 P.M.	—Storm Drain	San Bernardino	2- 5
2-21—10:00 A.M.	—Highway	Colorado State Highway	2-15
2-25— 2:00 P.M.,	Highways	Orange County	2-11
2-25— 2:00 P.M.,	Surfacing	Utah State Highway	2-13
2-25— 2:00 P.M.,	Highway Culvert	Utah State Highway	2-13
2-25— 5:15 P.M.,	Grading	Lawndale	2-13
2-26—11:00 A.M.,	Bridge	Los Angeles	2-11
2-27— 2:00 P.M.	—Bridge	Solano County	1-29
2-26—10:00 A.M.	—Storm Drain	Los Angeles County	2- 5
2-26—10:00 A.M.	—Tunnel Lining	Colorado-Big Thompson Project	2- 5
2-26—10:00 A.M.	—Highway	Olympia, Wash.	2-12
2-26— 2:00 P.M.	—Store	Oakland	2-14
2-26— 2:00 P.M.	—Store	Berkeley	2-14
2-27— 2:30 P.M.	—Additions	San Francisco	2-14
2-27— 2:30 P.M.	—Porch	San Francisco	2-14
2-27— 1:30 P.M.	Clear Site	Napa County	2- 7
2-27— 5:30 P.M.	—Water Mains	Oakland	2-15
2-27— 2:00 P.M.	—Highways	Contra Costa County	1-29
3- 1— 5:00 P.M.	—Street	Sacramento	2-12
3- 1— 1:30 P.M.	—Highway	Nevada State Highway	1-31
3- 2—11:00 A.M.	—School	Phoenix, Ariz.	2-14
3- 4— 4:00 P.M.	—Sewers	Tucson, Ariz.	2-12
3- 5—10:00 A.M.	—Earthwork	Central Valley Project	2-12
3- 6— 2:00 P.M.	—Highways	Monterey County	2- 5
3- 6— 2:00 P.M.	—Highways	Alameda County	2- 5
3- 6— 2:00 P.M.	—Highways	Oakland	2- 5
3- 6—10:00 A.M.	—Transmission Line	Rio Grande Project	2-12
3- 6— 2:00 P.M.	—Plant	Ajo, Calif.	2-14
3- 7— 2:00 P.M.	—Highways	Los Angeles County	2- 5
3- 5—10:00 A.M.	Canal	Central Valley Project	2- 7
3- 5— 1:30 P.M.	Transmission Line	Spokane, Wash.	2- 7
3- 6—10:00 A.M.	Grading	Los Angeles	2- 7
3- 6— 2:00 P.M.	Jet Pump Equip.	Central Valley Project	2- 7
3- 6—10:00 A.M.,	Grading	Los Angeles	2-13
3- 6—11:00 A.M.,	Clearing	Fort Lyon, Colo.	2-13
3- 7— 2:00 P.M.	—Bridges	San Diego County	2- 5
3- 7—10:00 A.M.	—Earthwork	Shoshone Project	2- 6
3-12—10:00 A.M.	—Earthwork	Central Valley Project	2-15
3-12—11:00 A.M.	—Railroad	Rough and Ready Island	2-15
3-12	Kortes Dam (Govt.)	Missouri Basin Project	1-18
3-13— 2:00 P.M.	—Freeway	Santa Clara County	2-12
3-14— 2:00 P.M.	—Grading	Los Angeles County	2-12
3-14— 2:00 P.M.	—Crossing	Los Angeles County	2-12
3-15— 2 P.M.	—Steel Towers	Central Valley Project	1-30
4- 2— 2:00 P.M.,	Needle Valves	Denver, Colo.	2-13

SUPPLIES AND EQUIPMENT

Bid Opening Date	Project	Location of Project	Noted in Issue
2-18—	Sale of Trucks	San Francisco	2-13
2-18	Structural Steel Anchorages, Etc. (Govt.)	Central Valley Proj.	1-16
2-18	Tank Truck Facilities (Standard Oil Co.)	Richmond	1-25
2-18— 2:00 P.M.	—Notebook Holders	San Francisco	2- 1
2-18— 2:00 P.M.	—Telephone Wire	San Francisco	2- 1
2-18—10:00 A.M.	—Oars	San Francisco	2- 6
2-18— 2:00 P.M.	—Conductor	Denver, Colo.	2-12
2-18—10:00 A.M.	—Oars	San Francisco	2- 8
2-18—	Brooms	Sacramento	2-11
2-19—10:00 A.M.	—Scrap	————	
2-19— 2:00 P.M.	—Sheaths	San Francisco	2- 8
2-19— 2:00 P.M.	—Hose	San Francisco	2- 8
2-19— 1:30 P.M.,	Acous. Units	West Los Angeles	2-11
2-19— 3:00 P.M.	—Storage Tank	San Francisco	2- 6
2-19— 2:00 P.M.	—Spools	San Francisco	2- 1
2-19— 2:00 P.M.	—Hose	San Francisco	2- 4
2-19— 8:00 P.M.	Control Board	Contra Costa County	2- 7
2-20—10:00 A.M.	—Seats	San Francisco	2- 5
2-20—10 A.M.	—Sedan	Reno, Nev.	1-26
2-20—10:00 A.M.	Blast Coils	Berkeley	2- 7
2-20— 2:30 P.M.	Kitchen Equip.	San Francisco	2- 7
2-20—10:00 A.M.,	Sale Water Stops	San Francisco	2-13
2-20— 8:00 P.M.,	Duplicator	Berkeley	2-11
2-20— 2:00 P.M.	—Canteens	San Francisco	2- 8
2-10— 2:00 P.M.	—Fire Hose	San Francisco	2- 8
2-20— 2:00 P.M.	—Storage Batteries	San Francisco	2- 8
2-20— 5:30 P.M.	—Transformers	Oakland	2- 8
2-20— 5:30 P.M.	—Circuit Breaker	Oakland	2- 8
2-20 5:30 P.M.	—Gate Valves	Oakland	2- 8
2-20— 5:30 P.M.	—Pipe Fittings	Oakland	2- 8
2-20— 5:30 P.M.	—Water Meters	Oakland	2- 8
2-20— 5:30 P.M.	—Sedans	Oakland	2- 8
2-20—12:00 Noon	—Pipe	Paradise	2-12
2-21—10:00 A.M.	—Pumps	San Francisco	2- 6
2-21—10:00 A.M.	—Gear Shift	San Francisco	2- 6
2-22— 2:00 P.M.	—Telephone Wire	San Francisco	2-15
2-25—10:00 A.M.	—Road Oil	Helena, Mont.	2- 6
2-25	Radio Appliances (Govt.)	Denver, Colo.	1-22
2-25— 3:00 P.M.	—Gate Valves	San Francisco	1-31
2-25— 5:00 P.M.	—Sweeper	Stockton	2-12
2-25— 5:00 P.M.	—Pipe	Sacramento	2-12
2-25— 2:00 P.M.	—Project	Sacramento	2-14
2-26— 2:00 P.M.	—Mess Kit Equip.	San Francisco	2-15
2-26— 2:00 P.M.	—Sheeting	San Francisco	2- 8
2-27— 2:00 P.M.	—Elevator	Central Valley Project	1-31
2-27— 2:30 P.M.	—Pipe	San Francisco	2-14
2-28— 2 P.M.	—Cars	Redding	1-29
3-28— 2:00 P.M.	—Gate Hoists	Denver, Colo.	2-12
3- 1— 2:00 P.M.,	Stationary	San Francisco	2-11
3- 4— 2 P.M.	—Cars	Redding	1-29
3- 6—10:00 A.M.	—Grading	Los Angeles	2-14
3- 7	Pumps, Etc. (Govt.)	Columbia Basin Project	1-11
3-12— 2 P.M.	—Cars	Denver, Colo.	1-29
3-12— 2:00 P.M.	—Annunciators	Boulder Canyon Project	2- 8
3-15—10:00 A.M.	—Drum Gates	Central Valley Project	2- 1
3-19— 2:00 P.M.	—Pumps	Denver, Colo.	1-31
3-19— 2:00 P.M.	—Crane	Denver, Colo.	2-15
3-20	Sanitary Sewer (City)	Mill Valley	1-18
3-21— 2:00 P.M.	—Crane Structure	Columbia Basin Project	2- 8

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Fifty-sixth Year—Vol. 56—No. 35
SAN FRANCISCO, TUESDAY, FEBRUARY 19, 1946
PRICE 15 CENTS PER COPY

PLANS and Speculations

San Francisco: The Office of Price Administration is NOT the authority for information regarding priorities for building materials. Builders are requested to direct inquiries to the Federal Housing Administration at 315 Montgomery Street.

oOo

Alameda County's highways and bridges program for the present fiscal year calls for an expenditure of $2,950,786 to be spent by the county government alone.

oOo

Sacramento: The State Department of Public Works has announced state approval of flood control projects to be constructed by the Corps of Army Engineers. The projects, part of a $450,000,000 federal flood control program, are on the Kings, Tule, Kaweah and Kern rivers. They include: Isabella reservoir on the Kern, capacity 550,000 acre feet, to be constructed at a cost of $9,080,000.

Terminous reservoir on the Kaweah, capacity 100,000 acre feet, $7,662,000.

Success reservoir on the Tule, capacity 50,000 acre feet, $7,115,000.

Pine Flat reservoir on the Kings river, capacity 1,000,000 acre feet, $21,945,000.

oOo

Lodi: Highway matters affecting Amador, Calaveras, San Joaquin, Stanislaus and Tuolumne counties will be discussed today at a meeting of the highway committee of the California State Chamber of Commerce's Central Valley Council.

oOo

Carmel: A new city hall costing an estimated $50,000 is planned as the number one item for postwar municipal construction. Other contemplated construction plans include: enlargement of library, $20,000; street improvements, $12,000; storm drains, $5,000; bulkhead on beach, $2,000.

oOo

Carson City, Nevada: Proposed construction of a connecting road between Eureka on U. S. Highway 50 and a point on U. S. Highway 40 is being planned. The new road is needed due to the increase in mining activity in the Eureka area. Several routes have been proposed but officials have indicated that wherever the connecting route lies, work will begin on it some time between now and July 1. It will be a two-lane, oil surfaced highway. Present plans indicate that approximately 100 miles of construction would be entailed.

oOo

WAGE BOARD MAKES FIRST MONTH'S REPORT

In the first month of operation since it replaced the War Labor Board, the Tenth Regional Wage Stabilization Board has ruled favorably on 36 applications requesting approval of wage increases to be used for pricing purposes or increasing cost to the government, Chairman Thomas Fair Neblett reported today.

Approval to use the full increase for pricing or cost purposes was granted in 33 cases and approval to use part of the increase for these purposes was granted in three cases. To date, no application on wage increases has resulted in complete denial, Neblett said.

Action of the Board has been unanimous in 27 of the favorable rulings, with dissents recorded by either labor or industry in only nine instances.

In approving the 36 applications, the Board found 20 of the requested increases to be in line with prevailing rates; approved seven on the basis of the new wage-price "cost of living" formula; and approved six on the basis of correcting intra-plant inequities. The remaining three requests were approved on the basis of these and other criteria.

In 12 of the cases approval was requested on the basis of increased

(Continued on Page Four)

LUNCHEON MEETING

The American Society of Mechanical Engineers will gather for their monthly luncheon meeting Wednesday, Feb. 20, at 12:10 P. M., at the El Jardin restaurant, 22 California Street.

"Gas Diesels" will be the subject of an address by H. P. Henderson, District Engineer of Worthington Pump & Machinery Corporation. Mr. Henderson will back up his talk with his observations as an experienced field engineer for gas and diesel engines and will illustrate his talk with slides.

GROOVER AND I

RELAX, HAROLD

The one-man tempest being kicked up by the very recent Secretary of Interior may have more sound and fury than solid foundation. Mr. Ickes has been well known for carrying a pocketful of chips to place on his shoulder at a half-moment's notice.

* * *

No one can accuse Mr. Ickes of personal dishonesty or question his sincerity of purpose. However, it is not stretching facts to say he was not the most amiable and congenial man in Official Washington.

* * *

President Roosevelt once referred to Ickes as a "bureaucratic kleptomaniac". This on account of Harold's habit of prowling Washington and grabbing for the Interior Department any activity not nailed down on all four corners.

* * *

The so - called "Tidelands Oil Suit" might rightly be called an official power grab by the Federal government.

* * *

Ownership and control of tidelands, riparian rights, bays, rivers, harbors and lakes belongs to the various States. This has been true since the year 1776!

* * *

Land titles and court rulings have upheld this ever since we have had titles and rulings. Mr. Ickes knows this to be true.

* * *

In 1934 the Department of the Interior received an application for oil drilling rights off the coast of Seal Beach, Calif. Secretary Ickes returned the application, saying that the Department of the Interior had no authority or jurisdiction — that the ownership and authority was vested in the State of California.

* * *

Politically, Mr. Ickes might be called a "mugwump". He is now a Democrat. He was formerly a Republican. During the Bull Moose period, he indulged in a bit of moose-calling. Rumor has it that CIO-PAC is singing serenades under his window.

* * *

Personally, Ickes is a great guy on a fishing trip, but politically, he doesn't seem to do so well in the crockery and glassware section of a department store.

* * *

At 72 years of age, a man shouldn't eat broiled lobster and onions with ice cream.

New High-Test Calcium Hypochlorite Available for General Uses

A new high-test calcium hypochlorite, containing a minimum of 70 per cent available chlorine, is now available for civilian uses, according to an announcement by the Columbia Chemical Division of the Pittsburgh Plate Glass Company. Now marketed under the trade name "Pittchlor", the product previously had been requisitioned by the armed forces in very large quantities as a bleach, germicide and disinfectant.

During the war, calcium hypochlorite was found to be especially use ful in combating emergency conditions such as those found in contaminated reservoirs and water mains. It has special advantages for the chlorination of water supplies up to approximately 500,000 gallons per day, or where the daily requirement of available chlorine is approximately 1 pound.

Low equipment investment and depreciation costs are important factors favoring the use of Pittchlor. Any type of chlorination can be employed: pre-, post-, split- or super-chlorination. For continuous treatment, it can be used with dry feeding devices, or it can be dissolved in water and fed through a solution feeder.

Extensive civilian use is expected when abnormal conditions, such as floods or fires, render permanent installations partially or totally ineffective. An auxiliary hypochlorite installation is excellent insurance for feeding Pittchlor solutions into any point in the water sanitation system as conditions demand. Secondary benefits are that it serves to destroy algae as well as to eliminate offensive odors and tastes.

Pittchlor is easy to handle in the various specialized uses demanded for the treatment of sewage. It can be used at any point in the system where biochemical oxygen demand reduction is necessary for odor control, for the disinfection of areas where dangerous bacterial are likely to be encountered, and as an aid to the precipitation of sewage, especially certain industrial wastes.

In addition to its employment in water and sewage treatment, Pittchlor finds numerous other uses in providing proper sanitation for the protection of the public. Hospitals find extensive use for it in meeting their rigid sanitary requirements. It is used for purifying swimming pool water and in cleaning the pools, for disinfecting and deodorizing locker rooms, toilets, showers, and for providing foot baths to combat athlete's foot.

Literature explaining the uses of Pittchlor is now available by wiring Pittsburgh Plate Glass Co., Columbia Chemical Division, Fifth Avenue at Bellefield, Pittsburgh 13, Pa.

Did You Know That . . .

Chas. F. Strothoff, Executive-Director of the Housing Authority of the City of Richmond, will resign his position as of March 1st to resume the practice of architecture at his San Francisco offices, 1855 Market Street. Mr. Strothoff also plans to open an office in Richmond as soon as a location is available.

—0—

Frederick B. Barss, architect, 268 Market Street, announces that his new telephone number is YUkon 0952. Mr. Barss desires manufacturers' catalogues and literature for his files.

—0—

S. Burford Chasten has resumed his pre-war business as a lathing contractor. The "Kid" offers the same excellent quality and service. Residence office: 1471 - 18th Ave., San Francisco. Telephone Montrose 3371.

—0—

The California State Personnel Board has announced vacancies in the following State civil service positions: Associate Estimator of Building Construction; Junior Estimator of Building Construction; Junior Forestry Engineer. Final date for filing applications on the above positions is Feb. 28. Examination date is March 16.

Chief Engineer, Colorado River Board. Final date for filing applications, March 7. Examinations will be held March 23.

Geological Draftsman. Final date for filing applications, March 13. Examinations will be held March 28.

Further information can be had at the office of the "Builder". Complete information can be obtained at the offices of the California State Personnel Board.

—0—

CAMPAIGN TO PROMOTE USE OF FIRZITE

The United States Plywood Corporation has inaugurated a new and active promotion and sales campaign for Firzite, a wood sealer and softwood hardener, it was announced today. Although Firzite has been on the market for a few years, sales heretofore have been largely confined to the eastern part of the country. United States Plywood's plans now call for national distribution through its chain of warehouses, an aggressive promotional program, and a redesigned package to be marketed primarily through lumber dealers and hardware stores by the Weldwood Glue Department.

Firzite is a resin and oil product especially prepared for use on Fir plywood and other woods which have pronounced alternate hard and soft growths such as pine, spruce and other sofe woods. Its use largely prevents face checking, lays the "wild" grain, provides an even foundation that helps keep the grain from showing through coats of enamel or paint, and reduces the "wild" or "loud" grain where wax, vernish or oil stains are used as finishes.

W. Robert Goepel, Sales Manager of the Weldwood Glue Department of United States Plywood, states that "Firzite's outstanding performance in the past will make it a welcome addition to our line as a popular, practical sealer and hardener for soft wood plywoods."

ASHVE MEETING

The American Society of Heating and Ventilating Engineers, Golden Gate Chapter, will hold their regular meeting Wednesday, February 20th, at 12:15 P. M., at the El Jardin restaurant ,22 California Street.

A. J. Bouey, San Francisco sales engineer for B. F. Sturtevant Co., will speak on the subject of "Fans and Their Characteristics". Mr. Bouey is well qualified to discuss the subject of fans and their selection, having been with the Sturtevant Company for 18 years.

ACME COMPANY IN PLANT EXPANSION

One more building and expansion program has been announced in the fast-growing Emeryville district, by one of the pioneers in that section. The Acme Company, manufacturers of Acme Rolling Doors and Side-Coiling Partitions for industrial firms, school gymnasiums, churches and finer residences, are tearing out some of the older factory buildings and will replace them with a modern steel and concrete factory building. Additional land has also been purchased to expand the warehouse area; the firm will have 24,000 feet in all.

Originally started about 1897 in San Francisco, the business moved to the present site, 3535 Peralta Street, following the 1906 fire in San Francisco, to make doors, partitions and ladders of fine spruce, including auditorium and gymnasium partitions exceeding 100 feet in width and 26 feet in height. These huge partitions are shipped to all sections of the United States.

Later, steel rolling doors were produced but this was curtailed when World War II began. Thanks to the huge increase in production of aluminum, the firm now announces its postwar door will be made of aluminum, which is now competitive with steel or wood. Acme Company has just purchased its own rolling machine, and will roll both aluminum and steel slats locally; in addition, material will be rolled for contractors and builders working on the Veteran Housing Program. This work was previously done in the East.

Of special interest to home-owners, will be an electrically operated garage door, controlled magnet, electric-eye or keylock. This can be fitted to existing doors, or to new construction.

W. C. Grant, engineer and designer with the original firm for the past 27 years, remains with the present owners of the property, Howard Hill and Don Durham.

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ADVANCE CONSTRUCTION REPORTS

DAILY PACIFIC BUILDER
(Established 1890)
Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

SUBSCRIPTION RATES:
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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Religious Buildings 18-19
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Residential Buildings 22-26
Transportation Bldgs. 27
Miscellaneous Bldgs. 28-30

1-8—COMMERCIAL BLDGS.

2/19/46 • 4
PREPARING WORKING DRAWINGS
OFFICE BUILDING
Estimated Cost, $35,000-$40,000
RICHMOND, Contra Costa County, Calif. Southwest corner 11th and Nevin.
Construction of one-story and basement building with provisions for second story.
Owner—East Bay Municipal Utilities Water District, 717 Macdonald Ave., Richmond.
Architect—Charles F. Strothoff, 1855 Market St., San Francisco.

When constructed, owner's offices will be moved from the present location.

2/19/46 • 3
BIDS WANTED

BARSTOW, San Bernardino Co., Calif.—Until March 5, 11 A. M., bids will be received by the U. S. Navy, Public Works Department, 11th Naval District, San Diego, for the construction of additional storage facilities at the Marine Corps Depot of Supplies, Barstow; Specification No. 17286. Plans and specifications may be obtained from the officer in charge of construction, Public Works Department, U. S. Navy, 1220 Pacific Highway, San Diego, upon deposit of check or postal money order for $10, payable to the Chief of Bureau of Yards and Docks.

2/19/46 • 3
PLANS BEING FIGURED—BIDS OPEN MARCH 6
SHOP AND STORAGE BUILDING
PITTSBURG, Contra Costa Co., Calif. Sheil Point.
Construction of agricultural shop and storage building.
Owner—Shell Chemical Co., Willow Pass Rd., Pittsburg.
Plans prepared by owner.

Plans are being figured by a selected list of contractors.

2/19/46 • 4
CONTRACT AWARDED
REMODEL OFFICE BUILDING
Cost, $75,000
SAN FRANCISCO. South side California St., east of Battery St.
Remodel office building, including new heating plant and ventilating system, new elevator, metal lath and plaster patritions, oak interior finish, acoustical ceilings.
Owner—George Hart.
Architects—S. Heiman and Ralph N. Pollack, 605 Market St., San Francisco.
Contractor—Jacks & Irvine, 620 Market St., San Francisco.

2/19/46 • 4
CONTRACT AWARDED
REMODEL OFFICES Cost, $6000
SAN FRANCISCO. 221 Sansome St
Remodel entrance and lobby of office building.
Owner—Login Corp., 300 Montgomery St.
Architects—S. Heiman and Ralph N. Pollack, 605 Market St.
Contractor—Jacks & Irvine, 620 Market St., San Francisco.

2/19/46 • • 2
PLANS BEING FIGURED—BIDS OPEN MARCH, 1, 2 P. M.
TRUCK TERMINAL
SAN FRANCISCO. 675 Brannan St.
Construction of reinforced concrete truck terminal building.
Owner—Oregon - Calif. - Nev. Fast Freight Lines, 675 Brannan St.
Architect—W. D. Peugh, 333 Montgomery Street.

Plans are being figured by a selected list of contractors.

2/19/46 8
WORK UNDER WAY
SHOWROOM Est. Cost, $75,000
SAN RAFAEL, Marin County, Calif. 2158 Fourth St.
Construction of showroom, service and repair shop to cover 10,000 sq. ft., plus parking lot; modernistic architecture with 128-ft. plate glass front.
Owner—Armstrong-Campbell Co., 719 Francisco Blvd.
Contractor—E. P. Merritt, 102 Rialto Bldg., San Francisco.

2/19/46 • 6
PREPARING WORKING DRAWINGS
STORE BUILDING Cost, $30,000
FRESNO, Fresno County, Calif.
Construction of one-story class C store building.
Owner—J. C. Millet Co.
Architect—Irvin William Goldstine, 821 Market St., San Francisco.

2/19/46 • • 4
PREPARING WORKING DRAWINGS
MEDICAL BLDG. Cost, $50,000
OAKLAND, Alameda Co., Cal. Summit Street near 30th Street.
Construction of 2-story part brick and wood frame medical building, containing 5 suites; stucco exterior.
OwnerMr. Libby, c/o Architect.
Architect—Reynolds & Chamberlain, 3833 Piedmont Ave., Oakland.

2/19/46 • • 8
PLANS ON FILE
AUTOMOBILE AND APPLIANCE. BUILDING
SAN FRANCISCO. NE Cor. Geary Blvd. and Blake Street.
Construction of one-story reinforced concrete automobile and appliance sales and service building; work includes excavation, concrete work, structural steel, carpentry, mill work, roofing, sheet metal work, porcelain enameled iron, misc. and ornamental steel and iron work, lathing and plastering, glass and glazing, painting, linoleum, auto hoists, gasoline tanks and pumps, electrical work, etc.
Owner—Harry Krieger and Son, c/o Engineer.
Consulting Engineer—Hyman Rosenthal, 617 Montgomery Street.
Architect—Theo. G. Ruegg, 617 Montgomery Street.

Separate bids will be received for general construction, and plumbing and heating.

As previously reported, bids will be received February 26, 3 P. M., in the office of the engineer.

A set of plans and copy of specifications are now on file for examination at the office of DAILY PACIFIC BUILDER, 465 Tenth Street.

2/19/46 • • 8
BIDS WANTED—
TO BE OPENED FEB. 21, 2 P. M.
SPORTS STORE BLDG.
SACRAMENTO, Calif. Alhambra and "L" Streets.
Construction of 1-story reinf. conc. sports store building.
Owner—Withheld.
Architect—Harry J. Devine, 624 R St., Sacramento.

Separate bids are being received for general construction and electric work.

Following contractors have taken out plans:

General Work

Campbell Constr. Co., 228 E Transit St., Ontario.

Transwestern Constr. Co., 1402 Front St., Sacramento.

M. J. King, Inc., 231 Franklin St., San Francisco.

Electric Work

Manuel Joseph, 1020 J St., Sacramento.

J. C. Hobrecht Co., 2233 Portola Way, Sacramento.

2/19/46 • • 6
PLANS COMPLETED
STORE BLDG. Cost, $15,000
SAN FRANCISCO. Ocean Ave. and Lagunitas.
Construction of one-story and mezzanine store building.
Owner—Sidney Cohn.
Architect—S. Heiman and Ralph N. Pollack, 605 Market Street.
Contraotor — Mills Constr. Co., 605 Market Street.

2/19/46 • • 6
CONTRACT AWARDED
STORES AND APARTMENTS
Contract Price, $132,450
OAKLAND, Alameda County, Calif. N. Grand Ave. east of Euclid Ave.
Construction of building to contain six stores and four studio apartments on second floor; each apartment to consist of living room with twin wall beds, dinette, kitchen, dressing room and separate rooms for washbasin, tub and toilet.
Owner—Foster W. Weeks.
Plans prepared by W. C. Helms, 1759 Broadway, Oakland.
Contractor—Empire Constr. Co., Ltd. 344 aHrriet St., San Francisco.

9-10—EDUCATIONAL BUILDINGS

2/19/46 • 9
BOND ELECTION
REMODEL SCHOOLS Cost, $267,390
RENO, Washoe County, Nev.
Remodel B. D. Billinghurst Junior High School, McKinley Park Grammar School and Orvis Ring Grammar School.
Owner—Reno School District No. 10, Earl Wooster, superintendent of schools, 139 W. 6th St., Reno, Nev.
Architect—Not announced.

The district will vote March 2 on a proposal to issue bonds in amount of $1,500,000 to finance school construction.

2/19/46 • 9
BOND ELECTION
SENIOR HIGH SCHOOL
Cost, $1,000,000
RENO, Washoe County, Nev. Reno Senior High School.
Construction of new senior high school.
Owner—Reno School District No. 10, Earl Wooster, superintendent of schools, 139 W. 6th St., Reno, Nev.
Architect—Not announced.

The district will vote March 2 on a proposal to issue bonds in amount of $1,500,000 to finance school construction.

2/19/46 • 9
GRAMMAR SCHOOL Cost, $232,610
RENO, Washoe County, Nev. Intersection of Wonder, Locust, Kirman and Vassar Sts.
Construction of new grammar school building.
Owner—Reno School District No. 10, Earl Wooster, superintendent of schools, 139 W. 6th St., Reno, Nev.
Architect—Guiling & Means, Clay Peters Bldg., Reno.

The district will vote March 2 on a proposal to issue bonds in amount of $1,500,000 to finance school construction.

2/19/46 • 9
PROSPECTIVE BIDDERS
SCHOOL BUILDING
SAN MATEO, San Mateo Co., Calif. Laurel School.
Construction of eight-classroom steel frame school building, concrete floor slab, wood roof rafters and wood stud walls, etc.
Owner — San Mateo Elementary School District, superintendent of schools, 120 N. Ellsworth St., San Mateo.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco.

Plans and specifications may be obtained from the office of the architect upon deposit of $25.

As previously reported, bids will be opened February 28, 8 P. M.

The following contractors have taken out plans:

C. F. Parker, 1644 Monterey Blvd., San Francisco.

Erbentraut & Summers, 446 6th St., San Francisco.

B. & R. construction Co., 268 Market St., San Francisco.

Engineering Design Co., 20 2nd St., San Francisco.

2/19/46 9
ARCHITECT SELECTED
SCHOOL BLDG. Cost, $25,000
OROVILLE, Butte Co., Cal. Oroville High School, south of main bldg.
Construction of 5-room school building unit, stucco exterior.
Owner—Board of Trustees, Oroville High School, James C. Nisbet, 2074 Wilcox St., Oroville.
Architect — E. Geoffrey Bangs, 605 Market St.. San Francisco.

11—HOSPITALS

2/19/46 • 11
SUB-CONTRACTS AWARDED
ANIMAL HOSPITAL
Estimated Cost, $15,000
PITTSBURG, Contra Costa Co., Calif. Corner of Marine Ave. and Willow Pass Rd.
Construction of animal hospital (45x 40 ft.) of basalt rock construtcion, involving kennels, runways and surgical room.
Owner and Builder—Benard E. Enes, R.F.D. 7, Box 480, Pittsburg, Calif.
Roofing—Mastercraft Tile & Roofing Co., 1 20th St., Richmond.
Plumbing—Stanton Plumbing Service, 149 E. 3rd St, Pittsburg.
Electric Wiring—Bannister Electric Co., Pittsburg.
Glass—East Bay Glass Co., 621 6th St., Oakland.
Brick and Stone Work—A. Hallert, 2500 65th Ave., Oakland.

2/19/46 • 11
PREPARING PLANS
HOSPITAL ADDITION
SACRAMENTO, Sacramento County, Calif.
Construction of addition to Mercy Hospital.
Owner—Sisters of Mercy Hospital, 40th and J Sts., Sacramento.
Architect—Harry J. Devine, 624 R St., Sacramento.

2/19/46 • 11
PREPARING PLANS
NEW HOSPITAL
REDDING, Shasta County, Calif.
Construction of new hospital building.
Owner—Sisters of Mercy Hospital, 40th and J Sts., Sacramento.
Architect—Harry J. Devine, 624 R St., Sacramento.

12-13—INDUSTRIAL BUILDINGS

2/19/46 • 12
PLANNED
STEAM BOILER PLANT
OAKLAND, Alameda County, Calif.
Construction of steam boiler plant, cost $100,000; and new preparation room.
Owner—Gerber Products Co., 801 98th Ave., Oakland.
Architect—Not announced.

2/19/46 • 12
PLANNED
REFRIGERATOR PLANT
Cost, $50,000
NILES, Alameda County, Calif.
Construction of refrigeration plant to provide 1000 family locker units.
Owner—Pacific Cold Storage Co., C. W. Chrysler, vice-president, Niles.
Architect—Not announced.

2/19/46 • 13
BIDS WANTED

INYOKERN, Kern Co., Calif.—Until March 5, 11 A. M., bids will be received by the officer in charge of construction, Naval Ordnance Test Station, Inyokern, under Spec. 17505 for construction of underground steam distribution and condensate return system with piping, manholes, etc., and installing steam and condensate return piping, fittings, electric hot water heaters and appliances and adapting portions of existing hot water system to steam heating in buildings, area FH, Naval Ordnance Test Station, Inyokern.

Specifications obtainable from the above office upon deposit of check or postal money order for $15, payable to the Chief of Bureau of Yards and Docks.

14-17—PUBLIC BLDGS.

2/19/46 • • 16
BIDS WANTED

BRAWLEY, Imperial Co., Calif.—Until March 6, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agcy., Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting and misc. repairs at the U. S. post office at Brawley.

Plans and specifications obtainable from the above office of the district engineer.

2/19/46 • 46
PLANNED
PLANT ADDITION Cost, $200,000
OAKLAND, Alameda County, Calif.
Construction of addition to airport overhauling shops.
Owner—Pacific Airmotive Corp., A. A. MacDonald, manager, Oakland Airport, Oakland.
Architect—Not announced.

BUILDINGS 18-19—RELIGIOUS BLDGS.

2/19/46 • 19
CONTRACT AWARDED
ALTERATIONS AND ADDITIONS
Cost, $30,000
SAN FRANCISCO.
Alterations and additions to undertaking parlor.
Owner—White's Funeral Service, Inc., 2200 Sutter St., San Francisco.
Architect—Irvin William Goldstine, 821 Market St., San Francisco.
Contractor—J. S. Malloch, 666 Mission St., San Francisco.

20-21—SOCIAL AND RECREATIONAL BLDGS.

2/19/46 • 20
PREPARING PRELIMINARY SKETCHES
LODGE Est. Cost, $75,000-$80,000
RICHMOND, Contra Costa County, Calif. 315 10th St.
Modernization, refurnishing and rebuilding of Richmond Lodge of Elks; basement and clubrooms, installation of elevator, ventilating and heating systems.
Owner—Richmond Elks' Hall Association, Edgar Dale, secretary, 315 10th St.
Architect—Charles F. Strothoff, 1855 Market St., San Francisco.

2/19/46 • 20
PLANNED
RECREATION BUILDING
Cost, $150,000
OAKLAND, Alameda County, Calif. Piedmont Ave. between MacArthur Blvd. and Yosemite Ave.
Construct a two-story and mezzanine recreation center building, including half sunken basement garage with parking space for 70 autos, 14 bowling alleys, offices and restrooms, restaurant, etc.
Owner—Dr. Frank B. Tower, 3783 Piedmont Ave., Oakland.

22-26—RESIDENTIAL BUILDINGS

2/19/46 • 24
PREPARING WORKING DRAWINGS
RESIDENCE Est. Cost, $27,000
LAKE TAHOE, Calif. Below Chambers Lodge.
Construction of one- and two-story frame residence (12 rooms).
Owner—Al Sanford, c/o architect .
Architect—Charles F. Strothoff, 1855 Market St., San Francisco.

2/19/46 • 24
PREPARING WORKING DRAWINGS
RESIDENCE Est. Cost, $45,000
WALNUT CREEK, Contra Costa Co., Calif.
One- and part two-story frame and stucco ranch type residence, 125 ft. long.
Architect—Charles F. Strothoff, 1855 Market St., San Francisco.

EMPLOYMENT SERVICE

For further information regarding positions listed under this classification address Newton D. Cook, Manager, Engineering Societies' Personnel Service, 57 Post St., San Francisco.

TECHNICAL PERSONNEL, ()a Mechl. designer, exper. on complex mechl. movements; (b) aeronautical stress analyst for model design; (c) testing engineer familiar with optical and electrical devices for structural testing. Duration 6-12 mos. Salary open. East Bay. S-515. Newton D. Cook, 57 Post St., San Francisco.

TRANSITMAN for genl. land surveys. Salary about $300 mo. Carmel. S-592. Newton D. Cook, 57 Post St., San Francisco.

DRAFTSMAN, genl. civil engrg. exper., for municipal work. Perm. $300 mo. East Bay. S-586. Newton D. Cook, 57 Post St., San Francisco.

STRUCTL. DESIGNER, exper. on preparation of steel and concrete design drawings. Sal. open. San Francisco. S-580. Newton D. Cook, 57 Post St., San Francisco.

STRUCTL. or ARCHTL. DESIGNERS and DRAFTSMEN for private office. Sal. open. San Francisco. S-447. Newton D. Cook, 57 Post St., San Francisco.

MINING ENGINEER, familiar with gold mining or milling, for perm. connection with good prospects in proven ground. Married man pref'd. Salary open. Location South America; hdqs. California. S-565. Newton D. Cook, 57 Post St., San Francisco.

ARCHTL. DESIGNER with several yrs. exper. on the drawing board for construction co. Salary open. San Francisco. S-573. Newton D. Cook, 57 Post St., San Francisco.

OFFICIAL PROPOSAL

LS-348—Install C. I. Water Mains

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the East Bay Municipal Utility District, Room 205, 512 Sixteenth Street, Oakland, California, until 5:30 P.M., Wednesday, February 27 ,1946, and will at that hour be opened, for installing approximately 22,870 linear feet of 2-inch, 4-inch, 6-inch, 8-inch and 10-inch diameter cast iron water mains in Contra Costa and Alameda Counties, California.

The general prevailing rate of per diem wages in the locality in which the work is to be performed, for laborers and each craft or type of workman and mechanic needed to execute the contract, and the general prevailing rate for legal holiday and overtime work specifically set forth in the plans and specifications on file with the Secretary of the District, are referred to and incorporated herein.

Specifications (No. LS 348) may be obtained at Room 406 of the office of the District.

DANIEL READ,
Secretary.

Oakland, California,
February 14, 1946
(Daily Pacific Builder)
(Feb. 18, 1946)

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Approx. 45,000 sq. ft. LUMBER 1x6 and 2x4 built-up in forms. If interested in entire lot phone EX 6905.
(2/13-14-15-16(19)

FOR RENT

LUMBER HANDLING EQUIPMENT: CARRIERS, STACKERS, TRUCKS. Call Mac, Pacific Carriers. Oakland. KE 4-1651.

WANTED

WORK FOR D 8 TRACTORS, CARRYALLS and TERRA COBRAS. Phone Stockton [illegible]. tf

OVERHEAD CROSSING, LOS ANGELES

LOS ANGELES, Calif.—E. W. Elliott, 1200 California St., San Francisco, at $849,357 submitted low bid to the State Division of Highways, G. T. McCoy, State Highway Engineer, State Bldg., Los Angeles, for construction of structural steel overhead crossing on Terminal Island Freeway over the tracks of Union Pacific, Southern Pacific and Pacific Electric at Anaheim Street, Los Angeles.

This is a National Defense contract.

Work involves:
(1) 9,000 c.y. struc. excav.;
(2) 8,300 c.y. Class A portland cement concrete;
(3) 4,094,000 lbs. furnish struc. steel;
(4) 4,094,000 lbs. erect do;
(5) 75,160 l.f. furnish timber piles;
(6) 1,668 each drive timber piles;
(7) 3,770 l.f. furnish steel piles;
(8) 58 each drive do;
(9) 40 each pile splices;
(10) 1,622,000 lbs. furnish bar reinf. steel;
(11) 1,622,000 lbs. place do;
(12) 3,566 l.f. steel railing;
(13) electrical equipment;
(14) misc. items of work.

Total bids were:
(A) E. W. Elliott Constr. Co., San Francisco, $849,357.
(B) Peter Kiewit Sons Co., Los Angeles, $892,606.50.
(C) E. B. Bishop, Orland, $897,226.
(D) Macco Constr. Co., Clearwater, $897,732.
(E) Guy F. Atkinson Co. Long Beach $905,030.
(F) Baruch Corp., Los Angeles, $971,676.80.
(G) Robert E .McKee, Los Angeles, $972,336.
(H) Griffith Co., Los Angeles, $1,014,069.10.

Unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$2.20	$4.75	$2.00	$4.25	$2.50	$2.10	$5.30	$5.00
(2)	28.00	30.00	30.00	29.00	30.00	30.00	29.00	32.00
(3)	.08	.08	.09	.08	.08	.1026	.093	.092
(4)	.016	.02	.0125	.02	.025	.0139	.025	.025
(5)	.50	.55	.50	.45	.50	.53	.54	.60
(6)	25.00	15.00	24.00	27.00	20.00	23.70	14.00	20.50
(7)	2.00	2.25	2.00	2.00	2.00	2.14	2.18	2.15
(8)	48.00	40.00	40.00	50.00	35.00	28.50	50.00	35.50
(9)	25.00	22.50	12.00	25.00	15.00	19.95	33.00	15.00
(10)	.045	.042	.0475	.04	.045	.043	.044	.043
(11)	.0125	.014	.0150	.02	.015	.0217	.016	.022
(12)	4.00	4.00	4.00	4.00	12.00	5.70	4.50	5.10
(13)	3500.00	7300.00	6000.00	6000.00	6000.00	7370.00	8400.00	8400.00
(14)	2500.00	1000.00	1000.00	1500.00	1400.00	4500.00	2700.00	2400.00

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Outdoor Gunnery Range Spec. 17507, NOy 13346	Crows Landing	2-26
Automobile and Appliance Bldg. Geary Blvd. and Blake Street	San Francisco	2-26

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Superstructure, Shop Bldg. No. 411, Shipfitters and Boilermakers Shop, San Francisco Naval Shipyard; Bids open February 21, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
A. Farnell Blair, 9 Main St., San Francisco (YUkon 0390)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co. 923 Folsom St., San Francisco (SUtter 3440).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Outdoor Gunnery Range, NAAS, Crows Landing; Spec. 17507; Bids open February 26, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Patrick M. Sofarelli, 20387 Anita Ave., Hayward (Hayward 806).
Henry Arian, 4142 Geary Blvd., San Francisco (BAyview 5797)

Residence for San Francisco Theological Seminary, San Anselmo; Bids open February 21, 3:00 P. M.
B. & R. Constr. Co., 268 Market St., San Francisco (DOuglas 7516).
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., San Francisco (MIssion 1490)
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8217).

Krieger Automotive and Sales Bldg., Geary and Blake, San Francisco; Bids open February 26, 3 P. M.
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., San Francisco (MIssion 1490)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Empire Constr. Co., 344 Harriet Street, San Francisco (HEmlock 3400)
Midstate Constr. Co., 1299 Bush St., San Francisco (ORdway 4638)
Jacks & Irvine, 620 Market St , San Francisco (GArfield 2106)

Industrial Bldg., Tennessee near 20th St., S. F.; Bids open Feb. 19, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
E. S. McKittrick Co., 610—16th St., Oakland (TWin Oaks 5070).

Store Bldg., University YMCA, Berkeley; Bids open Feb. 26, 2 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Anderson & Hagland, Inc., 219—41st St., Oakland (OLympic 9103).
Stolte, Inc., 8451 San Leandro Blvd., Oakland (TRinidad 1064)

Store Bldg., Broderick St., Oakland; Bids open Feb. 26, 2 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Anderson & Hagland, Inc., 219—41st St., Oakland (OLympic 9103).
Stolte, Inc., 8451 San Leandro Blvd., Oakland (TRinidad 1064)
Empire Constr. Co., Ltd., 344 Harriet St., S. F. (HEmlock 3400)

Richland Elementary School District, School Bldg., Shafter; Bids open February 27, 7:30 P. M.
Guy E. Hall, 1826 30th St., Bakersfield (Bakersfield 88695)
Rademann-Giusto, 40 Ringold Street, San Francisco (MArket 8151).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)

Heil Equipment Co. Bldg., 963 Harrison St., S. F.; Bids open Feb. 19
Monson Brothers, 475 Sixth St., San Francisco (DOuglas 5357)
J. D. O'Connor Constr. Co., 391 Sutter St., S. F. (DOuglas 6626)

Truck Terminal, Ore.-Nev.-Calif. Fast Freight; Bids open Mar. 1, 2 P. M.
Jacks & Irvine, 620 Market St., San Francisco (GArfield 2106)

Shell Chemical Shop and Storage Bldg., Shell Point; Bids open March 6
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)

Don Mill Sports Store, Sacramento: Bids open February 21
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209)

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ADVANCE CONSTRUCTION REPORTS

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Gas, Water and Oil Pipe Lines	41

33—BRIDGES

2/19/46 • • 33

CONTRACTS AWARDED

MERCED, Merced Co., Calif.—E. P. Kirk, R. R. No. 3, Box 114, Fresno, at (No. 382) $2553; and (No. 385) $3746.40; and Roy Kruger, Gustine, at (No. 381) $3960; (No. 383), $3370; and (No. 384) $2180, awarded contracts by the Board of Supervisors of Merced County, R. W. Cothran, clerk, County Courthouse, Merced, for the construction of the following:

Bridge No. 381—Pile timber bridge over Owens Creek on the Le Grand-Planada Rd., in Section 35, T. 7, S.R. 15 E. M. D. B. & M.;

Bridge No. 382—Pile, timber bridge over Miles Creek on the east line of Section 3, T. 8 S. R. 14 E.;

Bridge No. 383—Pile, timber bridge over Deadman's Creek on Le Grand-Minturn Rd., on the west line of Section 30, T. 8 S. R. 16 E.;

Bridge No. 384—Reconstruction uf timber bridge on present concrete headwalls and footings over canal on the Ingomar Quinto Rd. at the southwest corner of Section 9, T. 9 S. R. 9 E.;

Bridge No. 385—Pile, timber bridge over Fairfield Canal on the Grimes Rd. at the southwest corner of Section 13, T. 7 S. R. 14 E.

Complete bids follow: (382) $2553; (383) $3371.38; ()84) $2,- (382) $2553; (383) $3371.39; (384) $2,-521.44; (385) $3746.40.

Roy Kruger, Gustine (381) $3960; (382) $2830; (383) $3370; (384) $2180; (385) $4480.

Stockton Constr. Co., (381) $11,-900; (382) $6500; (383) $9890; (384) $7600; (385) $8790.

34—DAMS, RESERVOIRS & DREDGING

2/19/46 • • 34

BIDS WANTED

GRASS VALLEY, Nevada Co., Cal. Until March 8, 2 P. M., bids will be received by the Nevada Irrigation District, Elizabeth Johnson, Secretary, Grass Valley, for construction of the D-S canal extension, clearing and earthwork. The proposed work is located about three miles east of Grass Valley and involves approximately:

(1) 30 acres of clearing canal right of way;
(2) 20 acres grubbing canal do;
(3) 80,000 c.y. canal excavation.

Specifications are on file at the above office or at the office of Blackie & Wood, consulting engineers, 544 Market St., San Francisco and may be obtained upon payment of $5.00.

2/19/46 • 34

CORRECTION—BIDS WANTED

CENTRAL VALLEY PROJECT, California. — As previously reported, until March 12, 10 A. M., bids will be received by the Bureau of Reclamation, Old High School Bldg., Antioch, under Spec. No. 1172 for the construction of earthwork, canal lining and structures, Contra Costa Canal, station 2321+25 to the end, and Mountain View Reservoir, Delta Division, Central Valley Project, California. The work is situated from about 1 mile east to about 3½ miles southeast of Martinez, Calif.

Place of opening previously reported incorrectly.

No charge to prospective bidders for copies of the specifications and drawings; to others, $2.75 per copy, not returnable.

Guarantee will be required with each bid in an amount not less than 10 per cent of the amount of the bid.

35— DOCKS, PIERS & HARBORS

2/19/46 • 35

BIDS OPENED

SAN DIEGO, Calif. — Fischback & Moore, Inc., 1509 W. 8th St., Los Angeles, at $872,000, submitted the low bid to the U. S. Navy, Public Works Office, 11th Naval District, 1220 Pacific Highway, San Diego, February 14, for the construction of additions and alterations to the existing station electrical distribution system and new facilities to provide adequate electrical services and outlets to Piers No. 10 to 13, inclusive, for reserve fleet berthing facilities; Specification No. 17544.

Bids were submitted as follows:

(1) price for entire work complete;
(2) amount to be deducted under Item 1 for omission of new 15,000-volt switchgear for switching station "O" and switching station P;
(3) amount to be deducted under Item 1 for omission of two portable motor generator sets.

The complete bids submitted were: Fischback & Moore, Inc., 3 days, (1) $872,000, (2) $70,471, (3) $40,446.50.

M. H. Golden Construction Co., 5 days, (1) $895,316, (2) $72,308, (3) $43,-048.

Newbery Electric Co., 1 day, (1) $912,000, (2) $75,627, (3) $44,000.

California Electric Co., 7 days, (1) $932,000, (2) $81,370, (3) $46,230.

36— PARKS, AIRPORTS & PLAYGROUNDS

2/19/46 36

CONTRACT AWARDED

SAN FRANCISCO.—N. O. Wiseth, 711 McAllister St., at $2275, awarded contract by the Board of Park Commissioners, McLaren Lodge, Golden Gate Park, for construction of tool and equipment shed at Lincoln Park municipal golf course.

2/19/46 36

CONTRACT AWARDED

SAN FRANCISCO. — O'Mara & Stewart, Ltd., 218 Clara St., at $7600, awarded contract by the Board of Park Commissioners, McLaren Lodge, Golden Gate Park, for repairs to heating plant furnaces at Fleishhacker Pool.

38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

2/19/46 • 38

BIDS WANTED

INYOKERN, Kern Co., Calif.—Until March 5, 11 A. M., bids will be received by the officer in charge of construction, Naval Ordnance Test Station, Inyokern, under Spec. 17504 for construction of street lighting system in the FH area.

Specifications obtainable from the above office upon deposit of check or postal money order for $20, payable to the Chief of Bureau of Yards and Docks.

2/19/46 • 38

BIDS WANTED

WIBAUX, Mont. — Until Feb. 27, bids will be received by the Goldenwest Electric Coop., Inc., Wibaux, Mont., for construction of 351 miles of transmission line in Wibaux and Fallon counties, Montana, and Golden Valley County, North Dakota.

Specifications obtainable from the State Water Conservation Board, Rural Electrification Dept., Helena, Mont., upon deposit of $25.

39—SEWERS

2/19/46 • • 39

BIDS WANTED

OAKLEY, Contra Costa Co., Calif. —Until March 1, 8 P. M., bids will be received by the Oakley Sanitary District, Frank D. Porto, Secretary, Sportsman's Club, Acme and First Sts., Oakley, for construction of sanitary sewers in and for a portion of the district.

Work involves:

(1) 10,514 l.f. 6-in. vit. clay pipe;
(2) 5929 l.f. 8-inch do;
(3) 32 l.f. 6-in. Class A cast iron pipe;
(4) 114 l.f. 10-inch do;
(5) 5750 l.f. 4-in. vit. clay pipe sewer
(6) 215 each 6x4-in. vit. clay Y's;
(7) 34 each 8x4-inch do;
(8) 43 each brick manholes;
(9) 15 each risers or cleanouts;
(10) lump sum, concrete septic tank
(11) 1460 l.f. construct barbed wire fence.

Specifications obtainable from the office of the district engineer, L. Cedric Macabee, 759 Las Juntas St., Martinez, upon deposit of $10.00.

2/19/46 • 39

BIDS WANTED

FRESNO, Calif.—Until February 28, 10:30 A. M., bids will be received by the city council of the City of Fresno, D. E. Roughton, city clerk, City Hall, Fresno, for the sewering of Westwood Heights, Palm Garden Subdivision No. 2 and Delver Place, Fresno; 1911 act.

The work involves:

(1) 699 lin. ft. 12in-. concrete sewer pipe in place;
(2) 2501 lin. ft. 6-in. vitrified clay pipe sewer in place;
(3) 102 4-in. and 6-in. Y branches;
(4) 6 masonry manholes with cast iron frames and covers.

Specifications available from the above office.

2/19/46 39

BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until February 27, 3 P. M., bids will be received by A. S. Soule, secretary of County Sanitation District No. 5 of Los Angeles County, at the office of said district, 3rd floor, 1206 Maple Ave., Los Angeles, for the construction of that portion of the Arlington Ave. extension trunk sewer from Pacific Electric Railroad and Arlington Ave. to the first alley east of Western Ave. on 108 th St., Los Angeles County.

Plans and specifications available from the chief engineer at the above address upon deposit of $5; guarantee of 10% to accompany bids; three months for completion.

2/19/46 • 39

BIDS WANTED

FRESNO, Calif.—Until February 28, 10:30 A. M., bids will be received by the city council of the City of Fresno, D. E. Roughton, city clerk, City Hall, Fresno, for the sewering of Arnbrister Addition, Elm Addition No. 4 and a portion of Elm Addition No. 1, Fresno; 1911 act.

The work involves:

(1) 2350 lin. ft. 6-in. vitrified clay pipe sewer in place;
(2) 98 4-in. on 6-in. Y branches;
(3) 7 masonry manholes with cast iron frames and covers.

Specifications available from the above office.

40— STREETS AND HIGHWAYS

2/19/46 • 40

BIDS WANTED

INYOKERN, Kern Co., Calif.—Until March 5, 11 A. M., bids will be received by the officer in charge of construction, Naval Ordnance Test Station, Inyokern, Calif., under Spec. 17503 for construction of roads, parking areas and sidewalks, consisting of asphaltic concrete pavement and grading pertinent to the placing thereof, and portland cement concrete sidewalks, FH area.

Specifications obtainable from the above office upon deposit of check or postal money order for $20, payable to the Chief of Bureau of Yards and Docks.

2/19/46 • • 40

BIDS POSTPONED

CENTRAL VALLEY PROJECT.—Until March 20, 2 P. M. (postponed from March 6), bids will be received by the Bureau of Reclamation, Denver, for furnishing and delivering fob cars at the shipping point or fob cars at Redding, Calif., at the option of the bidder, one operating unit with control equipment, and one lot of plate-steel inlet and discharge pipes for a 72x93-inch horizontal jet pump or the fish trap at Keswick Dam, Central Valley Project; Spec. No. 1163. All of the apparatus will be installed by the government. The specifications contain a provision of liquidated damages for delay. No charge for copies of the specifications to prospective bona fide bidders; to others, $1.50, not returnable.

2/19/46 • 40

BIDS WANTED

LAKE COUNTY, Calif.—Until Mar. 20, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about two miles grading and surfacing between 1.2 miles north of Rodman Narrow Rd. and Route 15, Lake County.

The work involves:

(1) 23 acres clearing and grubbing;
(2) 168,200 cu. yds. roadway excavation;
(3) 2110 cu. yds. structural excavation;
(4) 977,000 sta. yds. overhaul;
(5) 770 cu. yds. ditch and channel excavation;
(6) 4000 sq. yds. compact original ground;
(7) develop water supply and furnish water equipment;
(8) 3400 M gallons apply water;
(9) 107 sta. finish roadway;
(10) 12,800 cu. yds. imported base material, type B;
(11) 8000 cu. yds. imported base material, type A;
(12) 41 tons liquid asphalt SC-2 prime coat;
(13) 5900 tons minimum aggregate plant mix surfacing;
(14) 224 tons paving asphalt, 120-150 penetration, ppiant mix surfacing;
(15) 71 tons liquid asphalt, SC-4, SC-5 or SC-6 plant mix surfacing;
(16) 11 tons asphalt paint binder;
(17) 40 tons liquid asphalt RORC-5 seal coat;
(18) 480 tons screenings seal coat;
(19) 57 cu. yds. class A portland cement concrete structures;
(20) 3600 lbs. bar reinforcing steel;
(21) 1 each cast steel frame and cover;
(22) 670 cu. yds. sacked portland cement concrete riprap;
(23) 60 each monuments;
(24) 80 each culvert markers and guide posts;
(25) 3.3 miles new property fence;
(26) 8 each drive gates;
(27) 90 lin. ft. 8-in. CMP downdrains, 16-gage;
(28) 730 lin. ft. 18-in. CMP, 16-gage;
(29) 204 lin. ft. 24-in. CMP, 14-gage;
(30) 490 lin. ft. 36-in. CMP, 12-gage;
(31) 140 lin. ft. 48-in. CMP, 10-gage;
(32) 3 each spillway assemblies;
(33) 18 sta. obliterating existing roadway.

Specifications obtainable from the above office.

2/19/46 • 40

COMPLETE BIDS

LOS ANGELES, Calif.—As previously reported, M. H. Golden Construction Co., 3485 Lowell St., San Diego, at $62,053.88, submitted low bid to the State Division of Highways, G. T. McCoy, state highway engineer, State Bldg., Los Angeles, for construction of Balboa Park project.

Work involves:

(1) 1,000 c.y struc. excav.;
(2) 800 c.y. struct. backfill;
(3) 946 c.y. Class A portland cement concrete;
(4) 434 l.f. steel railing;
(5) 700 lbs. misc. iron and steel;
(6) 253,000 lbs. furnish bar reinf. steel
(7) 253,000 lbs. place do;
(8) lighting equipment;
(9) misc. items of work.

The total bids were:

(A) M. H. Golden Construction Co., San Diego, $62,053.88.
(B) B. G. Carroll and Harry A. Foster, San Diego, $71,359.
(C) Mittry Bros., Los Angeles, $83,-214.
(D) Haddock Engineers, Ltd., Oceanside, $96,793.

The unit bids were:

	(A)	(B)	(C)	(D)
(1)....	$ 2.00	$ 4.00	$ 3.00	$ 4.50
(2)....	2.00	2.00	3.00	3.50
(3)....	41.75	45.00	49.00	67.50
(4)....	4.67	6.00	10.00	5.50
(5)....	.378	.75	.50	.35
(6)....	.042	.05	.06	.06
(7)....	.021	.02	.03	.02
(8)....	463.00	500.00	800.00	766.00
(9)....	265.00	1850.00	3200.00	2000.00

41—GAS, WATER AND OIL PIPE LINES

2/19/46 • 41

CONTRACT AWARDED

SAN FRANCISCO.—Guerin Bros., 208 S. Linden Ave., South San Francisco, at $15,739, awarded contract by the Board of Park Commissioners, McLaren Lodge, Golden Gate Park, for furnishing and installing 10-inch water main, water works to main driver, and 14-inch overflow pipe at Strawberry Hill reservoir.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Misc. Supplies & Materials	42
Machinery and Equipment	43

2/19/46 • 42

BIDS WANTED

SAN FRANCISCO.—Until March 4, 3 P. M., bids will be received by the Purchaser of Supplies, City Hall, under Bid No. 3493 for furnishing and delivering 2000 ⅝x¾ split case water meters for the San Francisco Water Department.

Specifications obtainable from the above office.

42— MISC. SUPPLIES AND MATERIALS

2/19/46 • 42

BIDS WANTED

SAN FRANCISCO.—Until March 4, 3 P. M., bids will be received by the Purchaser of Supplies, City Hall, under Bid No. 3492 for furnishing and delivering armature, commutating and exciting field coils for the Municipal Railway.

Specifications obtainable from the above office.

2/19/46 • 42

BIDS WANTED

SAN FRANCISCO.—Until March 4, 3 P. M., bids will be received by the Purchaser of Supplies, City Hall, under Bid No. 3495 for furnishing and delivering 10,000 lbs. special section grip die steel (type "C" bearing stock) for the Municipal Railway.

Specifications obtainable from the above office.

2/19/46 • 42

BIDS WANTED

SAN FRANCISCO.—Until March 4, 3 P. M., bids will be received by the Purchaser of Supplies, 270 City Hall, under Bid No. 3494 for furnishing and delivering trolley cord for the Municipal Railway.

Specifications obtainable from the above office.

2/19/46 • 42

BIDS OPENED

SACRAMENTO, Calif.—The following submitted bids to the City of Sacramento, city clerk, City Hall, for furnishing 25,000 lin. ft. 6-inch cast iron pipe for the water department.

U. S. Pipe & Foundry Co., $0.70 per ft.; 120 days' delivery.

American Cast Iron Pipe Co., $0.72; 135 days' delivery.

Pacific States Cast Iron Pipe Co., $1.09; 100 to 110 days' delivery.

2/19/46 • 42

BIDS WANTED

SAN FRANCISCO.—Until March 1, 2 P. M., bids will be received by the U. S. Treasury Department, 821 Market St., San Francisco 3, under Inv. No. SF-2816-46 for telephone coils and hand and portable telephones, f.o.b. San Francisco.

2/19/46 • 42

BIDS WANTED

PANAMA CANAL.—Until Feb. 21, bids will be received by the General Purchasing Officer, Panama Canal, Washington 25, D. C., for 7.5 M ft. b.m. greenheart hardwood lumber; Sch. 8161.

2/2/19/46 •

COMPLETE BIDS

SHOSHONE PROJECT, Wyoming. —The following submitted bids to the Bureau of Reclamation, Denver, Colo., for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Thermopolis, Wyo., transformers, disconnecting switches and circuit breakers for the Hot Springs County REA substation, Shoshone Project, Wyoming; Spec. 1139:

Southern States Equipment Corp., Hampton, Ga.—Sched. 3, item 4, $755; item 5, $263; item 6, $193.20; item 7, $299.10; item 8, $10.49; f.o.b. destination; shipping 120 days; terms net.

Pacific Electric Mfg. Corp., San Francisco, Calif.—Sched. 2, item 3, $2081, shipping 250 days; Sched 3, item 4, $755; item 5, $263; item 6, $193.20; item 7, $299.10; shipping 200 days; f.o.b. destination; terms net.

Delta-Star Electric Co., Chicago, Ill.—Sched. 3, item 4, $755; item 5, $263; item 6, $183; item 7, $311; item 8, $8.79; shipping 200 days; f.o.b. destination; terms net.

Railway & Industrial Engineering Co., Greensburg, Pa.—Sched. 3, item 4, $755; item 5, $263; item 6, $193.20; item 7, $299.10; item 8, $10.49; shipping 200 days; f.o.b. destination; terms net.

Bowie Switch Co., A. B. Chance Corp., San Francisco, Calif.—Sched. 3, item 4, $755; item 5, $263; item 6, $193.20; item 7, $299.10; shipping 200 days; f.o.b. destination; terms net.

Mimco Engineering & Manufacturing Co., Long Island City, N. Y.—Sched. 3, item 4, $755; item 5, $263; item 6, $193.20; item 7, $266.10; item 8, $39.95; shipping 200 days; f.o.b. Long Island City; terms net.

Kuhlman Electric Co., Bay City, Mich.—Sched. 1, item 1, $6882.50; item 1a, $9101.08, shipping 196 days; item 2, $89.71; shipping 89 days; f.o.b. destination; terms net.

Maloney Electric Co., St. Louis, Mo.—Sched. 1, item 1, $7605; item 1a, $10,140, shipping 280 days; item 2, $94, shipping 245 days; f.o.b. destination; terms net.

Allis-Chalmers Manufacturing Co. —Sched. 2, item 3, $2110; shipping 215 days; f.o.b. destination; terms net.

Cole Electric Co., Los Angeles, Calif. —Sched. 3, item 4, $755; item 5, $263; item 6, $193.20; item 7, $299.10; item 8, $43.75; shipping 200 days; f.o.b. destination; terms net.

Graybar Electric Co., Denver, Colo. —Sched. 3, item 4, $755; item 5, $263; item 6, $193.20; shipping 200 days; f.o.b. destination; terms net.

Royal Electric Manufacturing Co., Chicago, Ill.—Sched. 3, item 4, $755; item 5, $263; item 6, $209; item 7, $294; item 8, $8.79; shipping 200 days; f.o.b. Chicago; terms net.

General Electric Co., Denver. Colo. —Sched. 1, item 1, $7043; item 1a, $9340; shipping 280 days; item 2, $90; shipping 350 days; Sched. 2, item 3, $2063; Sched. 3, item 4, $755; item 5, $263; item 6, $194.40; item 7, $299.60; item 8, $8.66; shipping 200 days; Sched. 4, item 9, $725.96; Sched. 5, item 10, $309.42; item 11, $303.90; shipping 200 days; f.o.b. destination; terms net.

Westinghouse Electric Corp., Denver, Colo.—Sched. 1, item 1, $7298.07; item 1a, $9730.76; shipping 293 days; item 2, $91.06 (alternate bid $89.80), shipping 120 days; Sched. 2, item 3, $2018, shipping 200 days; Sched. 3, item 4, $755; item 5, $263; item 6, $193.20; shipping 200 days; item 7, $321; item 8, $8.79, shipping 105 days; Sched. 4, item 9, $725.76, shipping 21 days; Sched. 5, item 10, $315.48; item 11, $372.90, shipping 100 days, f.o.b. destination; terms net.

2/19/46 • 42

BIDS WANTED

WIOTA, Mont.—Until February 28, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Inv. 18,664-A for furnishing Western red cedar, Southern yellow pine, lodgepole pine or Douglas fir poles, f.o.b. shipping point and/or Wiota, Mont.; Wiota-North Electric Cooperative transmission line.

Specifications obtainable from the above office.

2/19/46 • 42

BIDS WANTED

CENTRAL VALLEY PROJECT, California. — Until February 25, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver 2, Colo., under Inv. D-33,272-A for floor frame, bulkhead gate guides, trash rack, gate-slot frames and covers, metal work, gratings, stairway treads, etc., f.o.b. shipping point and/or Redding; Keswick Dam and Power Plant, Central Valley Project, California.

Specifications obtainable from the above office.

2/19/46 • 42

BIDS WANTED

FORT PECK, Mont.—Until Feb. 25, 2 P. M., bids will be received by U. S. Bureau of Reclamation, Custom House, Denver, Colo., under Inv. 18,667-A for suspension clamps, strain clamps, ball eye connectors, etc., f.o.b. Wolf Point, Mont.; Williston, N. D.; Watford City, N. D.; Killdeer, N. D., and Hazon, N. D.

Specifications obtainable from the above office.

43— MACHINERY AND EQUIPMENT

2/19/46 • 43

BIDS POSTPONED

DENVER, Colo.—Until Feb. 25, 2 P. M. (postponed from Feb. 20), bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1169 for furnishing and delivering by trucks at Estes Park government camp near Estes Park, Colo.; Fort Collins government camp near Fort Collins, Colo., and Shadow Mountain government camp near Granby, Colo., or delivery by rail f.o.b. cars at the shipping point or f.o.b. cars at Loveland, Colo.; Fort Collins, Colo., and Granby, Colo., two-bedroom prefabriated, portable and demountable houses for the Colorado-Big Thompson Project, Colorado, as follows: 35 houses for the Estates Park government camp, 35 houses for the Fort Collins government camp and 30 houses for the Shadow Mountain government camp. The houses will be erected by the government. The specifications contain a provision for liquidated damages for delay. No charge for copies of the specifications to prospective bona fide bidders; to others, $.50, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colo.

2/19/46 • 43

NOTICE OF SALE

WASHINGTON, D. C.—Until Feb. 27 bids will be received by the U. S. Maritime Commission, Washington, D. C., for sale of passenger-freighter Samana built in 1941 at Bahama Islands.

The Samana is a wood inter-island passenger-freighter, approximately 96 feet x 17 feet x 9 feet, powered by one 424 h.p. Superior Diesel, with a net tonnage of 75 tons. The vessel has accommodations for six passengers and four bunks for officers and crew. The Samana (YAG-28) is now located at Miami, Fla., and inspection may be made upon application to the Navy District operations officer, Dupont Bldg., Miami, Fla.

Invitations to bid are obtainable upon application to the U. S. Maritime officials listed below:

Director, Division of Small Vessels, Procurement and Disposal, Washington 25, D. C.

Atlantic Coast Director, 45 Broadway, New York, N. Y.

District Manager, 22 Light St., Baltimore 2, Md.

District Manager, 12th St. and Monticello Ave., Norfolk 10, Va.

Port Agent, Graham Bldg., Jacksonville 2, Fla.

Gulf Coast Director, Canal Bldg., New Orleans 12, La.

2/19/46 • 43

BIDS WANTED

STOCKTON, San Joaquin Co., Calif. —Until March 11, 5 P. M., bids will be received by the City of Stockton, City Hall, Stockton, for furnishing a triple combination pumper for the fire department.

Specifications obtainable from the above office.

2/19/46 • 43

BIDS WANTED

GILA PROJECT, Arzona. — Until March 25, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. 1190 for furnishing and delivering 168,000 lin. ft. 14-inch inside diameter regular unreinforced concrete irrigation pipe, tongue and groove joint, 3-ft. laying lengths, and 16,000 units of 14-inch inside diameter reinforced concrete turnout headwalls for Yuma Mesa predevelopment, Yuma Mesa Division, Gila Project, Arizona, f.o.b. storage ayard, approximately five miles south of Yuma, Ariz.

Specifications obtainable from the above office; no charge to prospective bidders; to others ,$0.50, not returnable.

2/19/46 • 43

BIDS WANTED

CENTRAL VALLEY PROJECT, Calif.—Until April 1, 2 P M., bids will be received by the U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Denver, Colo., under Spec. 1175 for furnishing and delivering louvers, dampers, grilles, registers and diffusers for installation in the Shasta power plant, Central Valley Project, California, f.o.b. shipping point and/or Coram, Calif.

Specifications obtainable from the above office; no charge to prospective bidders; to other, $1, not returnable.

2/19/46 • 43

BIDS WANTED

SAN LUIS OBISPO, Calif.—Until February 21, 2 P. M., bids will be received by the State Division of Highways, L. H. Gibon, district engineer, 50 Higuera St., San Luis Obispo, for rental of (1) one oil distributor, 1190-gallon capacity; (2) one tank truck, 2200-gallon capacity; (3) one tank trailer, 2200-gallon capacity, and (4) one booster truck, 3780-gallon capacity, f.o.b.; approximately 60 days' use in Santa Barbara, San Luis Obispo and Monterey counties.

Specifications obtainable from the above office.

2/19/46 • 43

BIDS WANTED

CENTRAL VALLEY PROJECT, California.—Until March 21, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1177 for furnishing and delivering four vertical 18,000-gallon welded plate steel oil storage tanks and two vertical 4000-gallon welded plate steel oil storage tanks for installation in the Keswick power plant, Kennett Division, Central Valley Project, California, f.o.b. shipping point and/or Keswick, Calif.

Specifications obtainable from the above office; no charge to prospective bidders; to others, $0.75, not returnable.

2/19/4b • 43

LOW BIDDERS

DENVER, Colo. — The following submitted low bids to the Bureau of Reclamation, Denver, Colo, under Bid No. 1146 for furnishing and delivering one 12x12-ft. bulkhead gate for installation at the inlet end of any one of the outlet conduits at Grand Coulee Dam, Columbia Basin Project, Washington, f.o.b. shipping point and/or Odair, Wash.:

American Bridge Co., Denver, Colo., (1) $7418, f.o.b. Gary, Ind., net.

Water Town Arsenal, Water Town, Mass., (2) $7320.50, f.o.b. Water Town, net.

Consolidated Steel Corp., Los Angeles. (1) $8190, (2) $6970, f.o.b. Los Angeles, net.

2/19/46 • 43

LOW BIDDERS

CENTRAL VALLEY PROJECT.—The following submitted low bids to the office of the Bureau of Reclamation, Walker R. Young, chief engineer, Denver, Colo., under Spec. No. 1147 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Coram, Calif., at the option of the bidder, structural steel anchorages and gate seats for three drum gates at Shasta Dam, Kennett Division, Central Valley Project:

American Bridge Co., Denver, (1) $20,341, (2) $30,964, f.o.b. Gary, Ind.; net.

Consolidated Steel Corp., Los Angeles, (1) $22,320, (2) $36,380, f.o.b. Los Angeles; net.

Continental Bridge Co., Denver, (1) $23,000, (2) no bid; f.o.b. Peotone, Ill.; 1½% 10 days.

2/19/46 • 43

LOW BIDDERS

DENVER, Colo. — The following submitted low bids to Walker R. Young, chief engineer, Bureau of Reclamation, Denver, Colo, under Spec. No. 1149 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Earp, Calif., at the option of the bidder, the steel partition and housing for Parker Power Plant, Parker Dam Power Project, California.

Allison Steel Manufacturing Co., Phoenix, Ariz., $5560, f.o.b. Phoenix, Ariz.; net.

California Steel Products Co., Richmond, $7013, f.o.b. Richmond; net.

Mills Co., Cleveland, Ohio, $7157, f.o.b. destination; net.

CALIFORNIA LEADS IN FEDERAL EMPLOYEES

California has more employees of the executive branch of the federal government than any other state or the metropolitan area of Washington, D. C.

This is indicated by U. S. Civil Service Commission figures cited in the latest issue of Postwar California, a monthly publication of the Bureau of Public Administration on the Berkeley campus of the University of California.

The statistics show that of 2,-912,093 paid employees as of June 30, 1945, California has 317,236; Washington, D. C., 256,710; and New York state, 293,018.

Edited by Dorothy C. Tompkins, senior research technician, the publication is published by the University bureau to furnish information useful to government officials and citizens of the state.

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DRIVING FATIGUE

Judgment of depth, distance and speed are impaired and recation time is slowed if an automobile driver is excessively fatigued, or sleepy, the California State Automobile Association warns. Under such conditions, let someone else take the wheel, or pull off the road and rest. A car travelling at 35 miles per hour covers 51 feet in a second. One second is long enough for the car to leave the road, or collide with another vehicle.

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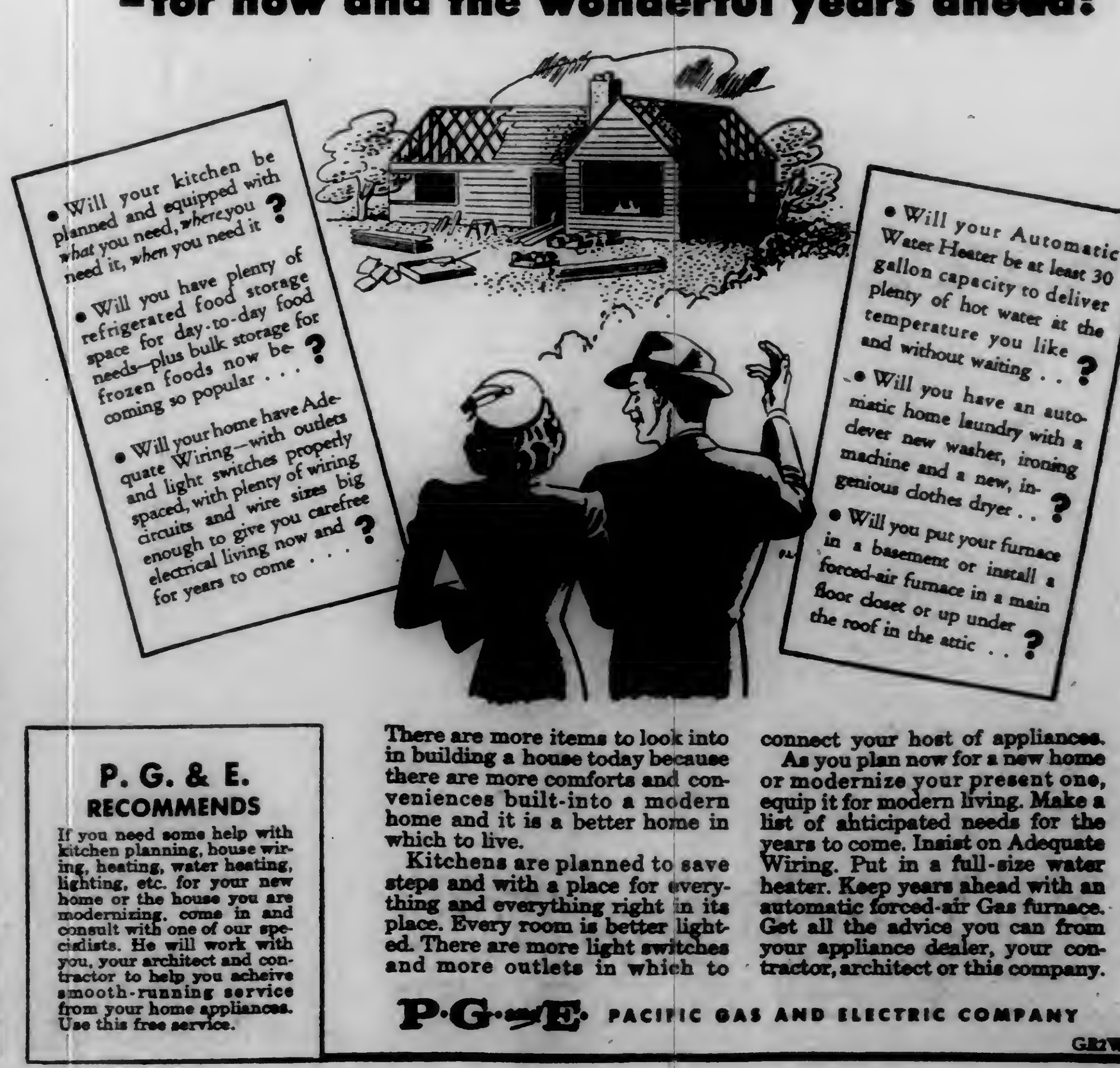
Bid Opening Schedule

BUILDING PROJECTS

Bid Opening Date	Project	Location of Project	Noted in Issue
2-19— 2:00 P.M.—	Hospital	Salem, Ore.	2- 5
2-19	Bond Election (Dist.)	San Jose	1- 7
2-19— 2:00 P.M.—	Hospital	Salem, Ore.	2- 4
2-19—11:00 A.M.	Building	San Francisco	2-11
2-19—	—Plant	San Francisco	2-18
2-20— 2:00 P.M.,	Elevator	San Francisco	2-11
2-20— 2:00 P.M.,	Houses	Denver, Colo.	2-11
2-20—10:00 AM.	Painting	Berkeley	2- 7
2-20— 2:00 P.M.—	Repair Post Office	Downey	2- 4
2-21	Paint Post Office (Govt.)	Redondo Beach	1-18
2-21—11:00 A.M.—	Shop	San Francisco	1-31
2-21— 8:00 P.M.,	Residence	San Anselmo	2-11
2-21—11:00 A.M.—	Superstructure	San Francisco	2-12
2-21— 2:00 P.M.,	Fire Station	Long Beach	2-13
2-23—12:00 M.	—Store	Palo Alto	2-18
2-25	Painting and Repairs (Govt.)	San Diego	1-23
2-25— 3:00 P.M.—	Repairs	San Francisco	2-14
2-25— 3:00 P.M.—	Bookcases	San Francisco	2-14
2-25— 3:00 P.M.—	Metal Supplies	San Francisco	2-14
2-26— 2:00 P.M—	Truck Beds	San Francisco	2-14
2-23—10:00 A.M.—	Boiler	San Jose	2-15
2-23—10:30 A.M.—	Alter Building	San Francisco	2-15
2-25— 2:00 P.M.—	Underpass	Port Orchard, Wash.	2-15
2-26— 8:00 P.M.—	High School	San Mateo	2-18
2-26	Hospitals (Veterans' Admin)	Grand Junction, Colo.	1-25
2-26—11:00 A.M.	Gunnery Range	Crows Landing	2- 7
2-26— 3:00 P.M.	Residence	San Rafael	2- 7
2-26— 3:00 P.M.—	Service Building	San Francisco	2- 8
2-26— 3:00 P.M.—	Sales Building	San Francisco	2-12
2-27— 2:00 P.M.	Painting	Monrovia	2- 7
2-27— 2:00 P.M.	Painting	Lynwood	2- 7
2-27— 2:00 P.M.	Painting	Bell	2- 7
2-27— 2:00 P.M.	Painting	Fullerton	2- 7
2-27— 2:00 P.M.	Painting	Maywood	2- 7
2-27— 2:00 P.M.	Painting	St. Anthony	2- 7
2-27	Addition to School (Dist.)	Downey	1-16
2-27— 2:00 P.M.—	Elevator	Tacoma, Wash.	1-29
2-27— 7:30 P.M.—	School	Shafter	1-30
2-27— 2:00 P.M.—	Painting	St. Anthony	2- 4
2-27— 1:45 P.M.,	Alterations	San Francisco	2-11
2-27— 2:00 P.M.,	Boiler	San Gabriel	2-11
2-27—10:00 A.M.—	Tear Gas	Berkeley	2-14
2-27—10:00 A.M.—	Ammunition	Berkeley	2-14
2-27— 2:00 P.M.,	Ceilings	Los Angeles	2-11
2-27— 2:00 P.M.,	Ventilation	Los Angeles	2-11
2-27— 2:00 P.M.,	Doors	Preston	2-11
2-27— 2:00 P.M.,	Pump	Fullerton	2-11
2-27— 2:00 P.M.,	Sidewalks	Napa	2-13
2-28— 4:00 P.M.,	Warehouse	Los Angeles	2-13
2-28— 8:00 P.M.—	School Building	San Mateo	2-12
3- 1 — 2:00 P.M.,	Basement	Lancaster	2-11
3- 1	Painting (Govt.)	Eureka, Utah	1-25
3- 6— 2:00 P.M.—	School	Sunnyside, Wash.	2-15
3- 6— 2:00 P.M.—	Painting	Reedley	2-18
3- 6— 2:00 P.M.—	Painting	Payette, Idaho	2-15
3- 6— 8:00 P.M.—	School	El Cerrito	2-15
3- 6— 2:00 P.M.,	Painting	Calexico	2-13
3-11—12:00 M.	School	Palm Springs	2- 7
3-12— 1:30 P.M.,	Flagpole	Livermore	2-13
3-13— 2:00 P.M.—	Cables	Safford, Ariz.	2-15
3-12— 1:30 P.M.—	Flagpole	Livermore	2-18
3-14— 2:00 P.M.—	School Buildings	Maricopa County, Ariz.	2- 8
3-15— 9:00 P.M.—	Store	Las Vegas	2-18
3-25— 9:00 P.M.—	Plant	Torrance	2-18

STEELFORMS
STEELTUBE CONSTRUCTION TOWERS
HEAVY DUTY SWINGING SCAFFOLDS
STEELFORM CONTRACTING CO.
666 Harrison St. DO 5583 San Francisco

Equip your home for modern living —for now and the wonderful years ahead!


• Will your kitchen be planned and equipped with what you need, where you need it, when you need it ?
• Will you have plenty of refrigerated food storage space for day-to-day food needs—plus bulk storage for frozen foods now becoming so popular . . . ?
• Will your home have Adequate Wiring—with outlets and light switches properly spaced, with plenty of wiring circuits and wire sizes big enough to give you carefree electrical living now and for years to come . . . ?
• Will your Automatic Water Heater be at least 30 gallon capacity to deliver plenty of hot water at the temperature you like and without waiting . . ?
• Will you have an automatic home laundry with a clever new washer, ironing machine and a new, ingenious clothes dryer . . ?
• Will you put your furnace in a basement or install a forced-air furnace in a main floor closet or up under the roof in the attic . . ?

P. G. & E. RECOMMENDS

If you need some help with kitchen planning, house wiring, heating, water heating, lighting, etc. for your new home or the house you are modernizing, come in and consult with one of our specialists. He will work with you, your architect and contractor to help you acheive smooth-running service from your home appliances. Use this free service.

There are more items to look into in building a house today because there are more comforts and conveniences built-into a modern home and it is a better home in which to live.

Kitchens are planned to save steps and with a place for everything and everything right in its place. Every room is better lighted. There are more light switches and more outlets in which to connect your host of appliances.

As you plan now for a new home or modernize your present one, equip it for modern living. Make a list of anticipated needs for the years to come. Insist on Adequate Wiring. Put in a full-size water heater. Keep years ahead with an automatic forced-air Gas furnace. Get all the advice you can from your appliance dealer, your contractor, architect or this company.

P·G and E· PACIFIC GAS AND ELECTRIC COMPANY

GR2W-246

Building Permits, Contracts---Recorded Notices

BUILDING PERMIT Applications

SAN FRANCISCO

ALTER STORE, $60,000; N Market 115 E Stockton; owner, Roos Bros, Stockton and Market Sts; builder, W C Tait Co, 461 Market St.

ALTER HOTEL APTS., $25,000; 1075 California St; owner, E N Fritz, 593 Market St; day work; architect, J L Conrich, 593 Market St.

ALTER STORE, $12,000; 879 Market St; owner, Edison Bros Stores, Inc, c/o contractor; builder, Swinerton & Walberg, 225 Bush St.

2-STORY FRAME FLATS (10), $9700 each; W 20th Ave 75, 99.6 S Santiago; E 20th Ave 200, 225, 250 N Taraval; E 22nd Ave 285 N Taraval; E 21st Ave 150, 175, 275, 300 N Taraval; owner and builder, Henry Doelger, Builder, Inc, 320 Judah.

2-STORY FRAME DWELLING, $8,000; E White 157 N Vallejo; owner, W E Dawson, 2768 Mountain Blvd, Oakland; day work.

ALTER CAFE, $7000; 64 Townsend St; owner, Louis J Nougue, 1316 Judah St; builder, DeLuca & Son, 1745 Filbert St.

1-STORY FRAME DWELLINGS (7), $6000 each; N Silliman 25, 50, 75, 100, 125 W Holyoke; W Holyoke 75 N Silliman; owner and builder, A Blum, 975 Bush St.

ALTER DWELLING, $5500; N Randolph 75 E Head; owner and builder, Sterling Building Co, 235 Arch.

1-STORY FRAME DWELLINGS (3), $4900 each; NE corner Hamilton and Burrows; E Hamilton 33.4, 66.8 N Burrows; owner and builder, A Nelson, 242 Ocean Ave.

1-STORY FRAME DWELLING, $4,750; N Maynard 577 E Congdon; owner, Albert Morth, 445 Noe St; builder, Oliver Bredeson, 367 Vernon St.

ALTER BUILDING, $3000; 1167 Mission St; owner, Harvey Miles Co, prem; builder, McGahey & Olson, 531A Douglass St.

ALTER RESTAURANT, $3000; 2239 Clement St; owner, Herbert Pastene, c/o contractor; builder, Van Bokkelen-Cole Co, 444 Market St; architect—DeMartini & Igaz; engineer, Judson-Pacific-Murphy Co.

ALTER DWELLING, $2200; 3329 Washington St; owner, Mr and Mrs E Lilienthal, c/o contractor; builder, Jacks & Irvine, 620 Market.

ALTER STORE, $1500; NE corner Market and Stockton Sts; owner, Roos Bros, Market and Stockton; builder, Phoenix-Simpson Co, 520 6th St.

ALTER STORE, $1250; 1335 Fillmore St; owner, Milton Wells, premises; day work.

ALTER DWELLING, $1021; 3579 Jackson St; owner, Mrs Jean Cavalier, premises; builder E W O'Qunn, 3337 Clement St.

ALTER STORAGE and DWELLING, $1000; 63 Gilbert St; owner and builder, J M Pisoni, 383 21st Ave.

SIDEWALK LIGHTS, $1000; 760 Market St; owner, Roos Bros, Market and Stockton Sts; builder Phoenix-Simpson Co, 520 6th St.

ALTER DENTAL OFFICE, $950; NE Noriega and 24th Ave; owner, Dr Frank C Larsen, 1790 24th Ave; builder, H H Larsen Co, 64 South Park.

ALTER DWELLING, $650; 511 Elizabeth St; owner, M J Morgan, prem; bulder, Wm Byron, 1606½ Dolores.

ALTER GROCERY STORE, $600; 599 Divisadero; owner, Mrs Brooks, 625 Powell; builder, Peter D Scatena, 1265 Shafter Ave.

ALTER DWELLING, $500; 801 Madrid; owner, Wm M Tonelli, 22 Cotter St; builder, Joseph Somattner, 137 Concord St.

BERKELEY

STORE AND APARTMENTS, $13,500; 2830 Sacramento; owner and builder, J M Walker, 1631D University; architect, Paul Hammarberg, 2 Norwood Ave.

ALTERATIONS, $1000; 2938 Avalon; owner, M Fellner, 2938 Avalon; builder, Carl Walstrom, 1447 Excelsior, Oakland.

DWELLING (5-room), $5500; 1295 Francisco; owner and builder, J M Walker, 401 Spruce; architect, Paul Hammarberg, 2 Norwood Ave.

DWELLING (5-room), $5500; 1287 Francisco; owner and builder, J M Walker, 401 Spruce; architect, Paul Hammarberg, 2 Norwood Ave.

DWELLING (5-room), $5500; 1249 Francisco; owner and builder, J M Walker, 401 Spruce; architect, Paul Hammarberg, 2 Norwood Ave.

DWELLING (5-room), $5500; 1408 Eighth; owner and builder, J M Walker, 401 Spruce; architect, Paul Hammarberg, 2 Norwood Ave.

DUPLEX, $9500; 2815 Hillegass; owner, E M Lindsley, 2625 Regent; builder, J M Walker, 1631D University; architect, Paul Hammarberg, 2 Norwood Ave.

ALTERATIONS, $3000; 1859 Alcatraz; owner, C Evans, 806 55th St, Oakland; builder, American Roofing & Modernization, 806 55th St, Oakland.

ALTERATIONS, $1500; 2241 Eighth; owner and builder, Jennie Cassaro, 2235 Eighth.

ALTERATIONS, $12,500; 2350 Ellsworth; owner, Dr Grant Ellis, 2350 Ellsworth; builder, Anderson Haglund, Inc, 219 41st St, Oakland; architect, J K Ballantine, 137 Harlan Place, San Francisco.

OAKLAND

DWELLING, 1-story 6-room, $6900; 4441 Albert St; owner, T A De Leon, 5509 Beautry St, Emeryville; ower, Walter N Gabriel, 316 15th.

DWELLING, 1-story 6-room, $6400; 4444 Albert St; owner, James J Schorsch, 2056 Encinal Ave, Alameda; contractor, W N Gabriel, 316 15th St.

ALTERATIONS, $25,000; 474 13th St; owner and contractor, S P Co, 65 Market St, San Francisco; plans by J H Christie, 65 Market St.

ALTERATIONS, $1000; 3330 Broadway; owner, Val Strough, prem; contractor, Sunberg & Eveleth, 2037 13th Ave.

ALTERATIONS, $500; 9620 E 14th St; owner, A S Shiffman, prem; contractor, H L Risdon & Sons, 5977 Majestic Ave.

GARAGE, $800; 10711 Bancroft Ave; owner and builder, E V Wilson, premises.

ADDITION, $500; 1438 68th Avenue; owner and builder, J D Ester, 1438 68th Avenue.

GARAGE, $800; 2451 Gunn Dr; owner and builder, Henry Koenig, 2451 Gunn Drive.

DWELLING, 2-story 6-room, $7200; 4055 Sequoyah Rd; owner and contractor, R H Lincoln, 1352 62nd.

ALTERATIONS, $500; 4250 Laguna Ave; owner, F Davis, prem; contractor, O W Johnson, 5506 Thornhill Drive.

DWELLING, 1-story 6-room, $7500; 6547 Castle Dr; owner and builder, F H Schwartz, 1834 107th Avenue; contractor, Williams & Wastell, 1736 Franklin St.

ALTERATIONS, $600; 520 Peralta; owner, Frederic's Cleaners, prem; contractor, E L McAllister, 980 36th St.

DWELLING, 1-story 5-room, $6000; 4023 35th Ave; owner and builder, H P Born, Canyon, Contra Costa County.

LUBE Bldg, steel, $500, rest rooms, steel, $500; 891 E 14th St; owner, Mrs Lillian Held, 151 Waldo, Piedmont; contractor, Jas H Pedgrift, 518 Apgar St.

ADDITION, $684; 2201 E 33rd St; owner and builder, Jerry F Carson, premises.

ALTERATIONS, $674; 505 Clay St; owner, A H Morrow, 1559 7th St; contractor, Van Bokkelen - Cole Co, 955 22nd St.

SIGN, electric, $500; 5428 San Pablo Ave; owner, Elmer L Weston; premises; contractor, Allen's Neon Sign Service Co, 1445 Napa Road, Vallejo.

DWELLING, 1-story 5-room, $4000; garage, $250; 2100 99th Ave; owner and builder, Chas E Reisbach, 2100 41st Ave.

REPAIRS, $838; 868 33rd St., rear; owner, A T Carter, prem; contractor, M G Griffin, 2432 Myrtle St.

ADDN and alter, $1200; 4600 Tompkins; owner, Chas E Reisbach, 2100 41st Ave.

DWELLING, 1-story 5-room, $4800; garage, $200; 1628 100th Avenue; owner and builder, Chas E Reisbach, 2100 41st Ave.

DWELLING, 1-story 5-room, $6300; 408 Florence Ave; owner, P Cavarich, 3401 Maybelle Ave; contractor, R W Delquidice, Rte 11, Box 622 Glen Road, San Leandro.

SIGN, electric, $2000; 512 17th St; owner, El Curtola Restaurant, 512 17th St; contractor, American Neon Display, Inc, 1051 19th Ave.

WAREHOUSE, 1-story steel, $1500; 3001 Peralta St; owner and contractor, Industrial Iron Works, 3001 Peralta St.

ALTERATIONS, $500; 2836 Foothill Blvd; owner and contractor, T A Graham, 1580 Trestle Glen Road.

FRESNO

DUPLEX, $7000; 743-745 S St; owner, Henry Haas.

STORE, $3000; 453 Blackstone; owner, Raymond A Lowe.

DWELLING AND GARAGE, $2000; 2328 Cornell; owner, H R Hayes.

ALTER STORE, $1400; 2034 Belmont; owner, Rohr.

ADD TO STORE, $1000; 1438 Ventura; owner, W Wooten.

GARAGE, $700; 203 E St; owner, J C Bitter.

BUILDING PERMITS Granted

SAN FRANCISCO

FEBRUARY 18, 1946

ALTER FLATS, $1400; 2644 3rd St; owner, Antonio Clago.

1-STORY FRAME BUILDING, $12,500; N side Judah St 32.5 W 46th Ave; owner, Wm Blanke.

ALTER DWELLING, $2000; 2492 San Bruno Ave; owner, V Ferrari.

ALTER MARKET, $7500; 16th and Mission Sts; owner, Ganson's Market.

ALTER BUILDING, $5000; 907 Irving St; owner, Emil Fritz.

ALTER OFFICES, $3500; SW corner Battery and Pine Sts; owner, Chas W Donohoe, et al.

1-STORY FRAME BUILDING, $750; 266 Laguna Honda Blvd; owner, James H McFarland.

1-STORY FRAME DWELLING, $500; E side Columbus Ave 75 S Bay St; owner, Royal Motor Sales Co.

ALTER RESTAURANT, $750; 2215 Powell St; owner, Sy Owens.

ALTER DWELLING, $500; 2025 Rivera St; owner, T H Bell.

ALTER STORE, $1000; 336 Battery St; owner, Elliott Addressing Machine Co.

ALTER RESIDENCE, $1750; 315 Santa Ana; owner, Paul R Eberhardt.

RICHMOND

RUSTIC Cabinet shop, $3000; 3019 Ohio; owner and builders, A E Johnson and Moncae Woodard, 2541 Regent St, Berkeley; plans by Hardison, Rhoda & Moist.

COTTAGE, 5-room stucco, $4000; 772 Wilson; owner and builder, Oscar Holland, 3030 Clinton Avenue.

STORE bldg, brick, $35,000; 2709-11-13-15 Macdonald; owner and contractor, Oscar Holland, 3030 Clinton Avenue.

STORE bldg, brick, $18,000; 3211 Macdonald; owner, Pete Caletti, 37th and Macdonald; owner, E J Freethy, 1432 Kearney Street, El Cerrito.

ADD brick salesroom to garage, $30,000; 194 23rd; owner, Walter Frulson, premises; contractor, Elmer J Freethy, 1432 Kearney St, El Cerrito.

STORE, brick, $30,000; 332 10th St; owner, Dr A B Hinkley, 340 10th; contractor, Elmer J Freethy, 1432 Kearney St, El Cerrito.

ADDN to store, masonry, $3000; 4930 McBryde; owner and builder, Martin J Atalie, 4930 McBryde.

APARTMENT, stucco, $14,000; 653-55 27th St, 2626 Grant; owner, C A Curry, 2610 Grant Ave; contractor, Geo S Tandy, 1213 20th St.

COTTAGE, 5-room stucco, $5000; 427 31st; owner and builder, J M Kayfes, 208 S 23rd;

COTTAGE, stucco, $4000; 2727 Panhandle; owner, Mary Garnero, 2505 Panhandle Blvd; contractor, Anthony Garnero, 2505 Panhandle.

ADDN to store, $4000; 233 Vernon; owner and builder, A C Harris, 233 Vernon.

PUBLIC Garage, masonry, $20,000; 231 24th; owner, W A Ashe, 632 San Pablo; contractor, R F Johnson & Son, 2036 San Pablo Ave, El Cerrito.

ADDN to cabinet shop, $3000; 254 2nd; owner and builder, Watts Tile Co, 2146 San Pablo Ave, El Cerrito.

STORE, frame and stucco, $19,000; 775 San Pablo; owner, Clarence Fillce, 5919 Charles; contractor, R F Johnson & Son, 2036 San Pablo Ave, El Cerrito.

COTTAGE, 3-room rustic, $3000; 917 Western Drive; owner and builder, Andy J Brown, 875 Ocean; plans by E Cometta.

COTTAGE, two 5-room stucco, $4000 each; 415-421 Dimm; owner and builder, L A Lausten, 89 Fairview Ave, Piedmont.

COTTAGE, 4-room, $3500; 859 32nd; owner and builder, Harry Newman, 859 32nd.

COTTAGE, 4-room rustic, $2500; 243 Gertrude; owner and builder, Joe Berotte, 243 Gertrude.

COTTAGE, 6-room rustic, $3000; 1405 Lincoln; owner and builder, R F Nelson, 2435 Lincoln.

ADDN to store, $7000; 551 23rd St; owner, S W Lee, Marysville; contractor, O E Edwards, 2965 De Paso Blvd, Sacramento.

ADDN to church, $30,000; 3200 Barrett; owner, St Luke's Methodist Church, 3200 Barrett; contractor, Peter Christensen, 611 25th St.

OFFICE bldg, concrete, $30,000; 121 23rd; owner and builder, R J Stempel, 5430 Macdonald.

COTTAGE, 3-room rustic, $2000; 5101 Cypress; owner and builder, F C Peradatto, 5113 Cypress.

GARAGE, public, masonry, $6000; 1082 13th; owner and builder, R Olthoff, 2128 Esmond; plans by Hardison, Rhoda & Moist.

ADDN to cottage, $3000; 646 34th; owner and builder, Geo Issel, 646 34th St.

SAN LEANDRO

DWELLING, 1-story 5-room, $6,000; 309 Elsie Ave; owner, Steve Rubottom, 264 Sybil Ave; contractor, C A Gossett, 19327 California St, Hayward.

SAN MATEO COUNTY
Unincorporated

ADDN to residence, $5700; Cypress Ave, Millbrae Villa; owner and contractor, Wm Froman, 140 Cypress Ave, Millbrae.

QUONSET Hut, $5000; Dumbarton Lane, North Fair Oaks, Atherton; owner and builder, Barrett & Hilp, 918 Harrison St, San Francisco.

REDWOOD CITY

MOVE house from 865 Jefferson to 343 E Brewster, $1200; owner, M Allomo, 343 E Brewster; contractor, Hanson Brothers.

GARAGE and sales room, $20,000; 923 Jefferson Ave; owner and builder, H E Bourquin.

DWELLING, 4-room, and garage, $5000; 808 Madison; owner and builder, H Bedros, Redwood City.

PALO ALTO

GARAGE, $750; 1212 Guinda Street; owner, J B and G L Balcomb, 1212 Guinda St.

RESIDENCE and garage, $6000; 2671 Cowper St; owner, San Jose Abstract and Title Insurance Co, San Jose; contractor, Gus Woolnick, 628 Waverley St; plans by H Nelson, Mtn View.

RESIDENCE and garage, $11,750; 1428 Hamilton Ave; owner, J B and M B Bubb, 531 Center St.

RESIDENCE and garage, $9750; 707 Oregon Ave; owner, Helen Van Buskirk, 2499 Middlefield Road; owner, Coastwise Constr Co.

RESIDENCE and garage, $10,750; 720 Garland Drive; owner, H D Van Buskirk, 2499 Middlefield Rd; contractor, Coastwise Constr Co, 2499 Middlefield Rd.

RESIDENCE and garage, $12,100; 389 Dana Ave; owner, Wm and Mrs Robert Glass, San Mateo; contractor, Aro & Okerman, Box 433, Palo Alto; plans by W Schwafel, 346 Murmona Dr.

ALTER residence, $1500; 771 Stanford Ave; owner, Honora McCarty, Oakland; contractor, W E Gibson, 3862 Magnolia Ave.

ALTER apt, $2000; 806 Bryant St; owner, J R and F E Lynch, prem.

RESIDENCE and garage, $15,500; 2451 Bryant St; owner, A R Ternquist; contractor, Sunlite Homes, Inc, 446 Emerson St.

SAN JOSE

ALTER residence, $1500; 315 N 17th St; owner, V Giuffre, premises; contractor, Claude E Jorgensen.

MOVE house and build foundation, $3750; 249 Brooklyn Avenue; owner and builder, J J Tranchino, 249 Brooklyn Ave.

ALTER business bldg, $5000; 51 S Market St; owner, Dalis Brothers; contractor, Al Bolei, 154 Vine St.

DWELLING, 2-family, $14,000; 761-763 Bird Ave; owner and builder, N A Lamb, P O Box 13, Dos Palos.

REMODEL restaurant, $3000; 1415 W San Carlos St; owner, W McClintock; contractor, C J Ryan.

STORAGE Shed, $3000; 123 S Montgomery St; owner, D A Milligan; contractor, Ormal Dodd, 1365 Fremont Avenue.

ADDN to business bldg, $2000; 53 S Montgomery St; owner and builder, Kent Fisher, premises.

OFFICE, $10,000; 605 Walnut; owner and builder, Cook's Oil Co, 605 Walnut.

RESIDENCE, 1-family, $5000; 1044 Louise Ave; owner and builder, Thos H Herchbach, 1044 Louise.

ADDN to residence, $1200; 1304 Shasta Ave; owner and builder, Doxey R Wilson, 1304 Shasta.

FOUNDATION and basement, $1800; 189 N 13th St; owner, R Roberts, 189 N 13th St; contractor, George Kelly.

ADDN to business bldg, $1500; 522 W Santa Clara St; owner and contractor, Western Pump Co, prem.

RESIDENCE 5-room, $6500; 345 N 11th St; owner, I Peterson, prem; contractor, N Peterson.

WAREHOUSE, $22,000; Race and Moorpark Ave; owner, Hershell Cannery, premises; contractor, E W Heple.

DWELLING, 1-family, $8000; 796 Asbury St; owner and builder, Wm S Baber, premises.

BUSINESS bldg, $20,000; 321-3 Almaden Ave; owner, Rainbow Press, premises; contractor, E A Hathaway, 1275 Glen Eyrie Ave.

DUPLEX, 2-family, $14,000; 757-59 Bird Ave; owner and builder, N A Lamb.

OFFICE, $1500; 20 N 26th Street; owner and builder, B H Painter, 24 N 2nd St.

Plumbing Permits

BERKELEY

1704 Francisco; owner, ...; dealer, Edward Loebs; wash tub.

675 Vicente; owner, Meehod; dealer, Neal & Son; water closet; shower.

1611 Hopkins; owner, Dr Parker; dealer, Durant Plumbing; 2 water closets; 3 wash basins; sink and tray; dental unit.

2626 San Pablo; owner, W J Lee; dealer, R D Fearey; water closet; wash basn.

1726 Grant; owner, Earl Smith; dealer, Earl E Lawless; water closet; wash basin; bath tub; sink.

2515 Durant; owner, Standard Process Engr; dealer, A Montano; 2 water closets; 5 wash basins.

1410 Bonita; owner, Jackson Rest Home; dealer, L J Jackson; sprinkler system.

1421 Sacramento; owner, Jackson; dealer, L J Jackson; sprinkler system.

1404 McGee; owner, Saxton; dealer, H P Murphy; sink.

2809 Russell; owner, Lanegran; dealer, H P Murphy; water closet; wash basin; bath tub.

CESSATION OF LABOR CONTRA COSTA COUNTY

Feb. 7, 1946—Ptn Lot 10, Fransden's Subdivision, Concord. Herbert A Mesler to Elmer L Cupp..........Labor ceased Jan. 1, 1946

Use "Builderads"—They Bring Results

Completion Notices

ALAMEDA COUNTY

Recorded Accepted

Feb 15, 1946—1358 PARKER ST, San Leandro. Donald J and Francis L Farrar to R D Delguidice..........February 9, 1946

Feb 16, 1946—LOT 1 Blk 13, North Cragmont, Berkeley. Ralph S Waltz to J T Young..........Feb 6, 1946

Feb 16, 1946—925-929 SAN PABLO Ave, Albany. Henry S Villa to whom it may concern..........February 13, 1946

Feb 18, 1946—ON 7th AVE 737 ft from 8th St SW, Oakland. Fred H and Virginia M Slater to Chris Ganiats..........February 15, 1946

Feb 18, 1946—4047 SEQUOYAH Rd Oakland. Richard H Lincoln to whom it may concern..........February 16, 1946

Feb 16, 1946—LOT 12 Blk B, Estudillo Estates, San Leandro. Arnold Crompton to Fred Carlson..........February 11, 1946

Feb 16, 1946—LOTS 7 and 8 Blk 14, Kinsall Tract No 2, Oakland. Oren O and Gwendolyn T Curtis to Jos Sutton..........Feb 15, 1946

MARIN COUNTY

Recorded Accepted

Feb. 15, 1946—Larkspur. Dawn S Anderson to whom it may concern..........Feb. 13, 1946

Feb. 15, 1946—Fairfax Manor. Chauncey F Hill to Virgie R Jones..........Feb. 14, 1946

Feb. 15, 1946—Corte Madera. Frank L Nelson to R C Briggs..........Feb. 11, 1946

Feb. 14, 1946—San Anselmo. Ed J Rocouillat to whom it may concern..........Feb. 8, 1946

Feb. 14, 1946—Sycamore Village. Marin Capital Co to Goheen Construction Co (3 houses)..........Feb. 13, 1946

CONTRA COSTA COUNTY

Recorded Accepted

Feb. 1, 1946—Lot 35, Block 23, Emeric Subdivision No 2, San Pablo. Chester L Cahoon to whom it may concern..........Jan. 29, 1946

Feb. 2, 1946—Lot 25, Block 23, Emeric Subdivision No 2, San Pablo. George S Tandy to whom it may concern..........Jan. 29, 1946

Feb. 5, 1946—Lots 17 and 18, Block 12, Spaulding Richmond Pullman Townsite, Richmond. Lewis O Green to R F Johnson & Son..........Jan. 30, 1946

Feb. 7, 1946—Ptn Rancho Monte Del Diablo containing 10 acres near Concord. Martin L Fechtner to Elmer L Cupp..........Feb. 1, 1946

Feb. 8, 1946—Lot 19, Block 64, Amended Map City of Richmond. G Bislo to Associated Builders..........Feb. 1, 1946

Feb. 9, 1946—Ptn Lot 21, R N Burgess Co's Map No 1, MacDonough Subdivision, near Walnut Creek. Arthur Mullins to whom it may concern..........Feb. 7, 1946

Feb. 11, 1946—Lot 14, F A Marshall's Resubdivision of a ptn of Lot 10 of the Larkey Ranch near Walnut Creek. Albert B Evans to whom it may concern..........Feb. 7, 1946

Feb. 11, 1946—Ptn Lot 7, Map of Sectionization of part of Rancho Laguna de los Palos Colorados near Lafayette. Henry C Warren to whom it may concern..........Feb. 4, 1946

Feb. 13, 1946—Ptn Lots 15 and 16, Glenside Estates near Lafayette. Frank S Cavallero to Doty & Lockwood..........Jan. 23, 1946

Feb. 13, 1946—Lots 19 and 20, Block 31, Henderson Tapscott Tract, El Cerrito. Eugene deB Kurakin Jr to M Jordan & Son..........Feb. 1, 1946

Feb. 14, 1946—Lots 25 and 25B, Block 4, Lafayette Homesites, near Lafayette. Paul H Haller to whom it may concern..........Feb. 11, 1946

Feb. 15, 1946—Lots 10, 11 and 12, Block 99, Richmond Annex, Richmond. Steven H Meza to whom it may concern..........Feb. 14, 1946

Feb. 15, 1946—Lot 13, Block 5, Revised Map of ptn of Town of Stege, El Cerrito. Evio Buccairelli to Fishbeck & Son..........Feb. 9, 1946

Feb. 15, 1946—Ptn of Rancho Monte Del Diablo, Concord. E H Earl to whom it may concern..........Feb. 15, 1946

Feb. 15, 1946—Lots 65 and 66, Contra Costa Land Co Subdivision No 2 of the Larkey Ranch near Walnut Creek. Lee C Daviess to Ira Miner..........Feb. 13, 1946

Feb. 16, 1946—Lots 15 and 16, Block 62, Martinez Land Co, Tract No 8, near Martinez. O C Reich to whom it may concern..........Feb. 15, 1946

Feb. 16, 1946—Lots 140 and 140A, La Salle Heights, Unit No 5, Martinez. Contra Costa County Title Co to M E Valente..........Feb. 15, 1946

Feb. 16, 1946—Lots 218 and 220, Mira Visa Highlands, El Cerrito. Herbert Green to whom it may concern..........Feb. 12, 1946

Liens Filed

ALAMEDA COUNTY

Recorded Amount

Feb 18, 1946—LOT 25 Blk 9, and ptn Blks 3 and 8, Thousand Oak Heights Addn. J B Brockman vs G T Wilks..........$187.50

Feb 15, 1946—LOT 10 Blk Y, Toler Heights, Oakland. S F Perry vs Lawrence J and Georgia Rothman..........$185.15

CONTRA COSTA COUNTY

Recorded Amount

Feb. 4, 1946—Lot 290, Haciendas del Orinda, Orinda. Robert J Maddock vs August J Pene, et al..........$104.00

Feb. 4, 1946—Lot 108, Moraga Woodlands, Unit No 2, near Orinda. Oliver De Silva vs Curley A Wright, et al..........$205.50

Feb. 7, 1946—Ptn of Rancho San Ramon near Danville. Tony Jacobon vs W F Campbell, et al..........$947.00

Release of Liens

ALAMEDA COUNTY

Recorded Amount

Feb 15, 1946—LOT 9 Blk D, Santa Fe Tr, Oakland. Suendermann Co to Louis L and Margaret J Knappenberger, Jos A Sheerin, Jr..........$504.60

CONTRA COSTA COUNTY

Recorded Amount

Feb. 2, 1946—Ptn of Rancho Acalanes, containing 0.50 acre, near Lafayette. Rigney Tile Co to Robert L Chambers, et al..........$408.00

Feb. 11, 1946—Ptn of Rancho Acalanes, contining 3.07 acres, near Lafayette. Lewis Construction Co to Ogden Kiesel, et al..........$5,873.86

Feb. 15, 1946—1.16 acre parsel in Rancho Canada del Hambre y Los Bolsas, near Lafayette. Chas Edward Daly to John L Parker, et al..........$4,849.00

Feb. 15, 1946—1.16 acre parcel in Rancho Canada del Hambre y Los Bolsas, near Lafayette. A L Stockton Lumber Co to John L Parker, et al..........$1,993.97

Non-Responsibility

SAN FRANCISCO

Feb. 16, 1946—E Fillmore 1376 S Chestnut S 77.6 E 110 N 52.6 E 27.6 N 25 W 137.6. Antone and Jacqueline Zietich as to improvements on property.

Electrical Permits

SAN FRANCISCO

8793 624 4th St; owner, Mrs Peters contractor, Malm & Welter; ....

8794 1 Dawson Place; owner, Jue; contractor, Malm & Welter; 5 plugs; 4 switches.

8795 2019 30th Ave; owner, Knock; contractor, Malm & Welter; motors.

8796 77 O'Farrell St; owner, Stefani Bros; contractor, Pacific Elec & Mech Co, Inc; 10 outlets.

8797 740 Mission St; owner, Sunshine Curtain Co; contractor, Pacific Elec & Mech Co, Inc; 10 outlets.

8798 835 Mission St; owner, S F Furniture Co; contractor, Pacific El & Mech Co, Inc; 226 outlets; 120 pl; 9 switches; motors.

8799 22 Battery St; owner, Saint Francis Invest Co; contractor, Smith Elec Co; ....

8800 290 Eddy St; owner, Downtown Bowl; contractor, W B Baker & Co; 2 outlets; 2 switches; 6 plugs.

8801 644 Hyde St; owner, C P Nauley; contractor, O'Keeffe, The Fan Man; motors.

8802 621 Montgomery St; owner, Tracy Allen; contractor, O'Keeffe, The Fan Man; motors.

8803 35 Golden Gate Ave; owner, Mayflower; contractor, O'Keeffe, The Fan Man; sign.

8804 1018 Market Street; owner, Mayflower; contractor, O'Keeffe, The Fan Man; sign.

8805 2235 Chestnut; owner, Rosetti; contractor, Retter Elec Co; 4 outlets; 1 switch; 2 plugs.

8806 1021 Grant Ave; owner, Mandarin Theater; contractor, Chan Elec Co; ....

8807 1020 Folsom St; owner, Goldman; contractor, J K Herzog Elec; motors.

8808 870 Market St; owner, Flood Bldg; contractor, Central Elec Co; 6 outlets; 6 switches; 14 plugs.

8809 450 Sutter St; owner, Lorotti's Phcy; contractor, Central El Co; 6 outlets.

8810 62 1st St; owner, Belding, Hemingway & Corticelli; contractor, Ets-Hokin & Galvan; 7 outlets; 4 switches; 3 plugs.

8811 E De Haro 100 S Alameda; owner, Lindauer & Co; contractor, Kuchel & Sievers Elec Works; 15 outlets; 3 switches; 3 plugs; service; motors.

8812 W 28th Ave 75 S Ulloa; owner, Carlson; contractor, Strom and Smith; ....

8813 273 9th St; owner, ...; contractor, Associated Elec & Mech Co; 12 outlets; motors.

8814 693 14th St; owner, ...; contractor, Associated Elec & Mech Co; service.

8815 20 Annie St; owner, ...; contractor, Associated Elec & Mech Co; 10 outlets.

8816 1257 Stanyan St; owner, J Bertelsen; contractor, Richmond El; 12 outlets; 10 switches; 12 plugs; service.

8817 E 45th Ave 200 N Quintara; owner, Galli; contractor, Richmond Elec; service.

8818 3564 Jackson St; owner, J Cook; contractor, Metropolitan El; 3 switches; 6 plugs.

8819 NE 38th Ave and Moraga; owner, Nazarene Church; contractor, Strom & Smith; ....

8820 NW 37th Ave and Noriega; owner, Baptist Church; contractor, Strom & Smith; ....

8821 1226 Fillmore; owner, American Theatre; contractor, Matson El Equip Co; 3 outlets; 8 switches; 2 plugs; motors.

8822 4631 Mission; owner, Granada Theater; contractor, Matson Elec Equip Co; ....

8823 125 Vallejo; owner, Virgil's Cafe; contractor, Liberty Elec Co; motors.

8824 8 Sixth St; owner, Charleston Firm; contractor G H Armstrong Elec; motors.

8825 4677 Mission St; owner, ...; contractor, Lee Elec Co; motors.

8826 32 Beale St; owner, E F Lane & Son; contractor, Indus Marine Elec & Engrg Co; 8 outlets; 3 switches; motors.

8827 209 Clay St; owner, National Glove & Sportswear; contractor, Industr Marine Elec & Engrg Co; service; motors.

8828 221 Hale St; owner, Carraro; contractor, H C Wilson; 10 outlets; 8 switches; 12 plugs; service.

8829-31 Various locations and owners; contractor, Brite-Lite Neon; signs.

8832 Sutter and Kearny Streets; owner, Sherman Clay & Co; contractor, Chas A Langlais Co; 44 outlets; 21 plugs.

8833 301 Balboa; owner, B Tremontones; contractor, John Philis; ....

BERKELEY

605 Head of Dwight Way; owner, University of California; contractor, Emmerson-Newbery; 497 outlets; 204 switches; 547 fixtures; 187 plugs; 3 motors

606 2700 San Pablo; owner, Craig Oil; contractor, Electrical Products; transformer.

607 University and Acton; owner and contractor, Foster & Kleiser; sign

608 3018 Harper; owner, Saint & Marie Varies; contractor, Thos C Moody Electric; 4 switches; 1 plug.

OAKLAND

35570 SW E 14th and High Sts; owner, Fred Early Co; contractor, Scott-Buttner Electric; service.

35571 162 Grand Ave; owner, Petty, Inc; contractor, Scott-Buttner Electric; fixtures.

35572 580 14th St; owner, Time Cafe; contractor, Scott-Buttner Electric; 4 outlets.

35573 1619 San Pablo Ave; owner, Cameo Novelty Shop; contractor, Scott-Buttner Electric; sign.

35574 601 36th Ave; owner, Owens-Illinois Glass Co; contractor, Scott-Buttner Electric; outlets; switches; plugs.

35575 2225 Fredericks; owner, Tmber Structures; contractor, Clifford Electric; saw motors.

35576 3651 Telegraph; owner, Jow Show Shck; Clifford Electric; sign.

35577 316 14th St; owner, Gardiner Construction Co; contractor, Clifford Electric; outlets; switches; fixtures; plugs; alterations.

35578 1783 7th St; owner, Swing Club; contractor, T Bushman Electric; alterations.

35579 10938 MacArthur; owner, Leonardi; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

35580 3338 Bona St; owner, Heraty; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

35581 3331 Bona St; owner, Heraty; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

35582 2350 106th Ave; owner, Perry; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

35583 3651 Telegraph; owner, Doe; contractor, The Fluro Electric; 2 fixtures.

35584 4520 E 14th; owner, Whalin; contractor, Spott Electrical; outlets; switches; plugs; alterations

35585 2026 E 17th St; owner, Vixcenselles; contractor, Goss Electric; 2 outlets; 2 switches; 2 fixtures; 2 plugs.

35586 8451 San Leandro; owner, Steam Wash; contractor, Del Monte Electric; motors.

35587 8275 San Leandro; owner and contractor, Del Monte Electric; outlets; switches; fixtures.

35588 545 MacArthur; owner, Doe; contractor, Del Monte Electric; outlets; switches; fixtures; plugs.

35589 2526 Humboldt; owner, Kendall; contractor, Dimond Electric Co; service.

35590 4331 Virginia; owner, Gamb; contractor, Dimond Electric; 6 outlets; 6 switches; 5 plugs.

35591 717 7th St; owner, Sunrise Laundry; contractor, T L Rosenberg Co; mootrs.

35592 E Magnolia 300 ft N of 26th St; owner, Laher Spring & Tire Co; contractor, T L Rosenberg; 12 outlets; 3 switches; 12 fixtures; motors.

35593 3920 MacArthur; owner, Brown; contractor, T L Rosenberg; 2 outlets; 1 switch; 2 fixtures.

35594 SE 13th and Harrison; owner, Aahmes Temple; contractor, T L Rosenberg; 2 fixtures.

35595 2740 Broadway; owner, J E French Co; contractor, T L Rosenberg Co; 2 outlets; 2 fixtures; 2 plugs.

35596 2814 Truman; owner, Hazonitz; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

35597 7926 Crest; owner, Cosca; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

35598 10711 Foothill Blvd; owner, Bevilacqua; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

35599 424 Perkins; owner, Dr Moyer; contractor, Spott Electrical; service.

35600 625 Market St; owner, McCall's Steak House; contractor, Spott Electrical; 1 outlet; 1 switch; 1 plug; sign.

35601 7606 E 14th St; owner, Signal Oil Co; contractor, Shea Electric; plugs.

35602 1050 Norwood; owner, Rust; contractor, Baylis Lighting Fixture Co; 16 fixtures.

35603 N MacArthur 298 ft W of Midvale; owner and contractor, Foster & Kleiser; 3 outlets; 3 fixtures.

35604 500 Wesley; owner, Wesley Market; contractor, Paramount Electric; fixtures; alterations

35605 5555 Harboard Dr; owner, Lapham; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35606 616 Peterson; owner, Ferric Products Co; contractor, Del Monte Electric; motors.

35607 NW 42nd and Shattuck; owner, Wascher; contractor, Shea Electric; neon sign.

35608 814 29th St; owner, Larange; contractor, Shea Electric; fixtures; motors; alterations.

35609 1136 E 12th St; owner, Oakland Battery Co; contractor, James Anderson; alterations.

35610 2275 85th Ave; owner, Wally Peterson; contractor, Collins Electric; outlets; switches; fixtures; plugs.

35611 3679 High St; owner, Kruse; contractor, Collins Electric; outlets; switches; fixtures; plugs.

35612 84 Palo Seco; owner, Louston & Olson; contractor, Collins Electric; outlets; switches; fixtures; plugs.

35613 4001 E 14th St; owner, Boys; contractor, C A Langlais; 1 motor.

35614 4300 Grove St; owner, Hatgs; contractor, T L Rosenberg; service; alterations.

35615 22nd and San Pablo; owner, Bekins Van & Storage; contractor, T L Rosenberg; 45 fixtures.

35616 1637 Broadway; owner, Berkeley Renovating Co; contractor, Spott Electrical; 2 outlets; 2 switches; 2 neon sign.

35617 4120 Gilbert; owner, Moore; contractor, Matson Electrical Equipment; plugs.

35618 5750 Bond; owner, Rose; contractor, Matson Electrical Equipment; 1 plug.

35619 6000 Pinewood Rd; owner, Rose; contractor, Matson Electrical Equipment; alterations.

35620 3521 Loma Vista; owner, Rose; contractor, Matson Electrical Equipment; fire repairs.

35621 366 12th St; owner, One Stop Valet Service; contractor, Shea Electric; neon sign.

35622 1350 E 14th St; owner, Bob Bacon; contractor, Flagler Electric; service.

35623 NW 16th and Telegraph; Rms. 719-720; owner, Latham Square Bldg; contractor, California Electric Co; alterations.

35624 200 5th Ave; owner, American Tire Products; contractor, California Electric Co; motors.

35625 2928 Chapman; owner, Billion Bubble Baby Laundry; contractor, Clifford Electric; motors.

35626 3307 Grand Ave; owner, National Hardware Co; contractor, L E Chapman; sign.

35627 4066 Norton; owner, Rodrigues; contractor, L E Chapman; service.

Prospective Bidders

Store Building, Broderick Street, Oakland, Calif.

BIDS: Architects Miller & Warnecke, Financial Center Bldg., Oakland, February 26, 2 P. M.

Erbentraut & Summers, 446 Sixth St., San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco.

Parker, Steffens and Pearce, 135 South Park, San Francisco.

Stolte, Inc., 8451 San Leandro St., Oakland.

John M. Bartlett, 1706 Parker St., Berkeley.

Empire Constr. Co., Ltd., 344 Harriet St., San Francisco.

Ed Stahl.

Anderson & Hagland, Inc., 219 41st St., Oakland (OLympic 9103).

Richland Elementary School, Shafter, Kern County, Calif.

BIDS: Richland Elementary School District, Shafter, Feb. 27, 7:30 P. M. Plans prepared by Architect Ernest J. Kump Co., 251 Kearny St., San Francisco.

L. H. Hansen & Sons, 313 Palm Ave., Fresno.

A. J. Hendricks, Route 3, Box 205, Bakersfield.

Guy E. Hall, 1326 30th St., Bakersfield.

M. J. King, Inc., 231 Franklin St., San Francisco.

Jas. I. Barnes Constr. Co., 941 Russ Bldg., San Francisco.

Rademann-Giusto, 40 Ringold St., San Francisco.

Fast & Van Natta, 10522 Dalerose Ave., Inglewood, Calif.

Repair Pier 24, Embarcadero, San Francisco

BIDS: Board of State Harbor Commissioners, Ferry Bldg., San Francisco, February 21, 3:30 P. M.

Ben C. Gerwick, Inc., 112 Market St., San Francisco.

Ocean Constructors, 135 Stockton St., San Francisco.

Healy-Tibbitts Construction Co., 1100 Evans Ave., San Francisco.

M. B. McGowan, Inc., 625 Market St., San Francisco.

Case Construction Co., Box 416, Alameda.

J. D. Proctor, Inc., P. O. Box 247, Point Richmond Station, Richmond.

Clinton Construction Co., 923 Folsom St., San Francisco.

Track and Telephone Line Relocation, Idaho Northern Branch, Oregon Short Line Railroad

BIDS: Bureau of Reclamation, Boise, Idaho, February 28, 10 A. M.

Nat McDougall Co., Sherlock Bldg., Portland.

Max J. Kuney Co., N 120 Ralph, Spokane.

Vernon Brothers, 8th and Orchard Avenue.

M. K. Engineering Co., Inc., Albany, N. Y.

Wixon-Crowe, Redding, Calif.

Condon-Cunningham Co., Omaha, Nebraska.

Oregon Residence, San Anselmo, Calif.

BIDS: San Francisco Theological Seminary, San Anselm, February 21, 3 P. M. Plans by Architect James H. Mitchell, 407 Sansome St., San Francisco.

B. & R. Construction Co., 268 Market St., San Francisco.

D. B Ferrero, 31 Belle Ave., San Anselmo.

Litchfield Construction Co., 721 Francisco Blvd., San Rafael.

Peter Sartorio, 262 Clementina St., San Francisco.

S. J. Amoroso Construction Co., 2100 Oakdale Ave., San Francisco.

Store Building, Berkeley

BIDS: University YMCA, Berkeley, c/o Architects Miller & Warnecke, Financial Center Bldg., Oakland, February 26, 2 P. M.

Erbentraut & Summers, 446 Sixth St., San Francisco.

Parker, Steffens and Pearce, 135 South Park, San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco.

Stolte, Inc., 8451 San Leandro St., Oakland.

Ed Stahl.

John M. Bartlett, 1706 Parker St., Berkeley.

Anderson & Hagland, Inc., 219 41st St., Oakland (OLympic 9103).

Store Building 469-479 University Ave., Palo Alto, Calif.

BIDS: Architect Leslie I. Nichols, 156 University Ave., Palo Alto, Feb. 23, Noon.

Nichols White, Inc., 156 University Ave., Palo Alto.

Wells P. Goodenough, 49 Wells Ave., Palo Alto.

Renett Construction Co., 931 Menlo Oak Dr., Menlo Park.

Wage Board

(Continued from Page 1)

cost to the government and in 19 cases approval was requested for pricing purposes, Neblett said.

Neblett pointed out that the effect of the Board's rulings in wage increase cases relates only to the extent to which the increase may be used in determining price or rent ceilings, or in increasing costs to the government. Modification or denal does not mean that the increases are unlawful. They may be put into effect either prior to or following Board action, regardless of whether or not the request approval for pricing or cost purposes is granted.

—#—

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PLANS and Speculations

San Francisco: Eugene N. Fritz has announced plans for the construction of a 35-story apartment-hotel opposite the Pacific Union Club on California Street. . . . meager details for a 34-story hotel to be located at Taylor and California Streets, have also been announced.

oOo

San Carlos: Plans for the development of Cooley airfield were told at a Chamber of Commerce meeting by William Cooley, president. The field will, when completed, be "second only to Mills Field in size, and its engineering facilities will be outstanding". The project also includes plans for a beach and yacht harbor.

oOo

Burlingame: Probability is that the voters of San Mateo County will be called upon to vote on a $2,000,000 bond issue for county improvements. Among items for which money is needed from a bond issue are enlargement of the courthouse, construction of a juvenile home, construction of a new office for the agricultural commission, a new fire station, addition to the relief home, addition to the jail and improvements to Canyon Sanitarium.

oOo

Washington, D. C.: Gen. Omar N. Bradley, veterans administrator, has announced that the Army Engineers will co-operate in completion of a $448,000,000 program for 77 skyscraper hospitals. The administration announced that three outstanding architects have been appointed to help speed, modernize and streamline the planning phase of the program. They are Carl A. Erickson, Addison Erdman of New York City, and Slocum Kingsbury of Washington, D. C. Three of the new buildings are under construction. Funds are available for 47 others.

oOo

Redding: The Department of Public Works has filed an eminent domain suit in superior court to acquire property in West Redding for the construction of a new office building for the local state highway headquarters.

B. F. Fairless, President of U. S. Steel, Makes Strike-End Statement

Benjamin F. Fairless, President of United States Steel Corporation, has made the following statement:

"I am happy to announce that the strike against United States Steel Corporation has been settled.

"From the beginning of this wage dispute, we have taken the position that wages could not be separated from prices, and that present country - wide industrial strife could not be solved without the adoption by the Government of a fair over-all wage-price policy.

"In our case, a wage increase was not possible without an increase in ceiling prices for steel products, because of steel prices having been frozen by the Government substantially at prewar levels, although our labor and other costs have advanced greatly since 1940. The result of these mounting costs pressing against price ceilings has been that most of our steel tonnage has been sold during recent months at a loss.

"This strike settlement has been made possible by the Government's action in authorizing an increase of $5 a ton in the ceiling prices for carbon and alloy steel mill products. A new Governmental wage-price policy for industry in general was announced last night. We are hopeful that under this new policy, due consideration will be given, among other things, to the financial plight of the smaller non-integrated steel manufacturers, fabricators and processors, about whose hardships as a consequence of higher labor and other costs I have previously spoken.

"We have granted a wage increase of 18-½ cents an hour to our steel workers. This amounts to an increase of about $32 per employee for each full month of work. It is the largest single wage increase in the history of the steel industry. The Union insisted that this wage increase be effective as of January 1, 1946. We contented that it should not go into effect until the men returned to work. To enable steel production to be promptly resumed, this particular issue finally was settled by splitting the difference.

"In an endeavor to secure industrial peace for a year, which in our opinion, is most important in the public interest, our labor contracts with the Union have been extended to February 15, 1947, with new provisions that there shall be no strikes, work stoppages or lockouts during the life of the extended contracts, and with further provisions designed to achieve the highest possible level of employee performance and efficiency. We have agreed to take no discriminatory action against employees who went out on strike. The Union has agreed to take no discriminatory action against employees who opposed the strike or did not participate in it.

"It has been our opinion that United States Steel Corporation should not be expected to set a wage pattern for all of American industry. However, during the past few weeks a general wage pattern has been established apart from us.

"Important concerns in different major industries have agreed to pay wage increases ranging from 18 to 18-½ cents an hour. Fact finding boards have recommended somewhat similar wage increases in other situations. The President of the United States named 18-½ cents an hour as the wage increase to be granted by us, although we never appeared at a hearing before the Steel Fact-Finding Board, or gave any testimony or submitted any evidence to the Board.

"In the light of all of these circumstances, United States Steel Corporation has granted this wage increase in order to terminate the strike, and enable steel production to be resumed and thus permit reconversion and the business of the nation to go forward.

"A price increase of $5 a ton will not be adequate to compensate for such past heavy increases in our costs and also to take care of what we estimate will be the total cost to us of this wage increase of 18-½ cents an hour to our steel workers. In fairness to our salaried employees in the steel-producing subsidiaries, increased compensation must also be paid to many of them in view of this wage increase to our hourly steel workers. Higher labor costs in other businesses inevitably will result when a basic industry such as steel makes a substantial increase in its wage scale. As a consequence, there is bound to be a substantial increase in the price of the many millions of dollars'

(Continued on Page Four)

State Unification Of Architects Completed

At the February meeting of the California Council of Architects held at the Santa Maria Inn, Feb. 15 and 16, John S. Bolles and James H. Mitchell were re-elected president and secretary-treasurer, respectively, of the Council. Chas. O. Matcham, president of Southern California Chapter of American Institute of Architects, was elected vice-president. Adrian Wilson, of Los Angeles, was delegated the responsibility of co-ordinating the legislative activities of the Council. On his committee are Norman K. Blanchard of San Francisco and Herbert E. Goodpastor of Sacramento. Phillip J. Daniel, of Santa Maria, became chairman of the Committee on Professional Relations, and Charles Matcham, of Los Angeles, was asked to correlate the public relations programs of the five chapters of the Institute.

Andrew T. Hass, president of the Northern California Chapter of American Institute of Architects, has undertaken to set up a student training program for returning veterans. William Clement Ambrose, San Francisco, president of the State Board of Architectural Examiners, is assisting Mr. Hass in the formulating of this program. All architects will be urged to take returning service men into their offices for training purposes. Under the regulations of the Veterans' Administration, these men will receive up to $90.00 per month compensation from the government in addition to the wages earned while being trained to become future architects of the State.

The unification program for the State of California was completed at the Santa Maria meeting with the admission to the Council of the Central Valley, the Santa Barbara and the Northern California Chapters of the American Institute of Architects. Under the unification procedure the Northern California and the Southern California Associations of Architects will cease to exist, with the Council taking over the responsibility of co-ordinating the state-wide activities of the profession. Indicative of the acceptance of the program by the architects is the tremendous increase in membership of the various chapters.

The California Council of Architects is planning to call a joint meeting of the membership of the five chapters of the Institute. Vincent Palmer of Los Angeles, chairman for the meeting, promises to make it the most outstanding get-together of the profession ever held in the State of California.

GROOVER AND I

THE PAULEY NOMINATION

Nomination of Edwin Pauley as Undersecretary of Navy seems to have caused more excitement in Washington than anything happening since the British tried to burn down the joint over 130 years ago.

★ ★ ★

Quoting the story loosely, as is necessary in the midst of a slam-bang battle, it seems that Brother Ickes is madded-up because Pauley is supposed to have made a remark to the effect if the tidelands oil suit was dropped, the oil operators of California might be induced to contribute as much as 300 thousand dollars to the Democratic Party treasury.

★ ★ ★

View this matter through political realism: If the incident happened, it does not sound like the offering of a bribe. It sounds more like two High Party Members discussing ways and means of getting their political party treasury out of hock.

★ ★ ★

Since when has ANY political party become so lily-white that it does not discuss ALL reasonably proper means of gathering campaign contributions?

★ ★ ★

Viewed from one angle, the tidelands oil suit is just another legal grab at States' Rights—an activity for which the New Deal has been notorious.

★ ★ ★

There was no Party brawl a couple of years ago when Democratic "Thousand Dollar Clubs" were being organized. Prospective members, upon the payment of $1000, were given to understand they would receive special and preferred consideration in Washington and could stand up to be counted along with the Mighty. These clubs were organized with the knowledge, the approval, and the blessings of the late President Roosevelt.

★ ★ ★

The record shows Mr. Pauley has served his country well here at home, also in Moscow, Berlin and Tokyo. If everything Ickes has said is true, it could mean that Pauley was trying to be a good Democrat as he is a good American. What party isn't looking for "soft touches" when it comes to campaign expenses?

★ ★ ★

Three hundred thousand dollars isn't hay—but it will buy a lot of hay—and both the Republican Elephant and the Democratic Donkey eat hay.

Readjustment of Building Material Prices in General Not a Problem

Prices of building materials in general today are not out of line with prices of other goods. Over the last 30 years, prices of building materials have moved closely with non-agricultural goods in general, and there has been no serious divergence in movement during World War II.

These conclusions are drawn in a study of building materials price movements by Lester S. Kellogg, Acting Chief, Prices and Cost of Living Branch, Bureau of Labor Statistics, U. S. Department of Labor, in the current issue of the Architectural Record.

"Compared with price movements during World War I, advances in building materials prices during and since World War II so far have been moderate," Kellog writes. "Over the six years since August 1939, wholesale prices of building materials as a group have advanced about 32 per cent, and the major part of this increase was in the price of lumber. Other building materials showed much smaller price increases."

Readjustment of building materials prices in general to prices in other fields, therefore, is not a problem, although prices for particular materials will likely face realignment, the author states.

The problem of readjustment for lumber, however, is acute because it has risen about three-fourths in price since 1939, much more than prices for other building materials.

"Since lumber represents an important part of the cost of materials for the average house," Kellogg asserts, "such a price discrepancy may have important effects on the construction industry. A tendency to the use of masonry products for exterior walls and insulation board and similar materials for interior walls may be expected if this discrepancy continues.

"It seems reasonable to assume, however, that relationships will move back toward normal through reduction of lumber prices and increases in the prices of other materials, although the readjustment probably will not be accomplished immediately.

Further Rise Expected

"For the next six months or a year, assuming continued price controls over materials and no substantial rise in the general level of prices, it is our expectation that prices of building materials, as a group, will rise slightly.

"This may occur," Kellogg says, "through stable or declining prices for some materials, such as lumber, offset by advancing prices for other materials where an incentive to further production may be needed to obtain adequate output, as in the case of brick."

Department of Labor data reveal that brick and tile prices are 24 per cent above prewar levels, cement prices are less than 10 per cent above prewar levels, prepared paints are up 7 per cent, heating equipment and plumbing fixtures are about 15 per cent higher in price than in 1939, while prices rose less than 10 per cent for other building materials, including insulation board, roofing, lime and plaster.

NOTICE

The fire which destroyed the office building of the Associated Wood Products Company, 1335 Sixth Street, Berkeley, will not, in any way, hamper production schedule.

Fortunately all lumber stock and the mill were undamaged. Temporary offices have been opened in the mill building.

Did You Know That . . .

Robert D. Zelinsky of D. Zelinsky & Sons, has just been released by the Seabees and will be back to work March 1. At the present writing Bob is on a skiing excursion in the Sierras.

—0—

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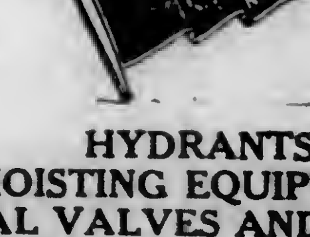

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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1-8—COMMERCIAL BLDGS.

2/20/46 • 1
PREPARING WORKING DRAWINGS
BANK BUILDING Cost, $50,000
SAN FRANCISCO. San Bruno Ave. north of Thornton Ave.
Construction of one-story bank building with concrete walls, wood roof construction and tar and gravel surface, air conditioning system, etc.
Owner—Bank of America, 300 Montgomery St., San Francisco.
Architect—J. Lloyd Conrich, 593 Market St., San Francisco.
Structural Engineer—L. H. Nishkian, 155 Sansome St., San Francisco.
Mechanical Engineer—G. M. Simonson, 625 Market St., San Francisco.

2/20/46 • 4
COMPLETING PLANS
OFFICE BUILDING
RENO, Washoe County, Nev. Corner First and Chestnut Sts.
Construction of 3-story reinforced concrete and glass brick building to be known as Riverview building for housing offices of the Catholic Diocese of Reno (140x55 ft.).
Owner—Catholic Diocese of Reno, Father John T. Smith, rector of St. Thomas Aquinas Cathedral, 310 W. 2nd St., Reno.
Architects—Walter Deedes, 148 Court St., Reno, and Edward Parsons, 800 Arlington St., Reno.

2/20/46 • 3
PLANNED
MERCHANDISE WAREHOUSE
SAN FRANCISCO. Howard St between 4th and 5th Sts.
Construction of new merchandise warehouse.
Owner—The Emporium, Edward C. Lipman, vice-president and general manager; Market St. between 4th and 5th Sts., San Francisco.
Architect—Not announced.

2/20/46 6
PLANS COMPLETED
ALTER STORE Cost, $20,000
SAN FRANCISCO.
Alterations to store building.
Owner—Withheld.
Architect—W. W. Harper, 681 Market St., San Francisco.

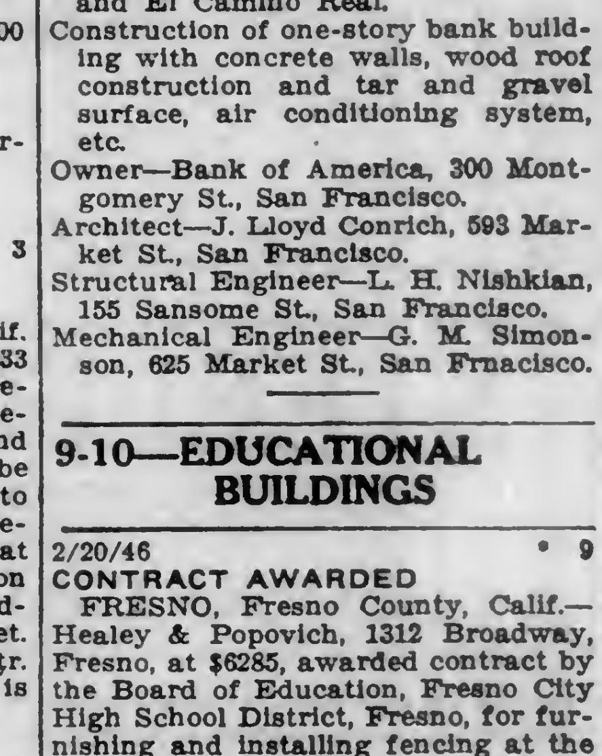
2/20/46 3
PREPARING WORKING DRAWINGS

VERNON, Los Angeles Co., Calif. —Architect Albert C. Martin, 233 Higgins Bldg., Los Angeles, is preparing working drawings for a one-story, reinforced concrete office and liquor store storage building to be built on Santa Fe Ave adjacent to the general office building and warehouse now under construction at Santa Fe Ave. and 49th St., Vernon for the Brunswig Drug Co. The building will cover an area 100x400 feet. Cost, $200,000. Wm. Simpson Constr. Co., 816 W 5th St., Los Angeles, is the contractor for both jobs.

2/20/46 3
CONTRACT AWARDED

TERMINAL ISLAND, Los Angeles Co., Calif.—C. W. Driver, Inc., 111 W 7th St., Los Angeles, at $52,162 awarded contract by the U. S. Navy, Bureau of Yards & Docks, Washington, D. C., for the construction of a one-story, sheet metal storage building at the U. S. Naval Shipyard, Terminal Island; Spec. No. 17292, NOy 13118.

The award was based on item 2, which specifies the use of aluminum roofing, siding and ventilator.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2/20/46 • 8
PREPARING WORKING DRAWINGS
REMODEL STORE
ANTIOCH, Contra Costa Co., Calif.
Addition to hardware store building.
Owner—M. & H. Hardware Co., Antioch.
Architect—Elizabeth H. Witkin, 2712 Shasta Rd, Berkeley.

2/20/46 8
PREPARING WORKING DRAWINGS

LOS ANGELES, Calif.—Architect Robert Field, Jr., 812 W 8th St., Los Angeles, is preparing working drawings for the construction of a one-story, steel frame and reinforced concrete wholesale furniture display building at 6th and Ardmore Streets, Los Angeles, for Albert Parvin Co., Chicago; 100x100 ft. in area. Est. cost, $100,000. Joshua H. Marks Co., 816 W 5th St., Los Angeles, will be the contractor.

2/20/46 • • 3
BIDS WANTED

SAN FRANCISCO.—Until March 5, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 287 City Hall, under Municipal Railway Contract No. 251 for repairing Geneva Avenue carhouse roof.

Specifications obtainable from the cashier's office, 6th floor, 425 Mason St., upon deposit of $10.00.

2/20/46 • • 9
BONDS VOTED
SCHOOL ADDN. Cost, $70,000
SOQUEL, Santa Cruz Co., Cal. Soquel Grammar School.
Addition to present grammar school of three classrooms, cafeteria and lavatories.
Owner — Soquel Union Elementary School District, Soquel.
Architect—Chas. E. Butner, 7 Winham Street, Salinas.

The school district voted bonds February 14 in the amount of $70,000 to finance above construction.

2/20/46 • • 8
PLANS BEING FIGURED—BIDS OPEN MARCH 5, 3 P. M.
STORE ADDITIONS
SAN FRANCISCO. Lincoln Building, 867 Market Street.
Escalator and elevator additions to store building.
Owner—Hale Bros., 867 Market St.
Architect—William G. Merchant, 57 Post Street.

Plans are being figured by a selected list of contractors.

2/20/46 • 1
PREPARING WORKING DRAWINGS
BANK BUILDING Cost, $50,000
SOUTH PALO ALTO, Santa Clara Co., Calif Corner California Ave. and El Camino Real.
Construction of one-story bank building with concrete walls, wood roof construction and tar and gravel surface, air conditioning system, etc.
Owner—Bank of America, 300 Montgomery St., San Francisco.
Architect—J. Lloyd Conrich, 593 Market St., San Francisco.
Structural Engineer—L. H. Nishkian, 155 Sansome St., San Francisco.
Mechanical Engineer—G. M. Simonson, 625 Market St., San Fmacisco.

9-10—EDUCATIONAL BUILDINGS

2/20/46 • 9
CONTRACT AWARDED

FRESNO, Fresno County, Calif.—Healey & Popovich, 1312 Broadway, Fresno, at $6285, awarded contract by the Board of Education, Fresno City High School District, Fresno, for furnishing and installing fencing at the Fresno High School for the district.

Other bidders were:
R. B. Muldoon, $6376.
Kyle & Co., $6681.71.
Walter Byde Co., $6926.90.

2/20/46 • • 9
TO PREPARE PLANS
SCHOOL PROGRAM
WATSONVILLE, Santa Cruz Co. Cal.
Construction of school buildings.
Owner—Watsonville School Board, T. S. MacQuiddy, Supt. of Schools, Watsonville.
Architect—Robert Stanton, Pebble Beach.

2/20/46 • 9
NO BIDS RECEIVED
SCHOOL BUILDINGS
PITTSBURG, Contra Costa Co., Calif.
Construction of two frame and concrete and brick veneered additions, one 3-classroom addition to the senior high school and one 4-classroom and toilet additoin to the junior high school.
Owner — Pittsburg Unified School District, Arman Stow, clerk, Pittsburg.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.

No bids were received February 18, 8 P. M.; works will probably be readvertised shortly.

11—HOSPITALS

2/20/46 • • 11
BIDS WANTED

SAN LEANDRO, Alameda Co., Cal. —Until March 8, 11 A. M., bids will be received by the Public Works Department, 12th Naval District, 1182 Market Street, San Francisco, Room 402, for installing tube radiation in existing covered passage and solaria with the necessary additions to the existing heating system, pipes, traps, valves, connections to existing heating and return mains and incidental work complete and ready for use at the U. S. Naval Hospital, San Leandro; Spec. 17460.

Plans and specifications obtainable from the Public Works Department, Design Section, 8th floor, Whitcomb Hotel, San Francisco, upon deposit of check or postal money order for $10.00, payable to Chief of Bureau of Yards & Docks.

2/20/46 • 11
BOND ELECTION
HOSPITAL Cost, $93,000
CORCORAN, Kings County, Calif.
Construction of municipal hospital building to contain 20 beds, etc.
Owner—Corcoran Memorial Hospital, Corcoran.
Architect — David L. Horn, Rowell Bldg., Fresno.

City will vote April 9 on a proposal to issue bonds in the amount of $70,000 to aid in financing construction.

12-13—INDUSTRIAL BUILDINGS

2/20/46 • • 12
PROSPECTIVE BIDDERS

SAN FRANCISCO.—As previously reported, until February 21, 11 A. M.. bids will be received by the Public Works Office, Room 2110 Administration Bldg., San Francisco Naval Shipyard, San Francisco, under Spec. No. 17099 for the construction of the superstructure for the completion of a two-story shop building, No. 411, shipfitters' and boilermakers' shop, and miscellaneous small structures which shall be used for industrial shop purposes, and which includes asbestos siding, roofing, wood block and other flooring, earthwork, paving, track work, piling, metal windows and doors, tile work, plastering tanks, sprinklers, elevators, concrete floor coverings, ventilation and utilities, all within the Naval Shipyard, San Francisco.

Plans and specifications may be obtained from the above office upon deposit of $130, check or postal money order, payable to the Chief of the Bureau of Yards and Docks.

Following contractors have been furnished with plans:

James I. Barnes Construction Co., 941 Russ Bldg., San Francisco.
Barrett & Hilp, 918 Harrison St., San Francisco.
A. Farnell Blair, 9 Main St., San Francisco.
Clinton Construction Co., 923 Folsom St., San Francisco.
Erbentraut & Summers, 446 Sixth St., San Francisco.
Peter Kiewit Sons' Co., 442 Post St., San Francisco.
M. & K. Corp., 200 Financial Center Bldg., San Francisco.
Parker, Steffens & Pearce, 135 So. Park, San Francisco.
Guy F. Atkinson Co., Orange and Railroad Aves., South San Francisco.

2/20/46 • • 13
CONTRACT AWARDED
INDUSTRIAL BLDG. Contract Price, $59,632
SAN MATEO COUNTY, Calif. Near Belmont.
Construction of 2-story reinf. conc. Class B building.
Owner—Press Wireless, Inc., 814 Mission St., San Francisco.
Architect—William G. Merchant, 57 Post St., San Francisco.
Contractor—H. H. Larson Co., 64 South Park, San Francisco.

2/20/46 • 12
TO START CONSTRUCTION
PUBLISHING HOUSE Cost, $65,000
SAN JOSE, Santa Clara Co., Calif. Stockton Ave. and Clinton St.
Construction of reinforced concrete religious publishing house (121x155x 97½ ft.).
Owner — Warner Press, Anderson, Ind., national headquarters, and Sacramento, Calif.; Dr. A. T. Rowe, general manager; Paul R. Watson, San Jose manager.
Architect—Higgins & Root, 84 S First St., San Jose.
Contractor—Bridges Construction Co., 1071 Pine Ave., San Jose.

2/20/46 •• 12
CONTRACT AWARDED
FACTORY BUILDING
DIXON, Solano County, Calif.
Construction of factory building.
Owner—Penetrator Syphon Company, Dixon.
Architects—Will G. Corlett and Arthur W. Anderson, Bank of America Bldg., Oakland.
Contractor — Campbell Construction Co., 800 R St., Sacramento.

2/20/46 12
PLANNED
WINERY ADDN. Cost, $260,000
LODI, San Joaquin Co., Calif.
Construction of plant addition to raise the crushing capacity of the cooperative winery from 20,000 to 30,000 tons.
Owner—Community Grape Corp., E. W. Pope, Pres., N. Sacramento St., Lodi.
Architect—Not Announced.

2/20/46 12
PLANNED
WINERY Cost, $300,000
LODI, San Joaquin Co., Cal. Youngstown District.
Construction of winery to have capacity of 15,000 tons and to be named "Liberty Winery".
Owner—Herbert Buck, Youngstown, Lodi.
Architect—Not Announced.

2/20/46 • 12
PLANNED
FACTORY ANNEX Cost, $150,000
OAKLAND, Alameda Co., Calif. 42nd and Linden Sts.
Construction of annex to paint and varnish factory.
Owner—Walter N. Boysen Co., 42nd and Linden Sts., Oakland.
Architect—Not announced.

2/20/46 •
PLANNED
PLANT
OAKLAND, Alameda County, Calif. Railroad Ave. and Kennedy St.
Addition of 15,000 square feet to National Automotive Fibres, Inc., furniture manufacturing plant in Oakland.
Owner—National Automotive Fibres, Inc., J. G. Bannister, Oakland divisional manager, 5201 Harbord Dr., Oakland.

2/20/46 • 12
CONTRACT AWARDED
ALTER BUILDING
SAN FRANCISCO. York and Alameda Streets
Alterations and additions to building.
Owner—Continental Baking Co., 1501 Bryant Street.
Architects—Bliss & Fairweather, 582 Market Street.
Contractor—G. P. W. Jensen & Sons, Inc., 320 Market St., San Francisco.

2/20/46 • • 12
BIDS WANTED

SAN FRANCISCO.—Until March 5, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 287 City Hall, under Municipal Railway Contract No. 246 for constructing heating system, Elkton Paint Shop.

Specifications obtainable from the cashier's office, 6th floor, 425 Mason St., upon deposit of $10.00.

2/20/46 • 12
PREPARING WORKING DRAWINGS
INDUSTRIAL PLANT Cost, $75,000
SAN FRANCISCO. Third St east of 18th St.
Construction of steel frame industrial building, concrete walls, wood roof construction, tar and gravel roof, two 3-ton cranes.
Owner—Wesco Machinery Manufacturing Co., Frank W. Brady, president, 921 Bryant St.
Architect—J. Lloyd Conrich, 593 Market St.

2/20/46 • 12
PREPARING WORKING DRAWINGS
INDUSTRIAL BUILDING Cost, $50,000
SAN FRANCISCO. Harrison St. near 4th St.
Construction of one-story class B industrial building with provisions for two stories and elevator, tar and gravel roof, etc.
Owner—Milo Coffee Co., 759 Harrison St.
Architect—J. Lloyd Conrich, 593 Market St.

14-17—PUBLIC BLDGS.

2/20/46 • 16
BIDS WANTED

COVINA, Los Angeles Co., Calif.—Until March 6, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for exterior painting, etc., at the U. S. Post Office, Covina, Calif.

Plans and specifications obtainable from the above office of the district engineer.

2/20/46 • 16
CONTRACT AWARDED

MARYSVILLE, Yuba Co., Calif.—Patterson Bros., 339 17th St., Oakland, at $3345, awarded contract by Federal Works Agency, Public Buildings Administration, for interior and exterior painting, etc., U. S. Post Office, Marysville.

18-19—RELIGIOUS BLDGS. BUILDINGS

2/20/46 19
COMPLETING PLANS
CHURCH BLDG. Cost, $30,000
BURLINGAME, San Mateo Co., Cal.
Construction of one-story frame and stucco church building.
Owner—American Lutheran Church.
Architect—W. W. Harper, 681 Market St., San Francisco.

20-21—SOCIAL AND RECREATIONAL BLDGS.

2/20/46 • 20
COMPLETING PLANS
PARISH HOUSE Cost, $20,000
OAKLAND, Alameda County, Calif.
Construction of one-story frame and stucco parish house.
Owner—Pilgrim Lutheran Church.
Architect—W. W. Harper, 681 Market St., San Francisco.

2/20/46 • 20
PREPARING PLANS
RECREATION BUILDING Cost, $150,000
OAKLAND, Alameda County, Calif. Piedmont Ave. between MacArthur Blvd. and Yosemite Ave.
Construct a two-story and mezzanine recreation center building, including half sunken basement garage with parking space for 70 autos, 14 bowling alleys, offices and restrooms, restaurant, etc.
Owner—Dr. Frank B. Tower, 3783 Piedmont Ave., Oakland.
Architect—Frederick H. Reimers, 233 Post St., San Francisco.

22-26—RESIDENTIAL BUILDINGS

2/20/46 • • 22
PLANNED
HOTEL BUILDING
SAN FRANCISCO. South side California Street between Taylor and Mason Streets.
Construction of 35-story apartment-hotel.
Owner—Eugene N. Fritz, Jr., 1100 Sacramento Street.
Architect—Not Announced.

2/20/46 • • 26
CONTRACT AWARDED

LOS ANGELES, Calif. — Baruch Corp., 625 South Olive Street, Los Angeles, at $3,081,000 awarded contract by the Federal Public Housing Authority, Humboldt Bank Building, San Francisco, for Project Cal-V-3428 for the construction of 1500 dwelling units in Los Angeles.

Work will commence February 20; completion date June 20.

2/20/46 • • 22
SUB-CONTRACTS AWARDED
MOTEL BLDG. Cont. Pr., $141,650
OAKLAND, Alameda Co., Cal. 2408-12-34 MacArthur Boulevard.
Construction of one- and two-story frame and stucco 41-unit motel building.
Owner—M. M. Moody, c/o Architects.
Architects—Miller & Warnecke, Financial Center Building, Oakland.
Contractor — Stolte, Inc., 8451 San Leandro Boulevard, Oakland.
Roofing and Dampproofing—Armor Roofing and Insulation Co., 1101 MacArthur Blvd., San Leandro.
Plumbing and Heating—Scott Company, 113 10th St., Oakland.
Electric Wiring—Del Monte Electric Co., P. O. Box 145, Elmhurst Sta., Oakland.
Sheet Metal—Monterey County Plbg. Co., 8275 San Leandro Blvd., Oakland.
Asphalt and Ceramics—Superior Tile Co., 4939 Broadway, Oakland.
Glass, Glazing and Mill Work—California Mill & Lumber Co., 1829 Webster St., Alameda.
Hardwood Floors—E. G. Finn Hardwood Floor Co., 733 Laguna Honda Blvd., San Francisco.
Misc. and Ornamental Iron — Fair Mfg. Co., 617 Bryant St., San Francisco.
Finish Hardware — T. W. Banford, 209 12th St., Oakland.
Painting—A. C. Sullberg, 2927 Newberry St., Berkeley.
Lathing & Plastering—Conrad Rasmussen, 1630 Webster St., Oakland.
Linoleum — Superior Tile Company, 4939 Broadway, Oakland.

2/20/46 • 22
PLANNED
HOTEL BUILDING Cost, $185,000
TULELAKE, Siskiyou County, Calif.
Construction of two-story hotel building (55x150 ft), steam heating system, air conditioning, cafe, banquet room and cocktail bar, etc.
Owners—Ray Moresco, Bill Seigler, John Malin and James Horn, Tulelake.
Architect—Not announced.

2/20/46 25
NO BIDS RECEIVED

PHOENIX, Ariz. — No bids were received by the city manager, Phoenix, Feb. 11 for the construction and completion of living units and reuated work for South Mountain Park Phoenix, for the city. Work involves alterations and additions to seven existing camp buildings, comprising 85 living units.

2/20/46 • 22
TO START WORK
HOTEL BUNGALOWS Cost, $450,000
LAS VEGAS, Clark County, Nev. Highway 91.
Construction of 30 hotel bungalows, each to contain 4 bedrooms, 4 baths, 2 living rooms and fireplaces, 2000 sq. ft. floor space; latisteel construction, composition roof, plaster exterior walls, cement slab floors carpeted, steel sash, tile bathroom floors, insulation, air conditioning, interior plaster work, etc.
Owner—Greg Bautzner.
Architect—Russell & Samaniego, 3275 Wilshire Blvd., Los Angeles
Contractor—E. A. Ralston, 8163 W. 3rd St., Los Angeles.

2/20/46 • 26
PLANNED
SUBDIVISION Cost, $4,000,000
REDWOOD CITY, San Mateo Co., Calif. 5th Ave. and Bay Rd.
Construction of 226 residences on a 43-acre tract to be named Redwood Manor and to contain stores, etc.
Owner and Builder—M. J. King, Inc., 231 Franklin St., San Francisco.
Architect—Not announced.

2/20/46 23
PLANNED

LOS ANGELES, Cal.—R. H. Webb 4056 Budlong Ave., Los Angeles, will build a two-story, 44-room, 22-unit apartment building at 8314 West Fountain Ave., West Hollywood, for self; cost, $120,000.

Plans were prepared by Architect Saul A. Brown and Engineer W. D. Treadway, 2412 W 7th St., Los Angeles.

2/20/46 • • 24
BIDS WANTED

SAN FRANCISCO.—Until Mar. 19, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 287 City Hall, under Hetch Hetchy Contract 195 for construction of cottage at Lake Eleanor. Bids will be taken under Prop. A and Prop. 8, lump sum bids.

Specifications obtainable from the cashier's office, 6th floor, 425 Mason St., upon deposit of $10.00.

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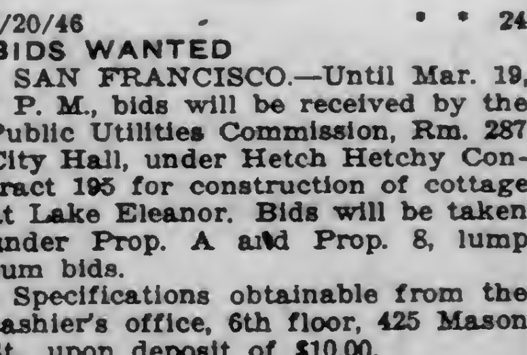
Tract consists of 10 acres in the city of San Mateo and 55 acres in the town of Hillsborough subdivided into 69 beautiful building sites. They range from ¼ acre to 4 acres; priced from $2,750 to $13,600 including improvements.

Present prices are subject to sharp advancement upon completion of improvements; when unsold sites will be extensively advertised to the public.

Engineering is now being completed for streets, sewers and water system; work is scheduled to start during May of this year.

Property can be inspected by appointment by calling

Frank Ashby, Owner, at MArket 1230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PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Outdoor Gunnery Range Spec. 17507, NOy 13346	Crows Landing	2-26
Automobile and Appliance Bldg. Geary Blvd. and Blake Street	San Francisco	2-26

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Superstructure, Shop Bldg. No. 411. Shipfitters and Boilermakers Shop, San Francisco Naval Shipyard; Bids open February 21, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
A. Farnell Blair, 9 Main St., San Francisco (YUkon 0390)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co. 923 Folsom St., San Francisco (SUtter 3440).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Outdoor Gunnery Range, NAAS, Crows Landing; Spec. 17507; Bids open February 26, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Patrick M. Sofarelli, 20337 Anita Ave., Hayward (Hayward 806).
Henry Arian, 4142 Geary Blvd., San Francisco (BAyview 5797)

Residence for San Francisco Theological Seminary, San Anselmo; Bids open February 21, 3:00 P. M.
B. & R. Constr. Co., 268 Market St., San Francisco (DOuglas 7516).
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., San Francisco (MIssion 1490)
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).

Krieger Automotive and Sales Bldg., Geary and Blake, San Francisco; Bids open February 26, 3 P. M.
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., San Francisco (MIssion 1490)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Empire Constr. Co., 344 Harriet Street, San Francisco (HEmlock 3400)
Midstate Constr. Co., 1299 Bush St., San Francisco (ORdway 4638)
Jacks & Irvine, 620 Market St , San Francisco (GArfield 2106)
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)

Store Bldg., University YMCA, Berkeley; Bids open Feb. 26, 2 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Anderson & Hagland, Inc., 219—41st St., Oakland (OLympic 9103).
Stolte, Inc., 8451 San Leandro Blvd., Oakland (TRinidad 1064)

Store Bldg., Broderick St., Oakland: Bids open Feb. 26, 2 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Anderson & Hagland, Inc., 219—41st St., Oakland (OLympic 9103).
Stolte, Inc., 8451 San Leandro Blvd., Oakland (TRinidad 1064)
Empire Constr. Co., Ltd., 344 Harriet St., S. F. (HEmlock 3400)

Richland Elementary School District, School Bldg., Shafter; Bids open February 27, 7:30 P. M.
Guy E. Hall, 1326 30th St., Bakersfield (Bakersfield 88695)
Rademann-Giusto, 40 Ringold Street, San Francisco (MArket 8151).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)

Truck Terminal, Ore.-Nev.-Calif. Fast Freight; Bids open Mar. 1, 2 P. M.
Jacks & Irvine, 620 Market St., San Francisco (GArfield 2106)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624)
Biltwell Constr. Co., 4745 Geary Blvd., San Francisco (BAyview 5947)

Shell Chemical Shop and Storage Bldg., Shell Point; Bids open March 6
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)

Don Mill Sports Store, Sacramento: Bids open February 21
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209)

Escalator and Elevator Additions, Lincoln Bldg., 867 Market Street, San Francisco; Bids open March 5, 3:00 P. M.
Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco (EXbrook 5616)

Laurel School, San Mateo; Bids open February 28, 8 P. M.
B. & R. Constr. Co., 268 Market St., San Francisco (DOuglas 7516).

CONTRACTORS . . .
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ADVANCE CONSTRUCTION REPORTS

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways........ 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

2/20/46 • 31
BIDS WANTED
GRAND COULEE, Wash.—Until February 26 bids will be received by Parker & Hill, consulting engineers, Smith Tower, Seattle, Wash., for the construction of a new water distribution system and water source for the city of Grand Coulee, Wash. The work involves construction of an intake shaft and tunnel; rock for pump house; excavation; two pumping units; installation of power line and electric work; chlorinator complete in place; 1,000,000-gallon storage tank; 7760 lin. ft. of 10-in. pumpline; 1355 lin. ft. 10-in. pipe; 500 lin. ft. 12-in. pipe; booster pumphouse complete with pumps, valves, fittings and wire; estimated cost, $95,307.

2/20/46 • • 31
BIDS OPENED
SAN FRANCISCO—Fred T. Fairey 1874 25th Avenue, at $1,227.95 submitted low bid to the Public Utilities Commission, Room 287, City Hall, under Water Department Contract No. 415 for laying 8-inch main in Alemany Blvd. east of Maglee.
Work involves:
(1) 300 l.f. excav. and backfill;
(4a) 300 l.f. install 8-in. B&S pipe;
(6a) 40 lbs. make bell and spigot joints;
(7) 900 sq. ft. repave sidewalk pave.
(8) install 12 ¾-in. screw taps;
(9) install 60 l.f. ¾-in. service pipe;
(10) lump sum, field inspection per day, $10.75.
(A) Materials furnished and services rendered by the San Francisco Water Dept., $575.20.
Complete bids follow:
Fred T. Fairey, (1) $0.70; (4a) $0.16; (6a) $0.70; (7) $0.26; (8) $1; (9) $0.40; (10) 9 days; total, $1,227.95.
S. F. Water Dept., (1) $0.70; (4a) $0.15; (6a) $0.70; (7) $0.35; (8) $1; (9) $0.50; (10) 10 days; total, $1,322.70.

33—BRIDGES

2/20/46 •• 33
CONTRACT AWARDED
KERN COUNTY, Calif.—E. W. Elliott Construction Co., 80 Laidley St., San Francisco, at $79,870, awarded contract by State Director of Public Works C. H. Purcell, Sacramento, for construction of a steel beam span bridge and about one mile grading and applying bituminous surface treatment at Freeman Gulch, Kern County.

2/20/46 • 33
BLUE PRINTS AVAILABLE
SACRAMENTO, Calif.—State Highway Engineer G T. McCoy announces cost of blue prints now available for work for which bids will be opened in Sacramento on March 13 and Los Angeles on March 14:

IV-SCl-68,2-SJs, at Santa Clara St.: Plans (including sales tax), $4.31; cross-sections (including sales tax), $2.92; total cost plans and cross-sections (including sales tax), $7.23.

VII-LA-60-LA,G,LBch on Pacific Coast Highway between Dominguez Channel and San Gabriel Ave.: Plans (including sales tax), $13.38; cross-sections (including sales tax), $9.53; total cost plans and cross-sections (including sales tax), $22.91.

VII-LA-Term.Island on Anaheim St. at Nicholson Ave.: Plans (including sales tax), $3.38; cross-sections (including sales tax), $1.38; total cost plans and cross-sections (including sales tax), $4.76.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif.

2/20/46 • 33
BIDS WANTED
EMERY COUNTY, Utah.—Until February 27, 2 P. M., bids will be received by the State Road Commission of Utah, State Capitol, Salt Lake City, Utah, for construction of concrete and steel bridge in Emery County, section of S. R. 10, south of Ferron, over Ferron Creek; Project No. F-4 (13).
Specifications obtainable from the above office upon deposit of $2.

35— DOCKS, PIERS & HARBORS

2/20/46 • • 35
CONTRACT AWARDED
BOAT HAULOUT WAYS
SAN RAFAEL, Marin County, Calif.
Construction of boat haulout ways.
Owner—Harvey C. Godfrendsen, 2017 Cambridge Drive, Alameda.
Structural Engr.—Isadore Thompson Room 323, 58 Sutter St., San Francisco.
Contractor—Duncanson - Harrelson Co., 1404 deYoung Bldg., San Francisco.

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21S Koehring Conc. Mixer—Elect.
Standard Machinery Co.
112 Market St., San Francisco
Call . . . . EXbrook 8845

2/20/46 • 35
BIDS OPENED
SOLANO COUNTY, Calif—Colberg Boat Works, 41 E. Weber St., Stockton, at $5452.50, submitted low bid to the Division of Highways, office of the district engineer, 1200 N. Center St., Stockton, for repairing an existing ferry moored on the Sacramento River about 0.5 mile upstream from Rio Vista, Solano County (X-100-A).
The work involves:
(1) dry-docking and delivering ferry;
(2) 4000 ft. board measure miscellaneous timber;
(3) miscellaneous repairs;
(4) 2600 lbs. miscellaneous iron and steel;
(5) 2500 lin. ft. caulking seams;
(6) painting hull and superstructure.
Complete bids follow:
Colberg Boat Works, Stockton, (1) $250, (2) $800, (3) $375, (4) $0.40, (5) $0.135, (6) $250; total, $5452.50.
N. Levy, (1) $1284, (2) $1980, (3) $911, (4) $0.655, (5) $0.408, (6) $452; total, $13,290; irregular bid.

36— PARKS, AIRPORTS & PLAYGROUNDS

2/20/46 • 36
PLANNED
SAN CARLOS, San Mateo Co., Cal.—Wm. L. Cooley of Cooley Industries, east of Bayshore Highway at San aCrlos, reports that San Carlos City Engineer Robert A. Klassen has approved plans for diverting the Phelps Slough away from his 227-acre tract so that an airport can be developed there. Plans for the new airport include three 200-ft. wide runways, about 150 individual all-steel hangars, etc.

2/20/46 • • 36
BIDS WANTED
SAN FRANCISCO.—Until Mar. 12, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, under S. F. Airport Contract No. 82 for airport extension, fill pavement and related construction at S. F. Airport.
Work involves:
Proposition A:
(1) 6,000,000 c.y. dry fill;
(2) 420,000 s.y. compacting to 95% density;
(3) 25,000 M. gals. watering (unit is 1000 gals.);
Proposition B:
(1) 450,000 c.y. dry fill;
(1a) 5,550,000 c.y. hydraulic fill;
(2) 110,000 s.y. compaction to 95% density;
(3) 5000 M. gals. watering (unit is 1000 gals.);
Quantities for Items 4 to 31 are the same for Propositions A and B
(4) 135,000 c.y. rehandling;
(5) 125,000 c.y. misc. excav.;
(6) 4,000 s.y. sub-base preparation;
(7) 15,000 tons crushed rock base;
(8) 50 tons prime coat;
(9) 600 tons plant-mix surfacing;
(10) 200 s.y. bit. seal coat;
(11) 310,000 s.f. portland cement concrete pavement;
(12) none—portland cement adjustment price, to compensate for change in requirement for cement in concrete as provided in the specifications;
(13) lump sum, drainage of existing mud fill area;
(14) 100 l.f. 6-in. sale glazed vitrified clay pipe;
(15) 700 l.f. 15-in. reinf. concrete pipe
(16) 800 l.f. 18-inch do;
(17) 400 l.f. 21-inch do;
(18) 1,100 l.f. 24-inch do;
(19) 30 l.f. 21-in. corru. metal pipe;
(20) 30 l.f. 24-inch do;
(21) 1 each 21-in. automatic drainage gate;
(22) 1 each 24-inch do;
(23) 350 l.f. 21-in. corru. metal pipe, furnished by city, to be installed
(24) 350 l.f. 24-in. corru. metal pipe, furnished by city;
(25) 1 each 21-in. automatic drainage gate furnished by city;
(26) 1 each 24-inch do;
(27) 700 l.f. salvaging 21- and 24-in. corrugated metal pipe;
(28) 4 each new inlets;
(29) 11 each removal of inlets;
(30) 50 each reinstalling inlets;
(31) lump sum, removing drainage structures X and Y.
Specifications obtainable from the cashier's office, 6th floor, 425 Mason Street, upon deposit of $10.00.

38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

2/20/46 • 38
CONTRACT AWARDED
ROUGH AND READY ISLAND, near Stockton, San Joaquin Co., Calif.—Pacific Gas & Electric Co., 445 Sutter St., San Francisco, awarded contract on unit price basis by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under NOy 13390 for electrical services at the Naval Supply Depot, Rough and Ready Island.

2/20/46 •• 38
BIDS WANTED—NO BID OPENING DATE SET
LIGHT AND POWER WIRING
HAYWARD, Alameda Co., Calif.—Six-acre tract at the southwest city limits on Winton Ave.
Interior light and power wiring only in connection with the construction of chemical fertilizer factory.
Owner—Swift & Co., c/o E. J. Hansen, engineer, P. O. Box 637, Hayward.
Plans by engineering department of owner.
Separate bids are now being received by the owner for interior light and power wiring. Contractors should write to E. J. Hansen, P. O. Box 637, Hayward, for plans.
General construction work is now under way by George Petersen & Son, San Leandro.

2/20/46 • 38
BIDS OPENED
CENTRAL VALLEY PROJECT, California.—The Bureau of Reclamation, Denver, Colo., received bids February 14 for furnishing f.o.b. shipping point or Marysville, Calif., or intermediate points between Sacramento and Oroville, for the following Oroville - Sacramento 230 kv. transmission line equipment; Inv. D-33,250-A-1:

Schedule No. 1
(1) 1,135,200 lin. ft. (215 miles) steel-reinforced bare aluminum stranded conductor having a nominal cross-sectional area of 795,000 circular mils and an effective copper equivalent cross-sectional area of 500,000 circular mils;
(2) 300 compression connectors suitable for the conductor furnished under Item 1;
(3) 200 compression dead-end connector assemblies, complete with jumper connectors suitable for the conductor furnished under Item 1;
(4) 100 compression repair sleeves suitable for the conductor furnished under Item 1;
(5) 1250 tapered armor-rod assemblies for use with the conductor furnished under Item 1;
(6) 100 parallel grove clamps suitable for the conductor furnished under Item 1;
(7) 200 vibration dampers suitable for the conductor furnished under Item 1;
(8) 1 set equipment for installing the connectors, dead-ends, and repair sleeves, furnished under Items2, 3 and 4 on the conductor furnished under Item 1;
(9) 1 set (2 wrenches) wrenches for installing armor-rod assemblies furnished under Item 5;
(10) 2 only hollow screw wrench for armor rod clamps;
Schedule No. 2
(11) 1,135,200 lin. ft. (2145 miles) hollow, hard-drawn bare copper conductor having a nominal effective copper cross-sectional area of 500,000 circular mils and in accordance with the attached specifications;
(12) 300 compression, or rolled-type, connectors suitable for the conductor furnished under Item 11;
(13) 200 dead-end, compression or rolled type connector assemblies, complete with dead-end connectors and jumper connectors suitable for the conductor furnished under Item 11 with clevis-plates suitable for attaching to dead-end insulator assemblies;
(14) 1 set equipment for installing the connectors furnished under Items 12 and 13 on the conductor furnished under Item 11.
The bids were:
General Cable Corp., f.o.b. Los Angeles, (11) $.179, (12) $635, (13) $2850, (14) $475; net.
Anaconda Wire & Cable Co., f.o.b. Great Falls, Mont., (11) $.1690, (12) $7.30, (13) $24.50, (14) $750; net.
Aluminum Co. of America, f.o.b. Messina, N. Y., (1) $.1689, (2) $4.30, (3) $10.20, (4) $1.35, (5) $5.66, (6) $2.85, (7) $2.85, (8) $375, (9) $22.20, (10) $1; net.

FOR SALE
FROM OUR SURPLUS STOCK
§
7000# ⅛x1-in. Band Iron
@ $4.80 cwt.
§
45,000 ⅝x1-⅝-in. Machine Bolts
American Std. Hex. head with
Heavy C.P. Hex. nuts @ $15.00
per case of 800
§
5 Marquette A.C. Arc Welders
275 Amps., 220 Volts. Like new
@ $150.00 each
§
Frank Ashby, Managing Partner
70 Chesley St. - MArket 1230
NATIONAL STEEL
FABRICATORS

39—SEWERS

2/20/46 •• 39
CONTRACT AWARDED
DRAINAGE LINES
Contract Price, $1,789.20
NORWALK, Los Angeles Co., Calif.
Norwalk State Hospital.
Installation of drainage lines at the dairy.
Owner—State of California.
Architect—State Division of Architecture, Anson Boyd, state architect, Public Works Bldg., Sacramento.
Contractor—George J. Bock Co., 1120 N. Las Palmas, Los Angeles.

40— STREETS AND HIGHWAYS

2/20/46 • 40
BIDS WANTED
CLALLAM COUNTY, Wash.—Until March 6, 10 A. M., bids will be received by the Public Roads Administration, W. H. Lynch, division engineer, 808 Bedell Bldg., Portland, Ore., for constructing Washington Forest Highway Project 2-E, grading, surfacing and bituminous surfacing, Olympic Highway, Olympic National Forest, Callam County, Washington.
Specifications obtainable from the above office upon deposit of $10, payable to the Treaurer of the United States.

2/20/46 • 40
BIDS OPENED
COCHISE COUNTY, Arizona.—The Packard Contracting Co., Luhrs Tower, Phoenix, at $394,932.15, submitted the low bid to the Arizona State Highway Commission, 1739 W. Jackson St., Phoenix, Ariz., February 13, for grading, draining, placing base material and road mixed bituminous surfacing SC-4, beginning about 1¾ miles southeast of Bisbee and extending easterly on Benson-Douglas Highway in Cochise County, Arizona; F 11 (6), AFE 8096, a total distance of approximately 3¾ miles.
Bids submitted were:
Packard Contracting Co, $394,932.15.
L. M. White Construction Co., $406,945.77.
Tanner Construction Co., $409,212.73.
Wallace & Wallace, $413,279.73.
P. D. O. C., $422,578.87.
Edward Van Doren, $424,521.58.
Bowen & McLaughlin, $431,985.70.
I. G. Beall, $441,160.18.
Fisher Contracting Co., $453,723.92.
Tiffany Construction Co., $493,644.13.

2/20/46 • 40
COMPLETING PLANS
SAN MATEO and HILLSBOROUGH, Calif.—Engineer Charles T. Broughton, City Hall, South San Francisco, is completing plans for roads, sewers and water system for Baywood Highlands, a new subdivision of 10 acres in San Mateo and 55 acres in Hillsborough, owned by Frank Ashby, co-owner of National Steel Fabricators, 70 Chesley St., San Francisco. Construction of roads, sewers and water system will be contracted by the town of Hillsborough at an estimated cost of $102,000 under the Improvement Act of 1911.

2/20/46 • • 40
CONTRACT AWARDED
EL DORADO COUNTY, Calif.—Utah Constr. Co., 1 Montgomery St., San Francisco, at $260,925.50 awarded contract by the State Director of Public Works, C. H. Purcell, Sacramento, for about 3.4 miles grading and surfacing with plant-mix surfacing on crusher run base between Shingle Springs and 1¼ miles west of El Dorado, El Dorado County.

PIPE
PIPE - VALVES - FITTINGS
Facilities for pipe bending and manifolds
Write for Prices
Pacific Pipe Co.
160 Spear St., San Francisco

2/20/46 • • 40
BIDS WANTED
SAN BERNARDINO CO., Calif.—Until March 21, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, State Highway Engineer, State Bldg., Los Angeles, for about 5.7 mile of grading and paving wth portland cement concrete and constructing reinforced concrete bridge between Vineyard Ave. and Etiwanda Ave., San Bernardino County.
Work involves:
(1) 165 c.y. remove concrete;
(2) 298 sta. clear and grubb;
(3) 31,000 c.y. rdwy. excav.;
(4) 186,000 s.y. compact original ground;
(5) 2,350 c.y. struc. excav.;
(6) 3,900 c.y. ditch and channel do;
(7) 94,000 sta. yds. overhaul;
(8) 153,000 c.y. imported borrow;
(9) develop water supply and furnish water equipment;
(10) 7,960 M. gals. apply water;
(11) 298 sta. finish rdwy.;
(12) 80,500 sq. yds. subgrade treatment;
(13) 690 tons liq. asph. RC-3 or -3 subgrade treatment;
(14) 45 tons asph. emulsion seal coat;
(15) 430 tons screenings seal coat;
(16) 210 tons liq. asph. SC-3 or -4 service highway bit. surf. treatment;
(17) 42,000 sq. yds. prepare, mix and shape surf., service highway bit. surf. treatment;
(18) 9,500 tons min. agg. plant mix surfacing;
(19) 470 tons pave. asph. plant mix surfacing;
(20) 2 tons asph. paint binder;
(21) 260 l.f. raised bars plant mix surfacing;
(22) 18,200 c.y. Class B portland cement conc. pave.;
(23) 12,000 each tie bolt assemblies;
(24) 253 l.f. timber bridge railing;
(25) 1,505 c.y. Class A portland cement conc. structures;
(26) 485 l.f. concrete bridge railing;
(27) 292,000 lbs. furnish bar reinf. steel;
(28) 292,000 lbs. place do;
(29) 280 lbs. misc. iron and steel;
(30) 2,148 l.f. furnish concrete piles;
(31) 79 each drive do;
(32) 375 l.f. furnish steel piles;
(33) 18 each drive do;
(34) 38 c.y. Class A Portland cement concrete curbs;
(35) 350 each curb dowels;
(36) 82 each monuments;
(37) 63 each culvert markers and project markers;
(38) 8 each guide posts;
(39) 12.4 miles new property fence;
(40) 105 l.f. remove and reconstruct wire mesh fence;
(41) 902 l.f. 24-in. CMP 14 gage;
(42) 168 l.f. 36-inch CMP 12 gage;
(43) 6,200 l.f. 10-in. plain conc. pipe;
(44) 125 each 10-in. Concrete pipe risers;
(45) 4 each irrigation gate stands;
(46) 6,200 l.f. remove existing irrigation pipe lines;
(47) 550 l.f. salvage existing pipe culverts;
(48) 350 l.f. re-lay do;
(49) 1 each cast steel frame and grate;
(50) 1,030 s.y. plant mix slope protection;
(51) misc. items of work.
Specifications obtainable from the office of the State Highway Engineer, Public Works Bldg., Sacramento.

2/20/46 • 40
BIDS WANTED
CARBON COUNTY, Utah.—Until February 27, 2 P M., bids will be received by the State Road Commission of Utah, State Capitol, Salt Lake Ctiy, Utah, for 0.839 mile 2-in. road mix bituminous surfaced road in Carbon County, that section of U. S. 50 between Price and Helper, identified as Project No. F-24 (6) and State Project No. 830.
Specifications obtainable from the above office upon deposit of $2.

2/20/46 • 40
PLANS BEING FIGURED
CALIFORNIA POINT, Marin Co., Calif.—Until February 26, 2 P. M., bids will be received by the U. S. Engineer Office, 74 New Montgomery St., San Francisco, under Job No. 2350-2 for resurfacing county road at California Point, Marin County, Calif.
The following contractors have been furnished with plans:
J. Henry Harris, 2657 Ninth St., Berkeley.
Lee J. Immel, Box 65, Station A, Berkeley.
Piombo Bros. & Co., 1571 Turk St., San Francisco.

41—GAS, WATER AND OIL PIPE LINES

2/20/46 41
CONTRACT AWARDED
LONG BEACH, Los Angeles Co., Calif.—American Pipe & Constr. Co., 4635 Firestone Blvd., Los Angeles, at $59,962.50 awarded contract by the Long Beach Water Dept., Public Service Bldg., Long Beach, Feb. 14 for furnishing material and installing 5330 l.f. of 20-inch water main in Harbor Ave. from Kent to Reeves St., 10th St. from Harbor to Pico Ave. and Pico Ave., 9th St. to Anaheim St., Long Beach; Spec. 93.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Machinery and Equipment 43

42— MISC. SUPPLIES AND MATERIALS

2/20/46 • 42
BIDS WANTED
SAN FRANCISCO.—Until March 4 2 P. M., bids will be received by the U. S. Treasury Dept., 821 Market Street, for materials as follows:
Inv. SF-2820-46: auger bits & hatchets fob San Francisco.
Inv. SF-2810-46: fire extinguishers fob San Francisco.
Specifications obtainable from the above office.

2/20/46 • 42
BIDS WANTED
SAN FRANCISCO.—Until March 4 3 P. M., bids will be received by the Purchaser of Supplies, 270 City Hall, under Bid No. 3496 for furnishing and delivering 4 rolls of rubber floor matting and 10 gallons of cement for the Municipal Railway.
Specifications obtainable from the above office.

2/10/46 • 42
BIDS WANTED
PANAMA CANAL.—Until Feb. 25 bids will be received by the General Purchasing Officer, The Panama Canal, Washington 25, D. C., for 4000 prs. but hinges; 480 prs. do; 576 night door latches, rim; 240 bronze barrel bolts; 48 chain bolts; 12 steam pressure gauges; 50 do; 154 round gauge glasses; 4000 cap screws; 80 gro. do; 255 gro. brass wood screws; 180 gro. do; 300 lbs. copper tacks; 60 glass rod towel racks; 100 paper towel holders; 50 wastepaper office receptacles; 120,000 ft. blasters detonating fuse; 200 fusible plugs; 200 tar roof brushes; 122 rubber V belts; 600 ft. leather belting; 500 lbs. hydraulic packing leather; 1000 ft. rawhide belt lacing and 100 chamois skins; Sch. 8183.

2/20/46 • 42
BIDS WANTED
PANAMA CANAL.—Until Feb. 25 bids will be received by the General Purchasing Officer, The Panama Canal, Washington 25, D. C., for 8 physics tables, double, 6 ft. 4-student, equipped with inlaid linoleum tops; 2 analysis tables, qualitative; 1 heath scape; 5 edge tool grinders with ⅛-hp. motor; 48 sets drawing instruments; 24 lettering triangles; 24 transparent celluloid curves; circular protractor; 54 transparent celluloid triangles; 66 do; 12 semicircular celluloid protractors, and 36 drawing T-squares; Sch. 8181.

2/20/46 • 42
BIDS WANTED
PANAMA CANAL.—Until Feb. 26 bids will be received by the General Purchasing Officer, The Panama Canal, Washington 25, D. C., for 800 lbs. alloy steel welding electrodes, corrosion resisting; 1000 lbs. gas welding rods, 136 steel or wrought iron turnbuckles, 394 galvanized turnbuckles, steel or wrought iron; 50 rigging do; 450 galvanized wrought iron or steel shackles; 200 galvanized wrought iron or steel screw pin chain shackles; 650 wire rope thimbles, galvanized steel; 200 lbs. galvanized malleable iron clinch rings; 4 ship fenders, Spanish cane, woven, with galvanized metal ring at each end, and 100 jacket type life preservers; Sch. 8179.

2/20/46 • 42
BIDS WANTED
PANAMA CANAL.—Until Feb. 27 bids will be received by the General Purchasing Officer, The Panama Canal, Washington 25, D. C., for 16 steel lockers, 15x15x18 ins. high (including 6-in. legs), double tier (32 compartments), double row (back to back) in two groups of eight each, full or semi-louvered or perforated doors; 3 steel lockers, 17x17x78 ins. high (including 6-in. legs), single tier, single row, in one group, full or semi-louvered or perforated door, and 2 electric drinking water coolers, size 10; Sch. 8187.

2/20/46 • 42
BIDS WANTED
PANAMA CANAL.—Until March 1 bids will be received by the General Purchasing Officer, The Panama Canal, Washington 25, D. C., for 10 carbon dioxide fire extinguishers, portable; 4 safety pop valves; 200 composition grease cups; 720 brass harness rings; 150 pcs. plate glass; 2700 pcs. clear window glass; 50 pcs. sheet safety glass for windshields and windows in automobiles; 50 pcs. acid ground processed glass; 500 16-in. street sweeping brooms; 1200 corn brooms; 10,000 lbs. garnetted cotton felt for mattress filling; 1200 sq. ft. hair felt; 8000 lbs. hard rubbing felt; 500 yds. 90-in. cotton duck; 1500 spools cotton machine thread, 100-yd. to spool; 200 yds. linen thread, 2-oz. spools, and 8000 lbs. chip soap; Sch. 8185.

2/20/46 • 42
BIDS WANTED
SACRAMENTO, Calif.—Until Mar. 1, 5 P. M., bids will be received by the City of Sacramento, city clerk, City Hall, Sacramento, for 82 gate valves for the Water Department.
Specifications obtainable from the above office.

2/20/42 • • 42
BIDS WANTED
SACRAMENTO, Calif.—Bids will be received by the State Purchasing Agent. Sacramento, for materials as follows:
February 21
QUO. 36172; Req. 76208:
230 tons plant mix surfacing, 200-300 pene. asphalt and aggregate, fob Yorba Bridge about 4 miles east of Olive, Calif.
February 25
QUO. 36387; Req. 309-334:
One concrete mixer, 3-½S non-tilt and discharge w/water tank, 2-hp. engine, mounted on two pneumatic wheels with trailings bar fob Davis.
February 28
QUO. 36969; Req. 3884:
One 5-8 ton tandem roller, fob Redding.
QUO. 36966; Req. 3885:
Two vibrating screens, new Holland 241-E6, or equal. One of each of following screens to fit above vibrators: ⅝-in. opening No. 6 wire; ⅜-in. opening No. 10 wire; 8 mesh No. 18 wire, fob Redding.
March 1
QUO. 36970; Req. 26265:
One No. 2 Cleaver Brooks portable bit. booster mounted on 4-wheel pnteumatic tired traler;
One steam tank car heater, 3-car, skid-mounted, Cleaver Brooks, or equal, fob Willits.
QUO. 36968; Req. 3812:
One portable bit. Booster, No. 2 Cleaver Brooks. or equal, trailer mounted, fob Redding.
QUO. 36967; Req. 3811:
3 steam tank car heaters, 3-car, Cleaver-Brooks or equal, fob Redding.

2/20/46 • 42
BIDS WANTED
OAKLAND, Alameda Co., Calif—Until March 5, 2 P. M., bids will be received by the City of Oakland, City Hall, Oakland, for gasoline and ethyl gasoline.
Specifications obtainable from the above office.

2/20/46 • 42
BIDS WANTED
CASPER, Wyo.—Until March 1, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver 2, Colo., under Inv. C-22,339-A for furnishing Western red cedar, Southern yellow pine or Douglas fir poles, f.o.b. shipping point and/or Casper, Wyo., Seminoe-Casper transmission line.
Specifications obtainable from the above office.

2/20/46 • 42
BIDS OPENED
SACRAMENTO, Calif.—Following submitted bids to the State Purchasing Agent, Sacramento, for materials as follows:
QUO. 35786; Req. 12092:
Basalt Rock Co., $2 Longvale, $2 Arnold, $1.85 Willits, $1.65 to Calpella; disc. 10 cents ton 10th.
Dry Creek Gravel Co., $2.10, $2.10, $2.05, $2.00; disc. ½ of 1%; 30.
Ukiah Gravel Co., $1.50 per ton stockpiled at Calpella; disc. ½ of 1%; 30 days.
REQ. 51057; Quo. 34865:
Awarded to W. B. Roselip, 450 tons at various locations vicinity of San Luis Obispo, at $1800 total figure; disc. ½ of 1% 30 days.
Southern Pacific Milling Company awarded 450 tons various locations vicinity of Arroyo Grande and Santa Maria at total of $1960; disc. 10 cents ton 10th.
QUO. 35056:
Standard Mchy. Co., Roscoe No. 37; Req. 26264, $1098 each; extra brooms $104.50 each; Req. 3808 $1098 each; 90 days deliv. net.
Buran Equip. Co., Hough Universal, Req. 26264, $1090 each; $80 each for extra brooms; Req. 3808 $1090 each; 30 day deliv.; disc. 2% 30 days.
Coast Equipment Co., Grace MB 100, 3-wheel trailer Lerol 4-cyl. engine, $985, $80 for extra brooms, $985 on Req. 3808; 15 day delivery; net.
Edward R. Bacon Co., Littleford 108, $1219.85, $164.90 for extra brooms; $1219.85 on Req. 3808; deliv. of one only, 40 to 50 days; no discount.
QUO. 35506; Req. 3809:
A. L. Young Mchy., Good Roads Berna Champ No. 10, $1001; del. 45 to 60 days; disc. 2% 30 days.
Spears Wells Mchy. Co., Highway R, $930 each; 4 extra hitches at $15 each; 45 day del.; net.
Industrial Equip. Co., Buckeye 10-ft. MTL spreader, $561; agitator, $4; 4 hitches at $8 each; carrier $157; freight to Redding $40; total $844; 14 days; net.
Coast Equip. Co., Burch MDL 10, $650; 90 days; net.

2/20/46 • 42
BIDS WANTED
CENTRAL VALLEY PROJECT, California.—Until Feb. 25, 2 P. M., bids will be received by the Bureau of Reclamation, Custom House, Denver, Colo., for furnishing the following equipment f.o.b. shipping point or Redding, Calif., for installation at Keswick Dam and Power Plant, Central Valley Project; Invitation No. 33,272-A:
Schedule No. 1
(1) 1 lot floor frame, part No. 1, and floor plate, part No. 2, in accordance with details and requirements shown on drawing No. 214-D-7550;
(2) 1 lot bulkhead gate guides, parts 1 to 5, inclusive, and part 10, in accordance with details and requirements shown on drawing No. 214-D-8710.
(3) 1 only trash rack, in accordance with details and requirements shown on drawing No. 214-D-8893;
(4) 1 lot gate-slot frames and covers, parts 1 to 5, inclusive, in accordance with details and requirements shown on drawing No. 214-D-9225;
(5) 1 lot metal work, parts 1 to 10, inclusive, and parts 12 and 13, in accordance with details and requirements shown on drawing No. 214-D-9389;
(6) 1 lot metal work, parts 1 to 5, inclusive, in accordance with details and requirements shown on drawing No. 214-D-9596;
(7) 5 only car-guide supports, part 1, in accordance with details and requirements shown on drawing No. 214-D-9661;
(8) 1 only erection frame, complete with platforms, ladder and gate fastenings, in accordance with details and requirements shown on drawings No. 214-D-16315 and 214-D-10316;
(9) 1 lot metal work, parts 1 to 14, inclusive, in accordance with details and requirements shown on drawing No. 214-D-11323.
Prices bid are f.o.b. cars at (state point).
Schedule No. 2
(10) 1 lot gratings, parts 11 and 12 only, in accordance with details and requirements shown on drawings No. 214-D-8712;
(11) 1 only gratign, part 25 only, in accordance with details shown on drawing No. 214-D-9391;
(12) 1 lot stairway treads, parts 6, 7 and 8 only, in accordance with details and requirements shown on drawing No. 214-D-10011;
(13) 208 only stairway treads, part No. 9 only, in accordance with details and requirements shown on drawing No. 214-D-10550.

43— MACHINERY AND EQUIPMENT

2/20/46 • 43
NOTICE OF SALE
WASHINGTON, D. C.—Until Feb. 27 bids will be received by the U. S. Maritime Commission, Commerce Bldg., Washington, D. C., for sale of the tanker Seamobile I.

The Seamobile I, built by the U. S. Shipbuilding Corp. at Yonkers, N. Y., and delivered in September, 1943, is quadruple screw propelled by eight Gray Marine Diesel engines, 165 hp. each. Each propeller is connected to a vertical shaft extending from the engines located on the main deck. Each shaft is driven by two engines and the shafts are encased in watertight cast steel housing which is suspended from heavy cover plate on top of the well. Each end of the vertical shaft is fitted with bevel gears through which power is transmitted to the two-bladed propellers. The tanker has three 40 k.w. diesel generating sets and two electrically-driven 6-inch National Transit cargo pumps with a rated capacity of 720 g.p.m. The vessel is fully equipped with carbon dioxide fire extinguishing system in the cargo and machinery spaces. Complete quarters are available for 22 officers and men with regulation lifeboats and lifesaving equipment. Fuel capacity of the vessel is 325 tons. The Seamobile I is 259 feet 7 inches by 40 feet by 18 feet and has a gross tonnage of 1831.

The tanker suffered bottom damages as a result of grounding and survey of the damage can be inspected in the office of D. Henderson, War Shipping Administration, 45 Broadway, New York, N. Y. The vessel is now located at Staten Island, N. Y.

Prospective bidders may obtain copies of the invitation to bid upon application to the officials listed below:
Director, Division of Small Vessel Procurement and Disposal, Washington 25, D. C.
Assistant District Manager, 40 Broad St., Boston 10, Mass.
Atlantic Coast Director, 45 Broadway, New York, N. Y.
Port Agent, Delaware Ave. and Oregon, Philadelphia 48, Pa.
District Manager, 22 Light St., Baltimore 2, Md.
District Manager, 12th St. and Monticello Ave., Norfolk 10, Va.
Port Agent, Graham Bldg., Jacksonville 2, Fla.
Gulf Coast Director, Canal Bldg., New Orleans 12, La.

2/20/46 • 43
BIDS WANTED
HUNGRY HORSE PROJECT, Montana.—Until March 15, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1191 for furnishing and delivering 50 2-bedroom, prefabricated, portable and demountable houses for the Hungry Horse government camp, Hungry Horse Project, Montana, f.o.b. shipping point and/or Columbia Falls, Mont., or furnishing and delivering by trucks at the building site at government camp, five miles east of Columbia Falls, Mont.
Specifications obtainable from the above office; no charge to prospective bidders; to others, $0.50, not returnable.

2/20/46 • 43
BID OPENED
SAN FRANCISCO.—Western Piping & Engineering Co., 119 Kansas St., San Francisco, at $2573, submitted only bid to the Public Utilities Commission, Room 287 City Hall, under Water Department Contract No. 413 for furnishing and installing hot water storage tank and altering the boiler room, San Francisco Water Department Bldg., 425 Mason St.

Prospective Bidders

Sports Store Building, Alhambra and L Streets, Sacramento, Calif.

BIDS: Architect Harry J. Devine, 624 R St., Sacramento, February 21, 2 P. M.
General Work
Campbell Constr. Co., 228 E Transit St., Ontario.
Transwestern Constr. Co., 1402 Front St., Sacramento.
M. J. King, Inc., 231 Franklin St., San Francisco.
Electric Work
Manuel Joseph, 1020 J St., Sacramento.
J. C. Hobrecht Co., 2233 Portola Way, Sacramento.

Laurel School Building, San Mateo, Calif.

BIDS: San Mateo Elementary School District, Superintendent of School, 120 N. Ellsworth St., San Mateo, February 28, 8 P. M. Plans prepared by Architect Ernest J. Kump Co., 251 eKarny St., San Francisco.
C. F. Parker, 1644 Monterey Blvd., San Francisco.
Erbentraut & Summers, 446 6th St., San Francisco.
B. & R. construction Co., 268 Market St., San Francisco.
Engineering Design Co., 20 2nd St., San Francisco.

Repair Pier 24, Embarcadero, San Francisco

BIDS: Board of State Harbor Commissioners, Ferry Bldg., San Francisco, February 21, 3:30 P. M.
Ben C. Gerwick, Inc., 112 Market St., San Francisco.
Ocean Constructors, 135 Stockton St., San Francisco.
Healy - Tibbitts Construction Co., 1100 Evans Ave., San Francisco.
M. B. McGowan, Inc., 625 Market St., San Francisco.
Case Construction Co., Box 416, Alameda.
J. D. Proctor, Inc., P. O. Box 247, Point Richmond Station, Richmond.
Clinton Construction Co., 923 Folsom St., San Francisco.

Track and Telephone Line Relocation, Idaho Northern Branch, Oregon Short Line Railroad

BIDS: Bureau of Reclamation, Boise, Idaho, February 28, 10 A. M.
Nat McDougall Co., Sherlock Bldg., Portland.
Max J. Kuney Co., N 120 Ralph, Spokane.
Vernon Brothers, 8th and Orchard Avenue.
M. K. Engineering Co., Inc., Albany, N. Y.
Wixon-Crowe, Redding, Calif.
Condon - Cunningham Co., Omaha, Nebraska.

WANTED
FOR SALE • FOR RENT
★
USED EQUIPMENT
AND MATERIALS

FOR SALE
NEW & RECONDITIONED DIMENSION LUMBER
TIMBERS, wallboards, plumbing, pipe, millwork, and other building materials. SALE PRICES. Large stocks of "hard to get" items.
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CLEVELAND WRECKING CO.
2900 Third St. - VAlencia 4977

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LUMBER HANDLING EQUIPMENT: CARRIERS, STACKERS, TRUCKS. Call Mac, Pacific Carriers. Oakland. KE 4-1651.

WANTED
WORK FOR D 8 TRACTORS, CARRYALLS and TERRA COBRAS. Phone Stockton 66639. tf

NATIONAL EXPANSION JOINT CO.
MANUFACTURER AND DISTRIBUTOR
FIBER BOARD—FELT-SIDED ASPHALT AND
REDWOOD EXPANSION JOINT FILLERS
DISTRIBUTOR
MARVEL-KOTE—Concrete Curing Compound
SEALZ—Expansion Joint Sealing Compound
Complies With
Federal Specifications SS-F-336
FOR CONCRETE CONSTRUCTION
333 Seventh St. UNderhill 7172 San Francisco 3, Calif.

Building Permits, Contracts---Recorded Notices

BUILDING PERMIT Applications

SAN FRANCISCO

2-STORY FRAME FLATS, $9000; SE 24th Ave and Kirkham; owners, Mr and Mrs C Stendell, 1512 24th Ave; builder, Elvin C Stendell, 105 Gonzalez Dr.

ALTER TAVERN, $7500; 126 Ellis St; owner, Ralph Munson, prem; builder, George T Robinson, 43 Milan Terrace.

DWELLING (2-story frame), $7000; NE Yukon and Eagle St; owner, A Paratore, 549 Fell St; day work.

2-STORY FRAME DWELLINGS (9), $6700 each; E Gaviota Way 38, 68, 88, 113, 138 NW Bella Vista; NE Teresita Blvd 53, 78, 103, 128 NW Evelyn Way; owner and builder, Theodore Meyer, 200 Quint St.

2-STORY FRAME DWELLINGS (7), $6000 each; NE Teresita Blvd 28 NW Evelyn Way; NW Los Palmos Dr and Lulu Alley; N Los Palmos Dr 28, 53, 78, 103, 128 W Lulu Alley; owner and builder, Theodore G Meyer, 20 Quint St.

ELECTRIC SIGN, $3000; SW Turk and Taylor; owner, Imperial Grill, prem; builder, Neon Maintenance Corp, 755 Davis St

ALTER APARTMENTS, $2400; 3560 San Bruno Ave; owner, P Liserri, 4620 3rd St; day work.

ALTER DWELLING, $2000; 933 Fulton St; owners, Wm and Golda Thackeray, prem; builder, W C Savage, 2358 Fillmore St.

ALTER DWELLING $1900; 337 Shotwell St; owner, Alfredo Preclado, c/o contractor; builder, Fred J Early Jr Co, Inc, 369 Pine St.

ALTER STORE AND FLAT, $1600; 344-48 Precita Ave; owner, A M Smith, 342 Precita Ave.

ELECTRIC SIGN, $1500; 60 Geary Blvd; owner, Harry Leondos, prem; builder, Neon Maintenance Corp, 755 Davis St.

ALTER STORES, $1500; 883 Market St; owner, Wm H Woodfield Jr, et al, Russ Bldg; builder, G P W Jensen & Son, Inc, 320 Market St.

ALTER DWELLING, $1400; 1274-76 McAllister St; owner, Mr Newman, 1734 Broderick; builder, Leonard Salomon, 1734 Broderick.

ALTER PLANT, $1250; 390 9th St; owner, Wells-Fargo Bank & Union Trust Co, Market and Montgomery; builder, L A Hinson, 756 4th Ave.

ELECTRIC SIGN, $998; 2501 Van Ness Ave; owner, A H Field, prem; builder, Neon Maintenance Corp, 755 Davis St.

ALTER APARTMENT HOUSE, $850; 1270 McAllister St; owner, Mr Rayberg, 1734 Broderick; builder, Leonard Salomon, 1734 Broderick.

ELECTRIC SIGN, $732; 4014 Geary Blvd; owner, Jack E Menary, prem; builder, Neon Maintenance Corp, 755 Davis St.

ALTER DWELLING, $650; 1625 Post St; owner, Sullivan's Liquor Store, prem; builder, American Terrazzo Co, 36 Wood St.

ALTER STORE, $650; 3286 Mission St; owner, Steve Astmos, prem; day work.

ELECTRIC SIGN, $500; 206 Jefferson; owner, J Tarantino, prem; builder, Neon Maintenance Corp, 755 Davis St.

ELECTRIC SIGN, $500; 1025 Columbus Ave; owner, Frank Martinelli, prem; builder, Neon Maintenance Corp, 755 Davis St.

OAKLAND

ALTERATIONS, $750; 1676 7th St; owner, John Singer, prem; builder, C M Guess, 3342 Chestnut St.

ADDITION, $750; 2108 Lakeshore Ave; owner and builder, J W Anderson, premises.

ALTERATIONS, $700; 520-24-30 12th St; owner, Lerner Shops, 356 S Western Ave, Los Angeles; builder, Lerner Stores, Inc.

REPAIRS, $700; 3719 Emerson St; owner, J M Petersen, prem; builder, C H Thrams, 1100 6th Ave.

ADDITION, $900; 2743 San Pablo Ave; owner, Borden's Dairy Delivery Co, premises; builder, C H Thrams, 1100 6th Ave.

DWELLING (1-story 5-room), $7000; 3014 Guido St; owner, Jos Gerken, 2603 Humboldt Ave; builder, George O Pershel, 16225 Via Rincon, San Lorenzo.

1-STORY STORE BUILDING, $10,000; 4110 MacArthur Blvd; owner, W M Clinnick; builder, California Builders Co, Inc, 350 Hobart St; plans by Ralph E Wastell, 841 Erie.

1-STORY STORE BUILDING, $4622; 9877 MacArthur Blvd; owner, W P Saake, 3728 Brookdale Ave; builder, C R Hills, 10915 Bancroft Ave.

ADDITION, $3000; 6125 Ruthland Rd; owner, Mrs Bigelow, prem; builder, Roy Hoover, 6181 Ruthland Rd.

1-STORY 2-ROOM WAREHOUSE, $35,000; 1106-18 5th Ave; owner, Edward H Adams, 541 E 12th St; builder, Doty & Lockwood, 2603 E 14th St; plans by Harry B Corlett, 18th and Campbell Sts.

DWELLING (1-story 4-room), $4000; 812 105th Ave; owner, L H Lincoln, 4158 Mountain Blvd; builder, Western Construction Co, 3176 Jordan Rd.

ALTERATIONS, $750; 1426 Wood St; owner and builder, Hampton Peters, 1426 Wood St.

ADD TO DWELLING, $1000; 3520 Jordan Rd; owner, Chas F Rainlain, premises; builder, W Vernon Bernard, 5815 Leona St; plans by F Harry Slocombe, Graham Bldg.

DWELLING (1-stoy 5-room), $6850; 209 Marlowe Dr; owner, Edw P Cahill, 132 Covington; builder, J F Patterson, 7938 Hillmount Dr.

ALTER AND REPAIR, $700; 522 5th St; owner, Alice Lee, premises; builder, O Blome, 1651 51st Ave.

ALAMEDA

CLEANING PLANT, $7000; 2420 Lincoln Ave; owner, Anthony Bernardi; builder, A Russell, 1809 14th Ave; architect, Harvey Slocombe, 132 Monte Cresta Ave, Oakland.

1-STORY BRICK SHOWROOM, $3,750; 1635 Park St; owner, Lippi Motor; builder, Beckett & Federighi, 1441 Franklin St.

ADDITION, $1659; 919 Pacific Ave; owner, D F Winter, 919 Pacific Ave; builder, Pioneer Builders, 516 San Pablo, Albany.

GARAGE, $980; 1320 Bay St; owner, John S Wright, 1320 Bay St; builder, Samuel Lee, 3006 Thompson Ave.

ALTERATIONS, $2000; 2514 Central Ave; owner, Dr C M Miller, 1213 Lafayette St; owner, I A Farringer, 3030 Modesto, Oakland.

SIGN, $1000; 1510 Park St; owner, Arnold Cress; builder, Scott Sign Service, 1728 Snoma St, Vallejo.

ADDITION, $800; 208 Pacific; owner, Verl Means, 208 Pacific; builder, Pioneer Builders, 516 San Pablo, Albany.

GARAGE AND 3-ROOM APARTMENT, $3200; 3217A Central Ave; owner, L F Noon, 3217 Central Ave; builder, Barron & Hartley, 1411 5th.

BERKELEY

DWELLING, 5-room, $6000; 616 Vincente; owner and builder, Carl Bartlett, 619-A Colusa Ave; plans by J H Piott.

ALTERATIONS, $8000; 2424 4th St; owner and contractor, California Packing Co, 101 California Street, San Francisco; plans by Geo H Jennings.

ALTERATIONS, $3000; 2076 Ashby; owner and contractor, Geo Kondo, 2076 Ashby Ave.

DWELLING, 4-room, $5500; 2126 Bonar; owner and builder, A Hendrickson, 1715 Hearst.

GARAGE, 2-car, $700; 727 Creston; owner, I C Berry, 2107 Addison St; contractor, A C Brunsell, 1172 Suter; plans by B S Booth.

ALTERATIONS, $2500; 2120 Haste; owner and contractor, Morgan-Peacock, 2124 Kittredge.

ALTERATIONS, $1000; 1552 Shattuck Ave; owner and contractor, E F Donovan, premises.

ALTERATIONS, $2000; 3034 Benvenue; owner and contractor, L A Doyle, 3034 Benvenue.

GARAGE and shop $500; 1606 Chestnut; owner and builder, R M U'Ren, 1606 Chestnut.

STORE, $500; 1204 9th St; owner, H W Force, 7th and Parker; contractor, J M Shuffer, 1332 9th St.

ALTER, $500, 1919 Haste; owner and contractor, C W Olsen, prem.

ADDITION, $1500; 1104-A Tenth St; owner, I M Liner, premises; contractor, Gerald O Anderson, 2817 Nevin Ave, Richmond.

BUILDING PERMIT Granted

SAN FRANCISCO

FEBRUARY 18, 1946

ALTER APARTMENT, $12,000; SW. corner Chestnut and Divisadero; owner, L W Leven.

CLASS "C" BUILDING, $15,000; N Mission St 40 W 9th St; owner, Herbst Bros.

ALTER FLATS, $3000; 4760 Mission; owner, Thornos Valerga.

1-STORY FRAME BUILDING, $9850; N side Judah 95 E 45th Ave; owner, Ida M Cambridge.

ALTER WAREHOUSE, $1000; 1183 Potrero Ave; owner, Frank Cella.

CLASS "C" BUILDING, $8000; S side Natoma 135 W 10th St; owner, Busch Manufacturing Co.

DWELLING (1-story frame), $5500; W Head 275 N side DeLong; owner, D G Wuenergardt.

DWELLINGS (2), $6000 each; W line Ralston 200, 225 S Shields; owner, Boyd C Lindsay.

ALTER STORE, $1000; 2624 24th St; owner, Gregory Cella.

ALTER STORE, $8000; 700 Geary St; owners, S C & J Balin.

ALTER DWELLING, $850; 45 Ord Court; owner, W J Ireland.

DWELLING (1-story frame), $6000; N Ulloa 150 E side of 30th Ave; owner, Keith L Lund.

ALTER OFFICES, $10,000; 291 Geary St; owner, Geo S May Co.

ALTER TAVERN, $997; NE corner Steiner and Cellis Sts; owner, Richard Steffens.

ALTER DWELLING, $1500; 2138 36th Ave; owner, Mr Davies.

ALTER STORES, $4000; 3214-16 24th St; owner, G Cunferman.

ALTER DWELLING, $945; 620 4th St; owner, Geo Hill.

FRESNO

STORE, $15,000; 308-12-16 Olive St; owner, R L McDonald; contractor, Hansen & Sons.

DWELLING and garage, $7150; 2226 Michigan; owner, J L Veach; contractor, Fred E Kaiser.

DWELLING, $6100; 2349 Lotus St; owner, Gilbert Winter; contractor, Fred E Kaiser.

DWELLINGS, three, $6000 each; 1526 1546, 1556 Thorne; owner, Concord Housing Corp; contractor, Taylor & Wheeler.

DWELLING and garage, $5000; 327 Tuolumne; owner and builder, D Puma.

RE-ROOF club, $600; 1312 Merced; owner, Knights of Pythias; contractor, Valley Lumber Co.

ALTERATIONS, $600.00; 49 Modoc; owner, Mrs R O Parker.

RE-ROOF dwelling, $500; 1705 North Van Ness; owner, Geo Sharp.

REDWOOD CITY

6-ROOM DWELLING and GARAGE, $7000; 480 Hudson St; owner and builder, T H Ward, Redwood City.

5-ROOM DWELLING and GARAGE, $6000; 229 Johnson St; owner and builder, Dave Holder, Redwood City

4½-ROOM- DWELLING and GARAGE, $5000; 237 Johnson St; owner and builder, Dave Holder, Redwood City.

5-ROOM DWELLING and GARAGE, $6000; 245 Johnson St; owner and builder, Dave Holder, Redwood City

SAN LEANDRO

DWELLINGS (1-story 6-room) (10), $5600; 873, 877, 824, 846, 860, 910, 936 Sybil Ave; 1909 Lincoln Way; 935 Maud Ave; 1917 Evergreen; owner and builder, Valley & Lincoln, 1901 Foothill Blvd, San Leandro.

DWELLINGS (1-story 5-room) (5), $5600 each; 1912 Linwood Way; 1907 Evergreen; 834, 864, 872 Sybil Ave; owner and builder, Valley & Lincoln, 1901 Foothill Blvd, San Leandro.

SAN JOSE

RESIDENCE, $3610; Villa; owner, Gripenstraw & Cunningham, 744 Villa; builder, Ralph Richmond, 1807 Lincoln Ave.

REPAIR RESIDENCE ,$2500; S 11th St; owner, Charles Page, 705 S 11th St; builder, Al Bolei, 154 Vine St.

OFFICE BUILDING, $1000; Auzerais Ave; owner and builder, Five-C Refining Co, 897 Auzerais Ave.

ALTERATIONS and GARAGE $1000; N 25th St; owner and builder, Paul W Boston, 55 N 25th St.

ADD TO BUILDING, $18,000; Lenzen; owner and builder, Le Deit Glass Co, 762 Lenzen, Box 645, San Jose.

RESIDENCE, $8500; Bird Ave; owner, M Engle, 1374 Bird Ave; builder, Joseph Puma.

ADD TO BUILDING, $1500; George St; owner and builder, C L Kelley, 72 George St.

RESIDENCE, $9000; Naglee Ave; owner, Jessie M Cryan, 1941 Naglee Ave; builder, Steve Voykovich.

GARAGE, $13,000; Prevost; owner, John Orlando, 348 Prevost; builder, Earl W Heple.

REPAIR BUILDING, $1000; S 2nd St; owner, A P Zilder, 168 S 2nd St; builder, Paul N Parker.

BUILDING and RESIDENCE, $12,000; Spring St; owner, Manuel Sousa, 898 Spring St.

ADD TO BUILDING, $8000; S 2nd St; owner and builder, Leo Sumoni.

RESIDENCE, $3500; Seymour; owner and builder, Philip C Aiello, 340 Seymour.

ADD TO BUILDING, $9000; W Julian St; owner, San Jose Casket Co, 612 W Julian St; builder, Pasetta Construction Co, 2390 Park Ave, Santa Clara.

ALTER BUILDING, $20,000; Park Ave; owner, Pacific Truck Co, 600 Park Ave; builder, Bert P Ward & Son, 1245 Lincoln Ave, San Jose.

RESIDENCE, $7000; Ayer Ave; owner, Stokas, 129 Ayer; builder, J Puma.

ALTER BUILDING, $9000; S 2nd St; owner, Karl Marten, 7 S 2nd St; builder, G M Latta, 157 Rhodes Ave, San Jose.

ALTER BUILDING, $10,000; W Santa Clara; owner and builder, Al Camastro, 246 W Santa Clara.

RESIDENCE, $7500; Broadway Ave; owner and builder, R D Thurman, 1085 Broadway Ave.

RESIDENCE, $4000; Belmont Way; owner and builder, M D Bigelow, 415 Belmont Way.

BUILDING, $57,800; S 1t St; owner, Hartman Bros, 846 S 1st St; builder, Earl W Heple, 494 Delmas Ave, San Jose.

ALTER BUILDING, $16,000; Bassett St; owner, Food Machinery Corp, 311 Bassett St; builder, Bert P Ward & Son, 1245 Lincoln Ave, San Jose.

SAN MATEO COUNTY (Unincorporated)

RESIDENCE, $10,000; Block 308, Lakemeade Way, Highlands of Emerald Lake; owner and bulder, Clayton Buckley, Redwood City.

RESIDENCE, $10,000; Lot 2, Woodside Rd, East Greenwood Tract; owner and builder, C J Sundin, 3061 Oakdale Way, Redwood City.

2 APARTMENTS, $11,000; Block 1, Geneva Ave, Schwerin Addition; owners and builders, Peter and Frank Scatena, 1265 Clayton Dr, San Francisco.

RESIDENCE, $5000; Block 15, Capitol Ave, Woodland Place; owner and builder, D L Chew, P O Box 307, Belmont.

PACKING HOUSE, $5000; Block 12, Allemany St, Schoolhouse Homestead, Colma; owner and builder, Orlando Despartl, Rainier St, Colma

CHICKEN HOUSE, $1000; Block A, A St, Country Club Park; owner and builder, Carl B Carstens, Colma

Plumbing Permits

BERKELEY

27304 2608 Sacramento; owner, Miekerson; dealer, Edw Luebs; sink.

27305 1641 Allston; owner, ...; dealer, Neal & Sons; water closet; bath tub.

27306 2204 Roosevelt; owner, ...; dealer, W A Bohan; water closet; wash basin; shower.

27307 1616 Cedar; owner, B Root; dealer, W MacMillan; water closet; shower.

27308 2807 Shattuck; owner, Paulsen; dealer, W MacMillan; 4 water closets; 4 wash basins; 4 bath tubs; 4 sinks.

27309 1603 Parker; owner, A Stone; dealer, W MacMillan; water closet; wash basin; bath tub; sknl; wash tub.

27310 1636 Channing; owner, M B Grass; dealer, W MacMillan; water closet; wash basin; bath tub; sink; wash tub.

27311 1342 Grizzly Peak; owner, Van Mehr; dealer, W MacMillan; water closet; wash basin; bath tub; sink; wash tub

27312 1325 Haskell; owner, Harrison; dealer, W MacMillan; water closet.

27313 1531 Shattuck; owner, MacFarland; dealer, W MacMillan; water closet; wash basin; bath tub; sink.

27314 2217 Dwight; owner, J Wilson; dealer, W MacMillan; water closet; wash basin; bath tub; sink.

BUILDING CONTRACTS

SAN MATEO COUNTY

NEAR BELMONT, San Mateo Co., Calif.

Construction of a 2-story reinforced concrete building, Class B.

Owner—Press Wireless, Inc., 814 Mission St., San Francisco.

Architect—William G. Merchant, Rm. 804, 57 Post St., San Francisco.

Contractor—H. H. Larsen Co., 64 South Park St., San Francisco.

Signed—January 28, 1946.

Recorded—February 14, 1946.

Payments:

10th of each month 75%

35 days after completion 25%

TOTAL, $59,632

Bond, $59,632; cureties, Fidelity & Deposit Co. of Maryland; limit, 180 calendar days; specifications and plans filed.

Furnace Permits

OAKLAND

7850 Olive St; owner, Painter; dealer, California Furnace Co; floor.

296 Jayne; owner, Biddle; dealer, California Furnace Co; floor.

1342 60th St; owner, Schmidt; dealer, California Furnace Co; floor.

6517 Flora; owner, Dean; dealer, California Furnace Co; floor.

456 Van Buren; owner, Sulkey; dealer, Holbrooks; central.

1626 103rd Ave; owner, Van Ness; dealer, Harer Furnace Co; floor.

3907 35th Ave; owner, Pichimin; dealer, Harer Furnace Co; floor.

3909 35th Ave; owner, Pichimin; dealer, Harer Furnace Co; floor.

2730 Monticello; owner, Robinson; dealer, Walter Mork; floor.

1933 83rd Ave; owner, Welch; dealer, California Furnace Co; floor.

4007 Brown Ave; owner, Alders; dealer, Atlas Htg & Vent Co; central furnace.

356 Warwick; owner, Bethel; dealer, Atlas Htg & Vent Co; floor.

1903 Asilomar; owner, Johnson; dealer, Harer Furnace Co; central.

448 Elwood; owner, J F Town; dealer, Harer Furnace Co; floor.

1632 103rd Ave; owner, Van Ness; dealer, Harer Furnace Co; floor.

400 Burlwood; owner, Frazier; dealer, Bay Cities Htg & Vent Co; floor furnace.

644 Longridge Rd; owner, Kittrell; dealer, Atlas Htg & Vent Co; central furnace.

4416 Piedmont Ave; owner, Maccurio; dealer, Atlas Htg & Vent Co; central.

439 23rd St; owner, Boklen; dealer, Atlas Htg & Vent Co; central.

2626 94th Ave; owner, Cornello; dealer, Atlas Htg & Vent Co; central furnace.

1314 95th Ave; owner, M Gurall; dealer, Gernhardt - Strohmaier Co; floor.

11 Moss Ave; owner, E M Jellison; dealer, Gernhardt - Strohmaier Co; floor.

2820 Frazier; owner and dealer, Glen E Burney; floor.

1329 99th Ave; owner, J A Freitas; dealer, East Bay Sheet Metal Co; central furnace.

1200 103rd Ave; owner, Tilley; dealer, Bay Cities Htg & Vent Co; floor.

Completion Notices

SAN FRANCISCO

Recorded Accepted

Feb. 19, 1946—1021-27-33-39 and 1045 Girard. Geo P Belcher to whom it may concern .... Feb. 19, 1946

Feb. 16, 1946—S Teresita Blvd 275 E Verna E 8.111 E on curve 16.094 S 99.379 W 25 N 100 ptn Block 3032-A, Miraloma Park. Meyer Construction Co to whom it may concern .... Feb. 11, 1946

Feb. 16, 1946—S Teresita Blvd 200 E Verna E 25 x S 100 ptn Block 3032-A, Miraloma Park. Meyer Construction Co .... Feb. 11, 1946

Feb. 16, 1946—S Teresita Blvd 150, 175, 225, 250 E Verna E 25 x S 100 ptn Block 3032-A, Miraloma Park. Meyer Construction Co to whom it may concern.

ALAMEDA COUNTY

Recorded Accepted

Feb 19, 1946—229 BEST AVE, San Leandro. Horace A Lopez to Chas Wooldridge ....

Feb 19, 1946—221 BEST AVE, San Leandro. Victor Geschwind to Chas Wooldridge .... Feb 14, 1946

SAN MATEO COUNTY

Recorded Accepted

Feb. 11, 1946—Ptn Lots 5 and 6, Block 5, Felton Gables, Menlo Park. Robert S and Evelyn Y Mee to M F Conwell Building Co .... Feb. 7, 1946

Feb. 11, 1946—Ptn Lot 1, ptn Lot 2, McAcker Terrace, San Mateo. E Ransom Fox and Harry R Carskadon to Wilfred H May .... Feb. 11, 1946

Feb. 11, 1946—Lot 1, Block 4, Terrace Gardens, San Mateo. W W Holden to whom it may concern .... Feb. 8, 1946

Feb. 11, 1946—Westerly 20 ft of Lot 4 and easterly 20 ft of Lot 5, Block 94, Plat of South San Francisco; westerly 30 ft of Lot 5 and easterly 10 ft of Lot 6, Block 94, Plat of South San Francisco. James W and Ruth L McCabe to whom it may concern ... Feb. 6, 1946

Feb. 13, 1946—Lots 19 and 20, Block 1, Bell Tract, San Mateo. Alta and E J Murphy to Cunningham Construction Co .... Jan. 31, 1946

Feb. 13, 1946—Lot 42, The Willows Map No 3. Benjamin D and Celia Morrison to Dulleck Bros .... Feb. 5, 1946

Feb. 13, 1946—Ptn Lots 26 and 27, Block 1, Map of Cooperative Land & Trust Co Tract, Subdivision 1 of North Palo Alto. Otto A and Olivia A Maunula to Aro & Okerman .... Feb. 8, 1946

Feb. 13, 1946—Southeasterly 65 ft Lot 15, Map of Resubdivision of lots in Beresford Park No 3. Lucy M Potter to Irving Caster .... Feb. 11, 1946

Feb. 13, 1946—Lot 3, Block 45, White Oaks Subdivision No 4, also known as 1449 Chestnut St, San Carlos. Robert E and Mae H Allen to selves .... Feb. 11, 1946

Feb. 13, 1946—Property located in Woodside, San Mateo County, upon which is situated the Woodside School. Board of Trustees, Greersburg School Dist., Woodside, to C H Bessett Building Co .... Feb. 4, 1946

Feb. 14, 1946—Northeasterly ½ of Lot 17, Block B, Fair Oaks Acres, San Mateo. Frank A and Rosella De Patta to selves .... Feb. 11, 1946

Feb. 14, 1946—Lot 8, Merrill Manor, Atherton. Carl and Edith Dell-Aquila to whom it may concern .... Feb. 11, 1946

Feb. 14, 1946—NE 40 ft of Lot 14, Block 18, Oak Park, San Carlos, also known as 1908 Howard. Edna L McMorris to H V Cowan .... Feb. 14, 1946

Feb. 14, 1946—Lots 10, 11, 12 and 15, Block 6, Town of Beresford No 1. James H and Eula Green Arthur to Geo Arthur & Sons ... Feb. 11, 1946

Feb. 14, 1946—6-room dwelling on Lot 9, Block 2, Laurel Park Unit No 1, 3932 Colegrove Ave, San Mateo. Oliver C and Mary E Moroney to selves .... Feb. 14, 1946

Feb. 14, 1946—5-room dwelling on Lot 10, Block 2, Laurel Park Unit No 1, 3929 Colegrove Ave, San Mateo. Oliver C and Mary E Moroney to selves .... Feb. 14, 1946

Feb. 15, 1946—Lot 16, Block 4, Burlingame Village, Burlingame. C D and Hazel A Brown to A Meurer .... Feb. 11, 1946

Feb. 15, 1946—Resurfacing driveway near Southern Pacific Co's yard office at Bayshore Station. Southern Pacific Co to Pacific Pavements Co .... Feb. 11, 1946

Feb. 16, 1946—Lot 5, Block 22, San Mateo Terrace No 7. Andrew J Gawley to whom it may concern .... Feb. 14, 1946

Feb. 16, 1946—Lot 13, Block 23, San Mateo Terrace Map No 7. Andrew J Gawley to whom it may concern .... Feb. 14, 1946

Feb. 16, 1946—Lot 6, Division of Lots 93-94, San Mateo City Homestead, San Mateo. Louis S Morton to Baker & Morton .... Feb. 15, 1946

Feb. 16, 1945—Lots 23 and 24, Block 2, Bayciew Heights, Belmont. Louis S Morton to Baker & Morton .... Feb. 15, 1946

Feb. 16, 1946—Lots 33-34, Block 2, Bayview Heights, Belmont. Louis S Morton to Baker & Morton .... Feb. 15, 1946

Feb. 16, 1946—2560 El Camino Real, Redwood City. Archie Klang to Baker & Morton .... Feb 15, 1946

Feb. 16, 1946—West ½ Lot 3, Beresford Park, San Mateo. Harley B Manfull to Baker & Morton .... Feb. 16, 1946

Feb. 16, 1946—Lots 29 and 30, Block 2, Bay View Heights, Belmont. Louis S Morton to Baker & Morton .... Feb. 16, 1946

Non-Responsibility

SAN FRANCISCO

Feb. 19, 1946—1633-37 Market St. California Contract Co as to improvements on property.

Release of Liens

ALAMEDA COUNTY

Recorded Amount

Feb 15, 1946—LOT 9 Blk D, Santa Fe Tr, Oakland. Suendermann Co to Louis L and Margaret J Knappenberger, Jos A Sheerin, Jr $504.60

CONTRA COSTA COUNTY

Recorded Amount

Feb. 2, 1946—Ptn of Rancho Acalanes, containing 0.50 acre, near Lafayette. Rigney Tile Co to Robert L Chambers, et al $408.00

Feb. 11, 1946—Ptn of Rancho Acalanes, contining 3.07 acres, near Lafayette. Lewis Construction Co to Ogden Kiesel, et al $5,873.86

Feb. 15, 1946—1.16 acre parsel in Rancho Canada del Hambre y Los Bolsas, near Lafayette. Chas Edward Daly to John L Parker, et al $4,849.00

Feb. 15, 1946—1.16 acre parcel in Rancho Canada del Hambre y Los Bolsas, near Lafayette. A L Stockton Lumber Co to John L Parker, et al $1,993.97

Liens Filed

SAN MATEO COUNTY

Recorded Amount

Feb. 14, 1946—Lots 18 and 19, Redwood Villa Park. Richard W and Albert C Dulleck vs Roy and Jane Doe Cleveland $383.00

ALAMEDA COUNTY

Recorded Amount

Feb 18, 1946—LOT 25 Blk 9, and ptn Blks 3 and 8, Thousand Oak Heights Addn. J B Brockman vs G T Wilks $187.50

Feb 15, 1946—LOT 10 Blk Y, Toler Heights, Oakland. S F Perry vs Lawrence J and Georgia Rothman $185.15

CONTRA COSTA COUNTY

Recorded Amount

Feb. 4, 1946—Lot 290, Haciendas del Orinda, Orinda. Robert J Maddock vs August J Pene, et al ... $104.00

Feb. 4, 1946—Lot 108, Moraga Woodlands, Unit No 2, near Orinda. Oliver De Silva vs Curley A Wright, et al $205.50

Feb. 7, 1946—Ptn of Rancho San Ramon near Danville. Tony Jacobon vs W F Campbell, et al ... $947.00

Prospective Bidders

Store Building 469-479 University Ave., Palo Alto, Calif.

BIDS: Architect Leslie I. Nichols, 156 University Ave., Palo Alto, Feb. 23, Noon.

Nichols White, Inc., 156 University Ave., Palo Alto.

Wells P. Goodenough, 49 Wells Ave., Palo Alto.

Renett Construction Co., 931 Menlo Oak Dr., Menlo Park.

Oregon Residence, San Anselmo, Calif.

BIDS: San Francisco Theological Seminary, San Anselm, February 21, 3 P. M. Plans by Architect James H. Mitchell, 407 Sansome St., San Francisco.

B. & R. Construction Co., 268 Market St., San Francisco.

D. B Ferrero, 31 Belle Ave., San Anselmo.

Litchfield Construction Co., 721 Francisco Blvd., San Rafael.

Peter Sartorio, 262 Clementina St., San Francisco.

S. J. Amoroso Construction Co., 2100 Oakdale Ave., San Francisco.

Store Building, Berkeley

BIDS: University YMCA, Berkeley, c/o Architects Miller & Warnecke, Financial Center Bldg., Oakland, February 26, 2 P. M.

Erbentraut & Summers, 446 Sixth St., San Francisco.

Parker, Steffens and Pearce, 135 South Park, San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco.

Stolte, Inc., 8451 San Leandro St., Oakland.

Ed Stahl.

John M. Bartlett, 1706 Parker St., Berkeley.

Anderson & Hagland, Inc., 219 41st St., Oakland (OLympic 9103).

Store Building, Broderick Street, Oakland, Calif.

BIDS: Architects Miller & Warnecke, Financial Center Bldg., Oakland, February 26, 2 P. M.

Erbentraut & Summers, 446 Sixth St., San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco.

Parker, Steffens and Pearce, 135 South Park, San Francisco.

Stolte, Inc., 8451 San Leandro St., Oakland.

John M. Bartlett, 1706 Parker St., Berkeley.

Empire Constr. Co., Ltd., 344 Harriet St., San Francisco.

Ed Stahl.

Anderson & Hagland, Inc., 219 41st St., Oakland (OLympic 9103).

Richland Elementary School, Shafter, Kern County, Calif.

BIDS: Richland Elementary School District, Shafter, Feb. 27, 7:30 P. M. Plans prepared by Architect Ernest J. Kump Co., 251 Kearny St., San Francisco.

L. H. Hansen & Sons, 313 Palm Ave., Fresno.

A. J. Hendricks, Route 3, Box 205, Bakersfield.

Guy E. Hall, 1826 30th St., Bakersfield.

M. J. King, Inc., 231 Franklin St., San Francisco.

Jas. I. Barnes Constr. Co., 941 Russ Bldg., San Francisco.

Rademann-Giusto, 49 Ringold St., San Francisco.

Fast & Van Natta, 10522 Dalerose Ave., Inglewood, Calif.

Electrical Permits

SAN FRANCISCO

8834 350 Union St; owner, ...; contractor, Crown Elec Co; 3 plugs.

8835 1932 Irving St; owner, ...; contractor, Crown Elec Co; 20 outlets; 5 switches; 3 plugs.

8836 133 West Portal Ave; owner, general contractor, Henry Aria; contractor, Crown Elec Co; 20 outlets; 5 switches; 3 plugs.

8837-8 1057-61 Buchanan St; owner, Higgins; contractor, Byington El Co;

8839 1103 Golden Gate Avenue; owner, Higgins; contractor, Byington Elec; service.

8840 51 2nd St; owner, Bass; contractor, Casey Elec; 10 outlets; three plugs.

8841 286 4th St; owner, ...; contractor, Frank F Goodman; serv.

8842 2301 23rd St; owner, ...; contractor, Frank F Goodman; two plugs.

8843 770 Mission St; owner, ...; contractor, Frank F. Goodman; eight outlets.

8844 2101 Market St; owner, ...; contractor, Frank F Goodman; 12 outlets; 10 plugs.

8845 2580 Harrison St; owner, ...; contractor, Frank F Goodman; ....

8846 2765 16th St; owner, Trailer Co; contractor, Frank F Goodman; 8 outlets.

8847 NE 16th St. corner Bryant; owner, Seals Stadium; contractor, Frank F Goodman; 8 outlets; three switches.

8848 89 Colonial Way; owner, Rudisell; contractor, Edison Electric Constr Co; service.

8849 2497 San Bruno Ave; owner, Dr Jos Shapiro; contractor, Rodiack Elec Constr Co; ....

8850 537 Clay St; owner, Paladini Realty Co; contractor, Rodiack Elec Constr Co; 4 outlets; 3 switches.

8851 1100 McAllister St; owner, Ukraine Bakery; contractor, Pacific Elec Constr Co; service; motors.

8852 2460 Missino St; owner, Dongal; contractor, Pacific Elec Constr Co; alterations.

8853 E 46th Ave 350 S Moraga; owner, Pacific Coast Constr Co; contractor, B J Doherty; ....

8854-9 2358-54-50-46-42-38 43rd Avenue; owner, Pacific Coast Constr Co; contractor, B J Doherty; 12 outlets; 11 switches; 15 plugs; service.

8860 50 Rickard; owner, Robert McCarthy Co; contractor, B J Doherty; motors.

8861-4 Various locations and owners; contractor, Wonderlite Neon Products Co; signs.

8865 45th Ave and Ortega; owner, Geo P Belcher; contractor, Arc Elec Co; ....

8866 W Sawyer 400 S Sunnydale; owner, Sbarboro & Jorgensen; contractor, Arc Elec Co; ....

8867 E Hahn 150 S Sunnydale; owner, Sbarboro & Jorgensen; contractor, Arc Elec Co; ....

8868 136 Mt Vernon; owner, F C Frank and Vignati; contractor, Arc Elec Co; 9 outlets; 9 switches; 12 plugs.

8869 701 Delano; owner, F C Frank and Vignati; contractor, Arc Elec Co; 9 outlets; 9 switches; 12 plugs.

8870 604 Geneva Ave; owner, F C Frank and Vignati; contractor, Arc Elec Co; 9 outlets; 9 switches; 12 plugs.

8871 5503 3rd St; owner, Ranconi; contractor, Arc Elec Co; ....

8872 909 Hyde St; owner, Dr Grant Morrow; contractor, Sicular X-Ray Co; ....

8873 NW Cor Geary Blvd and 19th Ave; owner, Bank of America; contractor, Geo F Brayer; 27 outlets; 6 switches; 15 plugs; service; motors.

8874 16th and Mission Sts; owner, Lachman Bros; contractor, Century Elec Constr Co; alterations.

8875 1633 Market St; owner, ...; contractor, Century Elec Constr Co; alterations.

8876 2211-14 Scott St; owner, Gass contractor, Century Elec Constr Co; motors.

8877 656 17th Ave; owner, Gass Sheet Metal; contractor, Century El Constr Co; motors.

8878 146 Central Avenue; owner, American Ambulance Co; contractor Century Elec; 2 plugs.

8879 230 California; owner, Rosenberg Bros; contractor, Century Elec; alterations.

8880 3892 Leavenworth St; owner, ...; contractor, Century Elec Co; motors.

8881 1432 Haight St; owner, ...; contractor, Century Elec; alterations.

8882 354 11th Ave; owner, Shumate; contractor, Century Electric Constr Co; 7 outlets; 8 switches; 8 plugs.

8883 SE Cor Jarboe and Peralta; owner, American Adv Co; contractor, Century Elec; ....

8884 Cancelled.

8885 1349 Grant Ave; owner, G Pardini; contractor, Northern Elec Co; 2 plugs.

8886 17 Marlin St; owner, Bell; contractor, Manning & Whitaker; 4 outlets.

8887 974 Hudson; owner, F R Byfield; contractor, Freeman Byfield; service.

8888 108 Ellis St; owner, Ursino; contractor, Lynch Elec; 2 outlets; 1 switch.

8889 64 Taraval; owner, De Luca & Sons; contractor, Lynch Electric; alterations.

8890 N W cor Balboa and 37th Ave; owner, Shell Oil; contractor, Lynch Electric; 1 outlet.

8891 3234 Washington St; owner, Schnell; contractor, Eureka Electric; 12 outlets; 6 switches; 8 plugs; service; alterations.

8892 NE cor 36th and Ortega; owner, Morton Rude; contractor, Assoc Elect & Mech Co; ....

8893 893 Mission St; owner, Marlo; contractor, Malm & Welter; 2 outlets.

8894 987 Embarcadero; owner, North Star; contractor, Malm & Welter; 3 outlets; 1 switch; 2 plugs; motors.

8895 39 Grant Ave; owner, Scanlon; contractor, Malm & Welter; alterations.

8896 206 California; owner, Vogue Barber Shop; contractor, Malm & Welter; 3 plugs.

8897 1 Sansome St; owner, Anglo Bank; contractor, Buzzell Electric; 23 outlets.

8898-8909 Various locations and owners; contractor, Neon Mtce Corp; signs.

8909 2405 Keith; owner, Bauer Coop Co; contractor, Enterprice Electric; 6 outlets; 1 plug; service.

8910 3062 Franklin; owner, E L Stevens; contractor, Liberty Electric; service.

8911 1456 Clayton; owner, Dailey; contractor, M Schimetschek; 14 outlets; 13 switches; 10 plugs.

8912 2290 Mission; owner, J Ciatti; contractor, M Schimetschek; alterations.

8913 51 Flood St; owner, Hansen; contractor, M Schimetschek; 9 outlets; 10 switches; 12 plugs.

8914-20 34, 38, 42, 78, 82, 86, 90 Staples St; owner, Hansen; contractor, M Schimetschek; 9 outlets; 10 switches; 12 plugs.

8921 246 Eddy St; owner, Frank Jacob; contractor, M Schimetschek; ....

8922 554 Munich; owner, G H Dusto; contractor, G H Dusto; ....

8923 675 Bush St; owner, Cherries; contractor, Malm & Welter; motors.

8924 4085 24th St; owner, Smith's Store; contractor, Atlas Elect & Eng Co; 10 outlets; 3 switches; 2 plugs.

8925 471 Arguello Blvd; owner, De Vilbiss Co; contractor, Atlas Elect & Eng Co; 6 outlets; 1 switch; motors.

8926 55 Duboce Ave; owner, Milprint Co; contractor, Atlas Elect & Eng Co; motors.

8927 Geary at Divisadero Sts; owner, Sinai Memorial Chapel; contractor, Atlas Elect & Eng Co; 3 outlets; 1 switch; motors.

8928 351 8th St; owner, Multiphase Inc; contractor, Atlas Elect & Eng Co; 42 outlets; 13 switches; 46 plugs.

OAKLAND

35628 2nd and Market; owner, National Ice Co; contractor, Spott Electrical Co; outlets; fixtures.

35629 9010 E 14th St; owner, Oak Knoll Coffee Shop; contractor, Spott Electrical; plugs.

35630 226 8th St; owner, Frank Gottstein; contractor, Spott Electrical; separate wiring to place two meters.

38631 6029 Hillegass; owner, Mrs Charles Watkins; contractor, Spott Electrical; fixtures; plugs; alterations.

35632 2206 Grove St; owner, Hope & Carmen's Restaurant; contractor, Manning & Whitaker; sign.

35633 E & M Market; owner, 606 Fallon St; contractor, Manning & Whitaker; sign.

35634 76 10th St; owner, Oak Food Center; contractor, Manning & Whitaker; sign.

35635 2115 San Pablo; owner, Charley & Jean's; contractor, Manning & Whitaker; sign.

35636 5th and Washington Sts; owner, Malono's; contractor, Manning & Whitaker; sign.

35637 1109 Cypress St; owner, Tourist Inn; contractor, Manning & Whitaker; sign.

35638 3903 Park Blvd; owner, Mr Roper; contractor, Piedmont Electric; 2 outlets; 1 switch; 4 plugs.

35639 720 Washington St; owner, R & A Liquor; contractor, C A Langlais; 8 fixtures

BERKELEY

609 2362 Ashby; owner, ...; contractor, Scott-Buttner; 1 motor.

610 953 Ventura; owner, ...; contractor, Atlas Heating; 1 motor.

611 1212 Carlton; owner, ...; contractor, Atlas Heating; 1 motor.

612 875 Arlington; owner, ...; contractor, Atlas Heating; 1 motor.

613 78 El Camino; owner, ...; contractor, Atlas Heating; 1 motor.

614 1224 Haskill; owner, ...; contractor, California Furnace Co; 1 motor.

615 2824 Russell St; owner, H T Dodge; contractor, White Electric; 8 outlets; 3 switches; 6 plugs.

616 2021 Channing; owner, Chas D Jarrett; contractor, White Electric; 9 outlets; 6 switches; 12 plugs; 4 circuits.

617 1005 Sierra; owner, ...; contractor, White Electric; new service.

618 2035 Blake St; owner, F W Pusey; contractor, White Electric; 3 plugs; 3 circuits; 12 motors.

619 1510 Walnut; owner, ...; contractor, White Electric; heater.

610 2220 Fulton; owner, I O O F; contractor, White Electric; 31 outlets; 10 switches; 31 fixtures; 18 plugs; 5 circuits.

621 2436 Durant; owner, H F Austin; contractor, White Electric; 4 outlets; 7 switches; 4 fixtures; 13 plugs; 3 circuits.

622 1418 Grant; owner, ...; contractor, Jones Electric; 2 fixtures.

623 1522 Spruce; owner, T Schultz; contractor, Preston Jones; 12 fixtures.

624 Yacht Harbor, Eastshore; owner, City of Berkeley; contractor Preston Jones; 1 outlets; 1 fixture; 1 plug; new service; 2 circuits.

625 2807 Shattuck; owner, G Paulson; contractor, Jones Electric; 8 outlets; 8 switches; 8 fixtures; 12 plugs; 4 circuits.

626 943 Bancroft Ave; owner, J D Banks; contractor, Jones Electric; 5 fixtures.

627 200 Fairlawn; owner, C H Catlier; contractor, Jones Electric; 14 fixtures.

628 3136 Eton Ct; owner ,..........; contractor, Jones Electric; 4 plugs; 6 circuits.

U. S. Steel

(Continued from Page 1)

worth of goods and services which we purchase from others. We estimate that the result of this wage increase of 18-½ cents an hour to our steel workers, when all of the various cost factors are taken into account, will be to increase our costs to the extent of approximately $100,000,000 during the life of these extended contracts. This amount is in excess of what we will realize from a steel price increase of $5 a ton.

"The Government has directed the Price Administrator to review steel ceiling prices on the basis of reports of not less than three months' operating experience, and, if necessary, then to adjust such prices in the light of such experience. Heretofore, an operating experience of six months has been prescribed.

"A marked increase in productivity, and with it higher efficiency and lower production costs, are essential of the economy of this nation is to produce the necessary jobs and prosperity which we all seek. I therefore appeal to all of our employees to return to their jobs determined to turn out a record tonnage of steel through loyal and effective cooperation with management. Let all of us work together to attain real industrial peace and the highest possible level of substained and efficient production during the important months that lie ahead."

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Fifty-sixth Year—Vol. 56—No. 37 | SAN FRANCISCO, THURSDAY, FEBRUARY 21, 1946 | PRICE 15 CENTS PER COPY

PLANS and Speculations

San Francisco: The Board of Education this week voted to purchase a site in old Calvary Cemetery near Masonic Ave. and Turk St. for the new Fremont School, appropriated $80,000 to purchase land adjoining the San Francisco Junior College from the Park Department for veterans housing, and rejected a proposal to build classroom annexes at Lincoln High School.

oOo

Hughson: Voters last week approved 233 to 4 the formation of a sanitary district and at the same time, elected five members of the governing board and an assessor. The board will survey the sanitary situation there and will decide and select the best type of sewage system for the community, estimate the cost, etc. Following this, it will call a bond election.

oOo

Mt. Shasta: Development of an all-season play area in the Castle Lake area of Mt. Shasta is being considered, according to Norman J. Farrell, supervisor of the Shasta National Forest. Farrell said, however, that realigning and resurfacing of the Mt. Shasta Everitt Memorial Highway would cost approximately $600,000 and that money for the project is not now available.

oOo

Gilroy: Approximately $30,000 of accumulated gas tax money will be spent to surface many unimproved streets within the city limits. The city council has directed the City Engineer to make the preliminary survey of all streets needing repairs and prepare the necessary papers for calling for bids.

N. Y. Apartment Projects To Install Personalized Heating

Personalized heating controls, the new system which makes it possible for each tenant to regulate the temperature of his own apartment, will be introduced to New York apartment dwellers for the first time in four new projects to be built this year by City Investing Company, one of the largest real estate holding concerns in Manhattan.

The apartment buildings, among the first to be constructed in Manhattan since the war, will contain numerous improvements to give private home comfort to occupants of multiple dwelling units. Robert W. Dowling, president of City Investing, said the central theme of the design and construction emphasized home-like conveniences.

In keeping wtih this trend, the personalized heating controls, developed by Minneapolis-Honeywell Regulator Company, make it possible for each occupant to select the temperature he prefers. thru an individual thermostat operating a motorized valve which regulates the amount of heat delivered to each apartment. In addition to

(Continued on Page Eight)

World's Largest Concrete Press Pit Under Construction

The world's largest concrete press pit, larger than any ever built before, is being constructed at the Hamilton, Ohio, plant of the Fisher Body Division of General Motors.

It is, in effect, a mammoth land "battleship", not a ship to sail the seas but one firmly anchored in terra firma for peacetime production of automobile bodies.

The press pit section of the plant is 800 feet long, 160 feet wide and 20 feet deep. In construction it is a vertiable reinforced concrete, watertight, self-contained "ship". It will hold more than 100 presses, some of them weighing as much as a million pounds and capable of stamping out turret tops for Bodies by Fisher in a single blow.

The pit is constructed in ten unit pours of concrete in the bottom mat which is 36 inches thick. Structural requirements make it necessary that the concrete be poured out as nearly as possible in an unbroken flow, and this pouring alone requires 17 days. The huge concrete slab must then be kept wet for approximately seven days to control the rate of setting.

The 36-inch slab rests on a waterproofing asphalt membrans, which in turn is laid upon a 4-inch concrete mud mat. Thus the huge concrete "ship" in effect "floats" upon the soil.

Heavy cantilever reinforced concrete walls form the sides. Regularly spaced concrete piers on the inside serve to hold strong steel girders which later will be placed on top of them to make a runway for three - dimensional adjustable girders. The latter will make it possible to move at will, in a matter of minutes, huge presses weighing 500 tons. In the past, weeks or months might be required to move such presses.

Removable laminated floor panels of pecan wood will surround the presses to allow complete freedom of adjustment and movement.

This enormous construction job requires 24,000 cubic yards of concrete. It was necessary for the contractor to build a complete concrete mixing plant on the site to accomplish the work at the uninterrupted speed required. From the mixing plant the concrete is pumped through an 8-inch metal

(Continued on Page Eight)

GROOVER AND I

OPEN LETTER TO THE MAYOR

Mayor Roger D. Lapham,
City of San Francisco.
Dear Mr. Mayor:

Even though the cards were stacked against you, you made a good pitch in trying to get the UNO permanent site located here in our City of Saint Francis of Assisi. Don't worry. Relax and let the matter jell for a while. **Subject it to the old "cooling-off period" with which you are so familiar.**

* * *

UNO is just an infant. It is now trying to take its first toddling steps. We hope it has a long life ahead. During its lifetime, it will doubtless make mistakes. Through experience, and turning hindsight into foresight, it is hoped that insofar as possible, these mistakes will be corrected.

* * *

Perhaps the rejection of San Francisco as a permanent home by UNO was its first mistake. Let us give it a chance to get it's breath and it may realize and correct this mistake. There is a lot of water yet to go over the dam.

* * *

New York has been selected as the interim home. Time will run into years before the permanent homesite can be completely cleared and buildings constructed. **Much can happen in this time—if we help it happen.**

* * *

For the next two years let UNO sweat and swelter, freeze and shiver, in its temporary New York home. At the same time let us do a little "needling" of the members. In a nice sort of way, and without appearing over-anxious, let us gently rub salt into the wound.

* * *

During the sweltering, sweating days of summer, we might mail to the members, pictures of vacation spots along our beaches and near the snowline of the high Sierras, and articles about our fog-conditioned climate. During the freeze and slush of winter, we could mail them descriptive matter of our all-year climate, complete with palm trees, parks and two-piece play suits.

* * *

An ideal thing to send would be an artistically prepared reprint of "San Francisco", by George Sessions Perry, appearing in the February 16th issue of the Saturday Evening Post. This article, more than anything else recently appearing in print, indirectly tells why San Francisco should be the permanent home of UNO.

* * *

We speak of San Francisco as being an ideal home for the United Nations Organization. **Mr. Mayor, for nearly one hundred years, San Francisco has been a United Nations Organization!** San Francisco has more of an International character than can be found anywhere else in the world within anything approaching the same area—and you might leave out that part about the area.

* * *

UNO wants to discover the secret of different nationalities living together in peace and harmony. **In San Francisco they have been doing that for longer than the memory of the oldest inhabitant.** Russian, German, French, Spanish, Italian and Chinese—shall I name more of them? There are 38 different Nations listed among the Consular Representatives in our 'phone book.

* * *

Where else can you find these groups maintaining their own identity, yet overlapping and blending into one people—Chinese eating Italian salami and speaking French!

* * *

San Franciso has all of what other cities each have a part. San Francisco is the romance and glamour, the hospitality, tradition and the open welcome of the West. Further, **it is something more indefinable: It is San Francisco!**

* * *

Let's quit "reaching", Mr. Mayor. Let us revert to the traditional San Francisco way and let the people of UNO find out these things for themselves. San Francisco has never really wanted to be a city of a million people. It has just wanted to be San Francisco. If other people come here and stay long enough to learn not to say "Frisco", we will take them in and make them welcome. The same applies to UNO.

* * *

During UNCIO, many of these people were "exposed" to San Francisco. It may require some time for it to "take", but during the interim period in New York, they will fail to find the way of gracious living which they found here, and which we take for granted.

* * *

Mr. Mayor, being a San Franciscan is more than a place of abode. It is a way of living—it is a state of mind!

Sincerely,
"Groover".

DEAN J. HUGH JACKSON RECEIVES AWARD

The National Association of Teaching Certified Public Accountants has announced that Dean J. Hugh Jackson of Stanford University, and a past national president of the National Association of Cost Accountants, as well as the San Francisco Chapter, has been awarded "the Diamond Key of NATCPA for 1945", the same being awarded "for distinguished contribution to the literature in the fields of accounting and auditing".

This award is not made for any single written work and is made without any regard as to whether the recipient is a member of the NATCPA or not. Its purpose is to honor scholarship in the fields of accounting and auditing. Three previous awards have been made by the Association—to Professor Harry A. Finney of Northwestern University, to Colonel Robert H. Montgomery of New York, and to Professor Hermann C. Miller of Ohio State University.

#

BUREAU WILL ADD TO SHASTA FORCE

Irving E. Harris, engineer in charge of bureau of reclamation work at Shasta dam, announces that between 100 and 150 men will be added to the field force there by June 30. Additional men will be added during the coming year.

The men will be employed in installing generating equipment at the power plant and dam, and in road work.

Three additional power units are being installed. Two of these are being transferred from Grand Coulee dam in Washington, and parts of one have already arrived. The third is being manufactured in the East.

Harris said approximately 50 freight cars are required to carry parts for each unit.

Chamber Names Manufacturers Committee

Appointment of a Manufacturers Committee to function through the Industrial Department of the San Francisco Chamber of Commerce was announced today by President Brayton Wilbur.

Purpose of the new committee will be to assist manufacturers in solving problems confronting them.

Roland Tognazzini, president of the Union Sugar Company, will serve as chairman of the new group which will have the following membership: Frank P. Adams, attorney; R. A. Balzari, sales analyst; Charles F. Bulotti, C. F. Bulotti Machinery Co.; M. J. Burress, Crane Co.; R. M. Christie, Christie Machine Works; Richard J. Elkus, Mangrum, Holbrook and Elkus; S. G. Fisher, L. & E. Emanuel, Inc.; Horace Guittard, Jr., Guittard Chocolate Co.; J. L. Higley, Otis Elevator Company;

Milton Jellins, Bank of America; Marron Kendrick, Schlage Lock Co.; Max Lowe, California Metal Trades Assn.; Edgar N. Meakin, California Press Manufacturing Co.; C. A. Rolley, Rolley Perfumes; Harold Selig, J. G. Johnson, Inc.; J. L. Stuart, J. L. Stuart Mfg. Co.; A. E. Werolin, McKinsey & Company.

The committee's agenda and objective were considered at its initial meeting this week.

HOLIDAY NOTICE

There will be no issue of the Daily Pacific Builder Friday, Feb. 22, Washington's Birthday.

The next issue will be that of Monday, February 25.

The offices will be closed all day Friday.

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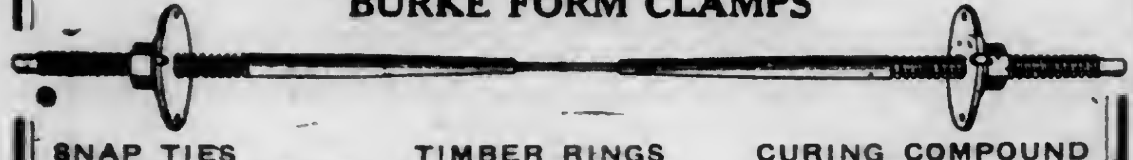

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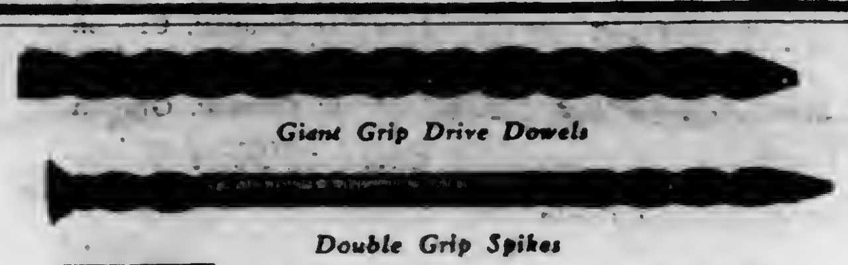

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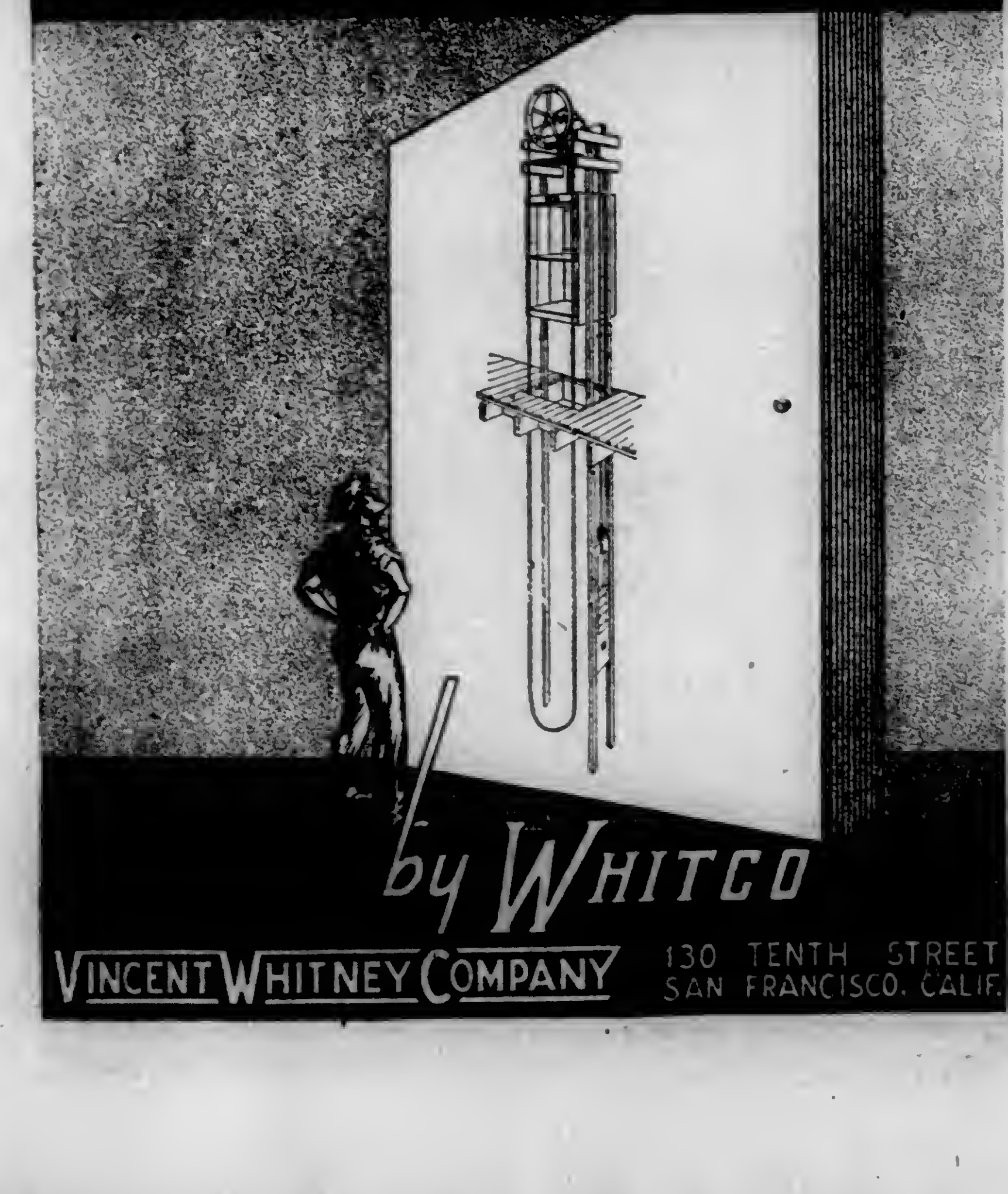

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OFFICIAL PROPOSALS

FIRST PUBLISHED TODAY

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **March 20, 1946**, at which time they will be publicly opened and read in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Lake County, between 1.2 miles north of Rodman, Narrows Road and Route 15 (I-Lak-89-E), a total length of about two (2) miles of highway to be graded and surfaced.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.125
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity)	1.70
Concrete vibrator operator	1.25
Flagman	1.00
Jackhammer operator	1.25
Laborer	1.00
Motor grader operator	1.85
Oil distributor bootman	1.00
Oiler, power shovels or cranes	1.25
Operator of power shovel or other excavting equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.4375
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.3125
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.25
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.0625
Truck driver (less than 4 cubic yards water level capacity)	0.90
Any classification omitted herein not less than	1.00

Overtime—One and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—One and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (see said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
Dated February 21, 1946.
G. T. McCOY,
State Highway Engineer.
(Daily Pacific Builder)
(Feb. 21-Mar 1-8, 1946)

Highway Improvements—Santa Clara County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **March 13, 1946**, at which time they will be publicly opened and read in the Assembly Room of said building for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Santa Clara County, on Bayshore Freeway at Santa Clara Street in the City of San Jose (IV-SC1-68,2-SJs), a separation structure to be constructed and approaches about six-tenths (0.6) mile in length to be graded and surfaced with Portland cement concrete and asphalt concrete on crusher run base.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Skilled Labor	
Asphalt plant dryerman or fireman	$1.40
Asphalt paint mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.50
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity or paving type)	1.70
Electrician	1.70
Mechanical tamper and finisher operator (concrete or asphalt)	1.70
Motor grader operator	1.85
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	2.00
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.25
Pile driver hoistman or operator	1.85
Pile driver man	1.61
Plumber	1.625
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (8 cubic yards water level capacity or more)	1.50
Truck driver (6 cubic yards and less than 8 cubic yards water level capacity)	1.25
Intermediate Grade Labor	
Concrete vibrator operator	1.25
Headerboard man	1.375
Jackhammer operator	1.25
Oil distributor bootman	1.00
Oiler, power shovels or cranes	1.40
Truck driver (4 cubic yards and less than 6 cubic yards water level capacity)	1.10
Truck driver (less than 4 cubic yards water level capacity)	1.00
Unskilled Labor	
Flagman	1.00
Laborer	1.00

Positions not listed above will be allocated in accordance with the definitions which appear in the special provisions, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.25 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.00 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.00 per hour.

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal office or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposal to be done will be financed in whole or in part with Federal funds and that therefore all of the applicable Federal statutes, rules, and regulations will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifcations regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications, regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (See said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated February 15, 1946
(Daily Pacific Builder)
(Feb. 15-21, March 1, 1946)

Highway Improvement—Monterey County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **March 6, 1946**, at which time they will be publicly opened and read, in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Monterey County, between 2 miles south of Salinas and Salinas (V-Mon-2-B), about one and nine-tenths (1.9) miles in length to be graded, paved with asphalt concrete on cement treated base and on existing surfacing, and plant-mixed surfacing to be placed on the shoulders.

Bids are required on the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Skilled Labor	
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.50
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity or paving type)	1.70
Mechanical tamper and finisher operator (concrete or asphalt)	1.70
Motor grader operator	1.85
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.4375
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.3125
Truck driver (8 cubic yards and less than 14 cubic yards water level cpacity)	1.25
Intermediate Grade Labor	
Concrete vibrator operator	1.25
Headerboard man	1.375
Jackhammer operator	1.25
Oil distributor bootman	1.00
Oiler power shovels or cranes	1.25
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.0625
Truck driver (less than 4 cubic yards water level capacity)	0.90
Unskilled Labor	
Flagman	1.00
Laborer	1.00

Positions not listed above will be allocated in accordance with the definitions which appear in the special provisions, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.25 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.00 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.00 per hour.

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, includng overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposed to be done will be financed in whole or in part with Federal funds and that therefore all of the applicable Federal statutes, rules, and regultions will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifications regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications, regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (See said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated February 8, 1946.
(Daily Pacific Builder)
(Feb. 8-15-21, 1946)

Highway Improvement—Alameda Co., in Oakland Between Distribution Structures and Seventh Street.

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **March 6, 1946**, at which time they will be publicly opened and read in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Alameda County, in Oakland, between Distribution Structures and Seventh Street (IV - Ala - 69 - Oak.), about one and four-tenths (1.4) miles in length, to be widened with Portland cement concrete pavement, and existing pavement to be resurfaced with asphalt concrete.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Carpenter	1.75
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity and paving type)	1.70
Concrete vibrator operator	1.25
Flagman	1.0625
Headerboard man	1.375
Jackhammer operator	1.25
Laborer	1.0625
Mechanical tamper and finisher operator (concrete or asphalt)	1.70
Motor grader operator	1.85
Oiler, power shovels or cranes	1.40
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	2.00
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.25
Renforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (8 cubic yards water level capacity or more)	1.625
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Any classification omitted herein not less than	1.0625

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same my be applicble to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans my be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the district in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law. (See said Proposal Requirements and Conditions.)

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated February 8, 1946.
(Daily Pacific Builder)
(Feb. 8-15-21, 1946)

Highway Imp.—Alameda County Bet. Warm Springs and Mission San Jose and Bet. Warm Springs and Centerville.

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p. m. on **March 6, 1946**, at which time they will be publicly opened and read in the Assembly Room of said building, for repairing portions of State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Alameda County, between Warm Springs and Mission San Jose, and between Warm Springs and Centerville (IV-Ala-5,69-C,A) about eight and three-tenths (8.3) miles in length, shoulders to be widened with imported borrow and surfaced with plant-mixed surfacing and penetration treatment.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per Hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.75
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity, and paving type)	1.70
Concrete vibrator operator	1.25
Flagman	1.0625
Jackhammer operator	1.25
Laborer	1.0625
Motor grader operator	1.85
Oiler power shovels or cranes	140
Operator of power shovel or other excavating equipment, shovel type controls (up to and including 1 cubic yard)	2.00
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.25
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (8 cubic yards water level capacity or more)	1.625
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Any classification omitted herein not less than	1.0625

Overtime: one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen): one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower. shall control.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the district in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law. (See said Proposal Requirements and Conditions.)

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY
State Highway Engineer
Dated: February 8. 1946.
(Feb. 8-15-22, 1946)

—V—

CHALMER MUNDAY
Attorney-at-Law - Notary Public
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Builders' Contracts
Financial Center Bldg. DO 4070

REQUIRED READING

HOW MUCH BUILDING?

Construction Revival—Guide Signs to Peacetime Expansion and Prosperity. A Market Study by F. W. Dodge Corp. New York 18 (119 W. 40th St.), F. W. Dodge Corp. 1945. 11 by 8¼ in. 32 pp.

How much actual building will there be in the next decade? That is what everyone connected with the building field—and everyone interested in the national economy—naturally wants to know. Estimates by the carload have appeared, some of them based soundly on statistics, others amounting to little more than personal guesses or wishful thinking. This market study by the F. W. Dodge Corporation ,however, is really more than an estimate: springing from the company's own summary of work actually planned, it is an analysis of the building volume that can reasonably be expected during the next ten years.

"Construction revival has begun," the study states, "ushering in a return to normal peacetime competitive market conditions. As transition problems are surmounted, volume will snowball."

What are these transition problems? For architects and engineers: "securing adequate staffs of designers and draftsmen, adequate information on materials and equipment available for early use in urgent projects, information on new products and services." For builders and sub-contractors: "man-power, material supply, price and wage adjustments, possible transportation shortages. For material and equipment manufacturers: "reestablishment of orderly marketing service to the field; sales and production manpower; and (for an important minority) reconversion of plant facilities."

On May 31, 1945, when the company's statistical tabulation of V-day projects was discontinued, the Dodge records of postwar projects showed a total of 99,638 specific projects located in the 37 states east of the Rocky Mountains, the estimated cost of which totaled $15,746,202,000. Since June 1 "hundreds of millions of dollars in additional preliminary and design-stage projects have been reported and tabulated on a new basis as currently contemplated work."

The Dodge Corporation disagrees with the commonly expressed opinion that the volume of public work in blueprint stage is inadequate to meet the needs of the transition period. On the contrary, "unduly strong pressure to push public building and engineering work in the recovery period would create intense competition for men and materials and add to the inflation threat." As for private building, it is reasonable to assume, the study states, "that most private projects in the design stage are scheduled for sites already selected and either owned or controlled by option. For such projects bids can be taken and decisions made fairly quickly."

ARCHITECT AND AUTHORITY

The Local Housing Authority and the Architect. By Oliver C. Winston. Chicago 37, Ill. (1313 E. 60th St.), Public Administration Service, 1945. 7x10 in., 60 pp. 60c.

Subtitled "A Working Relationship in Planning a Public Housing Program and in Designing a Public Housing Project," this booklet stresses the importance of cooperation between the housing authority and the architect. Considerable emphasis is placed on the responsibilities of the housing authority **before** the architect starts to design — the establishment of basic requirements. Mr. Winston finds three phases in this working relationship: (1) planning the new over-all housing program; (2) preparing the architectural program; and (3) designing the project. In the first phase the main burden of the work falls logically upon the housing authority, with the architect's principal services of a consulting nature. In the second phase, too, the architect's contribution is chiefly advice — on site planning, dwelling types, community facilities; with the preparation of cost estimates and some technical assistance on the side. The third phase, of course, is almost wholly the architect's baliwick.

"If such an approach to design . . . is adopted at the very beginning," Mr. Winston concludes, "it should be possible to avoid the unsatisfactory practice of having to prune, whittle and shave project designs . . . Such an approach should lead to a more purposeful selection of planning criteria by the local housing authorities and to more disciplined use of design criteria by architects and engineers."

SHOPPING CENTERS

Planning Neighborhood Shopping Centers. By Marcel Villaneuva, A.I.A. New York 18 (512 Fifth Avenue), National Committee on Housing, Inc., 1945. 8½ by 11 in. 34 pp. illus. $1.00.

Here is a community planning study devoted entirely to the problems of the shopping center—its location, the number of stores required, parking spaces, and so on. Its chief value probably lies in the carefully worked out tables giving area requirements for stores of various types. While these requirements are purely theoretical, they serve as a working basis for planning, and they point up Mr. Villaneuva's conclusion that "most cities and towns are overbuilt with old and unwanted stores, and underbuilt with regard to new and desired shopping centers planned for our modern way of living."

Bid Opening Schedule

BUILDING PROJECTS

Bid Opening Date	Project	Location of Project	Noted in Issue
2-23—12:00 M.	—Store	Palo Alto	2-18
2-25	Painting and Repairs (Govt.)	San Diego	1-22
2-25— 3:00 P.M.	—Repairs	San Francisco	2-14
2-25— 3:00 P.M.	—Bookcases	San Francisco	2-14
2-25— 3:00 P.M.	—Metal Supplies	San Francisco	2-14
2-26— 2:00 P.M	—Truck Beds	San Francisco	2-14
2-23—10:00 A.M.	—Boiler	San Jose	2-15
2-23—10:30 A.M.	—Alter Building	San Francisco	2-15
2-25— 2:00 P.M.	—Underpass	Port Orchard, Wash.	2-15
2-26— 8:00 P.M.	—High School	San Mateo	2-18
2-26	Hospitals (Veterans' Admin)	Grand Junction, Colo.	1-25
2-26—11:00 A.M.	Gunnery Range	Crows Landing	2- 7
2-26— 3:00 P.M.	Residence	San Rafael	2- 7
2-26— 3:00 P.M.	—Service Building	San Francisco	2- 8
2-26— 3:00 P.M.	—Sales Building	San Francisco	2-12
2-27— 2:00 P.M.	Painting	Monrovia	2- 7
2-27— 2:00 P.M.	Painting	Lynwood	2- 7
2-27— 2:00 P.M.	Painting	Bell	2- 7
2-27— 2:00 P.M.	Painting	Fullerton	2- 7
2-27— 2:00 P.M.	Painting	Maywood	2- 7
2-27— 2:00 P.M.	Painting	St. Anthony	2- 7
2-27	Addition to School (Dist.)	Downey	1-16
2-27— 2:00 P.M.	—Elevator	Tacoma, Wash.	1-29
2-27— 7:30 P.M.	—School	Shafter	1-30
2-27— 2:00 P.M.	—Painting	St. Anthony	2- 4
2-27— 1:45 P.M.,	Alterations	San Francisco	2-11
2-27— 2:00 P.M.,	Boiler	San Gabriel	2-11
2-27—10:00 A.M.	—Tear Gas	Berkeley	2-14
2-27—10:00 A.M.	—Ammunition	Berkeley	2-14
2-27— 2:00 P.M.,	Ceilings	Los Angeles	2-11
2-27— 2:00 P.M.,	Ventilation	Los Angeles	2-11
2-27— 2:00 P.M.,	Doors	Preston	2-11
2-27— 2:00 P.M.,	Pump	Fullerton	2-11
2-27— 2:00 P.M.,	Sidewalks	Napa	2-13
2-28— 4:00 P.M.,	Warehouse	Los Angeles	2-13
2-28— 8:00 P.M.	—School Building	San Mateo	2-12
3- 1 — 2:00 P.M.,	Basement	Lancaster	2-11
3- 1	Painting (Govt.)	Eureka, Utah	1-25
3- 1— 2:00 P.M.	—Truck Terminal	San Francisco	2-19
3- 5—11:00 A.M.	—Power Plant	Inyokern	2-19
3- 5—11:00 A.M.	—Storage Facilities	Barstow	2-19
3- 5— 3:00 P.M.	—Store	San Francisco	2-20
3- 5— 3:00 P.M.	—Carhouse	San Francisco	2-20
3- 5— 3:00 P.M.	—Paint Shop	San Francisco	2-20
3- 6— 2:00 P.M.	—Painting	Covina	2-20
3- 6— 2:00 P.M.	—Painting	Brawley	2-19
3- 6—	—Shop	Pittsburg	2-19
3- 6— 2:00 P.M.	—School	Sunnyside, Wash.	2-15
3- 6— 2:00 P.M.	—Painting	Reedley	2-18
3- 6— 2:00 P.M.	—Painting	Payette, Idaho	2-15
3- 6— 8:00 P.M.	—School	El Cerrito	2-15
3- 6— 2:00 P.M.,	Painting	Calexico	2-13
3- 8—11:00 A.M.	—Tube Radiation	San Leandro	2-20
3-11—12:00 M.	School	Palm Springs	2- 7
3-12— 1:30 P.M.,	Flagpole	Livermore	2-13
3-13— 2:00 P.M.	—Cables	Safford, Ariz.	2-15
3-12— 1:30 P.M.	—Flagpole	Livermore	2-18
3-14— 2:00 P.M.	—School Buildings	Maricopa County, Ariz.	2- 8
3-15— 9:00 P.M.	—Store	Las Vegas	2-18
3-19— 3:00 P.M.	—Cottage	San Francisco	2-20
3-25— 9:00 P.M.	—Plant	Torrance	2-18

ENGINEERING PROJECTS

Bid Opening Date	Project	Location of Project	Noted in Issue
2-25— 2:00 P.M.,	Highways	Orange County	2-11
2-25— 2:00 P.M.,	Surfacing	Utah State Highway	2-13
2-25— 2:00 P.M.,	Highway Culvert	Utah State Highway	2-13
2-25— 5:15 P.M.,	Grading	Lawndale	2-13
2-25—11:00 A.M.	—Sewers	San Jose	2-18
2-25— 2:00 P.M.	—Repair Span	Clatsop County, Oregon	2-18
2:25— 2:00 P.M.	—Resurfacing	Linn County, Oregon	2-18
2-25— 2:00 P.M.	—Grading	Lincoln County, Oregon	2-18
2-25— 2:00 P.M.	—Surfacing	Sherman County, Oregon	2-18
2-25— 2:00 P.M.	—Surfacing	Umatilla County, Oregon	2-18
2-25— 2:00 P.M.	—Surfacing	Washington County, Oregon	2-18
2-25— 7:30 P.M.	—Water Main	Central Point, Ore.	2-18
2-26— 9:00 A.M.	—Bridge	Douglas County, Oregon	2-18
2-26— 9:00 A.M.	—Grading	Douglas County, Oregon	2-18
2-26— 9:00 A.M.	—Grading	Hood River County, Oregon	2-18
2-26— 9:00 A.M.	—Regrading	Morrow County, Oregon	2-18
2-26— 9:00 A.M.	—Regrading	Morrow County, Oregon	2-18
2-26—	—Water System	Grand Coulee, Wash.	2-20
2-26— 2:00 P.M.	—Road	California Point	2-20
2-26—11:00 A.M.,	Bridge	Los Angeles	2-11
2-26—10:00 A.M.	—Storm Drain	Los Angeles County	2- 5
2-26—10:00 A.M.	—Tunnel Lining	Colorado-Big Thompson Project	2- 5
2-26—10:00 A.M.	—Highway	Olympia, Wash.	2-12
2-26— 2:00 P.M.	—Store	Oakland	2-14
2-26— 2:00 P.M.	—Store	Berkeley	2-14
2-27— 2:30 P.M.	—Additions	San Francisco	2-14
2-27— 2:30 P.M.	—Porch	San Francisco	2-14
2-27— 1:30 P.M.	Clear Site	Napa County	2- 7
2-27— 5:30 P.M.	—Water Mains	Oakland	2-15
2-27— 2:00 P.M.	—Highways	Contra Costa County	1-29
2-27— 5:30 P.M.	—Water Mains	Contra Costa, Alameda Counties	2-18
2-27— 2:00 P.M.	—Bridge	Solano County	1-29
2-27— 2:00 P.M.	—Road	Carbon County, Utah	2-20
2-27— 3:00 P.M.	—Sewer	Los Angeles	2-19
2-27—	—Transmission Line	Wibaux, Mont.	2-19
2-27— 2:00 P.M.	—Bridge	Emery County, Utah	2-20
2-28—10:30 A.M.	—Sewering	Fresno	2-19
2-28—10:30 A.M.	—Sewering	Fresno	2-19
2-28—11:00 A.M.	—Paving Areas	Oceanside	2-18
2-28— 1:30 P.M.	—Highway	Clark County, Nevada	2-18
3- 1— 5:00 P.M.	—Street	Sacramento	2-12
3- 1— 1:30 P.M.	—Highway	Nevada State Highway	1-31
3- 1— 8:00 P.M.	—Sewers	Oakley	2-19
3- 2—11:00 A.M.	—School	Phoenix, Ariz.	2-14
3- 4— 4:00 P.M.	—Sewers	Tucson, Ariz.	2-12
3- 5—10:00 A.M.	—Earthwork	Central Valley Project	2-12
3- 5—11:00A.M.	—Street Lighting	Inyokern	2-19
3- 5—11:00 A.M.	—Roads	Inyokern	2-19
3- 6— 2:00 P.M.	—Highways	Monterey County	2- 5
3- 6— 2:00 P.M.	—Highways	Alameda County	2- 5
3- 6— 2:00 P.M.	—Highways	Oakland	2- 5
3- 6—10:00 A.M.	—Transmission Line	Rio Grande Project	2-12
3- 6— 2:00 P.M.	—Plant	Ajo, Calif.	2-14
3- 7— 2:00 P.M.	—Highways	Los Angeles County	2- 5
3- 5—10:00 A.M.	Canal	Central Valley Project	2- 7
3- 5— 1:30 P.M.	Transmission Line	Spokane, Wash.	2- 7
3- 6—10:00 A.M.	Grading	Los Angeles	2- 7
3- 6—10:00 A.M.,	Grading	Los Angeles	2-13
3- 6—11:00 A.M.,	Clearing	Fort Lyon, Colo.	2-13
3- 6—10:00 A.M.	—Highway	Clallam County, Wash.	2-20
3- 7— 2:00 P.M.	—Bridges	San Diego County	2- 5
3- 7—10:00 A.M.	—Earthwork	Shoshone Project	2- 6
3- 8— 2:00 P.M.	—Canal	Grass Valley	2-19
3-12—10:00 A.M.	—Earthwork	Central Valley Project	2-15
3-12— 3:00 P.M.	—Airport	San Francisco	2-20
3-12—11:00 A.M.	—Railroad	Rough and Ready Island	2-15
3-12	Kortes Dam (Govt.)	Missouri Basin Project	1-18
3-13— 1:00 P.M.	—River Improvements	Los Angeles	2-18
3-13— 2:30 P.M.	—Street improvements	San Francisco	2-18
3-13— 2:00 P.M.	—Freeway	Santa Clara County	2-12
3-14— 2:00 P.M.	—Grading	Los Angeles County	2-12
3-14— 2:00 P.M.	—Crossing	Los Angeles County	2-12
3-15— 2 P.M.	—Steel Towers	Central Valley Project	1-30
3-18— 1:00 P.M.	—River improvements	Los Angeles	2-18
3-20— 2:00 P.M.	—Grading	Lake County	2-19
3-20— 2:00 P.M.	—Steel	Central Valley Project	2-19
3-21— 2:00 P.M.	—Highway	San Bernardino	2-20
3-29—10:00 A.M.	—Earthwork	Central Valley Project	2-18
4- 2— 2:00 P.M.,	Needle Valves	Denver, Colo.	2-13

SUPPLIES AND EQUIPMENT

Bid Opening Date	Project	Location of Project	Noted in Issue
2-22— 2:00 P.M.	—Telephone Wire	San Francisco	2-15
2-25—10:00 A.M.	—Road Oil	Helena, Mont.	2- 6
2-25	Radio Appliances (Govt.)	Denver, Colo.	1-22
2-25— 3:00 P.M.	—Gate Valves	San Francisco	1-31
2-25— 5:00 P.M.	—Sweeper	Stockton	2-12
2-25— 5:00 P.M.	—Pipe	Sacramento	2-12
2-25— 2:00 P.M.	—Project	Sacramento	2-14
2-25— 2:00 P.M.	—Iron Pipe	San Francisco	2-18
2-25— 2:00 P.M.	—Floor Frame	Central Valley Project	2-19
2-25— 2:00 P.M.	—Houses	Denver, Colo.	2-19
2-25— 2:00 P.M.	—Suspension Clamps	Fort Peck, Mont.	2-19
2-25—	—Concrete Mixer	Sacramento	2-20
2-25—	—Hinges	Panama Canal	2-20
2-25—	—Tables	Panama Canal	2-20
2-25— 2:00 P.M.	—Floor Frame	Central Valley Project	2-20
2-26—	—Electrodes	Panama Canal	2-20
2-26— 2:00 P.M.	—Mess Kit Equip.	San Francisco	2-15
2-26— 2:00 P.M.	—Sheeting	San Francisco	2- 8
2-27—	—Steel Lockers	Panama Canal	2-20
2-27— 2:00 P.M.	—Elevator	Central Valley Project	1-31
2-27— 2:30 P.M.	—Pipe	San Francisco	2-14
2-28— 2 P.M.	—Cars	Redding	1-29
3-28— 2:00 P.M.	—Gate Hoists	Denver, Colo.	2-12
2-28— 2:00 P.M.	—Lumber	Wiota, Mont.	2-19
3- 1— 2:00 P.M.,	Stationary	San Francisco	2-11
3- 1— 2:00 P.M.	—Grinders	San Francisco	2-18
3- 1— 2:00 P.M	—Telephone Coils	San Francisco	2-19
3- 1—	—Fire Extinguishers	Panama Canal	2-20
3- 1— 2:00 P.M.	—Poles	Casper, Wyo.	2-20
3- 1— 5:00 P.M.	—Gate Valves	Sacramento	2-20
3- 4— 2:00 P.M.	—Milk Cans	San Francisco	2-18
3- 4— 2 P.M.	—Cars	Redding	1-29
3- 4— 3:00 P.M.	—Water Meters	San Francisco	2-19
3- 4— 3:00 P.M.	—Steel	San Francisco	2-19
3- 4— 3:00 P.M.	—Trolley Cord	San Francisco	2-19
3- 4— 3:00 P.M.	—Field Coils	San Francisco	2-19
3- 4— 2:00 P.M.	—Auger Bits	San Francisco	2-20
3- 4— 3:00 P.M.	—Matting	San Francisco	2-20
3- 5— 2:00 P.M.	—Gasoline	Oakland	2-20

FOR BETTER BUILDING

NEWS OF MATERIALS, EQUIPMENT AND METHODS

KITCHEN UNITS

Flexibility and adaptability are the goals of a new line of 12 steel steel kitchen units which can be bought separately or as a complete package, installed just as the housewife and the size of the kitchen demand. The line includes five types of sinks and sink cabinets, varying in width from 42 to 66 inches; six types of wall cabinets, ranging in width from 24 to 66 inches; and one type of base cabinet, 24 inches wide.

The same company offers a new Shelvador Refrigerator featuring maximum accessibility. Five food shelves are on the inside of the refrigerator door, providing storage space for bottles, eggs, fruits, processed foods. The Crosley Corporation, Cincinnati 25, Ohio.

§§

HEATING

ELECTRIC UNIT HEATERS

Under terms of a license granted by the Wesix Electric Heater Co., San Francisco, the Westinghouse Electric Corp. has acquired the right to use the basic principles involved in the design, construction and control of unit type electric heaters. Models comprising the new line will range from an easily protable 1250-watt, 110-volt floor unit to 4 kw, 220-volt floor and wall models. All of the 220-volt units will have built-in automatic thermostatic control The Westinghouse Electric Corp., Emeryville, Calif.

CIRCULATOR FAN

Designed to prevent cold floors, the new RECO Heat Circulator Fan blows upwards, the air traveling along the ceiling and down the walls, carrying the super-hot air with it and intermixing it with the room air, providing uniform temperature throughout the room. It is especially recommended for hard to heat rooms and rooms which are not constantly heated. Reynolds Electric Co., 2650 W. Congress St., Chicago 12, Ill.

§§

PHOSPHOR POWDER

A new phosphor powder similar to the powder used in present fluorescent lamps except that it changes the energy wavelengths to ultraviolet, makes possible two new types of lamp: a fluorescent type sunlamp and a germicidal lamp for use with poultry and animals.

Not yet available, the F-type Sunlamp will be made in 20- and 40-watt sizes identical in dimensions and electrical operating characteristics to present fluorescent lamps of the same wattages. The difference is in the special ultraviolet-transmitting glass which is coated inside with the phosphor powder. The lamp can be combined with existing fluorescent lamps in some present office, factory, home or store fixtures.

A thin coating of the phosphor powder on hte inside of 15- and 30-watt germicidal lamps combines germ-killing with ultraviolet energy. Not recommended for human use, the lamps are now available in limited quantities. General Electric Co., Bridgeport, Conn.

§§

WALL COVERING

A new wall covering called Congowall consists of a lustrous baked enamel surface in a cameo-like tile design on a special patented, flexible, water-resistant felt backing. According to the manufacturers, Congowall will not warp or shrink, buckle or bulge, crack or craze, chip off or peel; it is easily installed over any firm, smooth, dry surface, and is suitable for both new work and remodeling. Offered at present in five colors—peach, green black, blue and white. Congoleum-Nairn Inc., Kearny, N. J.

§§

ALUMINUM VENETIANS

Laboratory tests of an aluminum slat venetian blind just announced show a heat reduction of 75 per cent, the manufacturers report. One side of the slat is polished to reflect the heat, and the other side is satin finished to prevent the metal from absorbing heat. Dust and grease will not adhere to the treated metal. MacArthur Smith and Associates, 134 S. LaSalle St., Chicago 3, Ill.

§§

FARM QUONSET

A new type Quonset building—a cousin to the round-roofed Quonset of Navy fame—has been designed especially for rural utility purposes and now is in production.

The new, low-cost, packaged, all-steel building differs from the Navy Quonset in that it has a straight side. Designated the Quonset 24, this farm building has an unobstructed interior suited particularly for garage and storage of implements, tools and vehicles, or as an open-front loafing barn for animals.

The basic unit is 24 ft. deep and 12 ft. long. As may 12-ft. extensions as desired can be added to increase length. Sliding doors and section panels are available. Great Lakes Steel Corp., Stran-Steel Division, Penobscot Bldg., Detroit 26, Michigan.

§§

HOUSEHOLD ITEMS

RADIOS

Included in Westinghouse's new line of postwar home radio receivers are nine sets ranging from an ultra - modern 6-tube, 6 by 6 by 9 in. portable table model to a 14-tube radio-phonograph combination set housed in a modified Chippendale console cabinet and equipped to receive standard broadcasts, foreign shortwave broadcasts and frequency modulation programs. Television receivers will be ready for the market early next year.

Fourteen models, ranging from small plastic table models through portables, radio-phonograph combinations in both table models and consoles, and full - sized console furniture model radios, comprise the new Stewart - Warner line. New and exclusive features of all sets include the radair antenna, a built-in loop designed to pick out faintest signals but to repel static nterference, and a signal sentry, a device to eliminate fading and to bar unwanted hum or other noises. An automatic record changer, operated with only one control, is incorporated in the radio-phonograph combinations.

REFRIGERATORS

Three 7-ft. models and one 9-ft. model are on the 1946 Kelvinator production schedule. Topping the line is the new Moist Master, a triple range unit with special provisions for freezing and storing frozen foods, for the safe-keeping of foods of high moisture content, and for general storage of all average foods. In effect a combination refrigerator and frozen food chest, the new unit has a freezer capacity of approximately 9 lbs. of ice cubes, and more than 35 lbs. of packaged frozen foods. Kelvinator Division, Nash - Kelvinator Corp., Detroit 32, Mich.

§§

NEW BUILDINGS

PAPER GOODS PLANT

Construction of a new plant to house The American Paper Goods Company's midwestern operation has been started by The Austin Company in Chicago.

The new building was especially designed by Austin to accommodate new high-speed presses and machinery for the production of ice cream containers, beverage cups, specialty bags and other products. It will be one-story, with welded steel frame, brick exterior and continuous sash in side walls and monitors. Air conditioned offices at one side of the principal facade will be balanced by truck loading docks on the other.

PLASTICS LABORATORY

Plans for a new plastics laboratory at its Parlin, N. J., plant have been announced by Hercules Powder Company. The laboratory will serve as headquarters for the company's development and research work on plastics. It will have facilities for compounding finished plastics for testing, and will be set up in such a way that customers who buy basic materials from the company can see new techniques applicable to their work demonstrated, and can work with the laboratory chemists on their processing problems. Plans include several constant - temperature rooms in which plastics qualities can be tested under conditions specified by customers. Both cold and heat tests will be possible, with the temperatures in the testing rooms ranging from minus 70 degrees to plus 180 degrees F.

The building will be T-shaped, with the head of the T one story high and the leg two stories high. Laboratories will be located on both floors. Offices, a conference room and high-temperature equipment will be on the second floor, while cold - storage rooms, electrical equipment rooms and a machine shop will be on the first floor. Walls will be tile-lined, floors concrete. Air will be filtered to insure freedom from contamination by dust and dirt. All electrical equipment will be explosion-proof.

OFFICES ADDITION

E. I. duPont de Nemoures & Co., Inc., has announced plans for the construction of an 18-story third section to the Nemours Building in Wilmington, Del. The building will be completely air conditioned. Voorhees, Walker, Foley and Smith are the architects, with Frederick A. Godley as associate; the contract has been awarded to the Turner Construction Co.

WEAVING PLANT

The Lumite Division of Chicopee Mfg. Corp. of Georgia has announced plans for a new weaving plant at Cornelia, Ga., for which ground was broken late in October.

A one-story building of modern design, the plant will be devoted exclusively to the weaving of Lumite plastic fabrics, is expected to be in operation early in 1946. L. W. Robert & Co., of Atlanta, are the engineer - designers; Daniel Construction Co., Greenville, S. C., the contractor.

§§

STANDARDS

LIGHT GAGE STEEL

Research which the Committee on Building Codes of American Iron and Steel Institute has been sponsoring since 1939 at Cornell University has provided sufficient data for presentation soon to the engineering profession in a specification for the design of light gage steel structural members, it has been announced. When available, the specification will provide a basis upon which to design with light gage sheet and strip steel. It will include provisions which distinguish between the behavior of stiffened and unstiffened flanges and their relative load carrying capacities.

DIMENSIONAL COORDINATION

The American Standards Association has approved an American Standard on the basis of which building materials and equipment of coordinated sizes and dimensions will be made available to construction operations. and building plans and details can be correlated with such dimensions.

The new standard is A62.1-1945, American Standard Basis for the Coordination of Dimonsions of Building Materials and Equipment. Also approved is A62.2 - 1945, American Standard Basis for the Coordination of Masonry.

Project A62 was organized by the A.S.A. in 1939, with The American Institute of Architects and The Producers' Council, Inc., as joint sponsors.

RESIDENTIAL BOILERS

A code for rating and testing oil-fired residential steel boilers and for rating commercial boilers has been issued by Steel Boiler Institute, Inc., requiring oil-fired residential boilers up to 3,000 sq. ft. net rating to show at least 70 per cent over-all efficiency by evaporation test when operating at 150 per cent of net rating.

Manufacturers' Literature

COPPER CONSTRUCTION

Research Solves Problem of Stress Failures in Sheet Copper Construction. A report on two years of research into the behavior of copper installations, with specific recommendations for design an construction methods directed toward the elimination of stress failures. Includes 30 detail sheets showing methods of installation and some of the basic principles in the use of sheet copper. Diagrammatic drawings of parapet walls, seam roofing, open valleys for slopes, fascia gravel stops, built-in gutters, covers over expansion joints, etc. 96 pp., illus. Revere Copper and Brass, Inc., 230 Park Ave., New York 17, N. Y.*

FIBER BOXES

Vs-Boxes. A report on the weatherproof solid fiber box, including a description of wartime uses and various tests used to insure its quality. 16 pp., illus. Container Testing Laboratories, Inc., 45 E. 22nd St., New York, N. Y.

HANGARS

Low Cost Housing for Small Airplanes. Basic ideas on the layout and construction of individual wood hangars in single and multiple units, wood repair shops and large commercial hangars. Offers 10 reasons why wood hangars are thritfy. 8 pp., illus. Timber Engineering Co., 1319 18th St., N.W., Washington 6, D. C.

HARDWARE

Solid Brass and Bronze Hardware. A description of Mount Vernon and Monticello and their solid brass hardware fixtures; examples of modern brass and bronze hardware. 16 pp., illus. Copper & Brass Research Assn., 420 Lexington Avenue, New York 17, N. Y.

HEATING

A Step Ahead in Hospital Heating (Bulletin No. 633). A description of differential heating and how it works; cost analysis; typical installations in hospitals. 24 pp., illus. C. A. Dunham Co., 450 East Ohio St., Chicago 11, Ill.*

INSULATION

Foamglas Insulation forTanks. The method to be used in installing Foamglas for the insulation of high temperature tanks, towers and ducts. Specifications and details, table of block sizes. 24 pp., illus. Pittsburgh Corning Corp., 632 Duquesne Way, Pittsburgh 22, Pa.*

LIGHTING

Engineered Lighting and Contral Equipment (Catalog No. 945). A condensed catalog, with photographs and detail drawings, specifications and engineering details. Equipment listed includes stage lighting, exit and directional signs, indirect and built-in lighting, fluoescent troffers, stage switchboards. 10 pp., illus. Hub Electric Corp., 2219-22 W. Grand Ave., Chicago 12, Ill.

G-E Slimline and Circline Lamps Seen in Many Roles. The use of the two types of fluorescents in store design. Diagrams and sketches of store interiors, special display units, and store lighting fixtures. 12 pp., illus. General Electric Co., Nela Park, Cleveland 12, Ohio.*

MEMORIAL TABLETS

Bronze Honor Rolls. Descriptive circulars featuring the Willard "Add-a-Name" type of cast bronze honor roll tablet. 6 pp., illus. The Willard Bronze Co., 3608-16 Colerain Ave., Cincinnati 23, Ohio.

PLASTICS

Plexiglas Design Manual. Design methods for arylic plastics. Complete with diagrams and illustrations of various products. 56 pp., illus. Rohm & Haas Co., Washington Square, Philadelphia 5, Pa.*

Forming Articles from Extruded Tenite Sheeting. Nine primary operations in the fabrication of sheet plastic articles, and the equipment which may be used. Includes several diagrams of equipment. 12 pp., illus. Tennessee Eastman Corporation, Kingsport, Tenn.*

SILICONES

Dow Corning Silicones, New Engineering Materials. Catalog listing all of the silicone products now available, and presenting many industrial uses. Contains charts and graphs demonstrating the properties, tables of physical characteristics, etc. 12 pp., illus. Dow Corning Corp., Midland, Mich.

STEEL

In War . . . In Peace, Republic Enduro Stainless and Heat-Resisting Steels (Adv. 430). The war applications of Enduro steels, and suggestions for their translation into peacetime terms. 32 pp., illus. Republic Steel Corp.. Advertising Division, 3100 E. 45th Ave., Cleveland 4, Ohio.*

Know your Steel When You Build or Remodel. The uses of special - purpose sheet steels in building construction, built-in equipment and appliances. 24 pp., illus. The American Rolling Mill Co., 1717 Armco Ave., Middletown, Ohio.*

STEEL BOILERS

Standard Electric-Welded Steel Boilers (Bulletin No. S-67, 5th ed.) Full information including diagrams and specifications and dimension tables. 8 pp., illus. The Brownell Co., 430 N. Findlay St., Dayton 1, Ohio.

High Pressure Heavy Duty Firebox Steel Boilers (Catalog 96). Illustrates and describes with fully detailed tabulations and diagrams three series of steel riveted firebox boilers. 20 pp., illus. Kewanee Boiler Corp., Kewanee, Ill.*

TURBINES

The Gas Turbine Power Plant Now a Reality. History and features of the gas turbine. 20 pp., illus. Elliott Co., Jeannette, Pa.

WATER HEATERS

Nema Standards for Electric Water Heaters. Practical information on performance, rating, testing and manufacture of electric water heaters. Includes schematic diagram showing standard connections and color coding. 8 pp. National Electrical Mfgrs. Assn., 155 E. 44th St., New York 17, N. Y. 25 cents.

Test Specifications, Automatic Electric Storage Water Heaters. Intended to establish a uniform testing procedure to make possible the determination of the performance of electric storage water heaters in terms of safety, effectiveness, durability and convenience. 10 pp. National Electrical Mfgrs. Assn., 155 E. 44th St., New York 17, N. Y. 50 cents.

VENTILATION

Put the Wind to Work. Bulletin on the "Agitair" air exhauster. Typical applications, engineering data selecting the proper size, location principles. 10 pp., illus. Air Devices, Inc., 17 E. 42nd St., New York 17, N. Y.

WINDOWS

The Ultimate in Modern Ventilation and Vision. Descriptive folder on an aluminum package window unit. Gives specifications and installation details. 4 pp., illus. Watco Engineering, Inc., 2200 Scranton Road, Cleveland 13, Ohio.

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* Other product information in Sweet's File, 1945.

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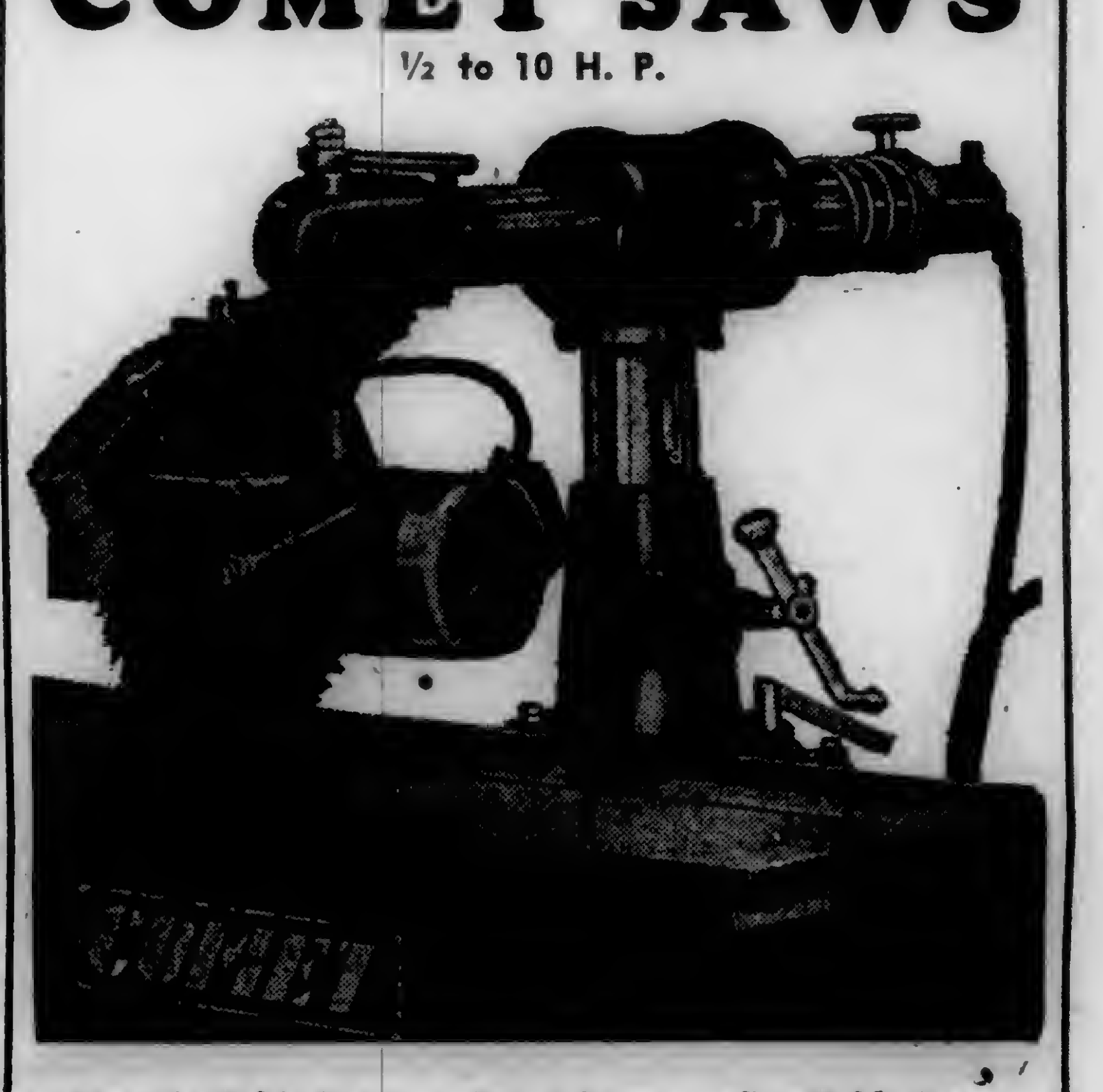

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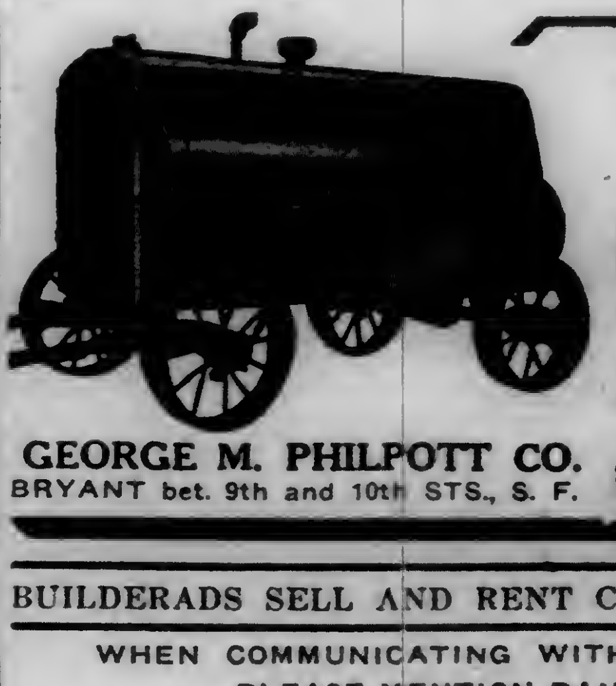

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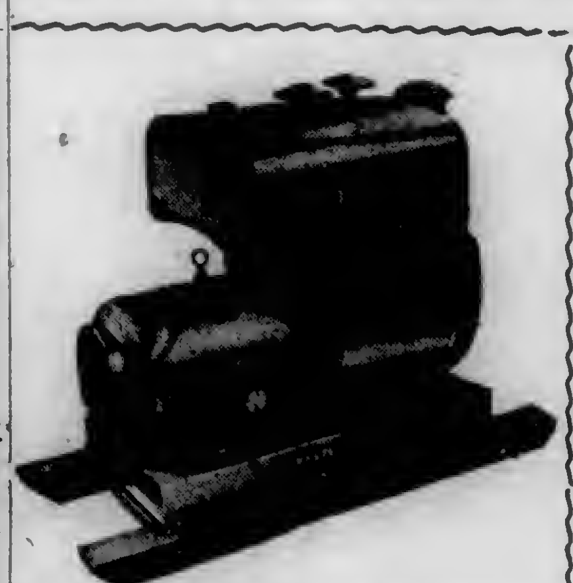

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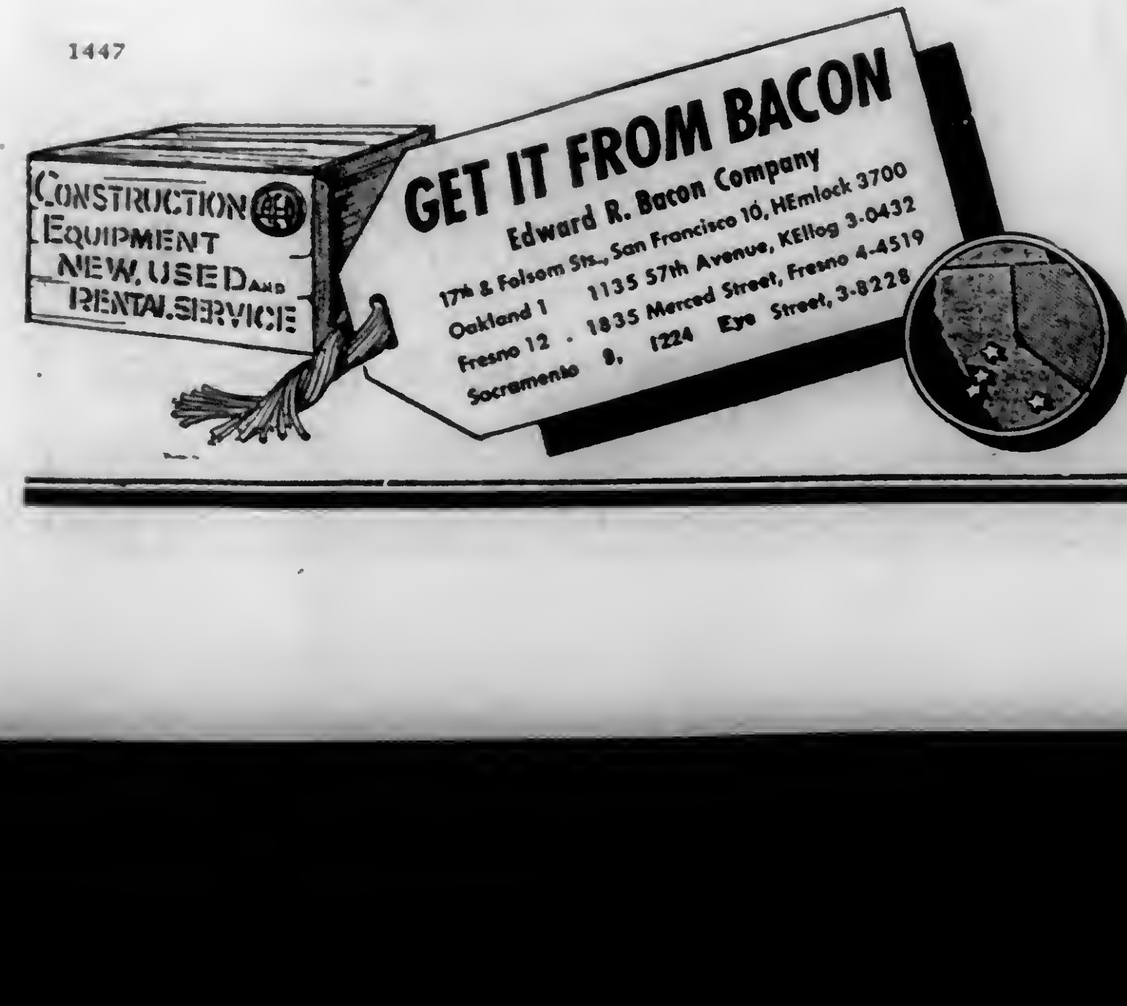
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ADVANCE CONSTRUCTION REPORTS

DAILY PACIFIC BUILDER
(Established 1890)
Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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1-8—COMMERCIAL BLDGS.

2/21/46 • 3
COMPLETING PLANS
WAREHOUSE
TURLOCK, Stanislaus County, Calif.
Construction of warehouse (200x80 ft.), steel trusses, etc.
Owner—Christoffersen's Poultry, Egg & Feed Co., 121 S. Broadway, Turlock.
Architect—G. N. Hilburn, 1211 K St., Modesto.

2/21/46 • 6
PREPARING WORKING DRAWINGS
STORE ADDITION Est. Cost, $85,000
SAN FRANCISCO. Kearny Street.
Alterations to ground floor of Sutter Hotel, convert 4 stores, including portion of lobby into one men's furnishing store.
Owner—Hirsch & Price, c/o architect.
Architect—J. Lloyd Conrich, 593 Market St.

2/21/46 • • 3
CONTRACT AWARDED
WAREHOUSE Cost. Approx. $500,000
SAN FRANCISCO. 7th and Irwin.
Construction of one- and part two-story reinforced concrete and struc. steel warehouse building (240x300).
Owner—Standard Oil Co. of California, 225 Bush Street.
Plans by the Austin Co., 618 Grand Ave., Oakland.
Contractor—Clinton Constr. Co., 923 Folsom Street.

2/21/46 • 3
BIDS WANTED

HAWTHORNE, Mineral Co., Nev.—Until March 12, 11 A. M., bids will be received by the office of the officer in charge of construction, Naval Ammunition Depot, Hawthorne, Nev., under Spec. 17604, NOy 13561, for construction of six inert storehouses (each approximately 50x200 ft.), and earthwork, railroad construction, road work, concrete construction, glass block masonry, iron and steel work, roofing and sheet metal work and completion of the alarm system as pertaining directly thereto at the Naval Ammunition Depot, Hawthorne, Nev.

Plans and specifications prepared by Architects Blanchard & Maher, 369 Pine St., San Francisco, may be obtained upon application to the officer in charge of construction, R. B. Bailey, Lt. (CEC), USNR, Naval Ammunition Depot, Hawthorne, Nev., upon deposit of check or postal money order for $15, payable to the Chief of Bureau of Yards and Docks.

2/21/46 • 3
CONTRACT AWARDED
WAREHOUSE Est. Cost, $40,000
PETALUMA, Sonoma County, Calif
Construction of farm equipment display room and warehouse.
Owner—A. Tomasini, c/o architect.
Architect—J. Lloyd Conrich, 593 Market St., San Francisco.
Contractor — Vogensen Construction Co., 515 H St., Petaluma, Calif.

2/21/46 • 2
CONTRACT AWARDED

CROWS LANDING, Stanislaus Co., Calif.—J. H. Andrew Painting Service, at $18,785, awarded contract by the Public Works Department, 12th Naval District, 1182 Market St., San Francisco, Room 402, for painting the exteriors of 47 buildings and 22 enclosures all ready for use at the Auxiliary Air Station, Crows Landing; Spec. No. 17508.

2/21/46 • 5
PREPARING PRELIMINARY PLANS
RESTAURANT BUILDING
ANTIOCH, Contra Costa Co., Calif.
Construction of restaurant building.
Owner—Thomas Milan.
Architect—Elizabeth H. Witkin, 2712 Shasta Rd., Berkeley.

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2/21/46 6
FIRE LOSS

OAKLAND, Alameda Co., Calif.—The General Interior Consolidated Company's 2-story building at 1107 24th Street, was recently damaged by fire with loss estimated at $15,000.

2/21/46 3
WORK UNDER WAY
ADDITION
SOLANO COUNTY, Calif. West of county hospital, The Fairfield Textile Works.
Construction of 50x100-ft. addition to building.
Owner—Wilbur & Son, 116 New Montgomery St., San Francisco.
The new room will house infammable materials and is set away from the main structure.

2/21/46 8
CONTRACT AWARDED

FRESNO, Fresno Co., Cal.—Trewhitt, Shields & Fisher, Pacific Southwest Bldg., Fresno, awarded contract for renovating and modernizing the interior and exterior of a two-story and basement department store bldg. at Fulton and Kern Sts., Fresno, for E. Gottschalk & Co., Inc. Est. cost, $400,000.

Plans were prepared by Architect Albert B. Gardner, Room 804, 408 S. Spring St., Los Angeles.

2/21/46 7
SUB-CONTRACTS AWARDED
SUPER MARKET Cost, $125,000
RICHMOND, Contra Costa Co., Calif. NE corner Andrade and 23rd Sts.
Constructon of super market (Tower Market) (150x150 feet) 8900 sq. ft., service grocery store, drug store, liquor department, fruit and vegetable dept., butcher shop, paved pakring area with capacity for 34 automobiles.
Owner—Walter Kaufman, 435 34th Street, Richmond.
Contractor—R. J. Stemple, 5430 Macdonald Avenue, Rchmond.
Roofing—H. Schroeder, 6757 Mound Street, El Cerrito.
Plumbng—Timmons & Berk, 316 15th Street, Richmond.
Electric Wiring—Modern Bldrs. Supply.
Heating and Sheet Metal — Yost's Heating & Sheet Metal Works, Albany.
Glass—W. P. Fuller & Co., 259 Tenth Street, Oakland.
Gradng—MacDonald Constr. Co.
Foundations and Concrete—J. C. Zueigle, Richmond.
Lumber—Smith Lbr Co., 19th Ave. and Estuary, Oakland.
Mill Work—El Cerrito Lumber Co., 1206 San Pablo Ave., El Cerrito.
Hardware—C. Markus Hardware Co. 7th and Washington Sts., Oakland.
Lathing and Plastering—Rochon & Gerdere, Oakland.
Steel Rolling Doors—Independent Iron Works, Ltd., 821 Pine St., Oakland.

2/21/46 6
WORK UNDER WAY
STORE
RED BLUFF, Tehama Co., Cal. 747 Main Street.
Alterations and additions to Zuckweiler's Dept. Store, incl. interior and exterior work, new fixtures.
Owner—Elmer Zuckweiler, 747 Main Street, Red Bluff.

2/21/46 • • 6
PREPARING PLANS
COMMERCIAL BLDG. Cost, $1,750,000
SAN FRANCISCO. South side O'Farrell St. between Stockton and Powell Streets.
Construction of 8-story steel and concrete building.
Owner—Kohler & Chase, Charles H. Seymour, Mgr., 26 O'Farrell Street.
Architect—W. D. Peugh, 333 Montgomery Street.

9-10—EDUCATIONAL BUILDINGS

2/21/46 • 9
PLANS ON FILE

GRAND JUNCTION, Colo.—A set of plans and copy of specifications for the construction of a hospital building and utilities at Grand Junction, Colo., Project No. 2451, for which bids will be opened February 26, 1:30 P. M., by the Veterans' Administration, Washington 25, D. C., are now on file for examination at the office of DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco.

This project consist of one main building No. 1 (containing approximately 1,640,000 cu. ft.), one manager's quarters building No. 2 (containing approximately 32,500 cu. ft.), one officers' duplex quarters building No. 3 (containing approximately 58,500 cu. ft.), one officers' duplex quarters building No. 4 (containing approximately 58,500 cu. ft.), one nurses' quarters building No. 5 (containing approximately 200,000 cu. ft.), one attendants' quarters building No. 6 (containing approximately 85,000 cu. ft.), one storehouse building No. 7 (containing approximately 47,000 cu. ft.), one station garage building No. 8 (containing approximately 54,000 cu. ft.), one boiler house building No. 9 (containing approximately 75,000 cu. ft.), one concrete chimney No. 10 (approximately 150 ft. high), one steel water tank and tower No. 11 (capacity of tank, approximately 25,000 cu. ft.), one laundry building No. 13 (containing approximately 88,000 cu. ft.), one incinerator No. 14, etc.

The work will include roads, walks, grading and drainage, excavating, reinforced concrete, cut stone, marble work, floor and wall tile, terrazzo, linoleum, compressed asphalt tile, waterproofing, miscellaneous metal work, metal shelving, laundry chute, metal window equipment, tile and built-up roofing, plastering, carpentry, wood doors and sash, acoustical treatment, insulation, insect screens, painting, glazing, hardware, plumbing, refrigerating equipment, dietetic and sterilizing equipment, laboratory, pharmacy and dental equipment, steel water tank and tower, water softening equipment, heating boilers and boiler plant equipment, ventilation, air conditioning, pneumatic tube system, electrical work, electric elevators, outside distribution systems and such other items as shown or specified. Separate bids will be received for (I) general construction, including plumbing, heating, ventilation, air conditioning, electrical work ad outside distribution systems; (II) electric elevators; (III) refrigerating equipment, and (IV) steel water tank and tower.

At the discretion of the Administrator, drawings and specifications may be obtained by contractors interested in submitting bids upon application in writing to the Construction Service, Veterans' Administration, Washington 25, D. C.; no deposit required.

2/20/46 9
WORKING DRAWINGS COMPLETED
SCHOOL
SAN FRANCISCO. NE. corner 22nd Ave. and Quintara St.
Construction of school building to include eight classrooms and assembly hall to seat 200.
Owner—Sunset Jewish Institue, c/o architect.
Architect—J. Lloyd Conrich, 593 Market St., San Francisco.
Construction is planned immediately materials are available.

2/21/46 9
PLANNED
SCHOOL BUILDING
FOWLER, Fresno Co., Calif. Site not selected.
Construction of an 8-room elementary school building.
Owner — Fowler Union Elementary School Dist., Board of Trustees, Fowler.

2/21/46 9
SITE SOUGHT
SCHOOL BUILDING
MENLO PARK, San Mateo Co., Cal.
Construction of new school building.
Owner—Menlo Park School Board, O. H. Olson, Supt., 736 Harvard, Menlo Park.
In addition to acquiring a site, the school district is arranging an election for either a school bond or special school tax.

2/21/46 • 9
BOND ELECTION
SCHOOL ADDITION
SALINAS, Monterey County, Calif. Fremont School.
Construction of school addition to contain eight classrooms.
Owner — Alisal Union Elementary School District, Salinas.
Architect—William Henry Rowe, 214 Front St., San Francisco.
The school district will vote March 19 on a proposal to issue bonds in the amount of $103,000 to finance the above construction.

2/21/46 9
BOND ELECTION

SAN GABRIEL, Los Angeles Co., Calif.—Voters of the city of San Gabriel will vote March 22 on a proposal to issue bonds in the amount of $450,000 to finance improvements and new buildings for the San Gabriel School District, Allen Keim, superintendent, 301 S. San Gabriel Ave., San Gabriel.

The following buildings have been proposed:

Wilson School—4 classroom units, cafeteria, auditorium and kindergarten, yard paving and fencing

Washington School—Modernization of 15 classrooms, construction of a knidergarten, home economics and cafeteria building.

McKinley School—Four classrooms, cafeteria building, modernization of four existing classrooms, yard paving and fencing.

Lincoln School — Two classrooms, kindergarten and fencing.

Roosevelt School—Cafeteria.

Kistner, Curtis & Wright, Architects' Bldg., 816 W. 5th St., Los Angeles, are architects for the district.

2/21/46 9
BOND ELECTION

PHOENIX, Ariz.—The voters of School District No. 14 of Maricopa County, Arizona, will hold an election March 23 to vote on the proposition of issuing and selling bonds in the amount of $105,000, which, if approved, would be used to finance the construction of buildings and improvements in the district.

2/21/46 9
BOND ELECTION

PHOENIX, Ariz.—Voters of the Phoenix Elementary School District No. 1 of Maricopa County, Arizona, will hold an election March 9 to vote on the porposition of issuing and selling bonds in the amount of $1,750,000, which, if approved, would be used to finance new buildings and improvemnets in the district

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2/21/46 • 9
ARCHITECT SELECTED
SCHOOL BUILDING
BAKERSFIELD, Kern County, Cal. Arvin High School.
Construction of high school bldg.
Owner — Kern County Union High School Dist., Board of Trustees, Kern County.
Architect—Ernest McCoy, 1623 Camino Primavera, Bakersfield.

2/21/46 • 9
ARCHITECT SELECTED
SCHOOL BUILDINGS
BAKERSFIELD, Kern County, Cal. East Bakersfield High School.
Improvements to East Bakersfeld High School, construction of cafeteria and classroom additions.
Owner — Kern County Union High School Dist., Board of Trustees, Kern County.
Architect—Chas. H. Biggar, 730 Holtby Road, Bakersfield.

2/21/46 • 10
ARCHITECT SELECTED
JUNIOR COLLEGE BLDG.
BAKERSFIELD, Kern County, Cal. Bakersfield Junior College.
Improvements to junior college, erection of cafeteria, student union, and admin. and library building.
Owner — Kern County Union High School Dist., Board of Trustees, Kern County.
Architect—Chas. H. Biggar, 730 Holtby Road, Bakersfield.

2/21/46 9
TAX INCREASE VOTED
JUNIOR HIGH SCHOOL BLDG. Cost, $350,000
SAN JOSE, Santa Clara County, Cal. Willow Glen District.
Construction of Willow Glen Junior High School.
Owner—San Jose Board of Education, Ralph R. Fields, Supt. of Schools, Auzerais and Almaden Avenue, San Jose.
Architect—Not Selected.
The San Jose Unified School Distrct voted February 19 to extend the San Jose Board of Education the privilege of increasing by 50 cents per $100 the State maximum school district tax rate of $1.85 per $100 assessed valuation for a period of five years, thus launching a $3,225,000 "pay-as-you-go" building program.

2/21/46 9
TAX INCREASE VOTED
TECHNICAL HIGH SCHOOL Cost, $300,000
SAN JOSE, Santa Clara County, Cal.
Construction of new technical high school to accommodate 400 to 500 students to replace present technical high school to be taken over by the State College.
Owner—San Jose Board of Education, Ralph R. Fields, Supt. of Schools, Auzerais and Almaden Avenue, San Jose.
Architect—Not Selected.
The San Jose Unified School Distrct voted February 19 to extend the San Jose Board of Education the privilege of increasing by 50 cents per $100 the State maximum school district tax rate of $1.85 per $100 assessed valuation for a period of five years, thus launching a $3,225,000 "pay-as-you-go" building program.

11—HOSPITALS

2/21/46 • • 11
PLANNED
HEALTH CENTER Cost, $600,000
SAN FRANCISCO. Sutter St. near Mt. Zion Hospital.
Construction of new Maimonides Health Center.
Owner—Federation of Jewish Charities, Ben P. Lillienthal, Charman, 1600 Scott Street.
Architect—Not Selected.

2/21/46 • 11
TO ASK BIDS
HOSPITAL
Approx. Cost, $150,000 to $175,000
WILLOWS, Glenn County, Calif
Construction of two-story and basement reinforced concrete and brick hospital to contain wards, operating rooms, kitchen, dining room, nurses' quarters, etc.
Owner—County of Glenn, Courthouse, Willows.
Architect — Otto Deichmann, 1026 Market St., San Francisco.
Plans will be completed and bids asked within two months.

2/21/46 • 11
CONTRACT AWARDED

SAN FRANCISCO.—C. E. Wait, at $3630, awarded contract by the Department of Public Works, Room 282 City Hall, under Job No. 494 for new toilet room in the clinic patients' department, 2nd floor, Ward A, main building, Laguna Honda Home.

2/21/46 • 11
WORK UNDER WAY
MEDICAL ARTS BUILDING
Estimated Cost, $50,000
RENO, Washoe County, Nev. Chestnut and Fifth Sts.
Construction of two-story medical arts building.
Owner—Dr. R. P. Rheuben, Medico-Dental Bldg., Reno, Nev., head of syndicate ownership.
Architect—Architectural Plan Service, 606 W. 5th St., Reno, Nev.
Contractor—Johnson, Drake & Piper, Inc., 1736 Franklin St., Oakland 12, Calif.

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PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Outdoor Gunnery Range Spec. 17507, NOy 13346	Crows Landing	2-26
Automobile and Appliance Bldg. Geary Blvd. and Blake Street	San Francisco	2-26
Veterans' Administration Hospital Project No. 2451	Grand Junction, Colo.	2-26

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Superstructure, Shop Bldg. No. 411, Shipfitters and Boilermakers Shop, San Francisco Naval Shipyard; Bids open February 21, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
A. Farnell Blair, 9 Main St., San Francisco (YUkon 0390)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co. 923 Folsom St., San Francisco (SUtter 3440).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Outdoor Gunnery Range, NAAS, Crows Landing; Spec. 17507; Bids open February 26, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Patrick M. Sofarelli, 20387 Anita Ave., Hayward (Hayward 806).
Henry Arian, 4142 Geary Blvd., San Francisco (BAyview 5797)

Residence for San Francisco Theological Seminary, San Anselmo; Bids open February 21, 3:00 P. M.
B. & R. Constr. Co., 268 Market St., San Francisco (DOuglas 7516).
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., San Francisco (MIssion 1490)
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).

Krieger Automotive and Sales Bldg., Geary and Blake, San Francisco; Bids open February 26, 8 P. M.
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., San Francisco (MIssion 1490)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Empire Constr. Co., 344 Harriet Street, San Francisco (HEmlock 3400)
Midstate Constr. Co., 1299 Bush St., San Francisco (ORdway 4638)
Jacks & Irvine, 620 Market St, San Francisco (GArfield 2106)
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Alfred Fisher, 300 Montgomery St., San Francisco (EXbrook 6936).

Store Bldg., University YMCA, Berkeley; Bids open Feb. 26, 2 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Anderson & Hagland, Inc., 219—41st St., Oakland (OLympic 9103).
Stolte, Inc., 8451 San Leandro Blvd., Oakland (TRinidad 1064)

Store Bldg., Broderick St., Oakland; Bids open Feb. 26, 2 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Anderson & Hagland, Inc., 219—41st St., Oakland (OLympic 9103).
Stolte, Inc., 8451 San Leandro Blvd., Oakland (TRinidad 1064)
Empire Constr. Co., Ltd., 344 Harriet St., S. F. (HEmlock 3400)

Richland Elementary School District, School Bldg., Shafter; Bids open February 27, 7:30 P. M.
Guy E. Hall, 1326 30th St., Bakersfield (Bakersfield 88695)
Rademann-Giusto, 40 Ringold Street, San Francisco (MArket [illegible]).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)

Truck Terminal, Ore.-Nev.-Calif. Fast Freight; Bids open Mar. 1, 2 P. M.
Jacks & Irvine, 620 Market St., San Francisco (GArfield 2106)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624)
Biltwell Constr. Co., 4745 Geary Blvd., San Francisco (BAyview 5047)
H. E. Rahlman, 251 Kearny St., San Francisco (DOuglas 8023).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).

Shell Chemical Shop and Storage Bldg., Shell Point; Bids open March 6
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)

Don Mill Sports Store, Sacramento; Bids open February 21
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209)

Escalator and Elevator Additions, Lincoln Bldg., 867 Market Street, San Francisco; Bids open March 5, 3:00 P. M.
Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco (EXbrook 5616)

Laurel School, San Mateo; Bids open February 28, 8 P. M.
B. & R. Constr. Co., 288 Market St., San Francisco (DOuglas 7516).

Theatre Bldg., Guerneville; Bids open March 6, 12 Noon.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).

Schools, Castro and Alvarado Sts., Richmond; Bids open March 6, 8 P. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)

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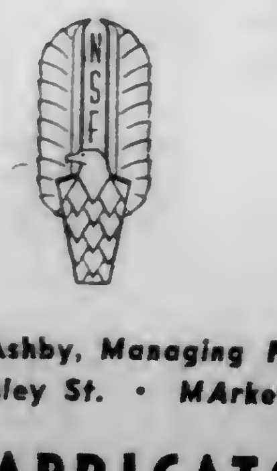
AND MISCELLANEOUS IRON



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NATIONAL STEEL FABRICATORS
(Formerly National Ornamental Iron & Bronze Co.)

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ADVANCE CONSTRUCTION REPORTS

12-13—INDUSTRIAL BUILDINGS

2/21/46 • 12
CONTRACT AWARDED
PLANT ADDITION Cost, $100,000
MERCED, Calif.
Construction of reinforced concrete ice cream factory and ice storage addition, cork insulated, including offices, cold storage room, shop and truck storage.
Owner—Merced Dairy Co., 753 16th St., Merced.
Architect—G. N. Hilburn, 1211 K St., Modesto.
Contractor—Paul D. McCombs, 648 19th St., Merced.

2/21/46 • 12
BIDS OPENED
INDUSTRIAL BUILDING
SAN FRANCISCO. Tennessee near 20th St.
Construction of one-story and mezzanine, steel frame industrial building.
Owner—American Meter Co, 471 11th St.
Architect—John H. Devitt, 580 Market St.
Low Bidder—Fred W. Schell, 666 Mission St., $152,234.
Complete bids were:
Fred W. Schell, San Francisco, $152,234; 210 days completion.
E. S. McKittrick Co., Oakland, $155,404.
Erbentraut & Summers, San Francisco, $166,900; 300 days completion.

2/21/46 • 12
BID OPENING POSTPONED
SAN FRANCISCO.—Until March 4, 11 A. M. (bid opening date postponed from February 21), bids will be received by the Public Works Office, Room 2110 Administration Bldg., San Francisco Naval Shipyard, San Francisco, under Spec. No. 17099 for the construction of the superstructure for the completion of a two-story shop building, No. 411, shipfitters' and boilermakers' shop, and miscellaneous small structures which shall be used for industrial shop purposes, and which includes asbestos siding, roofing, wood block and other flooring, earthwork, paving, track work, piling, metal windows and doors, tile work, plastering, tanks, sprinklers, elevators, concrete floor coverings, ventilation and utilities, all within the Naval Shipyard, San Francisco.

Plans and specifications may be obtained from the above office upon deposit of $130, check or postal money order, payable to the Chief of the Bureau of Yards and Docks.

As previously reported, the following contractors have been furnished with plans:

James I. Barnes Construction Co., 941 Russ Bldg., San Francisco.
Barrett & Hilp, 918 Harrison St., San Francisco.
A. Farnell Blair, 9 Main St., San Francisco.
Clinton Construction Co., 923 Folsom St., San Francisco.
Erbentraut & Summers, 446 Sixth St., San Francisco.
Peter Kiewit Sons' Co., 442 Post St., San Francisco.
M. & K. Corp., 200 Financial Center Bldg., San Francisco.
Parker, Steffens & Pearce, 135 So. Park, San Francisco.
Guy F. Atkinson Co., Orange and Railroad Aves., South San Francisco.

2/21/46 12
CONTRACT AWARDED
INDUSTRIAL BUILDING
Estimated Cost, $12,000
SAN FRANCISCO. Mission St.
Construction of 2-story wood frame industrial building, tar and gravel roof, stucco front.
Owner—A. Wilmes, c/o architect.
Architect—J. Lloyd Conrich, 593 Market St.
Contractor—H. Highfield, 6147 Mission St.

2/21/46 • 42
BIDS WANTED
ALAMEDA, Alameda Co., Calif.—Until March 5, 8:05 P. M., bids will be received by the City of Alameda, City Clerk, City Hall, for furnishing lighting standards.

Specifications obtainable from the above office.

2/21/46 12
TO START CONSTRUCTION
REMODEL PLANT Cost, $35,000
EMERYVILLE, Alameda Co., Calif. 3535 Peralta Street.
Remodel present structures; erect new steel and concrete bldg., etc.
Owner—Acme Co., 3535 Peralta St., Emeryville.
Plans by W. C. Grant, Engineer and Designer, 3535 Peralta St., Emeryville.

2/21/46 12
PLANNED
LUMBER MILL
WILLITS, Mendocino Co., Calif. Between Redwood Highway and the ralroad right-of-way bet. the high school grounds and the Simonson ranch.
Construction of a re-manufacturing mill at east end of the property adjoining the railroad, and installation of a new sawdust burner.
Owner—W. H. Casteel Lumber Company, Willits.

2/21/46 12
PLANNED
GOLD MILL
YREKA, Siskiyou Co., Calif. West slope of Yreka Mtn. bet. Green Horn Summit and Scott Valley.
Construction of mill and several other buildings at Cherry Creek gold mine.
Owner—Loren G. Severns, 718 Spring St., Santa Rosa.

2/21/46 • • 12
PREPARING PLANS
FACTORY ANNEX Cost, $150,000
OAKLAND, Alameda Co., Cal. 42nd and Linden Streets.
Constructon of annex to paint and varnish factory.
Owner—Walter N. Boysen Co., 42nd and Linden Streets, Oakland.
Architects—Reynolds & Chamberlain 3833 Piedmont Ave., Oakland 11.

2/21/46 12
SUB-CONTRACTS AWARDED
DISPLAY BUILDING
WOODLAND, Yolo County, Calif.
Construction of concrete equipment displaying building (7000 square feet in area), with wooden roof.
Owner—Weaver Tractor Co., Ernest W. Hull, Browns Corner, Woodland.
Contractor—Charles Unger, 2426 7th Ave., Sacramento.
Electric Wiring—Manuel Joseph, 1020 J St., Sacramento.
Glass—American Fuel & Materials Co., 2701 Stockton Blvd., Sacramento.
Mill Work—Sierra Mill & Lumber Co., 201 V St., Sacramento.

2/21/46 •
PROSPECTIVE BIDDERS
STORE ADDITIONS
SAN FRANCISCO. Lincoln Building, 867 Market St.
Escalator and elevator additions to store building.
Owner—Hale Bros., 867 Market St.
Architect—William G. Merchant, 57 Post St.

As previously reported, bids will be opened March 5, 3 P. M. The following contractors have taken out plans:

H. H. Larsen Co., 64 South Park, San Francisco.
McDonald, Young & Nelson, 127 Montgomery St., San Francisco.
Dinwiddie Construction Co., Inc., 210 Crocker Bldg., San Francisco.

14-17—PUBLIC BLDGS.

2/21/46 15
TO PREPARE PLANS
SANTA PAULA, Ventura Co., Calif.—Architects Allen & Lutzi, 6112 Wilshire Blvd., Los Angeles, have been commissioned to prepare plans for the construction of a new city hall and auditorium building in Santa Paula for the city of Santa Paula. Bonds in the sum of approximately $400,000 will be voted in April to finance the project.

2/21/46 14
PLANNED
AUDITORIUM Est. Cost, $25,000
ALTA, Placer Co., Calif. Alta Post of American Legion building.
Construction of auditorium on lots just south of the American Legion building.
Owner—Alta Post of American Legion, Alta.

2/21/46 • 15
BIDS WANTED
SAN RAFAEL, Marin Co., Calif.—Until February 25, 10 A. M., bids will be received by the Marin County Board of Supervisors, Geo. S. Jones, county clerk, Courthouse, San Rafael, for performing the following work:
(1) waterproofing of the Portico column bases, seams in slab and brick work under steps;
(2) refinishing cell under west end of Portico;
(3) refinishing men's toilet under east end of Portico;
(4) adjustments to heating system and the installation of a ventilating system in identification office.

Specifications obtainable from the above office.

2/21/46 • 14
CONTRACT AWARDED
LONG BEACH, Los Angeles Co., Calif.—Kint & Douglas Construction Co., Inc., 1365 W. Pacific Coast Highway, Long Beach, has the contract and desires immediate sub-bids for the construction of a midget racetrack to be located on Carson St. near Avalon Blvd., near Long Beach, for Associated Enterprises, 309 Heartwell Bldg., Long Beach. The project includes a structural steel and concrete stadium with a seating capacity of 16,000 persons; one mile of barbed wire outer fence and chain-link protective fence, parking area containing 1,033,000 square feet and miscellaneous structures. The track will be 0.25 mile in length. Sub-bids are requested on grading and paving, concrete work, reinforcing and structural steel construction, lathing, plaster, mill, electric, plumbing, painting, roofing and sheet metal work and materials. Plans were prepared by Harold E. Ketchum, consulting engineer, 2360 American Ave., Long Beach.

2/21/46 • 17
PLANNED
JUVENILE DETENTION HOME
WASHOE COUNTY, Nevada. East of county hospital.
Construction of 14-room juvenile detention home.
Owner—County of Washoe, Nevada.
Architect—Not selected.

A special committee has recommended to the Washoe County Planning Commission construction of the above project.

2/21/46 • 15
BIDS OPENED
SAN FRANCISCO.—Western Asbestos Co., 675 Townsend St., at $943, submitted low bid February 20 to the Department of Public Works, Room 282 City Hall, for installation of acoustical tile in office of Bureau of Building Inspection, Job No. 499.

L. D. Reeder Co., at $999, submitted only other bid.

2/21/46 • 15
BID OPENED
SAN FRANCISCO.—State Sign Co., 308 7th St., at $42.50, submitted only bid February 20 to the Department of Public Works, Room 282 City Hall, for sign lettering in the Bureau of Engineering.

2/21/46 • • 15
BIDS OPENED
BERKELEY, Alameda Co., Calif.—Following submitted bids to the City of Berkeley, City Clerk, City Hall, Berkeley, for furnishing all labor, materials, equipment, transportation and services for (1) painting fire house engine No. 4, located at 1450 Shattuck Ave., and (2) for painting offices of assessor and treasurer at Public Works Department Building:

R. W. Reade & Co., Berkeley, (1) $411; (2) $2036.
V. Orme Co., Berkeley, (1) $745.50; (2) $2100.
Pacific Painting & Decorating Co., Oakland, (1) $485; (2) $1200.
Allied Painters & Decorators, Oakland, (1) $722; (2) $1826.
Fred T. Judd Co., Berkeley, (1) $981; (2) $2135.
H. L. Painter Co., Berkeley, (1) $733; (2) $2366.
A. C. Sullberg, Berkeley, (1) $535; (2) $1490.
Lester Schaefer, Berkeley, (1) $575 (2) $1195.
H. Wessels, Berkeley, (1) $640; (2) $2605.

18-19—RELIGIOUS BLDGS. BUILDINGS

2/21/46 • 19
PREPARING PLANS
MORTUARY Cost, $60,000
SAN JOSE, Santa Clara Co., Calif. Southeast corner 2nd and Reed Sts.
Construction of frame and stucco mortuary on a 120-ft. square site.
Owner—Rancadore & Alameda, 730 S. Second St., San Jose.
Architect—Higgins & Root, 84 S. 1st St., San Jose.

20-21—SOCIAL AND RECREATIONAL BLDGS.

2/21/46 • • 20
PROSPECTIVE BIDDERS
CROWS LANDING, Stanislaus Co., Calif.—As previously reported, until February 26, 11 A. M., bids will be received by the Public Works Dept., 12th Naval District, 1182 Market St., San Francisco, Room 402, for outdoor gunnery range at the Naval Auxilary Air Station, Crows Landing.

The work involves construction of three wood frame towers with enclosed house on top, one approximately 48 ft. high and 17 ft. square at base, and the other two each approximately 25 feet high and 8 ft. square at base; paving of firing platforms and walks, and construction of bullet stop, all with the necessary earthwork, paving, concrete construction, miscellaneous steel and iron work, roofing and sheet metal work, carpentry and joinery, glazing, hardware and field painting.

Specification No. 17507 and other bidding information may be obtained on application to Public Works Department, Design Section, 8th floor, Whitcomb Hotel, San Francisco. Deposit of check or postal money order for $10, payable to Chief of Bureau of Yards & Docks, is requred as security for safe return of each set of bidding data.

Following contractors have taken out plans:

Erbentraut & Summers, 446 Sixth St., San Francisco.
Underground Constr. Co., 807 75th Ave., Oakland.
Chas. E. Wait, 666 Mission St., San Francisco.
Patrick N. Sofarelli, Anitah, Hayward.
Johnson, Drake and Piper, 1736 Franklin St., Oakland.
Henry Arian, 4142 Geary Blvd., San Francisco.
J. Henry Harris, 2657 Ninth St., Berkeley.

2/21/46 20
PLANNED
ALTADENA, Los Angeles Co., Calif.—Architect Breo Freeman, 28 S. Fair Oaks Ave., Pasadena, has prepared sketches for construction of a new clubhouse on E. Foothill Blvd., at Lake Ave., Atladena, to be known as the Fred E. Nelson Memorial Building, for the Altadena Post No. 470, American Legion; cost, $100,000.

2/21/46 • 21
PLANS BEING FIGURED—BIDS OPEN MARCH 6, 12 NOON
THEATER
GUERNEVILLE, Sonoma Co., Calif.
Construction of reinforced concrete and masonry theater building.
Owner—Withheld.
Architect—Vincent G. Raney, 233 Post St., San Francisco.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070) is figuring plans and desires sub-bids on all portions of the work.

2/21/46 19
PLANS COMPLETED
CHURCH Cost, $25,000
OAKDALE, Stanislaus County, Calif.
Construction of church building.
Owner—First Church of Christ Scientists.
Architect—G. N. Hilburn, 1211 K St., Modesto.

2/21/46 19
PLANS COMPLETED
CHURCH Cost, $25,000
OAKDALE, Stanislaus County, Calif.
Construction of church building.
Owner—Church of Christ.
Architect—G. N. Hilburn, 1211 K St., Modesto.

2/21/46 19
PREPARING PRELIMINARY PLANS
CHURCH Cost, $100,000
MERCED, Merced County, Calif.
Construction of church building.
Owner—First Baptist Church.
Architect—G. N. Hilburn, 1211 K St., Modesto.

22-26—RESIDENTIAL BUILDINGS

2/20/46 24
WORKING DRAWINGS COMPLETED
BUNGALOW Est. Cost, $7000
SAN LEANDRO, Alameda Co., Calif.
Construction of 5-room bungalow, 1 bath, wood shake roof, hardwood floors, wall furnace, etc.
Owner—Withheld.
Architect—J. Lloyd Conrich, 593 Market St., San Francisco.

2/21/46 22
WORKING DRAWINGS COMPLETED
RESTAURANT Est. Cost, $50,000
SAN FRANCISCO. 1075 California Street.
Addition of restaurant to Huntington Hotel, class A construction.
Owner—Eugene Fritz, c/o architect.
Architect—J. Lloyd Conrich, 593 Market Street.

2/21/46 24
PREPARING WORKING DRAWINGS
RESIDENCE Cost, $30,000
SAN FRANCISCO. Marina Blvd.
Construction of 3-story and basement residence (10 rooms), 2 bathrooms and steam heating system.
Owner—H. G. Donner, c;o architect.
Architect—J. Lloyd Conrich, 593 Market St.

2/21/46 25
WORKING DRAWINGS COMPLETED
RESIDENCES
SAN FRANCISCO. Miraloma Park.
Construction of three residences (5 rooms each), composition roof, central heating system, oak floors, tile baths.
Owner—V. Rasmussen, c/o architect.
Architect—J. Lloyd Conrich, 593 Market St.

2/21/46 26
PREPARING PRELIMINARY PLANS
RESIDENCES
Estimated Cost, $10,000-$12,000 each
SAN RAFAEL, Marin County, Calif.
Construction of 12 residences (5 and 6 rooms)
Owner—Withheld.
Architect—J. Lloyd Conrich, 593 Market St., San Francisco.

2/21/46 24
PRELIMINARY SKETCHES
RESIDENCE Est. Cost, $6000-$7000
REDWOOD CITY, San Mateo Co., Calif.
Construction of 4-room week-end house, shake roof, central heating system, oak floors.
Owner—Miss Mulvaney, c/o architect.
Architect—J. Lloyd Conrich, 593 Market St.

2/21/46 24
PREPARING PRELIMINARY PLANS
RESIDENCE $15,000
SAN FRANCISCO. Southeast corner Beaumont and Lone Mountain Terrace.
Construction of 6-room, 2 baths, tar and gravel roof, gas-fired warm air furnace, hardwood floors.
Owner—Martin Donig, c/o architect.
Architect—J. Lloyd Conrich, 593 Market St.

2/21/46 22
WORKING DRAWINGS PREPARED
RESTAURANT
Estimated Cost, $4000-$5000
SAN FRANCISCO. 98 Market St.
Alterations to restaurant involving two restrooms and 2 dining rooms, kitchen.
Owner—John Harris, c/o architect.
Architect—J. Lloyd Conrich, 593 Market St.

2/21/46 22
PLANS COMPLETED
MOTEL Cost, $80,000
NEWMAN, Stanislaus County, Calif.
Construction of motel building.
Owner—Carl Auerso.
Architect—G. N. Hilburn, 1211 K St., Modesto.

2/21/46 26
TO START WORK
HOMES Est. Cost, $8500 each
CONCORD, Contra Costa Co., Calif. Leeper Tract, Cowell Rd.
Construction of eight 2-bedroom homes with floor area of 1000 sq. ft., for veterans (70-75x150).
Owner and Builder—George Zuckerman, Route 1, Box 283, Concord, Calif.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Water Supply and Sewage Disposal Plants 31-32
Bridges 33
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Docks, Piers & Harbors 35
Parks, Airports and Playgrounds 36
Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

33—BRIDGES

2/21/46 33
NOTICE
LOS ANGELES COUNTY, Calif.—Representative of the Bridge Department of the State Division of Highways will accompany prospective bidders over the proposed project in Los Angeles County, in the cities of Los Angeles and Long Beach road VII-LA-60-LA,G,L.Bch for whch bids are to be received in Los Angeles on March 14.

Said representative will meet prospective bidders at east end of Texaco plant at the Dominguez Channel bridge on State Street on Tuesday, March 5, at 11 A. M.

2/21/46 33
NOTICE
SANTA CLARA COUNTY, Cal.—Representative of the Bridge Department of the State Division of Highways will accompany prospective bidders over the proposed project n Santa Clara County, in the city of San Jose, IV-SC1-68,2-SJs for which bids are to be received in Sacramento on March 13.

Said representative will meet prospective bidders at Santa Clara and 30th Sts., San Jose, on Tuesday, March 5, at 2:00 P. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

34—DAMS, RESERVOIRS & DREDGING

(Continued on Page Seven)

35—DOCKS, PIERS & HARBORS

2/21/46 • 35
BIDS WANTED
SAN FRANCISCO.—Until March 6, 2:30 P. M., bids will be received by the Department of Public Works, Room 282 City Hall, under Spec. 20,054 for access opening in deck of Pier No. 38.

Specifications obtainable from the office of City Engineer Ralph Wadsworth, City Hall, upon deposit of $10.

36—PARKS, AIRPORTS & PLAYGROUNDS

2/21/46 36
BIDS OPENED
ST. GEORGE, Utah.—W. W. Clyde & Co., N. Main St., Springville, Utah, submitted the low bids on all schedules to the Civil Aeronautics Administration, 1500 4th St., Santa Monica, February 18 at (1) Sched. 1, Alt. A, $125,965; (2) Sched. 1, Alt. B, no bid; (3) Sched. 1, Alt. C, $102,925; (4) Sched. 1, Alt. D, no bid; (5) Sched. 1, Alt. E, no bid; (6) Sched. 1, Alt. F, $143,339; (7) Sched. II, $4194.25 for construction of improvements at the intermediate landing field at St. George, Utah; Proposal 6-46-129.

The total bids were:

(A) W. W. Clyde & Co., (1) $125,965, (2) no bid, (3) $102,925, (4) no bid, (5) no bid, (6) $143,339, (7) $4194.24.
(B) Brown Construction, Pueblo, Colo., (1) $132,194, (2) $127,954, (3) $117,203, (4) $114,363, (5) $162,130, (6) $159,290, (7) no bid.
(C) Utah Construction Co., Salt Lake City, (1) $177,466, (2) $160,506, (3) $150,776, (4) $139,416, (5) $301,754, (6) $213,112, (7) $7432.
(D) A. O. Thorn & Son Construction Co., Springville, Utah, (1) $206,070, (2) $206,070, (3) $177,320, (4) $177,320, (5) $267,435, (6) $267,435, (7) $4194.25.
(E) Wicks Engineering & Construction Co., bid only on (7), Sched 2, at $6888.

38—ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

2/21/46 38
BIDS OPENED
RITZVILLE, Wash.—The Agutter Electric Co, 952 E. Seneca, Seattle, Wash., at $181,500, submitted the low bid to and was recommended for award of contract by the Big Bend Electric Cooperative, Ritzville, Wash., February 15 for the construction of 200 miles of single phase, 7200-volt distribution line, located in Adams and Franklin counties.

The bids submitted were:

Agutter Electric Co., Seattle, $181,500.
Electric Smith, Spokane, $182,435.
Power City Electric Co., Spokane, $184,832.
James C. Roberts, Spokane, $198,715.

2/21/46 • 38
BIDS OPENED
SACRAMENTO, Calif.—The Bureau of Reclamation, Custom House, Denver, Colo., received bids Feb. 15 for furnishing suspension clamps, f.o.b. shipping point or Marysville, Calif., for the following Oroville-Sacramento 230-kv. transmission line; Invitation No. D-32-265-A:

The bids will be submitted as follows:
(1) 2400 suspension clamps for 795,000 circular mill aluminum conductor, steel reinforced, with armor rods having an outside diameter over the armor rods of 2.04-inch;
(2) 200 suspension clamps for 500,000 circular mil, General Cable Corp. type HH, hollow copper conductor having an outside diameter of 1.10-in. The clamp body shall be not less than 16 inches in length;
(3) 2200 suspension clamps for 500,000 circular mil, General Cable Corp. type HH, hollow copper conductor, having an outside diameter of 1.10-in. The clamp shall not be less than 11 inches in length;
(4) 2400 same as item 3, except for expanded type of copper conductor having an outside diameter of 1.10-in.

The bids were:

Ohio Brass Co., Mansfield, Ohio, f.o.b. destination, (1) $3.51, (2) $54.40, (3) $5.40, (4) $3.015; net.

General Electric Supply Corp., Paul Douden Co., Porcelain Products, Inc., Lapp Insulator Co., Jeffrey-DeWitt Insulator Corp., Locke Insulator Corp., Hendrie & Bolthoff Mfg. & Supply Co., submitted the following identical bids: (1) $3.915, (4) $3.015.

39—SEWERS

2/21/46 39
CONTRACT AWARDED
ALAMEDA, Alameda Co., Calif.—Sam Hunter, 7701 San Leandro Blvd., Oakland, at $4162 awarded contract by the Alameda City Council, City Clerk's Office, City Hall, for construction of a storm sewer on west side of Everett St. from Blanding Avenue to the estuary.

2/21/46 • 39
BIDS WANTED
SAN FRANCISCO.—Until March 6, 2:30 P. M., bids will be received by the Department of Public Works, Room 282 City Hall, under Spec. 20,057 for replacement of the 48th Ave. sewer from Balboa St. to Cabrillo St.

The work involves:
(1) 669 lin. ft. 12-in. vitrified clay pipe sewer;
(2) 46 each 12x6-in. Y branches;
(3) 4 each manhole frames and covers;
(4) 35 tons asphaltic concrete wearing surface;
(5) lump sum, traffic routing work.

Specifications obtainable from the office of City Engineer Ralph Wadsworth, City Hall, upon deposit of $10.

2/21/46 • 39
CONTRACT AWARDED
SAN FRANCISCO.—M. & K. Corp., 200 Financial Center Bldg., at $796,989.55 on Propositions BC and AD, awarded contract by the Department of Public Works, Room 282 City Hall, for construction of Scott St. sewer system, Sections BC and AD, on 17th, Church, 14th, Sanchez and Steiner Sts., between Treat Ave. and Waller St.

2/21/46 • 39
BIDS WANTED
GLENDALE, Los Angeles Co., Calif.—Until March 5, 10 A. M., bids will be received by the Glendale City Council, City Hall, Glendale, for the improving by grading, paving and the installation of sewers and appurtenant work in Dana and portions of Thompson Ave. and Flower St., Glendale.

2/21/46 • 39
BIDS WANTED
SAN FRANCISCO.—Until March 6, 2:30 P. M., bids will be received by the Department of Public Works, Room 282 City Hall, under Spec. 20,068 for construction of the Hampshire St. sewer, 25th St. to Army St. (Potrero Ave. sewer).

The work involves:
(1) 55 lin. ft. 2-ft. 6-in. x 3-ft. 9-in. reinforced concrete sewer with brick invert;
(2) 860 lin. ft. 2-ft. 6-in. x 3-ft. 9-in. reinforced concrete sewer without brick invert;
(3) 60 lin. ft. 15-in. vitrified clay pipe sewer;
(4) 44 lin. ft. 24-in. vitrified clay pipe sewer encased in concrete;
(5) 120 lin. ft. 10-in. vitrified clay pipe culvert;
(6) 1 each catchbasin trap;
(7) 4 each catchbasins;
(8) 5 each manholes on concrete sewer;
(9) 2 each manholes on brick and vitrified clay pipe sewer;
(10) 472 lin. ft. 8-in. vitrified clay pipe subdrains;
(11) 439 lin. ft. 10-in. vitrified clay pipe subdrains;
(12) 94 tons rock fill;
(13) lump sum, traffic routing work.

Specifications obtainable from the office of City Engineer Ralph Wadsworth, City Hall, upon deposit of $10.

(Continued on Page Eight)

RETAINING WALLS, ETC., LOS ANGELES

LOS ANGELES, Calif.—As previously reported, Contracting Engineers Co., 2310½ W. Vernon Ave., Los Angeles, at $127,632, submitted low bid to the State Division of Highways, G. T. McCoy, state highway engineer, State Bldg., Los Angeles, for construction of two overhead crossings and retaining walls on Santa Ana Parkway over Ramona Parkway Ramp 4 in Los Angeles.

Work involves:
(1) 5,100 c.y. rdwy. excav.;
(2) 1,300 c.y. struc. excav.;
(3) 3,100 c.y. struc. backfill;
(4) 2,260 c.y. Class A portland cement concrete;
(5) 642 l.f. concrete railing;
(6) 300,000 lbs. furnish bar reinf. steel
(7) 300,000 lbs. place do;
(8) 1,300 lbs. misc. iron and steel;
(9) 315 l.f. rubber water stop;
(10) electrical equipment;
(11) misc. items of work.

The total bids were:
(A) Contracting Engineers Co., Los Angeles, $127,632.
(B) Oberg Bros., Los Angeles, $128,767.
(C) J. E. Haddock, Ltd., Los Angeles, $133,101.30.
(D) Norman I. Fadel, Los Angeles, $138,084.
(E) Griffith Co., Los Angeles, $142,721.50.
(F) Spencer Webb, Los Angeles, $149,685.
(G) Peter J. Kiewit Sons Co., Los Angeles, $155,138.20.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)........	$ 1.00	$ 1.00	$ .70	$ 1.25	$ 1.50	$ 1.25	$ 1.00
(2)........	2.00	1.50	1.85	1.50	2.20	2.00	3.00
(3)........	2.00	.50	1.65	1.50	2.25	1.50	2.50
(4)........	35.00	40.00	38.00	38.00	39.00	44.50	44.65
(5)........	6.00	3.50	3.15	7.00	5.00	5.00	9.60
(6)........	.045	.04	.047	.045	.048	.05	.05
(7)........	.02	.02	.023	.025	.024	.02	.02
(8)........	.50	.30	.20	.30	.25	.50	.20
(9)........	2.00	2.00	1.60	3.00	2.10	2.00	2.40
(10)........	9000.00	7000.00	10,000.00	9900.00	9000.00	8000.00	8000.00
(11)........	1000.00	1500.00	2345.00	2500.00	2300.00	2000.00	1300.00

SEWERS AND WATER LINES, TRACY

TRACY, San Joaquin Co., Calif.—A. E. Downer, 305 E Weber Street, Stockton, at $8914.55 submitted low bid and awarded contract by the office of the city clerk, Charles E. De Freitas, City Hall, Tracy, for the construction of 8-in. and 10-in. vitrified clay lateral and intercepting sewers, and water distribution lines consisting of 4-in., 6-in. and 8-in. cast iron pipe with valves, valve boxes, hydrants and the necessary fittings and the final testing and sterilization of the lines.

Plans by Consulting Engineer John S. Bates, 3134 Eton Ave., Berkeley.

The work involves:
(1) 630 lin. ft. 10-in. vitrified pipe sewer;
(2) 940 lin. ft. 8-in. vitrified pipe sewer;
(3) two manholes;
(4) two lamp poles;
(5) 32 8x6 vitrified wye branches;
(6) one 10-in. stub;
(7) two 8-in. stubs;
(8) 1225 lin. ft. 8-in. cast iron water line;
(9) 972 lin. ft. 6-in. cast iron water line;
(10) 540 lin. ft. 4-in. cast iron water line;
(11) two 8x8x6x6-in. cast iron crosses
(12) two 8x8x4x4-in. cast iron crosses
(13) two 6x6x6-in. cast iron tees;
(14) two 4x4x6-in. cast iron tees;
(15) three 8-in. gate valves;
(16) six 6-in. gate valves;
(17) two 4-in. gate valves;
(18) four fire hydrants;
(19) 11 cast iron valve boxes.

Total bids follow:
(A) A. E. Downer, Stockton, $8914.55.
(B) Combs Bros., San Leandro, $8,989.85.
(C) Edwin J. Tobin, Berkeley, $9,369.50.
(D) A. J. Peters & Son, San Jose, $9729.87.
(E) McGuire & Hester, Oakland, $9,994.05.
(F) Close & Lewis, Hayward, $10,163.20.
(G) Underground Constr. Co., Oakland, $10,324.
(H) Freethy-Fogelberg, El Cerrito, $11,744.45.
(I) Steve P. Rados, Los Angeles, $14,115.50.

Unit prices follow:

	(A)	(B)	(C)	(D)*	(E)	(F)*	(G)	(H)	(I)
(1)........	$1.25	$1.60	$1.90	$1121.40	$1.65	$1323.00	$1.75	$2.15	$3.90
(2)........	1.15	1.40	1.60	1372.40	1.45	1410.00	1.42	1.75	2.10
(3)........	130.00	175.00	1.30	260.00	110.00	250.00	218.00	1.20	175.00
(4)........	20.00	50.00	30.00	52.00	15.00	40.00	60.00	25.00	50.00
(5)........	1.20	3.75	2.00	80.00	2.50	112.00	5.00	1.50	2.50
(6)........	3.00	7.50	3.00	2.50	1.50	5.00	4.00	1.00	10.00
(7)........	3.00	5.00	2.50	4.00	1.25	8.00	3.00	1.00	10.00
(8)........	2.65	2.35	2.50	3074.75	2.75	3920.00	2.66	3.55	3.50
(9)........	1.95	1.80	2.00	1092.52	2.15	1201.20	2.10	2.60	2.75
(10)........	1.50	1.50	1.40	810.00	1.75	756.00	1.60	1.85	1.55
(11)........	30.00	42.50	40.00	104.40	47.00	52.00	58.00	42.00	80.00
(12)........	30.00	40.00	38.00	104.40	43.00	45.00	52.00	37.00	80.00
(13)........	25.00	30.00	23.00	70.00	34.00	33.00	37.00	26.00	70.00
(14)........	25.00	30.00	24.00	104.00	37.00	33.00	39.00	27.00	50.00
(15)........	72.00	55.00	60.00	255.60	75.00	135.00	83.00	75.00	125.00
(16)........	52.00	40.00	40.00	371.40	60.00	192.00	57.00	50.00	95.00
(17)........	36.00	30.00	27.00	84.00	42.00	40.00	40.00	35.00	60.00
(18)........	130.00	125.00	120.00	602.00	125.00	520.00	160.00	150.00	140.00
(19)........	17.00	10.00	10.00	163.90	13.00	88.00	14.00	10.00	22.00

* Only total bids submitted.

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APPLEGARTH, G. A., 235 Montgomery Street.
APPLETON, A., 68 Post Street.
HYMAN & APPLETON, 68 Post St.
AUSTIN, ELIZABETH M., 1162 Filbert Street.

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BAKEWELL & WEIHE, 251 Kearny.
BANGS, E. GEOFFREY, 605 Market Street.
BAROVETTO, SILVIO L., 58 Sutter Street.
BARSS, FREDERICK B., 268 Market Street.
BAUMBERGER, WALTER E., 3225 Cabrillo Street.
BAUMANN, HERMAN C., 251 Kearny Street.
BERGER, G. A., 309 Valencia Street.
BERNARDI, THEODORE C., 402 Jackson Street.
WURSTER, BERNARDI AND EMMONS, 402 Jackson Street.
BERTZ, EARLE B., 156 Montgomery Street.
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BLANCHARD & MAHER, 369 Pine.
BISSANTZ ,EDGAR F., 2128 Vallejo.
BLISS, WILL M., 235 Montgomery St.
BLISS, WALTER D., 582 Market St.
BLISS & FAIRWEATHER, 582 Market Street.
BOLLES, JOHN S., 369 Pine St.
BORN, ERNEST, 730 Montgomery Street.
BRANNER, JOHN K., 210 Post St.
BICKEL, REDDICK H., 582 Market Street.
BROWN, ARTHUR Jr., 251 Kearny Street.
BUCKLEY, VINCENT, 110 Sutter St.

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CANTIN, A. MACKENZIE, 704 Market Street.
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CHINN, FRANCIS LAI, 622 Washington Street.
CIAMPI, MARIO J., 85 San Pablo Avenue.
CLARK, HERVEY P., 210 Post St.
CLAUSEN, CHAS. O., 746 46th Ave.
CLAUDIUS, CHARLES W., 2443 47th Avenue.
CLIFFORD, WALTER C., 310 Locust Street.
COBBY, E. V., 260 Tehama St.
COBLENTZ, DOROTHY W., 3647 Washington Street.
COLLINS, FREDERICK R., 1032 Hyde Street.
CONRICH, J. LLOYD, 593 Market St.
CORBETT, MARIO, 210 Post Street.
COULTER, NORMAN R., 251 Kearny Street.
DAILEY, GARDNER A., 210 Post St.
DAKIN, FRANK W., 625 Market St.
DAVIS, F. C., 515 Buena Vista Ave.
DAY, WM. PEYTON, 405 Montgomery Street.
DEICHMANN, OTTO A., 1026 Market Street.
DE MARTINI, EDMUND P., 785 Market Street.
DENKE, EDMOND H., 1317 Hyde St.
DEVITT, JOHN H., 580 Market St.
DINWIDDIE, JOHN EKIN, 233 Sansome Street.
MENDELSOHN, DINWIDDIE AND HILL, 233 Sansome Street.

EDIE, WM., 47 Rockwood Court.
EDWARDS, THOS. M., 704 Market.
EMMONS, DONN, 402 Jackson St.

FABRE, ALBERT J., 251 Kearny St.
FAIRWEATHER, J. S., 582 Market Street.
BLISS & FAIRWEATHER, 582 Market Street.
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FOLEY, JOHN J., 770 Fifth Avenue.
FRASIER, EMORY M., 1112 Larkin Street.
FRANKLIN, CHAS. H., 2645 Chestnut Street.
FRICK, EDWARD L., 251 Kearny St.
FUNK, JOHN C., 21 Columbus Ave.

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GLASS, EDWARD, 965 Union Street.
GOLDSTINE, IRVIN WILLIAM, 821 Market Street.
GOULD, J. S., 406 Montgomery St.
GUNNISON, WM. F., 1666 Golden Gate Avenue.
HARPER, W. W., 681 Market St.
HASS, ANDREW T., 525 Market St.
KENT & HASS, 525 Market Street.
HELM, WILLIAM J., 83 Marne Ave.
HEIMAN, S., 605 Market Street.
HERTZKA, W. S., 369 Pine St.
HERTZKA & KNOWLES, 369 Pine.
HILDEBRAND, ERNEST, 251 Kearny Street.
HILL, ALBERT HENRY, 233 Sansome Street.
MENDELSOHN, DINWIDDIE AND HILL, 233 Sansome Street.

HINTERMANN, OTTO G., 2847 Golden Gate Avenue.
HOBART, LEWIS P., 525 Market St.
HORSTMAN, ANTHONY J., 677 19th Avenue.
HOWARD, HENRY T., 2944 Jackson Street.
HUBBERT, WALLACE H., 580 Market Street.
HURD, LESTER W., 407 Sansome St.
MASTEN & HURD, 407 Sansome St.
HURT, EDGAR B., 582 Market St.
HYDE, WINFIELD H., 706 Butler Building.
HYMAN, SAMUEL LIGHTNER, 68 Post Street.
HYMAN & APPLETON, 68 Post St.
IGAZ, RUDOLPH, Jr., 785 Market St.
IRVINE ,RICHARD R., 3841 18th St.

JACOBS, ALFRED H., 110 Sutter St.
JAEHNE, ALFRED H., 2528 25th Avenue.
JOHNSON, ALFRED W., 681 Market Street.
JORGENSEN, MARK T., 60 Santa Ana Avenue.
JOSEPH, BERNARD J., 631 O'Farrell Street.
KENT, THOMAS J., 525 Market St.
KENT & HASS, 525 Market Street.
KEYSER, LAWRENCE, 701 Parnassus Avenue.
KNOLL, A. H., 726 Sutter Street.
KNOWLES, WM. H., 369 Pine Street.
HERTZKA & KNOWLES, 369 Pine.
KRAFFT, ELMER J., 760 Market St.
KRUSE, LAWRENCE A., 251 Kearny Street.
KUHN, ALFRED, 206 Castenada Ave.
KUMP, ERNEST J., 251 Kearny St.

LAMB, ARTHUR H., 251 Kearny St.
LANGHORST, FREDERICK L., 447 Sutter Street.
LEASEN, HARRY J., 1710 10th Ave.
LLOYD, F. E., 210 Post Street.
LOVELL, H. K., 185 32nd Avenue.

MAHER, EDWARD J., 369 Pine St.
BLANCHARD & MAHER, 369 Pine.
MASTEN, CHARLES F., 407 Sansome Street.
MASTEN & HURD, 407 Sansome St.
MASTEN, J. KENDALL, 2001 Sacramento Street.
MASTROPASQUA, LOUIS, 2434 Union Street.
MAURY, CHAS. F., 1617 Lyon Street.
MacDONALD, EARL R., 203 Garden Lane, Colma.
McCARTHY, FRANCIS J., 693 Mission Street.
McCREA, GEORGE E., 285 7th St.
McGUINNESS, JAMES F., 488 Pine Street.
McSWEENY, A. McF., Hearst Bldg., Third and Market Sts.
McSWEENEY, ANGUS, 514 Mission Street.
RESING & McGUINNESS, 486 Pine Street.
McLAUGHLIN, RICHARD A., 618 20th Avenue.
MENDELSOHN, ERIC, 233 Sansome Street.
MENDELSOHN, DINWIDDIE AND HILL, 233 Sansome Street.

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MEYER, FREDERICK H., 406 Montgomery Street.
MICHELSEN, HARRY M., 30 Madrone Street.
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MILLER & PFLUEGER, 580 Market Street.
MINTON, HENRY A., 1045 Sansome Street.
MITCHELL, JAS. H., 407 Sansome.
MOHR, NORMAND W., 481 Noe St.
MOONEY, WALTER E., 1229 Ulloa Street.
MOOSER, WILLIAM, 251 Kearny St.
MOOSER, WILLIAM, Jr., 681 Market Street.
MORGAN, JULIA, 465 California St.
NEUMARKEL, EMIL A., 1374 36th Avenue.
OGLOU, VLADIMIR, 2784 Sacramento Street.
OSBORNE, ERLE J., 2518 Pacific Avenue.
PAGE, EDWARD B., 251 Kearny St.
PERRY, WARREN CHAS., 260 California Street.
PETERSON, CLARENCE O., 604 Mission Street.
PEUGH, W. D., 333 Montgomery St.
PFLUEGER, MILTON, 580 Market St.
PFLUEGER, TIMOTHY L., 580 Market Street.
MILLER & PFLUEGER, 580 Market Street.
POLLACK, RALPH N., 700 Steiner Street.
POPE, CHARLES, 308 Laurel Street.
QUANDT, FRED W., 291 Golden Gate Avenue.
RANEY, VINCENT, 233 Post Street.
REID, JOHN, Jr., 405 Montgomery.
REIMERS, FREDERICK H., 79 Post Street.
RESING, EDMUND J., 488 Pine St.
RESING & McGUINNESS, 488 Pine Street.
REYNOLDS & CHAMBERLAIN, 564 Market Street.
RIEDY, D. A., 265 City Hall.
RIST, MARTIN J., 760 Market St.
ROGERS, CHAS. E. J., 760 Market St.
ROLLER, ALBERT F., 620 Market St.
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RUEGG, THEODORE G., 617 Montgomery Street.
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SMITH, DONALD POWERS, 58 Sutter Street.
SMITH, WILTON, 1045 Sansome St.
SMITH, THOMAS, 3121 26th Street.
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TRAVIS, GEO. W., 426 41st Ave.

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WEIHE, ERNEST E., 251 Kearny St.
BAKEWELL & WEIHE, 251 Kearny.
WELLINGTON, WINFIELD SCOTT, 260 California Street.
WHITE, C. BOLTON, 221 Spruce St.
WHITE, HUGH C., 915 Hillcroft Circle.
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WICKENDEN, JAMES D., 402 Jackson Street.
WILLARD, STANTON, 1847 29th Avenue.
WILLIAMS, ALBERT R., 251 Post Street.
WILLIAMS, ALFRED C., 1231 Fifth Avenue.
WILLIAMS, MORTON A., 5824 Ocean View Drive.
WILSON, ALECK L., 715 Montgomery Street.
WONG WORLEY K., 101 Post Street.
WYNKOOP, FRANK, 821 Market St.
WURSTER, BERNARDI AND EMMONS, 402 Jackson Street.
WURSTER, WM. W., 402 Jackson St.
WURSTER & BERNARDI, 402 Jackson Street.

ALAMEDA

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HASS, ANDREW T., 1711 Palmera Court.
HEWETSON, ANGELO, 1100 Versailles Avenue.

ALBANY

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CULLIMORE, C. C., 2329 Truxton Avenue.
WYNKOOP, FRANK, Haberfelde Building.

BELMONT

LARSEN, ALBERT H., Box 69.

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GILLAM, W. C. F., 1404 Palm Drive.
McSWEENEY, ANGUS, 112 Pepper Avenue.
NORBERG, ERNEST L., 407 Occidental Avenue.
SHARPS, L. J., 735 W. Poplar St.
SHARPS, LEO J., 1477 Burlingame Avenue.
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THAYER, OSCAR R., 1257 Cabrillo Avenue.

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ANTHONY, JOHN B., 2829 Forest Avenue.
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De MARS, VERNON, 1195 Euclid Avenue.
DeCHENE, ERNEST R., 716 Arlington Avenue.
DE LONG, SCOFIELD, 2656 Le Conte Avenue.
DeSANNO, RAYMOND, 2584 Milvia Street.
DONOVAN, JOHN J., 950 Parker St.
DRAGON, PAUL L., 2068 Allston Way.
FERREE, HAROLD, 2100 Virginia.
GENSS, HAROLD F., 1319 McGee Avenue.
GOODMAN, MICHAEL, 2161 Shattuck Avenue.
GUTTERSON, HENRY H., 2922 Garber Street.
deLAPPE, RUSSELL GUERNE, Hotel Claremont Bldg.
HARDMAN, B. R., 2068 Allston Way.
HAMMARBERG, PAUL H., 2 Norwood Avenue.
HATCH, JOHN DAVIS, 2631 Hillegass Avenue.
HAYMOND, SCOTT, 2328 Shattuck Avenue.
HAYS, WM. C., 2924 Darby Street.
HUNTER, ALBERT R., 1604 Capistrano.
JEANS, RAYMOND W., 1824 San Pedro Avenue.
JORY, ARTHUR V., 1395 Scenic Ave.
JORY, STAFFORD L., 1370 Euclid Avenue.
KLINKHARDT, GEORGE R., 44 Eucalyptus Road.
LAKE, H. RAFAEL, Claremont Hotel
LINDLEY, CHARLES R., 1037 Colusa Avenue.
MAYBECK, BERNARD R., 2751 Buena Vista Way.
MEMMLER, ARTHUR H., P. O. Box 124.
MILLER, LEFFLER B., 2369 Le Conte Street.
MOISE, HOWARD, 71 Panoramic Way.
MEYERS, MILDRED S., 2024 Central Avenue.
OFFICER, GWYNN, 2068 Allston Way.
PLACHEK, JAS. W., 2131 University Avenue.
PRICE, OSCAR M., 1667 Short St.
RATCLIFF, W. H., 2323 Shattuck Avenue.
RUSS, E., 3141 College Avenue.
SANFORD, FLORENCE H., 274 Bancroft Way.
SCHMIDTS, CARL R., 2068 Allston Way.
SHAW, NORMAN W., 71 Tunnel Rd.
SIMPSON, HORACE G., 201 Tunnel Road.
STEILBERG, WALTER T., No. 1 Orchard Lane.
TALLEY, WESLEY ANDRES, 51 Maryland Avenue.
THOMAS, JOHN HUDSON, 31 Norwood Avenue.
WAGNER, WALTER E., 775 Vincente Ave.
WELLINGTON, WINFIELD SCOTT, 1525 Arch Street.
WITKIN, ELIZABETH HILLIER, 2712 Shasta Road.
WOLFARD, HAROLD N., 2772 Shasta Road.
YELLAND, W. R., 829 Coventry Rd.

CARMEL

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GREENE, C. SUMNER, Box 1955.
JONES, ROBERT, Box 927.
LATHAM, MILTON, P. O. Box 1257.

CHICO

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REID, FRANCIS W., Route No. 1.

EL CERRITO

RIGGS, ROBERT, 7314 Hotchkiss Avenue.

EUREKA

ACKERMAN, NEWTON, 104 West Fourth Street.
GEORGESON, F. T., Box 55.

FAIRFAX

de COLMESNIL, GEO. T., 14 Canyon Road.

FRESNO

BUCKINGHAM, PHILIP S., 1922 Clinton Avenue.
COATES, W. D., 704 Helm Building.
COLLINS, ALLEN C., 356 Vassar.
FRANKLIN, CHARLES H., 1244 O Street.
HORN, DAVID H., 601 Rowell Bldg.
KUMP, ERNEST J., 1244 O Street.
LAKE, H. RAFAEL, 1205 Mattei Building.
PETERSON, EDW. W., Mason Bldg.
SWARTZ, FREDERICK L., 624 Rowell Bldg.

HAYWARD

SIMONDS, GEORGE P., 40 Main St.

HILLSBOROUGH

ROWE, WM. HENRY, 1035 Lancaster Road.

LAFAYETTE

EVANS, ROBERT J., Box 634.
NARBETT, KEITH O., Rt. 2, Box 30.

LARKSPUR

STONER, HAROLD G., 71 Marina Vista Ave.

LOS ALTOS

HODGSON, GILBERT, Rte. 1, Box 697.

LOS GATOS

ROOT, CHESTER, Blossom Hill Rd.
KENSIT, HENRY DAVID, Post Office Bldg.

MENLO PARK

FENNACY, JOHN E., 715 College Avenue.
HEMPEL, WM. F., 380 Laurel Dr.
YOUNG, JOHN D., N. Lemon Ave.

MILL VALLEY

BERTENSHAW, JAS. W., 420 Moline Avenue.
LAMB, ARTHUR H., 209 Oakdale Avenue.
MILANO, J. P., de Silva Island.

MODESTO

De LAPPE, RUSSELL GUERNE, 1901 Downey Street.
HILBURN, GEORGE N., 1211 K St.

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RYLAND, C. P., P. O. Box 847.
STANTON, ROBT., Pebble Beach.

OAKLAND

ANDERSON, ARTHUR W., 1801 Bank of America Building.
BAXTER, WM. F., 1025 Second Ave.
BLAINE, ROGER W., 5574 Florence Avenue.
BLODGETT, EDWARD OSCAR, 1989 Hoover Avenue.
BROOKE, HERBERT VAUGHN, 542 Fairbanks Avenue.
BROWN, GUY L., 601 Bank of Commerce Building.
BRUNO, HARRY A., 1440 Broadway.
CERRUTI, EDW. D., 426 13th Street.
CHAMBERLAIN, LOY, 3833 Piedmont Avenue.
COLEMAN, N. L., Lafayette.
COLLINS, ALLEN C., 5945 Marden Lane.
CORLETT, WILLIAM G., 1801 Bank of America Building.
DENKE, A. REINHOLD, 634 15th St.
deLAPPE, RUSSELL GUERNE, 5460 Carlton.
ELLINGER, GEO. E., 1801 Casterline Road.
EVANS, JOHN M., 1308 E. 38th St.
FLORES, ERNEST, 2225 9th Avenue.
FORD, LEONARD H., 3361 Bruce St.
FOULKES, EDWARD T., 357 12th Street.
FROBERG, ALBEN, 3454 Harlan St.
GEBHARDT, W. H., 486 Mandana.
GEERING, JOHN HENRY, 3914 Randolph Avenue.
GIBBS, W. ROLAND, 6144 Rockridge Blvd. South.
GOSLINE, RICHARD C., 638 Caldwell Road.
HANIFIN, ARTHUR C., 3202 San Pablo Avenue.
HUDSPETH, JOHN, 427 13th Street.
HUTCHISON, ROBERT A., 3433 Andover Street.
JOHNSON, IRVIN M., 449 MacArthur Blvd.
JOHNSON, HERBERT T., 4716 Reinhardt Drive.
JOHNSON, KEPLAR B., 5347 Golden Gate Avenue.
KEEFER, RAY F., 770 Wesley Ave.
KOUE, A. LEWIS, 428 Thirteenth St.
LUIS, MISS ROSE E., 811 6th St.
MAYHEW, CLARENCE W., 6026 Acacia Street.
McCALL, CHAS. W., 837 Santa Rey Avenue.
MILLER, CHESTER H., Financial Center Building.
MORRISON, MILTON, 3710 Virden Avenue.
MORROW, GERTRUDE C., 6175 Hillegass Avenue.
MORROW, IRVING F., 6175 Hillegass Avenue.
NEWSOM, ARCHIE T., 5951 Contra Costa Road.
OLSON, DAVID, 4051 Kuhnle Ave.
PONSFORD, KEITH E., 1214 Webster Street.
PRICE, OSCAR M., 2025 10th Ave.
REYNOLDS, MALCOLM D., 3833 Piedmont Avenue.
SAWYER, HOUGHTON, 2058 Oakland Avenue.
SCHALK, LOUIS, 5515 Market St.
SCHIRMER, WM. E., 1419 Broadway.
SLOCOMBE, FRANCIS H., 132 Monte Cresta Avenue.
THOMSON, LAWRENCE G., 1308 E. 38th Street.
TREICHEL, CHESTER H., 696 Cleveland St.

ORINDA

ANDERSON, JAMES H., No. 5 Via Hermosa.
SISSON, RALPH C., 11 El Campanero.
WHITE, LAWRENCE R., 30 La Cintilla.
WINTER, ALBERT H., 171 Las Vegas Road.

PALO ALTO

STEDMAN, HENRY MORGAN, 666 Kellogg Avenue.
SUMNER, CHAS. K., Decker Oak Building.
BOYTER, ELIZABETH, 316 Kipling.
CLARK, BIRGE M., 310 University Avenue.
CLARK, DAVID B., 310 University Avenue.
THOMSON, DOLE FORD, 179 Lincoln Avenue.
NICHOLS, LESLIE I., 532 Emerson.
SAWYER, CHARLES, 155 Dana St.
SUMNER, CHAS., 760 University.

PIEDMONT

FARR, ALBERT, 175 Santa Rosa.
NEWSOM, NOBLE, 2083 Oakland Avenue.
BURNETT, HOWARD E., 52 Manor Drive.
CHAPMAN, FREDERICK A., 86 Wildwood Avenue.
GALLION, ARTHUR B., 1074 Annerley Road.
MILWAIN, W. E., 1503 Oakland Ave.

ROSS

WINNER, H. H., Wordsworth Ave.

SAN CARLOS

HODGSON, GILBERT, 1212 Cherry Street.

SALINAS

BUTNER, CHAS. E., 7 Winham St.

SAN JOSE

BINDER, WILLIAM, 35 W. San Carlos Street.
CURTIS, E. N., 35 W. San Carlos St.
HIGGINS, WM. L., 84 S. First St.
JAEKLE, DONNELL E., Builders' Exchange Bldg.
KRESS, EDWARD W., 515 First National Bank Building.
McKENZIE, CHAS. S., 22 S. 7th St.
ROOT, CHESTER, 84 S. First St.
SOBEY, GIFFORD E., 69 S. First St.
WYCKOFF, RALPH, Anglo Bank Building.

SACRAMENTO

ADAMS, ELLIOT J., 1153 Swanston Drive.
ASHCROFT, G. B., 1419 13th Street.
BARTGES, W. K., 418 25th Street.
BOYD, ANSON, 2691 14th Street.
CUFF, CLARENCE C., 1315 Q St.
DANIELS, W. K., 2640 3rd Avenue.
DEAN, CHARLES F., 1407 California State Life Building.
DeHAVEN, H. W., 1175 Robertson Way.
DEVINE, HARRY J., Cronan Bldg.
DUDMAN, ARTHUR F., 1400 44th St.
EICHLER, ALFRED, 2717 Harkness Avenue.
FRANKLIN, CLIFFORD N., 1739 9th Avenue.
FRANCESCHI, R. R., Rt. 5, Box 8115
GILLEM, JAMES A., 4701 D Street.
GOODPASTER, HERBERT E., Mitau Building.
HARRISON, FREDERICK S., 1812 Del Paso Blvd.
LEWIS, W. O., 2741 Tiago Way.
LONG, W. J., 4209 "T" Street.
MANHART, W. E., Rt. 6, Box 8346.
MURRAY, ROBERT D. Rt. 9, Box 1061.
POAGE, P. T., 1610 12th Avenue.
SEADLER, EUGENE, 2749 10th Ave.
SATTERLEE, IVAN C., California State Life Building.
SELLON, GEO. C., California State Life Building.
STAFFORD, GORDON, 1825 3rd Ave.
STARKS, LEONARD F., 416 Native Sons' Building.
WILLARD, STANTON, 1606 Cara-

SAN LEANDRO

KERR, RALPH N., 308 Broadmoor Boulevard.
KREINKAMP, H. A., 684 Maple Court
MOWBRAY, MELTON V., Jr., 756 Rodney Drive.
ROSEBROOK, GUY L., 1706 San Leandro Blvd.

SAN MATEO

COLLINS, HENRY C., No. 9 Aragon Boulevard.
EDWARDS, THOMAS M., 123 Elm Street.
HESS, KENNETH H., 1444 Shafter.
TOEPKE, WM. H., 230 Chesterton Pl.
LANSBURGH, G. ALBERT, 28 W. Fourth Avenue.
ROWE, WILLIAM HENRY, 1035 Lancaster Road, Hillsborough.

SAN RAFAEL

GROMME, CARL F., 110 "B" Street.
LESSWING, SYLVESTER A., 17 Hillcrest Drive.
McDOUGALL, GEO. B., Box 265.

SANTA CRUZ

DUCKERING, LYNN ROLLETT, 27 Front Street.

SANTA ROSA

CAULKINS, C. A., Jr., Rosenberg Building.
FELCIANO, J. CLARENCE, 4010 Montecito Avenue.
HERBERT, WM. F., 1633 Austin Way.

SAUSALITO

BICKEL, REDDICK H., 148 Harrison Avenue.
CONSTABLE, ARNOLD S., 95 Spencer Avenue.
FAVILLE, WM. P., 35 Central Ave.
KETT, CONRAD F. T., 75 Crecienta.

SONOMA

JORGENSEN, VIRGIL W., Route 1, Box 399.

STOCKTON

BISSELL, HOWARD G., 1225 W. Acacia Street.
CLOWDSLEY, J. UPTON, 1767 Lucerne Street.
ERNST, ELMORE G., 501 E. Harding Way.
GALBRAITH, VICTOR, 834 W. Willow Street.
JOHNSON, ERIC, Elks' Building.
LOSEKANN, JOSEPH, 311 E. Market Street.
MAYO, FRANK V., 3119 N. American.
SALA, PETER L., 2130 N. Commerce Street.

STANFORD UNIVERSITY

WARD, EUGENE V., 627 Salvatierra Street.

SUSANVILLE

TAYLOR, RALPH D., 716 Court St

VALLEJO

FRENCH, EDW. R., Jr., 39 Santa Paula Way.
PERRY, CHARLES E., 514 Marin St.

WALNUT CREEK

FORD, LEONARD H., 1350 Main St.
COMSTOCK, FLOYD B., RFD No. 1, Box 347R.
DEAN, MARSHALL, Colonial Inn, 1329 Main St.

Structural Engineers

SAN FRANCISCO

ADRIAN, W., 417 Market Street.
APPLEFORD, CARL W., 245 Market.
BARKER, RALPH, 63 Fernwood Dr.
BEEBEE, RALPH A., 1261 41st Ave.
BLUME, JOHN A., 68 Post Street.
BOGVAD - CHRISTENSEN, VILHELM, City Hall.
BREITE, W. W., 375 Sutter Street.
BROWN, ARCHIBALD A., 461 Market Street.
BRUNNIER, H. J., 612 Sharon Bldg.
BUELL, RAYMOND C., Second Floor Call Building.
BULLEN, ARTHUR C., 2 Pine Street.
BURGESS, E. O., 1200 17th Street.
BUSH, PHILIP LEE, 101 California.

CHACE, THOMAS F., 268 Market St.
CHERNO J., 245 Market Street.
CHEW, RICHARD SANDERS, 844-A Mills Building.
CORWIN, T. J., Jr., 245 Market St.
COTTEN, SHEPARD M., 308 Eddy.

DEGENKOLB, HENRY J., 405 Montgomery Street.
DEWELL, HENRY D., 604 Mission.

EARL, AUSTIN W., 233 Sansome St.
ELLISON ,W. H., 500 Sansome St.
ENGLE, HAROLD MARSHALL, 110 Sutter Street.
FALK, MARK M., 251 Kearny St.
FISHER, ALFRED P., 300 Montgomery Street.

FISHER, R. J., 826 Crocker Building.

GOULD, JOHN J., Financial Center Building.

HALL, FREDERIC F., 251 Kearny.
HAMMILL, HAROLD B., 381 Bush.
HANSON, ROBERT A., 19th and Indiana Streets.
HARRIS, FREDERIC R., Inc., 1045 Sansome Street. California Street.
HASSENMILLER, WILFORD S., 100 Bush Street.
HAUN, GEORGE CLEVELAND, 580 Market Street.
HAYES, JESSE E., 525 Market St.
HENRY, RODNEY WM., Shell Oil Building.
HILL, GEORGE S., 36 Diamond St.
HJUL, JAMES H., 128 Russ Street.
HUBER, EARL RAYMOND, USFS, Phelan Building.
HUBER, WALTER LeROY, 1 Montgomery Street.

IRVIN, LESLIE A., Fort Winfield Scott.

JAKOBSEN, B. F., Balfour Building.

KEGLER, HOWARD L., 661 29th Avenue.
KELLBERG, F. W., 320 Market St.
KING, STANLEY C., 509 Sansome St.
KNAPIK, EDWARD MATHIAS, 1325 Crocker 1st National Bank Bldg.
KRAFFT, ALFRED J., Phelan Bldg.

LEVY, EDWIN F., 727 17th Avenue.
LITTLE, JOHN GOULDING, 251 Kearny Street.

MARDEL, CHARLES M., 2335 Pacific Avenue.
MEYERHOLZ, R. IVAN, 245 Market.

NISHKIAN, L. H., 1045 Sansome St.

PAQUETTE J. ALBERT, 320 Market Street.
PERKINS, MAC D., 110 Sutter St.
PHILLEO, R. A., CEC Hq., 4th Air Force.
POWERS, H. C., 612 Sharon Bldg.
PREGNOFF, M. V., 251 Kearny St.
RINNE, JOHN E., 225 Bush Street.

ROSENTHAL, HYMAN, 617 Montgomery Street.
ROSENWALD, JESSE, 525 Market.
SAMPSON, RAPHAEL, 333 Montgomery Street.
SAPH, A. V., Jr., Rialto Bldg.
SCHELLENBERG, G. W., 225 Bush.
SEAGE, CLARENCE E., 681 Market Street.
SJOBERG, HAROLD O., 233 Sansome Street.
SKYTTE, JOHANNES, City Hall.
SMITH, HARVEY A., 712 Pacific Building.
SMITH, JAS. M., 251 Kearny Street.
SPITZER, FELIX H., City Hall.
SQUIRE, HARRY EDWIN, 19 Ferry Building.
STEELE, I. CLEVELAND, 245 Market Street.
SWAIN, CLARKSON, 320 Market St.

THAYER, EDWARD S., 1208 Balfour Building.
THEILL, KAJ, 580 Market Street.
THOMPSON, ISADORE, 58 Sutter.
VENSANO, H. C., City Hall.

WASHINGTON, GEO., 417 Market.
WHIPPLE, S. K., 225 Bush Street.
WHITE, FRANK G., 18 Ferry Bldg.
WOODRUFF, GLENN B., 333 Montgomery Street.
WRIGHT, J. G., 233 Sansome Street.
ZOLLNER, CARL W., 333 Kearny St.

OAKLAND

ANDERSON, ARTHUR W., 1801 Bank of America Bldg.
BASTOW, J. G., Grove Street Pier.
COOLEY, R. H., 354 Hobart Street.
CORLETT, WILL G., 1801 Bank of America Building.
COTTERILL, GEO. W., 5354 Lawton Avenue.
DALTON, ROBT. DOCK, 1630 Webster Street.
DEWELL, ROBERT D., 6231 Contra Costa Road.
ELLERY, N. B., 2124 Coloma Street.
GUPTILL, JOSEPH R., 5936 McAndrews Drive.
HANSEN, CHARLES, Grove St. Pier.
KENNEDY, ROBT. CHAS., 512 16th Street.
KITCHEL, MILTON P., City Hall.
LYMAN, RICHARD F., Jr., 6602 Chabot Road.
MANOV, MATEO M., 337 17th Street.
NEVIUS, SEARLE B., 184 13th St.
O'NEIL, HUGH M., 363 17th Street.
PLANT, FRANCIS B., 858 Alma Ave.
SANDNER, VICTOR R., c/o Moore Drydock Company.
SAWYER, FRANK L., 1025 2nd Ave.
SCHIRMER, HOWARD A., 1444 14th Street.
SLY, CLARENCE JEFFERSON, 638 Miranda Street.
THURSTON, EUGENE T., 869 Rosemount Road.
WHITTON, CHAS. A., 1025 2nd Ave.
WILLIAMSON, H. P., 3589 Fruitvale Avenue.

WASHINGTON, D. C.

LOTZ, WM. D., Bureau of Yards and Docks.

WALNUT CREEK, CALIF.

McKEE, GEORGE T., Saranap.

LOS ALTOS

NORDWELL, ALFRED W., Box 218.

ROSS

NORDWELL, ALFRED W., Box 218.

WOODLAND

PROCTOR, ASA G., P. O. Box 327.

SAN ANSELMO

HJORT, SIGGE I., Box 261.

SACRAMENTO

AEPPLI, ERNEST, Rte. 9, Box 1353.
BROWNFIELD, ALLEN H., 5033 V Street.
BUEHLER, WALTER A., 3410 Land Park Drive.
ENGER, ARTHUR L., Public Works Building.
EWING, M. A., 1120 "N" Street.
FRANCIS, ERNEST D., Cronan Building.
HOLLISTER, LEONARD C., State Bridge Department.
HUTCHINSON, RALPH W., Public Works Building.
ILLERICH, OTTOMAR THEODORE, Public Works Building.
JOHNSON, FRANK A., Public Works Building.
KROMER, CLARENCE HERBERT, Wright Building.
LONG, WALTER J.; Department of Public Works.
McGINNESS, ARTHUR R., Old Post Office Building.
MEEHAN, ANDREW J., 2640 Fifth Avenue.
NELLDOV, IVAN M., Public Works Building.
PANHORST, F. W., P. O. Box 1498.
PETERSEN, WM., HARTMAN, Public Works Building.
PURCELL, CHARLES H., 210 Public Works Building.
REYNOLDS, FRANK HOWARD, 905 Forum Building.
ROWE, R. ROBINSON, 330 Public Works Building.
SHIELDS, JAMES RALPH, 205 City Hall.
STOVER, HARVEY D., 327 Public Works Building.
WALKER, ARTHUR V., 1020 "N" St.
WILLETT, ALBERT B., 708 35th St.
WILLETT, D. C., Public Works Bldg.

ALAMEDA

ASHCROFT, GLEN B., 1823 Alameda Avenue.
GORMAN, SIDNEY S., 2308 Webster Street.
GREEN, FREDERICK M., 927 San Antonio Avenue.
HESS, C. W., 1242 Hawthorne Street.

BERKELEY

DAVIS, RAYMOND E., University of California.
DERLETH, CHARLES Jr., 218 Engineering Bldg., U. of C.
JAMEYSON, BRUCE, C. E. Bldg., U. of C. Campus.
JENNINGS, GEORGE H., 1715 Buena Avenue.
SEAGE, CLARENCE E., Jr., 10062 Broadway Terrace.
WIELAND, CHAS. F., 190 Hillcrest Road.

STOCKTON

BAMBERGER, SIDNEY F., P. O. Box 1848.
GULICK, CHAS. W., College of the Pacific.

SAN MATEO

BERTWELL, WILLIAM, 615 Columbia Drive.
COX, HARRY A., 215 Elm Street.

PIEDMONT

BROWN, ULYSSES G., 32 Arbor Dr.
COLLINS, MERTON C., 82 Fairview Avenue.

FORT BAKER

BELL, CHARLES LAMBERT.

PALO ALTO

GILL, G. F., 550 Forrest Avenue.
WELLS, JAS. BERTRAND, 846 Lytton Avenue.
WING, CHAS. B., 345 Lincoln Ave.

No. California County and City Engineers

ALAMEDA, Carl Froerer.
ALAMEDA CO., Wallace B. Boggs.
ALBANY, U. R. Grey.
ANTIOCH, John S. Bates.
ARCATA, Hal C. Acheson.
ATHERTON, James S. James.
ATWATER, W. E. Bedesen.

BAKERSFIELD, Joseph Holfelder.
BELMONT, Robert Klassen.
BENICIA, Phil R. Jones.
BERKELEY, Harry Goodridge.
BURLINGAME, Cecil L. Longson.
BUTTE COUNTY, Bert Paxton.

CALAVERAS CO., Oliver C. Wyllie.
CALISTOGA, Clyde C. Kennedy.
CHICO, Frank Robinson.
CONCORD, John S. Bates.
CONTRA COSTA CO., J. W. Barkley.

DALY CITY, Robert Klassen.
DAVIS, Alexander M. McKinnon.
DEL NORTE CO., H. M. Malpas.
DOS PALOS, W. E. Bedesen.

EL CERRITO, R. R. Randall.
EMERYVILLE, Geo. T. Oliver.
EUREKA, Geo. S. Winzler.
EXETER, Irvin M. Althouse.

FRESNO COUNTY, A. J. Nielsen.

GILROY, W. J. Hanna.

HANFORD, Walter K. Hopkins.
HAYWARD, J. A. Mancini.

KERN COUNTY, J. R. Thornton.
KING CITY, H. F. Cozzens.
KINGS COUNTY, J. H. Hayes.

LIVERMORE, C. G. Clarke.
LIVINGSTON, W. E. Bedesen.
LODI, Clinton Henning.
LOS BANOS, W. E. Bedesen.
LOS GATOS, L. Cedric Macabee.

MANTECA, John S. Bates.
MARIN COUNTY, C. P. Clow.
MARTINEZ, Leonard McClintock.
MARYSVILLE, F. H. Divver, Jr.
MENLO PARK, Edwin Smith.
MERCED, G. E. Winton.
MERCED CO., W. E. Bedesen.
MILL VALLEY, Edward Hussey.
MODESTO, Frank J. Rossi.
MONTEREY, Howard Severance.
MONTEREY CO., H. F. Cozzens.
MOUNTAIN VIEW, M. C. Christensen.

NAPA, H. A. Harrold.
NAPA COUNTY, E. P. Ball.
OAKLAND, Walter N. Frickstad.
OROVILLE, S. J. Norris.

PACIFIC GROVE, Alfred D. Coons.
PALO ALTO, Fabian S. Miller.
PASO ROBLES, Hal Johnson.
PETALUMA, S. Gonzales.
PINOLE, Ross Calfee.
PITTSBURG, E. L. O'Hara.
PLACER COUNTY, John A. Shields.
PORTERVILLE, Irvin H. Althouse.

REDDING, A. H. Ross.
REDWOOD CITY, R. A. Klassen.
RICHMOND, E. A. Hoffman.

SACRAMENTO, Fred J. Klaus.
SACRAMENTO CO., A. L. Kiefer.
SALINAS, Donald Davies.
SAN BRUNO, C. L. White.
SAN CARLOS, R. A. Klassen.
SAN FRANCISCO, R. G. Wadsworth.
SAN JOAQUIN CO., J. B. Manthey.
SAN JOSE, Harold J. Flannery.
SAN LEANDRO, Chas. P. Martin.
SAN MATEO, Harold Porter.
SAN MATEO CO., M. A. Grant.
SAN RAFAEL, Raymond A. Boege.
SANTA CLARA, Edgar C. Schott.
SANTA CLARA CO., R. D. Chandler.
SANTA CRUZ, Robert Jennings.
SANTA CRUZ CO., A. B. Baldwin.
SANTA ROSA, Walter F. Adams.
SHASTA COUNTY, Ernest Breuning
SEBASTOPOL, Walt Adams.
SISKIYIU COUNTY, A. F. Parrott.
SOLANO COUNTY, J. R. Burnham.
SONOMA CO., Marshall M. Wallace.
SONORA, B. H. Maynard.
SOUTH SAN FRANCISCO, Charles T. Broughton.
STANISLAUS CO., G. D. Macomber.
STOCKTON, Lyle Payton.
SUISUN, F. A. Steiger.
SUNNYVALE, H. N. Bishop.
SUSANVILLE, M. J. Tilley.
SUTTER CO., Edward Von Geldern.

TEHAMA CO., Chas. A. Luning.
TRACY, John S. Bates.
TULARE CO., T. Wayne Switzer.
TURLOCK, Don Davis.
TULARE, John Boardman.
VALLEJO, T. D. Kilkenney.

VISALIA, Norman A. Huth.

WOODLAND, Asa G. Proctor.

YOLO COUNTY, Henry Von Dorsten
YREKA, Howard O'Connor.

ADVANCE CONSTRUCTION REPORTS

ENGINEERING SECTION

34—DAMS, RESERVOIRS & DREDGING

2/21/46 34
BIDS WANTED

BOULDER CANYON PROJECT.—Until March 19, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Yuma, Ariz., under Spec. 1195 for the construction of earthwork, canal lining and structures, stations 5725+00 to 6106+06, Coachella Canal, All-American Canal System, Boulder Canyon Project, Arizona-California-Nevada. The work is situated in the vicinity of Indio, Calif.

The principal items of work and the estimated quantities involved are as follows:

Schedule No. 1

(1) 396,500 cu. yds. excavation for canal;
(2) 220,000 cu. yds. excavation for drainage channels and dikes;
(3) 44,000 cu. yds. excavation for structures;
(4) 64,000 cu. yds. compacting embankments;
(5) trimming 201,400 sq. yds. foundations for concrete lining;
(6) 800 cu. yds. compacted subbase;
(7) 30,000 cu. yds. backfill about structures;
(8) 13,000 cu. yds. compacting backfill;
(9) 12,800 cu. yds. backfill at top of concrete lining;
(10) 19,000 cu. yds. riprap;
(11) constructing 330 cu. yds. reverse filter;
(12) 50 cu. yds. pit-run gravel blanket
(13) 4200 cu. yds. concrete in structures;
(14) 9800 cu. yds. concrete in unreinforced lining;
(15) 9800 cu. yds. concrete in reinforced lining;
(16) placing 610,000 lbs. reinforcement bars;
(17) placing 287,500 lbs. reinforcement fabric in canal lining;
(18) placing 1500 sq. ft. elastic filler material in joints;
(19) placing 820 lin. ft. rubber water stop in joints;
(20) erecting 112 M ft. b.m. timber in structures;
(21) laying 392 lin .ft. 12-in. diameter concrete pipe;
(22) laying 168 lin. ft. 18-in. diameter concrete pipe;
(23) laying 280 lin. ft. 24-in. diameter concrete pipe;
(24) laying 96 lin. ft. 36-in. diameter concrete pipe;
(25) laying 40 lin. ft 12-in. diameter asbestos-cement pipe;
(26) jacking 80 lin. ft. 84-in. diameter concrete pipe under railroad;
(27) installing 6800 lbs. screw-lift gates;
(28) installing 18,000 lbs. radial gates;
(29) installing 20,000 lbs. radial-gate hoists and operating and control mechanisms;
(30) installing 6500 lbs. metal water stops in joints;
(31) installing 3200 lbs. miscellaneous metal work;
(35) placing 65 cwt. bituminous material in float drums;
(33) installing 360 lin. ft. electric metal conduits;
(34) installing 50 lbs. ground wires.

Schedule No. 2

(1) 410,000 cu. yds. excavation for canal;
(2) 220,000 cu. yds. excavation for drainage channels and dikes;
(3) 44,000 cu. yds. excavation for structures;
(4) 64,000 cu. yds. compacting embankments;
(5) trimming and preparing 208,400 sq. yds. foundations for asphaltic-concrete lining;
(6) 800 cu. yds. compacted subbase;
(7) 30,000 cu. yds. backfill about structures;
(8) 13,000 cu. yds. compacting backfill;
(9) 12,800 cu. yds. backfill at top of asphaltic-concrete lining;
(10) 19,000 cu. yds. riprap;
(11) constructing 330 cu. yds. reverse filter;
(12) 50 cu. yds. pit-run gravel blanket
(13) 4200 cu. yds. concrete in structures;
(14) 208,400 sq. yds. asphaltic-concrete course for canal lining;
(15) 2100 tons of asphalt for asphaltic-concrete;
(16) 170 tons asphalt for seal treatment;
(17) placing 610,000 lbs. reinforcement bars;
(18) placing 1130 sq. ft. elastic filler material in joints;
(19) placing 820 lin. ft. rubber water stop in joints;
(20) erecting 112 M ft. b.m. timber in structures;
(21) laying 392 lin. ft. 12-in. diameter concrete pipe;
(22) laying 168 lin. ft 18-in. diameter
(23) laying 280 lin. ft. 24-in. diameter concrete pipe;
(24) laying 96 lin. ft. 36-in. diameter concrete pipe;
(25) laying 40 lin. ft. 12-in. diameter asbestos-cement pipe;
(26) jacking 80 lin. ft. 84-in. diameter concrete pipe under railroad;
(27) installing 6800 lbs. of screw-lift gates;
(28) installing 18,000 lbs. radial gates;
(29) installing 20,000 lbs. radial-gate hoists and operating and control mechanisms;
(30) installing 6500 lbs. metal water stops in joints;
(31) installing 3200 lbs. miscellaneous metal work;
(32) placing 65 cwt. bituminous material in float drum;
(33) installing 360 lin. ft. electrical metal conduits;
(34) installing 50 lbs. ground wires.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo.; E. A. Moritz, regional director, Administration Bldg., Boulder City, Nev.; J. K. Rohrer, acting construction engineer, Yuma, Ariz., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the acting construction engineer.

No charge to prospective bidders for copies of the specifications and drawings; to others, $2.50 per copy, not returnable.

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BIDS WANTED

CENTRAL VALLEY PROJ., Calif.—Until March 29, 10 A. M., bids wll be received by the U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Friant, under Spec. 1204, for the construction of earthwork, concrete lining, and structures, for Friant-Kern Canal, Sta. 1647 plus 75 to Sta. 3876 plus 00, Friant Division, Central Valley Project. The work extends from 18 miles east of Fresno to 10 miles east of Visalia.

The principal items of work and estimated quantities involved are as follows:

SCHEDULE No. 1
Stations 1647 plus 75 to 1932 plus 75

(1) 1,045,000 c.y. common excav. for canal;
(2) 212,500 c.y. rock do;
(3) 100,000 sta. c.y. overhaul;
(4) 67,300 c.y. compacting embankment;
(5) 5,600 c.y. common excavation for drainage channels and dikes;
(6) 500 c.y. rock do;
(7) 16,500 c.y. common excavation for structures;
(8) 200 c.y. rock do;
(9) preparing 67,000 s.y. rock foundations for concrete lining;
(10) trimming 227,000 s.y. of earth foundations for concrete lining;
(11) 100 c.y. rockfill;
(12) constructing 80 c.y. of reverse filters;
(13) 1,550 s.y. dry-rock paving;
(14) 11,700 c.y. backfill about struc.;
(15) 4,700 c.y. compacting backfill;
(16) 1,460 c.y. concrete in structures;
(17) 500 c.y. concrete in bridges;
(18) 14,150 c.y. concrete in reinf. canal lining;
(19) 14,150 c.y. concrete in unreinf. canal lining;
(20) placing 336,000 lbs. reinf. bars in struc. and bridges;
(21) placing 750,000 lbs. reinf. bars in canal lining;
(22) placing 620 s.f. elastic filler material in joints;
(23 placing 140 l.f. of rubber water stops in joints;
(24) placing 3,000 lbs. of metal water stops in joints;
(25) erecting 196.3 M ft. b.m. timber in structures;
(26) constructing 20 cattle guards;
(27) constructing 1.5 miles barbed-wire fence;
(28) constructing 10 miles of comb. barbed- and woven-wire fence;
(29) constructing 43,000 l.f. of underdrains with uncemented joints;
(30) constructing 29,000 l.f. of feeder drains;
(31) installing 410 l.f. pipe in reverse filters;
(32) installing 29,600 lbs. of misc. metal work.

SCHEDULE No. 2
Stations 1932 plus 75 to 2631 plus 00

(1) 3,002,000 c.y. common excav. for canal;
(2) 8,000 c.y. rock do;
(3) 153,000 sta. c.y. overhaul;
(4) 40,450 c.y. compacting embankment;
(5) 302,000 c.y. common excav. for drainage channels and dikes;
(6) 2,000 c.y. rock do;
(7) 120,000 c.y. common excavation for structures;
(8) 100 c.y. rock do;
(9) 134,000 c.y. uncompacted earth canal lining;
(10) 336,000 c.y. compacted do;
(11) 5,200 c.y. rockfill;
(12) 7,100 s.y. dry-rock paving;
(13) 92,000 c.y. backfill about struc;
(14) 47,000 c.y. compacting backfill;
(15) 11,700 c.y. concrete in struc.;
(16) 5,200 c.y. concrete in bridges;
(17) placing 2,825,000 lbs. reinf. bars in structures and bridges;
(18) placing 450 s.f. elastic filler material in joints;
(19) placing 25,400 lbs. of metal water stops in joints;
(20) erecting 217.6 M ft. bm timber in structures;
(21) constructing 40 cattle guards;
(22) constructing 12 miles of barbed-wire fence;
(23) constructing 12 miles of comb. barbed- and woven-wire fence;
(24) laying 440 l.f. 18-inch diameter corrugated metal pipe;
(25) laying 165 l.f. 24-inch do;
(26) laying 115 l.f. 30-inch do;
(27) laying 150 l.f. 36-inch do;
(28) laying 290 l.f. 48-inch do;
(29) installing 50,000 lbs. of misc. metal work.

SCHEDULE No. 3
Stations 2631 plus 00 to 3369 plus 00

(1) 2,660,000 c.y. common excavation for canal;
(2) 181,000 rock do;
(3) 106,000 sta. c.y. overhaul;
(4) 229,500 c.y. compacting embankment;
(5) 203,000 c.y. common excav. for drainage channels and dikes;
(6) 2,000 c.y. rock do ;
(7) 40,000 c.y. common excavation for structures;
(8) 2,000 c.y. rock do;
(9) preparing 61,300 s.y. rock foun foundations for concrete lining;
(10) trimming 170,000 s.y. of earth foundations for concrete lining;
(11) 120,000 c.y. uncompacted earth canal lining;
(12) 302,000 c.y. compacted do;
(13) 100 c.y. rockfill;
(14) 5,400 s.y. dry-rock paving;
(15) 25,000 c.y. backfill about struc.;
(16) 14,000 c.y. compacting backfill;
(17) 3,480 c.y. concrete in struc.;
(18) 4,100 c.y. concrete in bridges;
(19) 11,500 c.y. concrete in reinforced canal lining;
canal lining;
(20) 11,500 c.y. concrete in unreinf.
(21) placing 1,158,000 lbs. reinf bars in structures and bridges;
(22) placing 610,000 lbs. of reinf. bars in canal lining;
(23) placing 400 s.f. elastic filler material in joints;
(24) placing 4,400 lbs. metal water stops in joints;
(25) erecting 424.0 M ft. bm timber in structures;
(26) constructing 48 cattle guards;
(27) constructing 12.5 miles barbed-wire fence;
(28) constructing 12.5 miles of comb. barbed- and woven-wire fence;
(29) constructing 21,000 l.f. underdrains with uncemented joints;
(30) constructing 14,000 l.f. feeder drains;
(31) laying 175 l.f. 18-in. diam. corru. metal pipe;
(32) laying 315 l.f. 24-inch do;
(33) laying 560 l.f. 30-inch do;
(34) laying 170 l.f. 48-inch do;
(35) laying 75 l.f. 54-inch do;
(36) installing 76,000 lbs. of misc. metal work.

SCHEDULE No. 4
Stations 3369 plus 00 to 3876 plus 00

(1) 1,337,000 c.y. common excav. for canal;
(2) 146,000 rock do;
(3) 154,000 sta. c.y. overhaul;
(4) 251,000 c.y. compacting embankment;
(5) 11,000 c.y. common excav. for drainage channels and dikes;
(6) 1,000 c.y. rock do;
(7) 132,000 c.y. common excavation for structures;
(8) 1,000 c.y. rock do;
(9) preparing 29,000 s.y. rock foundations for concrete lining;
(10) trimming 473,000 s.y. earth foundations for concrete lining;
(11) 2,300 c.y. rockfill;
(12) constructing 80 c.y. of reverse filters;
(13) 1,400 s.y. dry-rock paving;
(14) 90,000 c.y. backfill about struc.;
(15) 41,000 c.y. compacting backfill;
(16) 3,600 c.y. concrete in struc.;
(17) 300 c.y. concrete in bridges;
(18) 24,000 c.y. concrete in reinforced canal lining;
(19) 24,000 c.y. concrete in unreinf. canal lining;
(20) placing 642,000 lbs. reinf. bars in in struc. and bridges;
(21) placing 1,272,000 lbs. reinf. bars in canal lining;
(22) placing 330 s.f. elastic filler material in joints;
(23) placing 30 l.f. of rubber water stops in joints;
(24) placing 11,100 lbs. metal water stops in joints;
(25) erecting 141.3 M ft. bm timber in structures;
(26) constructing 26 cattle guards;
(27) constructing 1,900 l.f. of guard rails at bridge approaches;
(28) constructing 8.2 miles barbed-wire fence;
(29) constructing 8.2 miles combina. barbed- and woven-wire fence;
(30) constructing 72,000 l.f. underdrains with uncemented joints;
(31) constructing 48,000 l.f. of feeder drains;
(32) installing 410 l.f. pipe in reverse filters;
(33) laying 160 l.f. 18-in. diam. corru. metal pipe;
(34) laying 325 l.f. 24-inch do;
(35) installing 50,600 lbs. of miscel. metal work.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, Chief Engineer, U. S. Customhouse, Denver 2, Colo.; R. L. Boke, Regional Director, Old Post Office Bldg., 7th and K Sts., Sacramento 14, Calif.; R. K. Durant, Acting Construction Engineer, Friant Calif., and Michael W. Straus, Commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the Acting Construction Engineer.

No charge to prospective bidders for copies of the specifications and and drawings; to others, $2.50 per copy, not returnable.

2/21/46 34
BIDS WANTED

CENTRAL VALLEY PROJECT, Calif.—Until March 27, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Antioch, Calif., under Spec. 1183 for the construction of Delta-Mendota Canal, stations 686 to 1365, and Westley wasteway, Delta Division, Central Valley Project, California. The work is situated in the vicinity of Patterson, Calif.

The principal items of work and the estimated quantities involved are as follows:

Schedule No. 1
Station 686 to Station 1365

(1) 2,800,000 cu. yds. excavation for canal, unclassified;
(2) 100,000 sta. cu. yds. overhaul;
(3) 350,000 cu. yds. compacting embankments;
(4) 40,000 cu. yds. excavation for drainage channels;
(5) 45,000 cu. yds. excavation for structures;
(6) 27,000 cu. yds. backfill;
(7) 24,000 cu. yds. compacting backfill;
(8) trimming 844,000 sq. yds. foundation for concrete lining;
(9) 11,100 cu. yds. concrete in structures;
(10) 47,000 cu. yds. concrete in unreinforced canal lining;
(11) 47,000 cu. yds. concrete in reinforced canal lining;
(12) placing 1,760,000 lbs. reinforcement in structures;
(13) placing 3,000,000 lbs. reinforcement in canal lining;
(14) 1500 sq. yds. dry-rock paving;
(15) placing 4600 sq. ft. elastic joint filler;
(16) placing 1500 lin. ft. rubber water stops;
(17) installing 255,000 lbs. gates and hoist;
(18) installing 58,000 lbs. miscellaneous metal work;
(19) installing 250 lin. ft. electrical metal conduit;
(20) installing 200 lbs. electrical conductors;
(21) constructing 40 cattle guards;
(22) placing 900 lin. ft. 15-in. precast pipe;
(23) placing 100 lin. ft. 18-in. precast pipe;
(24) placing 50 lin. ft. 24-in. precast pipe;
(25) erecting 510 M ft. b.m. timber in bridges.

Schedule No. 2
Westley Wasteway

(1) 193,000 cu. yds. excavation for wasteway channel;
(2) 33,000 cu. yds. excavation for structures;
(3) 100,000 cu. yds. of backfill for wasteway channel;
(4) 13,000 cu. yds. backfill for structures;
(5) 20,000 cu. yds. compacting embankment along wasteway;
(6) 4000 cu. yds. compacting backfill;
(7) trimming 105,000 sq. yds. foundation for lining;
(8) 3100 cu. yds. concrete in structures;
(9) 21,000 cu. yds. concrete in wasteway lining and sidewalls;
(10) placing 2,400,000 lbs. reinforcement steel;
(11) installing 130,000 lbs. of structural steel;
(12) installing 11,500 lbs. miscellaneous metal;
(13) installing 700 sq. ft. elastic joint filler;
(14) erecting 65 M ft. b.m. timber in bridges;
(15) placing 100 lin. ft. 18-in. precast pipe;
(16) placing 20 lin. ft. 24-in. precast pipe.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo.; R. L. Boke, regional director, Old Post Office Bldg., 7th and K Sts., Sacramento 14, Calif.; O. G. Boden, construction engineer, Antioch, Calif., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the construction engineer.

No charge to prospective bidders for copies of the specifications and drawings; to others, $2.50 per copy, not returnable.

2/21/46 34
BIDS WANTED

TUCUMCARI PROJECT, N. M.—Until March 27, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Tucumcari, N. M., under Spec. 1189 for construction of structures, laterals Unit No. 2; earthwork and structures, laterals Units Nos. 3 and 4; and Conchas Canal, stations 3343 plus 17 to 3662 plus 00, Tucumcari Project, N. M. The work is situated in the vicinity of Tucumcari, N. M.

The principal items of work and the estimated quantities involved are as follows:

SCHEDULE No. 1
Structures—Lateral Unit No. 2

(1) 20,200 c.y. unclass. excav. for structures;
(2) 13,650 c.y. backfill;
(3) 5,000 c.y. compacted backfill;
(4) 2,000 c.y. concrete in structures;
(5) placing 165,000 lbs. reinf. bars;
(6) erecting 26 M. ft. bm of timber in structures;
(7) installing 20,000 lbs. of gates and misc. metal work;
(8) laying 1000 l.f. 15-in. diameter concrete pipe;
(9) laying 950 l.f. 18-inch do;
(10) laying 200 l.f. 21-inch do;
(11) laying 1,825 l.f. 24-inch do;
(12) laying 400 l.f. 30-inch do;
(13) laying 100 l.f. 36-inch do;
(14) laying 100 l.f. 42-inch do;
(15) laying 600 l.f. 48-inch do;

SCHEDULE No. 2
Earthwork and Structures—Lateral Unit No. 4

(1) 116,000 c.y. common excav. for laterals;
(2) 18,500 c.y. rock do;
(3) 91,000 sta. c.y. overhaul;
(4) 120,000 c.y. compacting embankment;
(5) 12,000 c.y. unclass. excavation for structures;
(6) 5,300 c.y. backfill;
(7) 5,000 c.y. compacting backfill;
(8) 1,850 c.y. concrete in structures
(9) placing 103,000 lbs. reinf. bars;
(10) 1,900 s.y. dry-rock paving;
(11) installing 28,000 pounds of gates and misc. metal work;
(12) erecting 4.3 M. ft. bm timber in structures;
(13) laying 1,170 l.f. 15-in. diameter concrete pipe;
(14) laying 968 l.f. 18-inch do;
(15) laying 316 l.f. 24-inch do;
(16) laying 54 l.f. 30-inch do;
(17) laying 2,020 l.f. 36-inch do;
(18) laying 224 l.f. 42-inch do;
(19) laying 158 l.f. 60-inch do;
(20) jacking 50 l.f. 36-inch diameter concrete pipe thru embankment
(21) jacking 50 l.f. 60-inch do;

SCHEDULE No. 3
Earthwork and Structures—Lateral Unit No. 3

(1) 66,000 c.y. common excavation for laterals;
(2) 14,000 c.y. rock do;
(3) 21,000 sta. c.y. overhaul;
(4) 75,000 c.y. compacting embankment;
(5) 8,200 c.y. unclass. excavation for structures;
(6) 5,600 c.y. backfill;
(7) 3,500 c.y. compacting backfill;
(8) 1,300 c.y. concrete in structures;
(9) placing 91,000 lbs. reinf. bars;
(10) 2,200 s.y. dry-rock paving;
(11) installing 31,000 lbs. gates and misc. metal work;
(12) erecting 5 M ft. bm of timber in structures;
(13) laying 1,380 l.f. 15-inch diameter concrete pipe;
(14) laying 1,670 l.f. 18-inch do;
(15) laying 430 l.f. 24-inch do;
(16) laying 370 l.f. 30-inch do;
(17) laying 960 l.f. 36-inch do;
(18) laying 160 l.f. 42-inch do;

SCHEDULE No. 4
Earthwork and Minor Structures—Stations 3343 plus 17 to 3514 plus 50, and Stations 3517 plus 70 to 3660 plus 80, Conchas Canal

(1) 41,000 c.y. common excavation for Conchas Canal;
(2) 7,000 c.y. rock do;
(3) 7,000 sta. c.y. overhaul;
(4) 40,000 c.y. compacting embankment;
(5) 2,300 c.y. common excavation for structures;
(6) 700 c.y. rock do;
(7) 1,300 c.y. backfill;
(8) 400 c.y. compacting backfil;
(9) 370 c.y. concrete in structures;
(10) placing 27,000 lbs. reinf. bars;
(11) 350 s.y. dry-rock paving;
(12) installing 5,100 lbs. gates and misc. metal work;
(13) erecting 0.05 M. ft. bm timber in structures;
(14) laying 160 l.f. 15-inch diameter concrete pipe;
(15) laying 230 l.f. 18-inch do;
(16) laying 90 l.f. 48-inch do;

SCHEDULE No. 5
Earthwork and Major Structures—Stations 3514 plus 50 to 3517 plus 70, and Stations 3660 plus 80 to 3662 plus 00—Conchas Canal

(1) 275 c.y. common excavation for Conchas Canal;
(2) 275 c.y. rock do;
(3) 600 c.y. compacting embankment;
(4) 2,500 c.y. common excavation for structures;
(5) 450 c.y. rock do;
(6) 2,500 c.y. backfill;
(7) 800 c.y. compacting backfill;
(8) 370 c.y. concrete in structures;
(9) placing 37,000 lbs. reinf. bars;
(10) 100 s.y. dry-rock paving;
(11) erecting 1 M ft. bm timber in structures.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, Chief Engineer, U. S. Customhouse, Denver 2, Colo.; W. R. Nelson, Regional Director, P. O. Box 1609, Oliver-Eakle Bldg., Sixth and Polk Sts., Amarillo, Texas; H. W. Mutch, Project Engineer. Tucumcari, N. M.; and Michael W. Straus, Commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the Project Engineer.

No charge to prospective bidders for copies of the specifications and drawings; to others, $2.75 per copy, not returnable.

2/21/46 34
BIDS WANTED

CENTRAL VALLEY PROJ., Calif.—As previously reported, until Mar. 29, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Walker R. Young, Chief Engineer, Friant, Calif., under Spec. 1181 for construction of earthwork, canal lining and structures, King's River wasteway and King's River siphon, Station 1591 plus 66.15 to Station 1647 plus 75, Friant-Kern Canal, Friant Division, Central Valley Project. The work is situated approximately 18 miles east of Fresno.

The principal items of work and the estimated quantities involved are as follows:

(1) 237,500 c.y. common excavation for canal;
(2) 193,000 c.y. rock do;
(3) 5,500 c.y. compacting embankments;
(4) 40,000 c.y. common excavation for wasteway channel;
(5) 100 c.y. rock do;
(6) 35,000 c.y. common excavation for struc. except siphon barrel;
(7) 300 c.y. rock do;
(8) 200,000 c.y. common excav. for siphon barrel bet. Sta. 1596 plus 88.9 and 1627 plus 41.36;
(9) 100 c.y. rock do;
(10) trimming 6,100 s.y. earth foundations for concrete lining;
(11) preparing 16,000 s.y. of rock do;
(12) 16,300 c.y. backfill about struc.;
(13) 122,000 c.y. backfill about siphon barrel;
(14) 6,200 c.y. compacting backfill about structures;
(15) 6,100 c.y. riprap;
(16) constructing 265 c.y. filter;
(17) constructing 1,250 l.f. of feeder drain;
(18) constructing 1,150 l.f. of 6-inch dia. tile drains with uncemented joints;
(19) 4,325 c.y. concrete in struc.;
(20) 21,600 c.y. concrete in siphon barrel;
(21) 2,070 c.y. concrete in canal lining;
(22) placing 3,944,000 lbs. reinf. bars;
(23) placing 785 s.f. elastic joint-filler material;
(24) placing 280 l.f. rubber water stops;
(25) installing 360 l.f. clay pipe in filters;
(26) installing 8,700 lbs. of cast-iron pipe in filters;
(27) layng 66 l.f. 12-in. diam. cement-asbestos pipe;
(28) erecting 250,000 lbs. structural steel in highway bridge;
(29) placing 79,500 lbs. of metal water stop in joints;
(30) erecting 11 M. ft. b.m. tmber in railings;
(31) installing 61,000 lbs. radial gates
(32) installing 42,200 lbs. radial-gate hoists and operating and control mechanisms;
(33) installing 10,930 lbs. cylinder gate, gate frames and hoist;
(34) installing 11,900 lbs. of misc. metal work;
(35) installing 125 cwt. of bit. material in float drums;
(36) installing 1,400 l.f. of electrical conduits;
(37) installing 550 lbs. of electrical conductors and ground wires;
(38) installing 600 lbs. electrical apparatus;
(39) constructing 0.75 mile barbed wire right-of-way fence;
(40) constructing 0.20 mile of comb. barbed-wire and woven-wire right-of-way fence;
(41) constructng two cattle guards.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, Chief Engineer, U. S. Customhouse, Denver 2, Colo.; R. L. Boke, Regional Director, Old Post Office Bldg., 7th and K Sts., Sacramento 14, Calif.; R. K. Durant, Acting Construction Engineer, Friant Calif., and Michael W. Straus, Commissioner, Bureau of Reclamaton, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the Acting Construction Engineer.

No charge to prospective bidders for copies of the specifications and and drawings; to others, $2.50 per copy, not returnable.

Machinery & Material

43— MACHINERY AND EQUIPMENT

2/21/46 • 43
NOTICE OF SALE

WASHINGTON, D. C.—Until Mar. 4 bids will be received by the U. S. Maritime Commission, Washington, D. C., for sale of 11 over-age tankers for scrapping and salvage purposes.

Two of the ships, the R. D. Leonard of 2730 dwt., built in 1922, and the R. J. Hanna of 10,630 dwt., built in 1921, are located in San Francisco Bay. The other nine are at Mobile, Ala., and Norfolk, Va.

The vessels will be sold on the conditions that (1) all hulls, engines, machinery and equipment shall be completely scrapped and (2) that only hulls of the vessels shall be completely scrapped. Bidding will not be limited to citizens of the United States.

Permission to inspect the R. D. Leonard and the R. J. Hanna may be obtained from Capt. W. Peterson of the War Shipping Administration at 200 Bush St., San Francisco. Invitations to bid on the vessels may be obtained from the director, Division of Vessel Diposal and Government Aids, U. S. Maritime Commission, Washington 25, D. C.

The other ships to be sold for scrapping are: Cities Service Fuel, 8700 dwt., and H. M. Fredrichsen, 8050 dwt., both located at Mobile, Ala.; located at Norfolk, Va., are: the Argon, 10,770 dwt; Bessemer, 7788 dwt; Point Breeze, 7692 dwt; Ponca City, 10,909 dwt; Sharon, 7788 dwt; Tusten, 10,626 dwt, and the William Penn, 13,614 dwt.

2/21/46 43
BIDS WANTED

PARKER DAM PROJ., Ariz.-Calif.—Until March 20, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1197 for furnishing and delivering fob cars at the shipping point or fob cars at Earp, Calif., one 69,000-volt, 600-ampere, 1,000,000-kv.-a., 3-pole single-throw, outdoor-type oil circuit breaker for the Indian Service Substation, Parker Dam Power Project, Ariz.-Calif. The oil circuit breaker will be installed by the Government. No charge for copies of the specifications to prospective bona fide bidders; to others, $0.75, not returnable.

2/21/46 43
BIDS WANTED

MISSOURI BASIN PROJ., Wyo.—Until March 15, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1196 for furnishing and delivering by trucks at the building site at Kortes Government Camp, located near Kortes, Wyo., or by rail fob cars at the shipping point or fob cars at Casper, Wyo., 15 two-bedroom, prefabricated or precut houses for the Kortes Government Camp, Missouri Basin Project, Wyo. Houses framed and/or finished with metal and of equivalent construction will be considered. The houses will be erected by the Government.

No charge for copies of the specifications to prospective bona fide bidders; to others, $0.50, not returnable.

2/21/46 43
BIDS WANTED

MISSOURI BASIN PROJ., Wyo.—Until March 15, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1193 for furnishing and delivering by trucks at the building site at Boysen Government Camp, situated about 13 miles north of Bonneville, Wyo., or fob cars at the shipping point or fob cars at Bonneville, Wyo., 40 two-bedroom, prefabricated, portable, and demountable houses for Boysen Government Camp Missouri Basin Project, Wyo. The houses will be erected by the Government.

No charge for copies of the specifications to prospective bona fide bidders; to others, $0.50, not returnable.

2/21/46 43
BIDS WANTED

MISSOURI BASIN PROJ., Neb.—Until March 13, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1185 for furnishing and delivering 20 two-bedroom prefabricated portable and demountable houses for the Enders Govt. Camp, Frenchman-Cambridge Unit, Missouri Basin Project, fob shipping point and/or Enders, Neb.

Specifications obtainable from the above office; no charge to prospective bidders; to others, $0.50, not returnable.

Use "Builderads"—
They Bring Results

Let your HEAD take you

(The average American today has a choice of just going where "his feet take him", or choosing wisely the course to follow. Let's skip ahead 10 years, and take a look at John Jones—and listen to him . . .)

"SOMETIMES I feel so good it almost scares me.

"This house—I wouldn't swap a shingle off its roof for any other house on earth. This little valley, with the pond down in the hollow at the back, is the spot I like best in all the world.

"And they're mine. I own 'em. Nobody can take 'em away from me.

"I've got a little money coming in, regularly. Not much—but enough. And I tell you, when you can go to bed every night with nothing on your mind except the fun you're going to have tomorrow—that's as near Heaven as man gets on this earth!

"It wasn't always so.

"Back in '46—that was right after the war and sometimes the going wasn't too easy—I needed cash. Taxes were tough, and then Ellen got sick. Like almost everybody else, I was buying Bonds through the Payroll Plan—and I figured on cashing some of them in. But sick as she was, it was Ellen who talked me out of it.

" 'Don't do it, John!' she said. 'Please don't! For the first time in our lives, we're really saving money. It's wonderful to know that every single payday we have more money put aside! John, if we can only keep up this saving, think what it can mean! Maybe someday you won't have to work. Maybe we can own a home. And oh, how good it would feel to know that we need never worry about money when we're old!'

"Well, even after she got better, I stayed away from the weekly poker game—quit dropping a little cash at the hot spots now and then—gave up some of the things a man feels he has a right to. We didn't have as much fun for a while but we paid our taxes and the doctor and—we didn't touch the Bonds.

"What's more, we kept right on putting our extra cash into U. S. Savings Bonds. And the pay-off is making the world a pretty swell place today!"

The Treasury Department acknowledges with appreciation the publication of this advertisement by

Daily Pacific Builder

Building Permits, Contracts---Recorded Notices

BUILDING PERMIT Applications

SAN FRANCISCO

FLATS, 2-story frame, $9500; North Kirkham 95 E 14th Ave; owner and builder, B Vigen, 3000 Kirkham Street.

FACTORY, 1-story frame, $8000; E South Van Ness Ave 200 N 16th St; owner and builder, J E Ellington, 19 South Park.

ALTER restaurant and soda fountain, $7000; W 20th Ave 61 N Rivera; owner and contractor, N W Anderson, 614 Taraval St.

ALTER flats, $3600; 3541 Scott St; owner, Joe Auteri, prem; contractor, Chas W Lindquist, 812 Garfield.

ALTER flats, $3150; 7028 Geary Blvd owner, Mrs Eichenbaum, premises contractor, Healy & Allen, 634-A Guerrero St.

ALTER dwelling, $3000; 20 Norwich St; owner, Mrs V Z Terzano, prem; contractor, R C Smth, 101 Randall.

ALTER flats, $2850; 52 Biedman St; owner, Mrs Malaeff, c/o cntr; contractor, L Salomon, 1734 Broderick.

ALTER warehouse, $2000; 1301 Sansome St; owner, H G Walters, 224 Natoma.

ALTER dwelling, $1450; 2035 46th Ave; owner, Mr and Mrs J Finn, premises; contractor, Chet Dollase Co, 1579 42nd Ave.

ALTER dwelling, $1200; 1579 42nd Ave; owner, Chet Dollase, prem; contractor, Chet Dollase Co, prem.

ALTER church, $1000; 1566 California Street; owner and contractor, Apostolic Faith Church, 749 Market Street.

ALTER flats, $1000; 1527 Octavia; owner, Mrs Green, c/o cntr; contractor, Ira W Coburn, 2048 Market St.

ALTER dwelling, $660; 619 35th Ave; ower, J Keenan, prem; contractor, United Roofing & Siding Co, 2906 Mission St.

ALTER market, $650; 755 Portola; owner, Henry Ilg, prem; contractor, Fred Hoffman, 15 Sussex.

ALTER flats, $600; 260 Valley St; owner and contractor, M Driscoll, 205 28th St.

OAKLAND

DWELLING (1-story 5-room), $6000; 6091 Castle Dr; owner, N F Brass, 2003 E 14th St; builder, Doty & Lockwood, 2003 E 14th St.

ALTERATIONS, $1950; 1804 38th Ave; owner, Arthur Soares, 1835 38th Ave; builder, A Sabel, 10035 E 14th St.

ALTER APARTMENTS, $2500; 201 Santa Rosa; owner, V L Cornett, premises; builder, A Sabel, 10035 E 14th St.

DWELLING (1-story 5-room), $4000; 7929 Mountain Blvd; owner and builder, H S Pulliam, 8009 Fontaine.

ALTER AND ADD, $1500; 3531 Davis St; owner and builder, S L Jewell, 3531 Davis St.

SHED, $1000; 489 43rd St; owner, Al C Weber, et al, 497 43rd St; builder, P Deluchi & Son, 5443 Claremont Ave

SERVICE STATION, $12,000; 831 Webster St; owner, Francis X Flood; builder, Lewis Construction Co, 516 18th St.

ALTERATIONS, $1000; 684 20th St; owner, Reo Mtors, Inc, premises; builder, M G Sturtevant, 998 35th St.

ALTER AND REPAIR, $2000; 345 63rd St; owner, Margaret E Simon, premises; builder, Beckett & Federighi, 1441 Franklin St.

DWELLING (2-story 6-room), $15,000; 6146 Ocean View Dr; owner, Val Witte, 1717 21st Ave; builder, Dougherty & McGuire, 924 Balra Dr, El Cerrito; plans by John H Deering, 3914 Randolph Ave.

ADDITION, $5000; 3820 Grove St; owner, Bob Canier, prem; builder, Walter Josephs, 3122 Minna Ave.

ROOF SIGN, $2500; 801 98th Ave; owner, Gerber Products Co, prem; builder, Western Neon Corp, 3001 Chapman St.

ELECTRIC SIGN, $1000; 2820 Broadway; owner, E B Wells Co, prem; builder, Electrical Products Corp, 950 30th St.

DWELLING (1-story 6-room), $6000; 3775 Norton Ave; owner and builder, S J Dowling, 2800 Clay St, Alameda.

ALTERATIONS, $750; 5259 Foothill Blvd; owner and builder, J J Moran, 1431 Jackson St.

ELECTRIC SIGN, $700; 136 14th St; owner, A F Berovich, prem; bulder, Electrical Products Corp, 950 30th St.

BUILDING PERMIT Granted

SAN FRANCISCO

FEBRUARY 19, 20, 1946

CLASS C bldg, $12,000; N Ellis St 95 W Larkin St; owner, Sidney Cohn.

CLASS C Bldg, $20,000; S Geneva Ave 225 W Paris; owner, R A Rossi.

ALTER bldg, $1900; 1500 Mission St; owner, Coca Cola Bottling Co.

ALTER stores and apts, $2000; SE Cor Haight and Fillmore; owner, Norman Elsner.

ALTER hotel, $55,000; 450 Powell; owner, Sir Francis Drake Hotel Co.

DWELLING, 1-story frame, $6250; W Beverly 25 N Garfield; owner, F H Thorinson.

ALTER garage and storage, $1250; 1625 Buchanan St; owner, Dave M Tatsuno.

ALTER stores, $8000; 423-7 Ellis St; owner, Pennebaker - Kentel - Coffman.

DWELLINGS, ten 1-story frame, $6000 each; E 45th Ave S Ortega; E 45th Ave 25, 50, 75, 100, 125, 150, 175, 200, 225 S Ortega; owner, Geo P Belcher.

CLASS C bldg $2500; 1221 Greenwich St; owner, M T Kniesche.

ALTER dwelling, $700; 2715 Filbert; owner, E Catheswood.

ALTER cleaning store, $1000; 2942 Lyon St; owner, Sidney Franklin.

ALTER dwelling, $1950; 108 Dwight St; owner, M O'Connor.

ALTER store, $998; 1552 Haight St; owner, Dr Marjorie B Stevens.

ALTER bldg, $1000; 237 Kearny St; owner, Wm Preble.

ALTER bldg, $990; 3654 Balboa St; owner, Dom DiMaggio.

ALTER store and offices, $2400; 2 Geary St; lessee, Granville's.

BLDG, 1-story frame, $5400; West Beverly 138 S Garfield St; owner, P A Bates.

DWELLING, 1-story frame, $5700; S Garfield 25 E Ralston; owner, F H Thorinson.

DWELLING, 1-story frame, $6000; W 28th Ave 75 S Ulloa; owner, Harlow Hanson.

ALTER dwelling, $2000; 2429 - 2433 Ocean Ave; owner, Edna M Sumner.

ALTER bldg, $1000; 576 Folsom St; owner, Peerless Electric Co.

ALTER dwelling, $1000; 1923 Bush St; owner, Y Morioka.

DWELLINGS, ten two-story frame, $10,000 each; W 20th Ave 75, 99.6 S Santiago; E 20th Ave 200, 225, 300 N Taraval; owner, Henry Doelger Bldr, Inc. E 21st Ave 150, 175, 275, 300 N aTraval; owner, Henry Doelger Bldr, Inc.

REDWOOD CITY

ALTER BUILDING, $5000; 1502 El Camino Real; owner and builder, A H Davies, Redwood City.

SAN MATEO COUNTY (Unincorporated)

ADD TO STOREROOM, $1000; 1926 University Ave, North Palo Alto; owner and builder, Ray Kolb, 1926 University Ave, North Palo Alto.

FARM BUILDINGS, $35,000; Log Cabin Ranch; owner, City of San Francisco; builder, Peter Sorensen, 927 Arguello St, Redwood City; architect, Dodge Riedy, City Public Works.

ALTER AND MOVE, $3500; Center St, Millbrae; owner and builder, Victor Lanza, Box 76, Millbrae.

ADD TO APT. HOUSE, $14,000; Millbrae Highlands No 1; owner and builder, J Fagnani, Millbrae.

ADD TO RESIDENCE, $3500; Woodside Glen; owner and builder, Jean Parrish, Glenwood Ave, Woodside.

REMODEL TO RESIDENCE, $7000; South San Francisco School District; owner and builder, P A Kiely, 68 5th Ave, San Francisco.

FRAME RESIDENCE, $8000; Canada Rd; owner and builder, Peter Sorensen, 927 Arguello St, Redwood City.

ALTER AND REPAIR, $2000; 855 Runnymeade, East Palo Alto; owner and builder, R W Myers, 855 Runnymeade, East Palo Alto.

APT. HOUSE (3-unit), $12,500; Bleinheim St, near Buckington; owner, L G Starner, La Honda; builder, Jack Dunlap, Redwood City.

FRESNO

2 DWELLINGS and GARAGES, $6000 each; 1346-54 Berger; owner, Lowell N Golden.

DWELLING AND GARAGE, $5600; 2650 Vagedes; owner, L C Burright; builder, Fred E Kaiser.

ADD TO DWELLING, $5000; 4757 Washington; owner, A L Rogers.

SLEEPING ROOM, $1000; 1026 Poplar; owner, Mrs R E Dunkle.

ALTER DWELLING, $1000; 3265 Lowe; owner, K Kurkjian.

GARAGE, $600; 1622 S 4th; owner, Ray Baisdon.

Completion Notices

SAN FRANCISCO

Recorded Accepted

Feb 15, 1946;—E 44th AVE 75, 100, 125, 150, 175, 200, 225 and 250 S Ortega. Walter and Max Hansen, Inc to whom it may concern ....February 15, 1946

Feb 20, 1946;W 44th AVE 225 S Ulloa S 100 x W 120. R F and Bernadine W Galli to whom it may concern........February 19, 1946

Feb 19, 1946—TELEPHONE Bldg, Bush St nr Grant Ave, 2nd, 3rd, 5th and 6th floors. The Pacific Tel & Tel Co to Wm K Irvine as "Jacks & Irvine"..........Feb 12, 1946

ALAMEDA COUNTY

Recorded Accepted

Feb. 19, 1946—1720 170th Ave, Hayward, Calif. Lorne Merritt to whom it may concern..Feb. 19, 1946

Feb. 20, 1946—On SE line B St 100 ft NE 1st St, Hayward, Calif. Pacific Telephone & Telegraph Co to Independent Iron Works, Ltd......................Feb. 12, 1946

Feb. 20, 1946—Ptn Lot 26, Block 2, Fairview Park, Oakland, Calif. W Heath Rearwin to whom it may concern......................Feb. 15, 1946

Feb. 20, 1946—Lots 126 and 127, E 14th St, junction City Tract, Eden Township, Alameda Co. Bruno and Erna Carlson to Joseph Sutton......................Feb. 14, 1946

Feb. 20, 1946—20955 E 14th St, Hayward, Calif. Matt K and Marian G Mathews to D R McClellan........ ....Feb. 19, 1946

Non-Responsibility

SAN FRANCISCO

Feb. 19, 1946—1633-37 Market St. California Contract Co as to improvements on property.

ALAMEDA COUNTY

Feb. 19, 1946—SE corner Harrison and 19th Sts, Oakland, Calif. George and Mae Wollgren as to improvements on property.

Release of Liens

ALAMEDA COUNTY

Recorded Amount

Feb. 20, 1946—Ptn Blocks 46 and 47, Map Town of San Leandro, Calif. Melrose Building Materials Co to Dan B Bodlly, Bodlly Mfg Co, and Anita L Bodlly......................$316.17

Electrical Permits

SAN FRANCISCO

8929 502 Gough St; owner, Ray and Don Liqnuor Store; contractor, Marine Elec So; 2 switches; 2 pl.

8930 246 1st St; owner, Taylor & Taylor Prtg; contractor, Hampton Elec & Mfg; motors.

8931 920 Sutter; owner, Superior Cleaning; contractor, Hampton Elec & Mfg; signs.

8932 629 Green St; owner, A Lociero; contractor, Chas H Yick; ......

8933 2519 Pacific Ave; owner, ...; contractor, Associated Elec & Mech Co; 3 outlets; motors.

8934 755 Market St; owner, ...; contractor, Associated Elec & Mech Co; motors.

8935 1836 Buchanan; owner, Quality Market; contractor, Charles H Yick; 3 outlets.

8936 1526 Webster Street; owner, Martinez & Calhoun, contractor, Byington Elec; ....

8937 245 Calfornia Street; owner, Hart; contractor, Galvin Bros; ....

8938 NE Cor Clay and Van Ness Ave; owner, Jacks & Irvine; contractor, Galvin Bros; ....

8939 3701 Sacramento St; owner, Daior; contractor, Northern Electric Co; 6 switches.

8940 595 Mission St; owner, Karp & Golson; contractor, P & J Elec Co; outlets; 4 plugs.

8941-4 Various locations and owners; contractor, QRS Neon Co; signs.

8945 8 Fair Oaks St; owner, Anderson; contractor, Star Electric Co; 5 plugs; service.

8946 201 Powell St; owner, Werner; contractor, Star Elec Co; 1 pl.

8947 3460 Mission St; owner, Silver Bell Coffee Shop; contractor, Dowd-Seid Elec Co; alterations.

8948 545 Mission St; owner, Andre Paper Box Co; contractor, Ets-Hokin-Galvan; ....

8949 600 Mission; owner, Wildon; contractor, Ets-Hokin-Galvan; two outlets.

8950 450 Sutter; owner, 450 Sutter Corp; contractor, Central Elec Co; 17 outlets.

8951 685 Chenery St; owner, ...; contractor, Central Elec Co; 1 plug.

8952-7 Varous locations and owners; contractor, Wonderlite Neon Products Co; signs.

8958 619 Market; owner, Hoffman Grill; contractor, W B Baker & Co; motors.

8959 220 Post St; owner, Parker Pen Co; contractor, W B Baker and Co; motors.

8960 105 Market; owner, A R Perutz; contractor, W B Baker and Co; 6 plugs; motor.

8961 1470 Market; owner, Victory Spaghetti Kitchen; contractor, W B Baker; sign.

8962-3 Civic Auditorium; owner, City; contractor, C J Holzmueller; ....

8964-6 Various locations and owners; contractor, Brumfield Elec Co; alterations.

8967 N Jefferson 125 W Divisadero; owner, Rousseau; contractor, Strom & Smith; ....

8968 718 Church Street; owner, Douglass; contractor, Strom & Smith motors.

8969 SE 47th Ave and Taraval; owner, Tignard; contractor, Strom & Smith; 25 outlets; 17 switches; 20 plugs.

8970 2488 San Bruno Ave; owner, Fisher; contractor, Strom & Smith; alterations.

8971 614 Prentis St; owner, Bergstrom; contractor, Strom & Smith; 9 outlets; 10 switches; 12 plugs.

8972 1458 35th Ave; owner, Carlson; contractor, Strom & Smith; 12 outlets; 10 switches; 12 plugs.

8973 1742 Fitzgerald Ave; owner, N E Johnson; contractor, Strom & Smith; 18 outlets; 16 switches; 22 plugs.

8974 456 Castro; owner, Fays; contractor, Byington Elec; 4 plugs; alterations.

8975 345 Sutter; owner, Walter's; contractor, Byington Elec; alter.

8976 237 Kearny; owner, Arras; contractor, Mohrdick Elec; alter.

8977 1624 Geary; owner, ...; contractor, Casey Elec Co; motors.

8978 744 Pacific St; owner, Ming Sing Press; contractor, Lynch Elec; ....

8979 1211 Golden Gate Ave; owner, Douglas Prtg Co; contractor, Lynch Elec; ....

8980 4652 Geary; owner, ...; contractor, Brite-Lite Neon; sign.

8981 450 5th St; owner, Yates & Smart; contractor, Kuchel & Sievers Electric; ....

8982 1159 Market; owner, Benatar's; contractor, Weber & Conroy; ....

8983 2650 Balboa; owner, Simonan; contractor, Weber & Conroy; ....

OAKLAND

35640 9340 E 14th St; owner, Robak; contractor, Dimond Electric; new service.

35641 SW corner E 14th and 64th Ave; owner and contractor, Foster & Kleiser; 3 outlets; 1 switch; 3 fixtures.

35642 860 81st Ave; owner, B P Johns Furniture Co; contractor, Del Monte Electric; plugs; motors.

35643 6040 Valley View; owner, Doe; contractor, Paramount Electric; range.

35644 5479 Claremont; owner, A Romiti; contractor, Paramount Electric; alterations.

35645 4700 E 14th St; owner, Hans Rodde; contractor, Paramount Electric; outlets; switches; alterations.

35646 434 19th St; owner, El Patio Cafe; contractor, Paramount Electric; alterations

35647 288 Whitmore St; owner, Pacific Heat & Vent Co; contractor, Paramount Electric; motors.

35648 NE corner 12th and Franklin Sts; owner, St Mark's Hotel; contractor, T L Rosenberg; 1 motor.

35649 1960 San Pablo; owner, Vincent Massey and Frank Fratus; contractor, Spott Electric; 1 outlet; 1 switch; sign.

35650 648 E 14th St; owner, General Motors; contractor, California Electric; 1 switch; 1 fixture; 1 plug; service.

35651 SE corner Seminary and E 14th St; owner, White Tower; contractor, California Electric; alterations.

35652 1123 24th St; owner, General Interior Consolidated; contractor, California Electric; plugs; motors; alterations.

35653 7816 Ney Ave; owner, Davidson; contractor, Clifford Electric Co; alterations.

35654 1110 Broadway; owner Bradford Candy Co; contractor, Clifford Electrc; sign.

contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35656 Grand Ave and MacArthur; owner, Berman Furniture Co; contractor, P A Jones; outlets; switches; fixtures.

35657 236 29th St; owner, J L Morris; contractor, Scott-Buttner Electric; outlets; fixtures

35658 411 19th St; owner, Dr Littlejohn; contractor, Western Neon Corp; sign.

35659 1121 Broadway; owner Broadway Theater; contractor, Matson Electrical Equipment; alterations.

35660 5428 San Pablo; owner, Weston's; contractor, I V Allen; sign.

35661 5304 Foothill Blvd; owner, Doe; contractor Pacific Elect & Mech Co; 2 fixtures.

35662 4506 E 14th St; owner, Melrose 5-10-15c Store; contractor, Pacific Elect & Mech Co; 8 fixtures.

35663 3329 Lake Shore Ave; owner, Food Town Market; contractor, Pacific Elect & Mech; 12 fixtures.

35664 3359 Lakeshore Ave; owner, McDonald's Market; contractor, Pacific Elect & Mech Co; 11 fixtures.

35665 5300 Foothill Blvd; owner, Coast Auto Supply Co; contractor, Pacific Elect & Mech Co; 12 fixtures; 1 motor.

35666 1400 Adeline St; owner, J Van; contractor Pacific Elect & Mech Co; alterations.

35667 NE corner 12th and Broadway (3rd floor); owner, Bank of America; contractor, Pacific Elect & Mech Co; 83 fixtures.

35668 802 27th St; owner, Millbourne & Maxwell; contractor, Spott Electric; outlets; switches; fixtures.

35669 7309 E 14th St; owner, Retail Construction; contractor, Spott Electric; change meter.

35670 5211 Foothill Blvd; owner, Retail Construction; contractor Spott Electric; change meter.

35671 6537 Foothill Blvd; owner, Retail Construction; contractor, Spott Electric; change meter.

35672 5909 Camden; owner, Retail Construction; contractor, Spott Electric; change meter.

35673 2026 Fruitvale Ave; owner, Retail Construction; contractor, Spott Electric; change meter.

35674 1536 23rd Ave; owner, Retail Construction; contractor, Spott Electric; change meter.

35675 411 E 18th St; owner, Retail Construction; contractor, Spott Electric; change meter.

35676 191 12th St; owner, Retail Construction; contractor, Spott Electric; change meter.

35677 5908 San Pablo Ave; owner, Retail Construction; contractor, Spott Electric; change meter.

35678 4014 Telegraph; owner, Retail Construction; contractor, Spott Electric; change meter.

35679 5450 College Ave; owner, Retail Construction; contractor, Spott Electric; change meter.

Engineering Section

40— STREETS AND HIGHWAYS

2/21/46 • 40

BIDS WANTED

SAN FRANCISCO.—Until March 6, 2:30 P. M., bids will be received by the Department of Public Works, Room 282 City Hall, for repaving yard of Lafayette School, Anza St., between 36th and 37th Aves.

Specifications obtainable from the office of City Architect Dodge A. Riedy upon deposit of $5.

41—GAS, WATER AND OIL PIPE LINES

2/21/46 41

BIDS WANTED

ALTUS PROJECT, Oklahoma.—Until March 15, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Altus, Okla., under Spec. 1180 for construction of earthwork and structures, Altus lateral 9.9 extension and lateral 11.1, Altus city pipeline, city laterals and sublaterals, Altus Project, Oklahoma. The work is situated in the vicinity of Altus, Okla.

The principal items of work and the estimated quantities involved are as follows:

(1) 100,000 cu. yds. excavation for laterals;
(2) 50,000 sta. cu. yds. overhaul;
(3) 6000 cu. yds. compacting embankments;
(4) 2500 cu. yds. excavation for drainage channels and dikes;
(5) 38,000 cu. yds. excavation for structures;
(6) 37,500 cu. yds. backfill;
(7) 4500 cu. yds. compacting backfill;
(8) 900 cu. yds. concrete in structures;
(9) placing 70,000 lbs. reinforcement bars;
(10) 1000 sq. yds. dry-rock paving;
(11) erecting 17 M ft. b.m. timber in structures;
(12) laying 244 lin. ft. 18-in. diameter concrete pipe for turnouts, culverts and siphons;
(13) laying 1688 lin .ft. 24-in. diameter concrete pipe for turnouts, culverts and siphons;
(14) laying 308 lin. ft. 30-in. diameter concrete pipe for turnouts, culverts and siphons;
(15) laying 52 lin. ft. 36-in. diameter concrete pipe for turnouts, culverts and siphons;
(16) laying 40 lin. ft. 42-in. diameter concrete pipe for turnouts, culverts and siphons;
(17) laying 176 lin. ft. 48-in. diameter concrete pipe for turnouts, culverts and siphons;
(18) laying 3920 lin. ft. 24-in. diameter concrete pipe for city pipeline;
(19) laying 12,850 lin. ft. 30-in. diameter concrete pipe for city pipeline;
(20) placing 600 lbs. metal water stops in joints;
(21) installing 16,600 lbs. gates;
(22) installing 16,000 lbs. miscellaneous metal work.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo.; W. R. Nelson, regional director, P. O. Box 1609, Oliver-Eakle Bldg., 6th and Polk Sts., Amarillo, Texas; H. E. Robbins, construction engineer, Altus, Okla., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the construction engineer.

Specifications obtainable free of charge to prospective bidders; to others, $2.25, not returnable.

2/21/46 21

CONTRACT AWARDED

DELANO, Kern Co., Calif.—Trewhitt, Shields & Fisher, Pacific Southwest Bldg., Fresno, at $150,000 have been awarded contract for construction of a reinforced concrete theatre building in Delano, for Frank Pinero, Delano.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Misc. Supplies & Materials	42
Machinery and Equipment	43

42— MISC. SUPPLIES AND MATERIALS

2/21/46 • 42

BIDS WANTED

BERKELEY, Alameda Co., Calif.—Until March 6, 10 A. M., bids will be received by the City of Berkeley, City Clerk, City Hall, for furnishing 187,000 gallons of gasoline as follows:

(1) 175,000 gals. delivery at Corporation Yard;
(2) 12,000 gals. fob 10 firehouses.

Specifications obtainable from the above office.

2/21/46 • 42

BIDS WANTED

PHOENIX, Ariz.—Until March 1, 2 P. M., bids will be received by the U. S. Bureau of Reclamaton, Customhouse, Denver, under Inv. 7227-A for steel reinforced aluminum bare stranded conductor, compression connectors, etc., fob shipping point and/or Phoenix and/or intermediate points between Phoenix and Tucson, Phoenix-Tucson Transmission Line No. 2.

2/21/46 42

CONTRACT AWARDED

SAN FRANCISCO.—E. D. Swift Co., 65 10th St., awarded contract by the Purchaser of Supplies, City Hall, under Bid No. 7017 for furnishing and delivering fir, redwood and spruce for various city departments for the term April 1, 1946, to September 30, 1946.

2/21/46 42

BIDS WANTED

SAN FRANCISCO.—Until March 7, 2 P. M., bids will be received by the U. S. Forest Service, 447 Sansome St., San Francisco 11, under Bid No. 369 for 52,000 lbs. prime white arsenic, f.o.b. Leaf, Calif.

Specifications obtainable from the above office.

2/21/46 • 42

BIDS WANTED

FORT PECK, Mont.—Until Feb. 28, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver, Colo., under Inv. 18,658-A for Western red cedar, Southern yellow pine, lodgepole pine or Douglas fir poles, f.o.b. shipping point and/or Wolf Point, Mont.; Williston, N. D.; Watford City, N. D.; Kilideer, N. D., and Hazon, N. D.

2/21/46 • 42

BIDS WANTED

DENVER, Colo.—Until March 1, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver, under Inv. F-46,144-A for Western red cedar, Southern yellow pine, lodgepole pine or Douglas fir poles, f.o.b. shipping point and/or Brush, Sterling or Holyoke, Colo.

Specifications obtainable from the above office.

2/21/46 • 43

BIDS WANTED

LONE PINE, Inyo Co., Calif.—Until March 11, 8 P. M., bids will be received by the Lone Pine Union High School District, Lloyd Taylor, clerk, Lone Pine, for one Ford, Chevrolet or comparable make ½-ton pickup truck.

Specifications obtainable from the above office.

2/21/46 • 42

BIDS WANTED

ALAMEDA, Calif.—Until March 14, 8 P. M., bids will be received by the Public Utilities Board of the City of Alameda, G. A. Baxter, secretary, 2440 Santa Clara Ave., Alameda, for one air compressor and equipment.

Specifications obtainable from the above office.

2/21/46 • 42

BIDS WANTED

ALAMEDA, Calif.—Until March 14, 8 P. M., bids will be received by the Public Utilities Board of the City of Alameda, G. A. Baxter, secretary, 2440 Santa Clara Ave., Alameda, for furnishing cable for 5000-volt street lighting.

Specifications obtainable from the above office.

43— MACHINERY AND EQUIPMENT

2/21/46 43

CONTRACT AWARDED

SAN FRANCISCO.—George W. Kneass Co., 18th and Illinois Sts., awarded contract by the Purchaser of Supplies, Room 273 City Hall, under Bid No. 3465 for furnishing and delivering to Millbrae one 24-ft. custom-built motor launch for the San Francisco Water Department.

2/21/46 • 43

BIDS OPENED

MENDOCINO, COUNTY, Calif.—Coast Equipment Co., 948 Bryant St., San Francisco 3, at (1) $224 per month, (2) no charge operation and maintenance, (3) $60 transportation, submitted low bid to the State Division of Highways at the office of the district engineer, 546 W. Wabash Ave., Eureka, for the rental of one only 150- to 210-cu. ft. portable air compressor for not to exceed three months' work near Cummings in Mendocino County.

Other bids were:

George M. Philpott Co., San Francisco, (1) $225, (2) $10, (3) $200.

Western Machinery Co., San Francisco, (1) $260, (2) no bid, (3) $60.

2/21/46 43

NOTICE OF SALE

WASHINGTON, D. C.—Until Mar. 13 bids will be received by the U. S. Maritime Commission, Washington, D. C., for sale of 14 twin-screw and one single-screw dry and liquid cargo tankers recently declared surplus by the armed services.

The vessels, officially designated as Y types, are reported capable of a speed of nine knots. The single-screw Y-31 is 162 feet 6 inches x 27 feet x 13 feet 10 inches, with a deadweight tonnage of 690 tons, with dry cargo hold space of 2370 cubic feet and gasoline cargo capacity of 649 long tons, 95% full.

The twin-screw tankers are 182 feet 6 inches x 30 feet x 13 feet 6 inches, with dry cargo capacity of 48.1 tons and 2405 cubic feet hold space. Liquid cargo space is listed at 37,685 cubic feet, holding 770.1 long tons of gasoline. The equipment includes two gasoline pumps of 650 g.p.m. each and fuel tanks have a capacity of 32.18 long tons.

Prospective bidders may obtain further information and invitations to bid upon application to the following U. S. Maritime Commission officials:

Director, Division of Small Vessel Procurement and Disposal, Washington 25, D. C.

Assistant District Manager, 40 Broad St., Boston 10, Mass.

Atlantic Coast Director, 45 Broadway, New York 6, N. Y.

Port Agent, Delaware and Oregon Ave., Philadelphia 48, Pa.

District Manager, 12th St. and Monticello Ave., Norfolk 10, Va.

Superintendent, Water Division, Army Port of Embarkation, Charleston, S. C.

Port Agent, Graham Bldg., Jacksonville 2, Fla.

Gulf Coast Director, Canal Bank Bldg., New Orleans 12, La.

Regional Director, 310 S. Michigan Ave., Chicago 4, Ill.

Pacific Coast Director, 230 Bush St., San Francisco 4, Calif.

North Pacific Division, 1488 Dexter Horton Bldg., Seattle 4, Wash.

Port Representative, 601 Porter Bldg., Portland 4, Ore.

2/21/46 • 43

BIDS OPENED

SAN FRANCISCO.—Pacific Heating & Sheet Metal Co., 3422 18th St., San Francisco, at $1915, submitted low bid to the Department of Public Works, Room 282 City Hall, for additional equipment for kitchen at the Galileo High School, Bay St. and Van Ness Ave.

James A. Nelson, at 2448, submitted only other bid.

2/21/46 43

BIDS OPENED

BERKELEY, Alameda Co., Calif.—Aladdin Heating Corp., 2222 San Pablo Ave., Oakland, at $1497 submitted low bid to the City of Berkeley, City Clerk, City Hall, Berkeley, for furnishing labor and materials for installing blast coils in warm air ducts of steam heating system at Main Public Library, 2090 Kittredge St., Berkeley.

Other bids were:

Robert Bruen, $1,869.

Pacific Heating & Ventilating Co., $2025.

(Continued on Page Seven)

Prospective Bidders

Resurface County Road, California Point, Marin Co.

BIDS: U. S. Engineer Office, 74 New Montgomery St., San Francisco, February 26, 2 P. M.

J. Henry Harris, 2657 Ninth St., Berkeley.

Lee J. Immel, Box 65, Station A, Berkeley.

Piombo Bros. & Co., 1571 Turk St., San Francisco.

Escalator and Elevator Additions, Lincoln Bldg., 867 Market St., S. F.

BIDS: Hale Bros., 867 Market St., San Francisco, March 5, 3 P. M. Plans prepared by Architect William G. Merchant, 57 Post St., San Francisco.

H. H. Larsen Co., 64 South Park, San Francisco.

McDonald, Young & Nelson, 127 Montgomery St., San Francisco.

Dinwiddie Construction Co., Inc., 210 Crocker Bldg., San Francisco.

Shop Bldg. No. 411, Shipfitters' and Boilermakers' Shop, S. F. Naval Shipyard

BIDS: Public Works Officer, Room 2110 Administration Bldg., San Francisco; Spec. 17099; March 4, 11 A. M.

James I. Barnes Construction Co., 941 Russ Bldg., San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco.

A. Farnell Blair, 9 Main St., San Francisco.

Clinton Construction Co., 923 Folsom St., San Francisco.

Erbentraut & Summers, 446 Sixth St., San Francisco.

Peter Kiewit Sons' Co., 442 Post St., San Francisco.

M. & K. Corp., 200 Financial Center Bldg., San Francisco.

Parker, Steffens & Pearce, 135 So. Park, San Francisco.

Guy F. Atkinson Co., Orange and Railroad Aves., South San Francisco.

Store Building, Berkeley

BIDS: University YMCA, Berkeley, c/o Architects Miller & Warnecke, Financial Center Bldg., Oakland, February 26, 2 P. M.

Erbentraut & Summers, 446 Sixth St., San Francisco.

Parker, Steffens and Pearce, 135 South Park, San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco.

Stolte, Inc., 8451 San Leandro St., Oakland.

Ed Stahl.

John M. Bartlett, 1706 Parker St., Berkeley.

Anderson & Hagland, Inc., 219 41st St., Oakland (OLympic 9103).

Store Building, Broderick Street, Oakland, Calif.

BIDS: Architects Miller & Warnecke, Financial Center Bldg., Oakland, February 26, 2 P. M.

Erbentraut & Summers, 446 Sixth St., San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco.

Parker, Steffens and Pearce, 135 South Park, San Francisco.

Stolte, Inc., 8451 San Leandro St., Oakland.

John M. Bartlett, 1706 Parker St., Berkeley.

Empire Constr. Co., Ltd., 344 Harriet St., San Francisco.

Ed Stahl.

Anderson & Hagland, Inc., 219 41st St., Oakland (OLympic 9103).

Oregon Residence, San Anselmo, Calif.

BIDS: San Francisco Theological Seminary, San Anselm, February 21, 3 P. M. Plans by Architect James H. Mitchell, 407 Sansome St., San Francisco.

B. & R. Construction Co., 268 Market St., San Francisco.

D. B Ferrero, 31 Belle Ave., San Anselmo.

Litchfield Construction Co., 721 Francisco Blvd., San Rafael.

Peter Sartorio, 262 Clementina St., San Francisco.

S. J. Amoroso Construction Co., 2100 Oakdale Ave., San Francisco.

Richland Elementary School, Shafter, Kern County, Calif.

BIDS: Richland Elementary School District, Shafter, Feb. 27, 7:30 P. M. Plans prepared by Architect Ernest J. Kump Co., 251 Kearny St., San Francisco.

L. H. Hansen & Sons, 313 Palm Ave., Fresno.

A. J. Hendricks, Route 3, Box 205, Bakersfield.

Guy E. Hall, 1326 30th St., Bakersfield.

M. J. King, Inc., 231 Franklin St., San Francisco.

Jas. I. Barnes Constr. Co., 941 Russ Bldg., San Francisco.

Rademann-Giusto, 40 Ringold St., San Francisco.

Fast & Van Natta, 10522 Dalerose Ave., Inglewood, Calif.

Sports Store Building, Alhambra and L Streets, Sacramento, Calif.

BIDS: Architect Harry J. Devine, 624 R St., Sacramento, February 21, 2 P. M.

General Work

Campbell Constr. Co., 228 E Transit St., Ontario.

Transwestern Constr. Co., 1402 Front St., Sacramento.

M. J. King, Inc., 231 Franklin St., San Francisco.

Electric Work

Manuel Joseph, 1020 J St., Sacramento.

J. C. Hobrecht Co., 2233 Portola Way, Sacramento.

Laurel School Building, San Mateo, Calif.

BIDS: San Mateo Elementary School District, Superintendent of School, 120 N. Ellsworth St., San Mateo, February 28, 8 P. M. Plans prepared by Architect Ernest J. Kump Co., 251 eKarny St., San Francisco.

C. F. Parker, 1644 Monterey Blvd., San Francisco.

Erbentraut & Summers, 446 6th St., San Francisco.

B. & R. construction Co., 268 Market St., San Francisco.

Engineering Design Co., 30 2nd St., San Francisco.

Store Building 469-479 University Ave., Palo Alto, Calif.

BIDS: Architect Leslie I. Nichols, 156 University Ave., Palo Alto, Feb. 23, Noon.

Nichols White, Inc., 156 University Ave., Palo Alto.

Wells P. Goodenough, 40 Wells Ave., Palo Alto.

Renett Construction Co., 931 Menlo Oak Dr., Menlo Park.

Repair Pier 24, Embarcadero, San Francisco

BIDS: Board of State Harbor Commissioners, Ferry Bldg., San Francisco, February 21, 3:30 P. M.

Ben C. Gerwick, Inc., 112 Market St., San Francisco.

Ocean Constructors, 135 Stockton St., San Francisco.

Healy - Tibbitts Construction Co., 1100 Evans Ave., San Francisco.

M. B. McGowan, Inc., 625 Market St., San Francisco.

Case Construction Co., Box 416, Alameda.

N. Y. Apartment

being a boon to tenants, the system is said to reduce fuel consumption.

"Temperature control is one of the advantages which the private home owner has enjoyed for some years," said Dowling. "We believe it should be available to the apartment house occupant, especially in high grade apartment houses.

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"Inasmuch as we are interested in long term investment in property, rather than in speculative profits, we intend to encourage long term occupancy in our new buildings by providing as many new ideas as we deem practicable, like personalized heating, some of these will be advantages previously available only in private homes."

Construction of the new buildings, which will house approximately 60 families each, will be well underway this spring. Excavating has started on two of the properties and steel construction will begin on one in March and another in April.

Personalized heating controls have been installed by Minneapolis-Honeywell in 240 apartment houses, containing a total of 4,000 units, in key cities throughout the country.

Concrete Press

(Continued from Page 1)

tube over distances up to 1,200 feet to the bottom of the pit.

In all, a total of 150 freight carloads of cement, 1,000 carloads of sand and gravel, 175,000 square feet of waterproofing membrane, 1,600 tons of reinforcing steel, 4,200 tons of steel girders, and floor framing, and 320,000 board feet of flooring are being used.

Classified Advertising

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Fifty-sixth Year—Vol. 56—No. 38 | SAN FRANCISCO, MONDAY, FEBRUARY 25, 1946 | PRICE 15 CENTS PER COPY

PLANS and Speculations

Vallejo: The first removal of federally-built war housing in Vallejo will start within the next 60 days when dormitory units are dismantled and sent to other communities to be used as a temporary housing for veterans and at colleges, it was announced recently at the meeting of the Vallejo Committee on War Housing Disposition.

oOo

Martinez: Details are now being worked out for a campaign to raise funds for the construction of a swimming pool as a war memorial. A definite site and probable costs must be obtained before the campaign can be launched on a large scale. Chief of Police Steve Neilson will serve on the pool committee.

oOo

Fresno: The board of directors of the Merchants Association of Fresno last week endorsed unanimously the proposal of the San Joaquin Valley Agricultural Improvement Committee to establish an agricultural college at Fresno State College.

oOo

Madera County: The Madera County Board of Supervisors has earmarked $110,000 for improvement of the O'Neals - Bass Lake Road and $2,147.15 for preparatory work on the 11½ mile extension of Ripperdan Avenue to the Chowchilla Canal and thence north to the Firebaugh Road.

oOo

Springville: The Kings County Board of Supervisors has adopted a resolution supporting the immediate expansion of the Tulare-Kings Joint Tuberculosis Hospital at Springville.

oOo

San Rafael: The Board of Education has voted to submit two bond issues totaling $513,000 at a special election to be held as quickly as the required preliminaries can be taken care of to finance elementary and high school expansions and improvements. Most immediate work to be undertaken would be the rehabilitation of the West End School.

oOo

Butte County: The last red tape as far as the proposed Bidwell Bar bridge is concerned appeared to be broken last week when the Board of Supervisors voted to place the bridge and the Neal Road officially in the federal-state postwar set-up. County Engineer Bert Paxton will go ahead with getting the rights-of-way for the proposed bridge site.

oOo

Alameda County: An expenditure program of $2,950,786 for the present fiscal year has been set up by the Alameda county government alone for the county's highways and bridges, according to the California Taxpayers' Association. The program will be financed by $750,000 from the county's share of gasoline tax receipts, $300,000 from motor vehicle fees; $114,000 from miscellaneous federal, state and county revenues, $250,000 from the sale of bonds, and $1,536,786 from cash balances.

GROOVER AND I

NOSTALGIA AND RUM

The local papers are busting out all over with building and construction news, including three luxury hotels for Nob Hill.

★ ★ ★

A 35-story hotel is planned for the SW corner of California and Taylor streets. A Standard Oil Service Station now occupies this site where once stood the Portals of the Past.

★ ★ ★

These Portals may now be seen in Golden Gate Park—a nostalgic memento of the City That Was. They are all that is left of the Collis P. Huntington mansion.

★ ★ ★

Huntington, mentioned by Geo. Sessions Perry in his "San Francisco Story" in the February 16th S.E.P. as "a hard and cheery old man with no more soul than a shark", was one of a group of early San Franciscans who didn't do so bad building railroads and other gadgets.

★ ★ ★

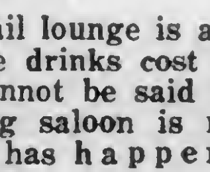
Considerable speculation is being passed around regarding the revolving cocktail lounge being planned for the Sky Room of one of these hotels.

★ ★ ★

If a room starts turning around after the eighth drink, that isn't news. But if a room starts revolving before the first drink, it may have a "slow-down" effect on the cash register.

★ ★ ★

A cocktail lounge is a saloon where drinks cost six-bits. It cannot be said that a revolving saloon is new. Rather, it has happened many times!



Fire Underwriters Adopt New Standard

One of the most significant and progressive advances in the history of fire insurance in this country is now being undertaken thru the National Board of Fire Underwriters with the acquiescence of all kinds of companies supplying the bulk of insurance in every field concerned, it was announced today by W. E. Mallalieu, General Manager of the National Board.

After many months' study of basis information on which the nation's fire insurance business operates, a new system has been developed on a national basis which will provide, for general use, fire insurance experience data of greater breadth, accuracy, uniformity and adequacy than ever before. The plan is known as the new standard classification plan. It replaces a plan in effect since 1932.

The importance of this to the public is that it will afford an improved statistical foundation for the business judgments of all kinds of companies in insuring, for the action of state authorities in regulating the business and other purposes.

A first proposal leading to the plan was prepared in collaboration by capital stock companies, mutual companies and reciprocals nearly a year ago and presented to the National Association of Insurance Commissioners. Then detailed study was begun by a special committee under auspices of the National Board. The plan is now being put into effect on basic data of 1946 furnished by more than 200 stock companies in the National Board.

"It is the unanimous opinion of the fire insurance business that the revised classification plan is superior for compiling underwriting experience," said Mallalieu. "We are certain that it is in the best interests of all concerned—the insuring public, supervisory authorities, companies of all kinds, and everyone who requires accurate, uniform and consistent data.

"It is anticipated that the new system, or as it may be modified, will be adopted in all states. We are prepared to make such adjustments as may be desirable after completion of studies now being made by the National Association of Insurance Commissioners and the New York Insurance Department.

"The first insurance industry conceives of a nation-wide classification system as providing merely a portion of the background which must be studied if an idea is to be derived concerning the adequacy or inadequacy of rate

(Continued on Page Four)

Hysteria Isn't Building Houses

(Reprint of an editorial appearing in PRACTICAL BUILDER)

This country is getting whipped up into hysteria over the housing shortage. But that is no way to whip the housing shortage itself. Let's stop knocking ourselves out with impossible "solutions", and think straight on this problem. Phony solutions will help nobody, and will only irritate returning veterans the more.

The housing shortage is critical all right. But it is not yet a national calamity; not an **absolute lack**, as it is in bombed-out Europe. What's more, the actual shortage is in material, equipment and labor. This is an inexorable result of our single-minded concentration on winning the war.

PRACTICAL BUILDER foresaw this shortage and warned against it, long before the war with Japan ended. Government made the mistake of not allowing the buliding industry to start reconversion in time.

But let's not pile error on error, by making another mistake. **We must avoid at all costs any so-called solution which will only create more and greater problems in its wake.** We must also discount the fact that many people, including GI's cannot afford, or get properly financed to build, the homes they are clamoring for.

If we attempt at all costs to take care of immediate housing needs, we will throw this country's whole economic machinery out of balance for years. Monkeying with America's second largest industry is literally "monkeying with the buzz-saw", because all the people's welfare is threatened. Thus no one will be benefited—least of all the veterans.

We **could** build a million houses quicky. We **could** do so by putting the country back on a war footing, stopping reconversion dead in its tracks, and forcing production of building materials at the expense of everything else—just to build a million shacks and barracks and call them housing.

But that's not the **veteran's idea of home.** And it is no solution to the housing shortage. Again it would be only temporary housing.

The only realistic solution, for the veterans, or anybody else, is to stop looking for magic tricks. Instead, continue to use all available materials to the utmost, and speed production in our mines, forests and factories. Labor must get back on the job whole-heartedly. That is the real problem and no "scheme" will solve it. Only labor, materials, equipment—**and time**—can possibly do the job.

What America needs in this crisis is **not** political expediency, but the courage to tell the people the truth: **Cooperate with the building industry and let them do the job.**

Bethlehem Steel Announces New Appointments

Bethlehem Pacific Coast Steel Corporation has announced the appointment of Edward G. English as Executive Assistant to H. H. Fuller, President of the Company. English was formerly Manager of Commercial Research and Supervisor of Pacific Coast Mill Scheduling. Educated at the University of Missouri where he received a B. S. degree in Civil Engineering and majored in Business and Public Administration. English started to work first for the Sheffield Steel Corporation in Kansas City. There he worked in the Engineering Department and later became Assistant Night Superintendent of the sheet mill before accepting a position in the reinforcing department of Pacific Coast Steel Company in Seattle in 1925.

Since 1925, English has remained with the Pacific Coast Company, serving in the engineering and sales departments at the Seattle, Portland, and Spokane offices until 1936. He was then transferred to the general offices at San Francisco of the company which had been a part of the Bethlehem organization since 1930. From 1936 to 1945 he was Assistant to the General Manager of Sales. English is married and has a daughter and a son.

Orin P. Walker replaces English as Manager of Commercial Research. Walker was formerly Assistant Sales Manager of Petroleum Equipment International, and shortly after this company was acquired by Bethlehem, joined its commercial research staff. He is a graduate of the University of Washington and has spent a year studying economics on the Continent. He is married and has a daughter.

Increase Shown In January Construction

New construction in January 1946 ttoaled $503,000,000, an increase of six per cent over December and 82 per cent over January 1945, the Construction Division, Department of Commerce, reported today.

Privately financed construction in January 1946 reached the highest level in almost five years with a volume of $394,000,000. This figure represented an increase of 8.5 per cent over December and 249 per cent over January 1945. The rise from December to January was a deviation from the normal seasonal trend of about 5 per cent decline, it was pointed out.

Publicly financed construction declined $2,000,000 from the December level to $109,000,000 in January. The volume of publicly financed construction in January 1945 was $164,000,000.

In the privately financed group, residential construction (exclusive of farm dwellings) amounted to $138,000,000 in January 1946 and showed only a small rise—3 per cent—from December. Construction of stores, restaurants and garages increased 24 per cent from December to $46,000,000 in January, and industrial construction advanced 12 per cent from December to $111,000,000 in January. Privately financed public utilities construction continued at a fairly even pace with $48,000,000 in January as compared with $50,000,000 in December.

The volume of publicly financed residential construction in January amounted to only $1,000,00, the same as in December, and public non-residential construction also remained unchanged at $31,000,000. Military and naval construction continued its downward trend, dropping 10 per cent from Decem-

(Continued on Page Four)

PLUMBERS

Within a few days the "Builder" will start to publish, as a regular feature, plumbing permits issued by the City of Oakland.

Col. George Mayo Presented With Legion Of Merit

Colonel George Mayo, District Engineer of the San Francisco District, U. S. Corps of Engineers, now Acting Division Engineer of the Pacific Division, was presented with the Legion of Merit at the Headquarters, Western Defense Command, Presidio of San Francisco, on Thursday, Feb. 21, 1946.

Brig. Gen. H. F. Nichols presented the citation and medal to Colonel Mayo, who earned the decoration while serving as Air Engineer, Headquarters Army Air Forces, from December 1943 to July 1945. The citation praises Colonel Mayo for the development of training standards, the equiping of engineering elements, the development of specialized equipment and for the development of flying fields during his tenure.

Colonel Mayo, a native Californian, is a graduate of the University of California, Class of 1911, and has been a member of the U. S. Corps of Engineers since 1916. At the outbreak of the war with Japan, he was sent to the Panama Canal Zone as Chief Engineer of the Caribbean Defense Command and was subsequently Division Engineer of the Panama Engineer Division. Colonel Mayo has been District Engineer of the San Francisco District since last October.

#

Last Rites For 'Jack' Leonard

John J. "Jack" Leonard, 48, international representative of the International Hodcarriers and Laborers Union for more than three years, died Thursday, following several weeks' illness.

Active in all labor work in San Francisco, Leonard had previously served as business representative for Laborers' Union 261 for ten years and was one time delegate to the Labor Council. A veteran of World Wars I and II, he is survived by his widow, Stella, and sister, Madeline.

Funeral services will be held Saturday morning, February 23, at 10 A. M., at Duggan's, 3434 17th Street.

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DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

Per convenient reference, news reports in this section are classified as follows:

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Religious Buildings	18-19
Social, Recreational Bldgs.	20-21
Residential Buildings	22-26
Transportation Bldgs.	27
Miscellaneous Bldgs.	28-30

1-8—COMMERCIAL BLDGS.

2/25/46 2
PLANS BEING FIGURED

LOS ANGELES, Calif.—Architect H. W. Underhill, 4958 Valley Ridge Ave., Los Angeles, has completed plans and is taking bids for the construction of an auto sales and service garage building at the northwest corner of 28th St. and Crenshaw Blvd. for the Crenshaw Co., 814 Central Bldg., Los Angeles. It will cover an area 140x150 ft.; cost, $100,000.

225/46 • 4
STARTING WORKING DRAWINGS
OFFICE BUILDING
Approximate Cost, $175,000
MIDLAND, Texas.
Construction of two-story reinforced concrete office building (20,000 sq. ft. area), complete air conditioning system, movable partitions, radiant heating system.
Owner—Honolulu Oil Corp., Midland, Texas.
Architects—Mendelsohn, Dinwiddie & Hill, 233 Sansome St., San Francisco.

2/25/46 3
LOW BIDDER

PORTLAND, Ore.—Waale-Camplan Co, 2100 SW. Jefferson St., Portland, Ore., at $118,888, submitted low bid for construction of a two-story reinforced concrete office-warehouse to provide for a sales office and drive-in warehouse space on 15th and Lovejoy Sts., Portland, Ore., for Northern School Supply Co., 1501 NW. Kearny, Portland; 150x100 ft. in area. Plans by Architect Pietro Belluschi, 2040 SW. Jefferson St., Portland, Ore.

2/25/46 • 2
PLANS COMPLETED
SERVICE STATION Cost, $10,000
LIVINGSTON, Merced County, Cal. Highway 99 opposite C Street.
Construction of service station.
Owner—Frank Cardella, Livingston.

2/25/46 7
PLANNED
RESTAURANT
OROVILLE, Butte Co., Cal. Feather River Highway, 24 miles east of Oroville.
Rebuilding of Grand View service station and restaurant, plate glass windows (40x50).
Owner—Frank Boyle, Pleasant Valley, Oroville.

2/25/46 • 8
OWNER TAKING SEGREGATED BIDS
CLEANING PLANT
Approximate Cost, $18,000
ALAMEDA, Alameda County, Calif. Park St.
Construction of one-story concrete block cleaning and pressing plant (100x40 ft.), including 5-room residence in rear.
Owner—Bernardi Valet Service, 1221 Park St., Alameda.
Architect—Frank W. Dakin, 625 Market St., San Francisco.

The owner is now taking segregated bids on all portions of the work.

2/25/46 4
WORK STARTED

HOLLYWOOD, Los Angeles Co., Calif.—Myers Bros., 3407 San Fernando Rd., Los Angeles, have started making alterations and renovating the office building at 1483 Vine St., Hollywood, for Capitol Records, Inc., same address. The work will involve new entrances, partitions, painting, plastering; estimated cost, $100,000. Plans were prepared by Architect Adrian Wilson, Architects' Bldg., 816 W. 5th St., Los Angeles.

2/25/46 • 8
WORK STARTED
OFFICE AND SHOP Cost, $15,000
SAN JOSE, Santa Clara Co., Calif. Stockton and Emory Sts.
Construction of painting contractor's office and shop building (35x100 ft.), of frame and stucco construction, with masonry walls, steel sash, overhead doors, gas-heated; paint spray room and storage vault, private and general offices, estimating room, toilet facilities, etc.
Owner—Neale R. Barnard.
Architect—Donnell E. Jaekle, Builders' Exchange Bldg., San Jose.
Contractor—Lew Jones Construction Co., 965 Terra Bella, San Jose.

2/25/46 • 8
CONSTRUCTION STARTED
STORE BUILDING Cost, $15,000
LOS GATOS, Santa Clara Co., Calif
Construction of reinforced concrete store building and appliance shop display room with glass and vitrolite front.
Owner—Harry Smith, attorney, San Jose.
Architect—Donnel E. Jaekle, Builders' Exchange Bldg., San Jose.
Contractor—Bridges Construction Co., 1071 Pine Ave., San Jose.

2/25/46 • 6
WORK STARTED
REMODEL STORE BUILDING
Approximate Cost ,$9,000
SAN FRANCISCO. 1000 Columbus Avenue.
Complete remodel of store building, including new foundations and new interior finish throughout.
Owner—Withheld.
Architect—Frank W. Dakin, 625 Market St.
Contractor—Moresi & Delucchi, 3142 Buchanan St., San Francisco.

2/25/46 • 8
WORK STARTED
FURNITURE STORE Cost, $40,000
SAN FRANCISCO. 1019 Clement St.
Construction of two-story and mezzanine frame furniture store building (95x75 ft.), including addition to adjoining building.
Owner—Fisher's Drapery & Furniture Shop, 1020 Clement St.
Architect—Frank W. Dakin, 625 Market St., San Francisco.
Contractor—L. J. Landry, 254 Beverly St., San Francisco.

2/25/46 • 8
BID OPENING POSTPONED UNTIL FEBRUARY 25, 2 P. M.
SPORTS STORE BUILDING
SACRAMENTO, Calif. Alhambra and L Streets.
Construction of one-story reinforced concrete sports store building.
Owner—Withheld.
Architect—Harry J. Devine, 624 R St., Sacramento.

Bid opening date postponed from February 21.

Separate bids are being received for general construction and electric work.

Following contractors have taken out plans:

General Work

Campbell Construction Co., 228 E Transit St., Ontario.

Transwestern Construction Co., 1402 Front St., Sacramento.

M. J. King, Inc., 231 Franklin St., San Francisco.

Electric Work

Manuel Joseph, 1020 J St., Sacramento.

J. C. Hobrecht Co., 2233 Portola Way, Sacramento.

2/25/46 •
CONTRACT AWARDED
GRAIN ELEVATOR
Contract Price, $398,813
WORDEN, Oregon.
Construction of 500,000-bushel grain elevator, consisting of reinforced concrete headhouse, concrete storage bins, steel frame truck-receiving shed and track shed, offices, switchroom, etc.
Owner—Tulana Farms, Malin, Ore.
Consulting Engineer—Edward F. Carter, 837 W. Hastings St., Vancouver, B. C.
Contractor —Henry George & Son Hutton Bldg., Spokane, Wash.

Other bidders were:

Carrco & Gautier, San Francisco, $407,348.

George H. Buckler Co., Portland, Ore., $452,000.

Kuney-Johnson Co., Seattle, Wash., $441,000.

2/25/46 • 8
CONTRACT AWARDED
APPAREL STORE EXPANSION
Cost, $1,000,000
SACRAMENTO, Sacramento County, Calif. Northeast corner 10th and K Sts.
Remodel Physicians' Building, 80x100 ft., to provide 70,000 square feet of floor space. Exterior walls of building will be retained and one floor added, bringing the structure to six stories in addition to the basement.
Lesses—Roos Bros., Inc., Col. Robert A. Roos, president and general manager, Market at Stockton, San Francisco.
Architects—Harry J. Devine, 624 R St., Sacramento, for general work; and A. R. Williams, 251 Post St., San Francisco, for interior fixtures.

Campbell Construction Co., 800 R St., Sacramento, awarded contract on fixed fee basis for a portion of the general construction.

2/25/46 • 8
WORK STARTED
PACKING PLANT AND SHEDS
Cost, $95,000
SAN JOSE, Santa Clara Co., Calif. 350 N. First St.
Construction of two-story, reinforced concrete packing plant and fruit storage sheds; main building, 100x200 feet; wood trusses, steel sash, overhead doors, composition roofing, steel frame fruit sheds, 30x150 feet.
Owner—California Fruit Exchange, 350 N First St.
Architect—Donnell E. Jaekle, Builders' Exchange Bldg., San Jose.
Contractor—Carl N. Swenson Co., 355 Stockton Ave., San Jose.

2/25/46 • 8
PREPARING PLANS
PLANT
OAKLAND, Alameda County, Calif. Railroad Ave. and Kennedy St.
Addition of 15,000 square feet to National Automotive Fibres, Inc., furniture manufacturing plant in Oakland.
Owner—National Automotive Fibres, Inc., J. G. Bannister, Oakland divisional manager, Railroad Ave. and Kennedy St.
Architect—Edward O. Blodgett, 1989 Hoover Ave, Oaklad.

9-10—EDUCATIONAL BUILDINGS

2/25/46 • • 9
TAX INCREASE VOTED
SCHOOL ADDITION Cost, $80,000
SAN JOSE, Santa Clara Co., Calif. Herbert Hoover Jr. High School, Park Avenue and Naglee Avenue.
Construction of junior high school addition.
Owner—San Jose Board of Education, Ralph R. Fields, Supt. of Schools, Auzerais and Almaden Avenue, San Jose.
Architect—Not Selected.

The San Jose Unified School District voted February 19 to extend the San Jose Board of Education the privilege of increasing by 50 cents per $100 the State maximum school district tax rate of $1.85 per $100 assessed valuation for a period of five years, thus launching a $3,225,000 "pay-as-you-go" building program.

2/25/46 • • 9
TAX INCREASE VOTED
ADULT CENTER, ETC.
Cost, $155,000
Construction of Adult Center and warehouse.
Owner—San Jose Board of Education, Ralph R. Fields, Supt. of Schools, Auzerais and Almaden Avenue, San Jose.
Architect—Not Selected.

The San Jose Unified School District voted February 19 to extend the San Jose Board of Education the privilege of increasing by 50 cents per $100 the State maximum school district tax rate of $1.85 per $100 assessed valuation for a period of five years, thus launching a $3,225,000 "pay-as-you-go" building program.

2/25/46 • • 9
TAX INCREASE VOTED
HIGH SCHOOL ADDITION
Cost, $450,000
SAN JOSE, Santa Clara County, Cal. Abraham Lincoln High School, Dana Avenue.
Construction of an addition to high school.
Owner—San Jose Board of Education, Ralph R. Fields, Supt. of Schools, Auzerais and Almaden Avenue, San Jose.
Architect—Not Selected.

The San Jose Unified School District voted February 19 to extend the San Jose Board of Education the privilege of increasing by 50 cents per $100 the State maximum school district tax rate of $1.85 per $100 assessed valuation for a period of five years, thus launching a $3,225,000 "pay-as-you-go" building program.

2/25/46 • • 9
TAX INCREASE VOTED
SENIOR HIGH SCHOOL
Cost, $1,300,000
SAN JOSE, Santa Clara County, Cal.
Construction of a new senior high school to accommodate 1800 to 2000 students to replace present senior high school to be taken over by the State College.
Owner—San Jose Board of Education, Ralph R. Fields, Supt. of Schools, Auzerais and Almaden Avenue, San Jose.
Architect—Not Selected.

The San Jose Unified School District voted February 19 to extend the San Jose Board of Education the privilege of increasing by 50 cents per $100 the State maximum school district tax rate of $1.85 per $100 assessed valuation for a period of five years, thus launching a $3,225,000 "pay-as-you-go" building program.

2/25/46 • • 9
TAX INCREASE VOTED
SENIOR HIGH SCHOOL
Cost, $450,000
SAN JOSE, Santa Clara County, Cal. Willow Glen Senior Hgh School. Willow Glen Senior High School. building.
Owner—San Jose Board of Education, Ralph R. Fields, Supt. of Schools. Auzerais and Almaden Avenue, San Jose.
Architect—Not Selected.

The San Jose Unified School District voted February 19 to extend the San Jose Board of Education the privilege of increasing by 50 cents per $100 the State maximum school district tax rate of $1.85 per $100 assessed valuation for a period of five years, thus launching a $3,225,000 "pay-as-you-go" building program.

2/25/46 • • 9
TAX INCREASE VOTED
SCHOOL ADDN. Cost, $60,000
SAN JOSE, Santa Clara County, Cal. Lincoln Glen Elementary School, 2175 Lincoln Avenue.
Construction of an elementary school addition.
Owner—San Jose Board of Education, Ralph R. Fields, Supt. of Schools, Auzerais and Almaden Avenue, San Jose.
Architect—Not Selected.

The San Jose Unified School District voted February 19 to extend the San Jose Board of Education the privilege of increasing by 50 cents per $100 the State maximum school district tax rate of $1.85 per $100 assessed valuation for a period of five years, thus launching a $3,225,000 "pay-as-you-go" building program.

2/25/46 • • 9
TAX INCREASE VOTED
SCHOOL ADDN. Cost, $80,000
SAN JOSE, Santa Clara County, Cal. Willow Glen Elementary School, Lincoln and Minnesota Avenues.
Construction of an elementary school addition.
Owner—San Jose Board of Education, Ralph R. Fields, Supt. of Schools, Auzerais and Almaden Avenue, San Jose.
Architect—Not Selected.

The San Jose Unified School District voted February 19 to extend the San Jose Board of Education the privilege of increasing by 50 cents per $100 the State maximum school district tax rate of $1.85 per $100 assessed valuation for a period of five years, thus launching a $3,225,000 "pay-as-you-go" building program.

2/25/46 • 10
BIDS WANTED

PASADENA, Los Angeles Co., Calif.—Until February 27, 1P. M., bids will be received by the U. S. District Engineer, 751 S. Figueroa St., Los Angeles, for the construction and completion of buildings and facilities for the jet propulsion laboratory, Arroyo Seco site, California Institute of Technology, Pasadena; Serial 147.

2/25/46 9
CONTRACT AWARDED

LOS ANGELES, Cal.—P. A. Weeger, 4565 Santa Monica Blvd., Los Angeles, at $103,400 awarded contract by the Montebello Unified School District, Geo. M. Schurr, business manager, 1600 Whittier Blvd., Montebello, for the construction of shower and locker buildings at the Bell Gardens School, Quinn and Jaboneria Ave., Bell Gardens. Bids were received January 15.

Plans were prepared by Architects Kistner, Curtis & Wright, Architects' Bldg., 816 W 5th St., Los Angeles.

2/25/46 • • 9
BOND ELECTION PLANNED
ALTER SCHOOLS Cost, $513,000
SAN RAFAEL, Marin County, Calif.
Rehabilitation of present West End School and alterations and improvements to elementary schools and high school.
Owner—San Rafael Board of Education, Oliver R. Hartzell, Secretary, High School Bldg., E Mission St., San Rafael.
Architect—Carl F. Gromme, 1010 B St., San Rafael.
Engineer—Harold M. Engle, 110 Sutter St., San Francisco.

Two bond issues totaling $513,000, will be submitted to the voters at a special election providing $280,000 for the elementary schools, and $230,000 for high school improvements.

2/25/46 • 9
SUB-CONTRACTS AWARDED
ADDITION Const. Price, $37,948
SAN FRANCISCO. Administration Bldg., Golden Gate Bridge.
Alterations and one-floor addition over portion of present building.
Owner—Board of Directors, Golden Gate Bridge and Highway District, c/o James Rickett, general manager.
Structural Engineer—L. H. Nishkian, 1045 Sansome St.
Contractor—R. A. Cullen, 478 Jackson St., San Francisco.
Roofing—Malott & Peterson, 3221 20th St.
Plumbing—Anderson & Rowe, 2501 Harrison St.
Tile Work—Thomas H. Price Co., 198 Mississippi St.
Glass—Paige Glass Co., 11th and Mission Sts.
Iron Grille Work—Michel & Pfeffer Iron Works, Inc., Harrison and 10th Sts.
Mill Work—Pacific Manufacturing Co., 142 Sansome St.
Lathing, Plastering—A. E. Knowles, 516 Stanyan St.

2/25/46 9
TO ASK BIDS SHORTLY
RESURFACING
RED BLUFF, Tehama Co., Calif. Red Bluff Union High School.
Resurface three tennis courts.
Owner—Red Bluff Union High School District, Robert R. Hartzell, district superintendent, Red Bluff.
Plans by owner.

2/25/46 • 9
BONDS VOTED
ELEMENTARY SCHOOL BLDG.
PETALUMA, Sonoma County, Calif. Post Street.
Replace present Washington elementary school building with a new one-story school plant to be earthquakeproof, and including nine regular classrooms, one kindergarten, one auditorium with stage, cafeteria, principal's office, teachers' room, nurse's room and textbook and supply room.
Owner—Petaluma Board of Education, superintendent of schools, Fair St., Petaluma.
Architect—Not announced.

The school district voted bonds February 19 in the amount of $320,000 to finance above construction and the construction of the McNear elementary school.

2/25/46 • 9
BONDS VOTED
ELEMENTARY SCHOOL BLDG.
PETALUMA, Sonoma County, Calif. McNear School at McNear Park, between F and G Sts. and 8th and 9th Sts.
Construction of elementary school building, including eight regular classrooms, one kindergarten, one auditorium with stage, cafeteria, principal's office, nurse's room, teachers' room and textbook and supply room.
Owner—Petaluma Board of Education, superintendent of schools, Fair St., Petaluma.
Architect—Not announced.

The school district voted bonds February 19 in the amount of $320,000 to finance above construction and replacing of the Washington elementary school building.

2/25/46 • 9
PREPARING PLANS
HIGH SCHOOL ADDITIONS
Cost, $476,000
PETALUMA, Sonoma County, Calif. Petaluma High School.
Construction of new gymnasium, a swimming pool, new manual training and automobile repair building at the high school.
Owner—Petaluma Board of Education, superintendent of school, Fair St, Petaluma.
Architect — Robert Stanton, Pebble Beach.
Structural Engineer—Mac D. Perkins, 110 Sutter St., San Francisco.
Electrical Engineer — G. M. Simonson, 625 Market St., San Francisco.

As previously reported, the school district voted bonds recently in the amount of $550,000 to finance the above construction.

12-13—INDUSTRIAL BUILDINGS

2/25/46 12
PLANNED

LOS ANGELES, Calif.—J. E. Dealy, 3644 Olympiad Dr., Los Angeles, will build a factory building at 4635 E. 52nd Dr., Los Angeles, for the U. S. Porcelain & Enamel Co. It will cover an area 100x300 ft.; mill construction. Plans were prepared by Architect H. W. Underhill, 4958 Valley Ridge Ave., Los Angeles.

2/25/46 12
CONTRACT AWARDED

NAMPA, Idaho. — Morrison-Knudsen Co., Inc., 319 Broadway, Portland, Ore., awarded the contract for the construction of an ice manufacturing plant containing 300,000 cu. ft. of zero storage space, an office building and engineering plant in Nampa, Idaho, for the Terminal Ice & Cold Storage Co., 320 NW. Hoyt St., Portland, Ore.; estimated cost, $300,000. This is the first phase of a $1,000,000 expansion program. Plans were prepared by the Associated Refrigerating Engineers, 2100 E. Vernon Ave., Los Angeles

2/25/46 12
CONTRACT AWARDED

CULVER CITY, Los Angeles Co., Cal.—Sam Slater, 5865 W Adams, Los Angeles, has the general contract for construction of eight factory buildings in Culver City for the Hayden Invest. Co., 617 S. Burnside Avenue,

2/25/46 12
CONTRACT AWARDED

LOS ANGELES, Calif.—David J. Reed, 459 S. Highland Ave., Los Angeles, awarded contract for construction of a factory building at the corner of Venice Blvd. and Mansfield Ave., Los Angeles, for P. & M. Co. It will cover an area 120x70 ft.; masonry walls, wood trusses, composition roofing, cement floor, steel sash, toilets, plate glass. Plans were prepared by Architect A. Godfrey Bailey, 1308 4th Ave., Los Angeles.

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PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Outdoor Gunnery Range Spec. 17507, NOy 13346	Crows Landing	2-26
Automobile and Appliance Bldg. Geary Blvd. and Blake Street	San Francisco	2-26
Veterans' Administration Hospital Project No. 2451	Grand Junction, Colo.	2-28

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Superstructure, Shop Bldg. No. 411. Shipfitters and Boilermakers Shop, San Francisco Naval Shipyard; Bids open March 4, 11:00 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
A. Farnell Blair, 9 Main St., San Francisco (YUkon 0390)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co. 923 Folsom St., San Francisco (SUtter 3440).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Outdoor Gunnery Range, NAAS, Crows Landing; Spec. 17507; Bids open February 26, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Patrick M. Sofarelli, 20987 Anita Ave., Hayward (Hayward 806).
Henry Arian, 4142 Geary Blvd., San Francisco (BAyview 5797)
Chas. E. Wait, 666 Mission Street, San Francisco (SUtter 6700).

Krieger Automotive and Sales Bldg., Geary and Blake, San Francisco; Bids open February 26, 2 P. M.
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., San Francisco (MIssion 1490)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Empire Constr. Co., 344 Harriet Street, San Francisco (HEmlock 8400)
Midstate Constr. Co., 1290 Bush St., San Francisco (ORdway 4838)
Jacks & Irvine, 620 Market St, San Francisco (GArfield 2106)
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Alfred Fisher, 300 Montgomery St., San Francisco (EXbrook 6936).

Store Bldg., University YMCA, Berkeley; Bids open Feb. 26, 2 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Anderson & Hagland, Inc., 219—41st St., Oakland (OLympic 8183).
Stolte, Inc., 8451 San Leandro Blvd., Oakland (TRinidad 1064)

Store Bldg., Broderick St., Oakland; Bids open Feb. 26, 2 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Anderson & Hagland, Inc., 219—41st St., Oakland (OLympic 8183).
Stolte, Inc., 8451 San Leandro Blvd., Oakland (TRinidad 1064)
Empire Constr. Co., Ltd., 344 Harriet St., S. F. (HEmlock 8400)

Richland Elementary School District, School Bldg., Shafter; Bids open February 27, 7:30 P. M.
Guy E. Hall, 1826 30th St., Bakersfield (Bakersfield 88695)
Rademann-Giusto, 40 Ringold Street, San Francisco (MArket 8184).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)

Truck Terminal, Ore.-Nev.-Calif. Fast Freight; Bids open Mar. 1, 2 P. M.
Jacks & Irvine, 620 Market St., San Francisco (GArfield 2106)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624)
Biltwell Constr. Co., 4745 Geary Blvd., San Francisco (BAyview 5947)
H. E. Rahlman, 251 Kearny St., San Francisco (DOuglas 8023).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).

Shell Chemical Shop and Storage Bldg., Shell Point; Bids open March 6
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)

Escalator and Elevator Additions, Lincoln Bldg., 867 Market Street, San Francisco; Bids open March 5, 3:00 P. M.
Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco (EXbrook 5616)

Laurel School, San Mateo; Bids open February 28, 2 P. M.
B. & R. Constr. Co., 268 Market St., San Francisco (DOuglas 7518).
C. F. Parker, 1644 Monterey Blvd., San Francisco (OVerland 3723).

Theatre Bldg., Guerneville; Bids open March 6, 12 Noon.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).

Schools, Castro and Alvarado Sts., Richmond; Bids open March 6, 2 P. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)

Superstructure for Ordnance Shop, San Francisco Naval Shipyard; NOy 12968; Spec. 17152; Bids open March 18, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054).

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ADVANCE CONSTRUCTION REPORTS

2/25/46 • 12
WORK STARTED
PRINTING SHOP AND OFFICES
Cost, $22,000
SAN JOSE, Santa Clara Co., Calif. Almaden and San Carlos Sts.
Construction of reinforced concrete printing shop and office building, composition roofing, steel sash, overhead doors.
Owner—Rainbow Press, 425 S. First St., San Jose.
Architect—Donnell E. Jaekle, Builders' Exchange Bldg., San Jose.
Contractor — Ernest A. Hathaway, 1275 Glen Eyrie Ave., San Jose.

2/25/46 • 13
WORK UNDER WAY
STRUCTURAL STEEL
STOCKTON, San Joaquin Co., Calif.
Structural steel for an addition to main central office building.
Owner — Pacific Telephone & Telegraph Co., 140 New Montgomery St., San Francisco.
Plans by engineering department of owner.
Contractor — Judson-Pacific-Murphy Co., 1200 17th St., San Francisco.

2/25/46 • 13
LOW BIDDER
TELEPHONE BUILDING
SACRAMENTO, Sacramento County, Calif. 2216 Stockton Blvd.
General construction of Sacramento South office building.
Owner — Pacific Telephone & Telegraph Co., 140 New Montgomery St., San Francisco.
Plans by engineering department of owner.
Low Bidder—Lawrence Construction Co., 3020 V St., Sacramento.

2/25/46 12
TO START WORK
SHOP BLDG. Cost, $20,000
SAN JOSE, Santa Clara Co., Calif. Fifth and Keyes Streets.
Construction of blind manufacturing and shop building (80x100 feet); frame and stucco front, frame and metal sides and rear, wood trusses, steel sash, overhead doors, panit spray pits.
Owner—Withheld.
Architect—Donnell E. Jaekle, Builders' Exchange Bldg., San Jose.
Contractor—E. A. Hathaway, 1275 Glen Eyrie Ave., San Jose.

2/25/46 • 12
CONTRACT AWARDED
MANUFACTURING PLANT
Cost, $500,000
BERKELEY, Alameda County, Calif. 3rd and 4th Sts. and Addison to Allston Way.
Construction of two-story reinforced concrete creamery and cheese manufacturing plant.
Owner—Challenge Cream & Butter Assn., 896 22nd St., Oakland.
Architect—Not announced.
Architect—Alben Froberg, 3454 Harlan St., Oakland
Contractor — Christensen & Lyons, 3454 Harlan St., Oakland.

2/25/46 • 13
PLANS BEING FIGURED

SAN FRANCISCO. — Until March 18, 11 A. M., bids will be received by the Public Works Office, Room 2110 Administration Bldg., San Francisco Naval Shipyard, San Francisco, under Spec. No. 17152, NOy 12968, for the construction of superstructure for ordnance shop at the Naval Shipyard, San Francisco.

Plans and specifications obtainable from the above office.

2/25/46 12
PLANNED
STORAGE PLANT
YUBA CITY, Sutter County, Calif. Clark Ave. near Forbes Ave.
Construction of a large and modern walnut processing and storage plant.
Owner—California Walnut Growers' Assn., C. E. Sullivan, chairman, River Rd., Yuba City.
Architect—Not announced.

14-17—PUBLIC BLDGS.

2/25/46 16
CONTRACT AWARDED

LAS VEGAS, Nev.—R A. Newman, McMinnville, Ore., at $6122, awarded contract by Federal Works Agency, Public Buildings Administration, for exterior painting at U. S. Post Office and Courthouse, Las Vegas.

2/25/46 16
CONTRACT AWARDED

PASADENA, Los Angeles Co., Calif. — Klaas Bros. ,2012 Hyperion Ave., Los Angeles, at 9444, awarded contract by Federal Works Agency, Public Buildings Administration, for exterior and interior painting at U. S. Post Office, Pasadena.

18-19—RELIGIOUS BLDGS. BUILDINGS

2/25/46 • 19
PRELIMINARY DRAWINGS COMPLETED
TEMPLE Approx. Cost, $350,000
ST LOUIS, Missouri.
Construction of reinforced concrete temple; complete air conditioning system, radiant heating system.
Owner—B'nai Amoona, St. Louis, Mo.
Architects—Mendelsohn, Dinwiddie & Hill, 233 Sansome St., San Francisco.

2/25/46 • 19
PREPARING PLANS
ADDITION TO PARISH HOUSE
Estimated Cost, $35,000
SAN MATEO, San Mateo County, Calif. St. Matthew's Episcopal Church of San Mateo.
Construction of stucco addition to the parish house, new classrooms, new kitchen and offices, stone trim, etc.
Owner — St. Matthew's Episcopal Church of San Mateo, Baldwin and El Camino Real, San Mateo.
Architects—Weihe, Frick & Kruse, 251 Kearny St., San Francisco.

20-21—SOCIAL AND RECREATIONAL BLDGS.

2/25/46 21
PLANNED
THEATRE
PTITSBURG, Contra Costa Co., Cal. Cor. Tenth and G Streets.
Construction of 800-seat theatre, to house several small stores.
Owner—George Starm, 501 B Street, Antioch.

22-26—RESIDENTIAL BUILDINGS

2/25/46 • 24
PREPARING WORKING DRAWINGS
RESIDENCE
Approximate Cost, $30,000
MARIN COUNTY, Calif. Del Mesa Tract, near Kentfield
Construction of 1-story, wood frame residence (seven rooms), hardwood floors, tile baths, radiant heating system, swimming pool.
Owner—Withheld.
Architect—Mendelsohn, Dinwiddie & Hill, 233 Sansome St., San Francisco.

2/25/46 22
CONTRACT AWARDED

GRIFFITH PARK, Los Angeles, Calif. — As previously reported, the Baruch Corp., P. O. Box 800, Burbank, and 625 S. Olive St., Los Angeles, at $3,081,000, awarded contract by the Federal Public Housing Authority, San Francisco, for the erection and conversion of 750 Quonset huts into 1500 dwelling units at Griffith Park for the City of Los Angeles (under the contract title to the buildings is acquired by the community furnishing the site). The responsibility for preparing the site and connecting the utilities rests on the Los Angeles City Housing Authority.

The work embraced in the general cnotract consists of moving, placing and readapting the Quonset huts, including the erection of interior partitions, plumbing and lighting fixtures, sheet rock, Masonite, lumber, sash, doors, hardware, nails, corrugated metal, etc.

Wherever possible materials which can be obtained through the War Assets Corp. will be used.

The personnel on the project are as follows: Project superintendent, C. A. Burrell; project manager, John F .Hickey, and purchasing agent, Samuel C. Harris. Work is scheduled to start Thursday, February 21.

2/25/46 26
WORK UNDER WAY
MOTEL
CONCORD, Contra Costa Co., Calif. Clayton Road and Chestnut, about one mile east of Concord.
Construction of six duplexes at Motel El Monte.
Owner—M. A. Rotermund, Bancroft Station, Concord.
Completion is expected within a month.

2/25/46 26
PLANNED

LOS ANGELES, Calif.—Axel Niska, 219 S. Witmer St., Los Angeles, will build fifty 4-room dwellings on a tract at Hawthorne Blvd. and 163rd St., Los Angeles, for himself; frame and stucco construction; cost, $250,000. Plans were prepared by Architect H. W. Underhill, 4958 Valley Ridge Ave., Los Angeles.

2/25/46 • 24
BIDS POSTPONED

SAN FRANCISCO.—Until April 9, 3 P M. (postponed from March 19), bids will be received by the Public Utilities Commission, Room 287 City Hall, under Hetch Hetchy Contract 195 for construction of cottage at Lake Eleanor. Bids will be taken under Prop. A and Prop. 8, lump sum bids.

Specifications obtainable from the cashier's office, 6th floor, 425 Mason St., upon deposit of $10.

2/25/46 •
BIDS IN—HELD UNDER ADVISEMENT
OREGON RESIDENCE
SAN ANSELMO, Marin Co., Calif.
Construction of two-story and part one-story frame Oregon residence.
Owner — San Francisco Theological Seminary, San Anselmo.
Architect — James H. Mitchell, 407 Sansome St., San Francisco.
Bids are in and being held under advisemnet for about one week.

2/25/46 22
SUB-CONTRACTS AWARDED
AUTO COURT Cost, $85,000
OAKLAND, Alameda County, Calif. 104th Ave and MacArthur Blvd.
Construction of a 24-unit auto court, units to be of the latest design and furnishings of the highest type.
Owner—Ralph H. Harris.
Architect—Not announced.
Contractor—Harry K. Jensen, 4024 MacArthur Blvd., Oakland, Calif.
Roofing—Camisa Bros., 1908 Broadway, Alameda.
Plumbing—H. F. Lass & Son, 5380 Bond St., Oakland.
Electric Wiring — Clifford Electrical Co., 830 E. 14th St., Oakland.
Heating and Sheet Metal — Atlas Heating & Ventilating Co., 1451 32nd St., Oakland.
Tile Work—Superior Tile Co., 4939 Broadway, Oakland.
Glass—Sanders Glass Co., 315 11th St., Oakland.
Window Shades—Kenney & Kenney, 565 16th St., Oakland.
Brick and Stone Work—Wm. Reinecke, 2806 Mountain Blvd., Oakland.
Grading—Ariss-Knapp Co., 961 41st St., Oakland.
Foundations and Concrete — Ensor Buel, 2111 West, Berkeley.
Lumber—Piedmont Lumber Co., 351 40th St., Oakland.
Mill Work—Atkinson Mill & Manufacturing Co., 2985 Chapman, Oakland.
Hardware — Maxwell Hardware Co., 1320 Washington St., Oakland.
Painting—S. J. Schader, 5604 E. 17th St., Oakland.
Lathing and Plastering—Conrad Rasmussen, 1630 Webster St., Oakland.
Linoleum — Superior Tile Co., 4939 Broadway, Oakland.

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Engineering Section

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31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

2/25/46 31
CONTRACT AWARDED

MILK RIVER PROJECT, Montana. —Union Construction Co., Great Falls, Mont., at $52,582.50, awarded contract by the U. S. Bureau of Reclamation under Spec. 1814-D for the construction of Dodson pumping plant and earthwork and structures, Dodson pump canal and laterals, Milk River Project, Montana. The work is situated near Dodson, Mont.

2/25/46 32
BIDS OPENED

LOS ANGELES COUNTY, Calif.— George Miller, 3032 Bandini Blvd., Los Angeles, at $54,418.50, submitted low bid to the Los Angeles County Board of Supervisors, 501 Hall of Records, Los Angeles, February 13, for the installation of sewers in 115th St., 116th St., 117th St., 118th Pl., 119th St., 119th Pl., 120th St., Isis Ave., Imperial Highway, Aviation Blvd. and Inglewood-Redondo Rd., a total distance of 3.42 miles; C. I. 1123.

Total bids were:
George Miller, $54,418.50.
Burch & Bebek, $57,352.
V. C. K. Construction Co., $57,880.84.
Bebek & Brkich, $58,157.
Paul Vukich Construction Co., $59,386.60.
P. & J. Artukovich, $62,920.
Martin Construction Co., $63,325.30.
Nick R. Gogo, $63,635.
M. Miller, $65,361.50.
Tom L. Gogo, $65,605.50.
R. A. Wattson, $68,584.
Joe J. Bosko, $69,712
P. S. Tomich, $70,076.50

2/25/46 • 31
BIDS WANTED

VALLEJO, Solano Co., Calif.—Until March 12, 9 A. M., bids will be received by the City of Vallejo, Melvin F. Brooks, city clerk, City Hall, Vallejo, for construction of 2 pumping plants on the Gordon Valley pipeline.

Specifications obtainable from the office of city engineer, City Hall, upon deposit of $10.

33—BRIDGES

2/25/46 33
NOTICE

LOS ANGELES COUNTY, Calif.— A representative of the bridge department of the State Division of Highways will accompany prospective bidders over the proposed project in Los Angeles County, in the City of Los Angeles at Nicholson Ave., road VII-LA-Term. Isl., for which bids are to be received in Los Angeles on March 14, 1946.

Said representative will meet prospective bidders at east end of existing Anaheim St. viaduct on Anaheim St. on Tuesday, March 5, 1946, at 10 A. M.

Prospective bidders are urged to cooperate with the district office and arrange to make their field inspection on the above date.

2/25/46 • 33
CONTRACT AWARDED

MARE ISLAND, Solano Co., Calif. —Peter Kiewit Sons Co., 442 Post St., San Francisco, at $891,647 (items 1 and 3), awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under NOy 13295, Spec. 17459, for construction of buildings and services for reserve fleet berthing at the Mare Island Naval Shipyard, Mare Island.

The work involves construction of a pumphouse and steam plant, a generating station, an electrolyte pumphouse, two toilet buildings, an elevated concrete deck, 11 storage tanks, two warehouses and all mechanical and electrical services for reserve fleet berthing.

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34—DAMS, RESERVOIRS & DREDGING

1/25/46 • • 34
BIDS WANTED

CENTRAL VALLEY PROJECT.— Until March 15, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Walker R. Young, Chief Engineer, Friant, Calf., under Spec. 1178 for construction of Friant-Kern Canal stilling basin, Cottonwood Creek Bridge, Friant Dam landscape area improvements, Friant Division, Central Valley Project. Work is located about 1.5 miles northeast of Friant.

Work involves:
(1) 400 c.y. common excavation for structures;
(2) 2,600 c.y. rock do;
(3) 190 c.y. excavation, concrete;
(4) 2,200 c.y. all classes excav. for pipe trenches;
(5) 320 s.y. chipping and roughening concrete surfaces;
(6) 13,000 c.y. backfll;
(7) 13,000 c.y. compacting backfill;
(8) 800 c.y. embankment;
(9) 400 c.y. riprap;
(10) constructing 860 l.f. 12-in. diam. split-sewer pipe drains with cemented joints;
(11) constructing 900 l.f. 12-inch do with uncemented joints;
(12) constructing 80 l.f. 24-in. diam. sewer-pipe drains with cemented joints;
(13) drilling 1,600 l.f. holes for anchor bars and grouting bars in place
(14) 130 c.y. concrete in outlet valve structure;
(15) 3,000 c.y. concrete in floor and wall footings of stilling basin;
(16) 2,100 c.y. concrete in walls of stilling basin;
(17) 180 c.y. concrete in bridge struc.
(18) 20 c.y. concrete in septic tanks;
(19) 90 c.y. concrete in water tanks;
(20) 260 c.y. concrete in rest-houses;
(21) constructing three rest houses, except concrete;
(22) 54,000 s.f. vacuum concrete process for floor and inside surfaces of walls of stilling basin and transition;
(23) placing 580,000 lbs. reinf. bars;
(24) 1,000 s.y. grouted paving gutters
(25) 90 l.f. gravel backfilled gutters
(26) installing 5,000 lbs. misc. metalwork;
(27) constructing 3 M ft. b.m. timber railings;
(28) placing 250 s.f. elastic joint filler
(29) placing 1,850 l.f. rubber water stop;
(30) installing 4,500 lbs. of standard metal pipe, fittings and valves;
(31) laying 150,000 lbs. cast iron pipe
(32) 5 c.y. rubble masonry;
(33) laying 100 l.f. clay sewer pipe with poured joints;
(34) laying 2,400 l.f. drain tile embedded in gravel;
(35) placing 350 c.y. of water-bound macadam base course;
(36) 180 c.y. crushed rock for wearing course, in place;
(37) furnish, haul and spread 5,000 gals. road oil;
(38) mix, compact and finish 2,100 s.y. oil-treated wearing course;
(39) installing 1,100 lbs. pumps;
(40) installing 150 l.f. embedded electrical conduits;
(41) installing 5,000 l.f. of armored parkway cable.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, Chief Engineer, U. S. Customhouse, Denver 2, Colo.; R. L. Boke, Regional Director, Old Post Office Building, 7th and K Streets, Sacramento 14; R. K. Durant, Acting Construction Engineer, Friant, Cal., and Michael W. Straus, Commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the Acting Construction Engineer.

No charge to prospective bidders for specifications; to others, $2.50, not returnable.

2/25/46 • 34
BIDS WANTED

CENTRAL VALLEY PROJECT, California.—Until March 27, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Antioch, Calif., under Spec. 1188 for the construction of earthwork, concrete lining and structures, Clayton and Ygnacio canals, Contra Costa Canal System, Delta Division, Central Valley Project, California. The work is situated in the vicinity of Concord, Calif.

The principal items of work and the estimated quantities involved are as follows:

Schedule No. 1—Clayton Canal
(1) clearing 5 acres of orchards and vineyards;
(2) grubbing 5 acres of orchards and vineyards;
(3) 40,000 cu. yds. excavation for canal;
(4) 20,000 sta. cu. yds. overhaul;
(5) 1500 cu. yds. compacting embankments;
(6) 6000 cu. yds. excavation for structures;
(7) furnishing, constructing and removing temporary supports under Bay Point and Clayton Railroad to permit construction of siphon;
(8) trimming 27,650 sq. yds. foundations for concrete lining;
(9) 5400 cu. yds. backfill;
(10) compacting 5400 cu. yds. backfill;
(11) 570 cu. yds. concrete in structures;
(12) 1500 cu. yds. concrete in canal lining;
(13) placing 64,000 lbs. reinforcement bars;
(14) 100 sq. yds. dry-rock paving;
(15) erecting 50 M ft. b.m. timber in structures, except cattle guards;
(16) constructing 10 cattle guards;
(17) laying 200 lin. ft. 15-in. diameter concrete pipe;
(18) laying 600 lin. ft. 18-in. diameter concrete pipe;
(19) laying 200 lin. ft. 24-in. diameter concrete pipe;
(20) laying 30 lin. ft. 30-in. diameter concrete pipe;
(21) placing 500 lbs. metal water stops in joints;
(22) installing 3800 lbs. gates;
(23) installing 2200 lbs. miscellaneous metal work.

Schedule No. 2—Ygnacio Canal
(1) clearing 10 acres of orchards;
(2) grubbing 10 acres of orchards;
(3) 30,000 cu. yds. excavation for canal;
(4) 10,000 sta. cu. yds. overhaul;
(5) compacting 1500 cu. yds. embankment;
(6) 6500 cu. yds. excavation, common, for structures;
(7) trimming 21,500 sq. yds. foundations for concrete lining;
(8) 6000 cu. yds. backfill;
(9) compacting 3400 cu. yds. backfill;
(10) 440 cu. yds. concrete in structures;
(11) 1175 cu. yds. concrete in canal lining;
(12) placing 50,000 lbs. reinforcement bars;
(13) 200 sq. yds. dry-rock paving;
(14) erecting 44 M ft. b.m. timber in structures, except cattle guards;
(15) constructing 10 cattle guards;
(16) laying 900 lin. ft. 15-in. diameter concrete pipe;
(17) laying 960 lin. ft. 18-in. diameter concrete pipe;
(18) laying 240 lin. ft. 24-in. diameter concrete pipe;
(19) installing 170 lin. ft. 30-in. diameter concrete pipe;
(20) placing 500 lbs. metal water stops in joints;
(21) installing 3800 lbs. of gates;
(22) installing 1400 lbs. miscellaneous metal work.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo.; R. L. Boke, regional director, Old Post Office Bldg., 7th and K Sts., Sacramento 14, Calf.; O. G. Boden, construction engineer, Antioch, Calif., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the construction engineer.

No charge to prospective bidders for copies of the specifications and drawings; to others, $2.75 per copy, not returnable.

2/25/46 • 34
CONTRACT AWARDED

SACRAMENTO COUNTY, Calif.— T E. Connolly, Inc., 461 Market St., San Francisco, at $27,032, awarded contract by the U. S. Army Engineer Office, Wright Bldg., Sacramento, under Spec. 1208 for levee setbacks at six locations on the San Joaquin River.

2/25/46 • 34
BIDS WANTED

SEATTLE, Wash.—Until Feb. 28, 10 A. M., bids will be received by the officer in charge of construction, 13th Naval District, Exchange Bldg., Seattle, under Spec. 17619 for dredging and disposal of 498,000 cu. yds. material from Wapato waterway and Commencement Bay, adjacent to Todd Pacific Shipyards, Inc., Tacoma, Wash.

Specifications obtainable from the above office.

2/25/46 34
CONTRACT AWARDED

PRIEST RAPIDS, Wash. — The Diamond Drill Contracting Co, S. 18 Stone St., Spokane, at $30,000, was awarded contract by the U. S. District Engineer Office, Textile Tower, Seattle, Wash., January 21, for exploratory foundation work at Priest Rapids damsite, Columbia River, Yakima and Grant counties, Washington.

2/25/46 34
CONTRACT AWARDED

ALTUS PROJECT, Oklahoma.— Luther Bros. Construction Co., Fort Worth, Texas, at $255,482, awarded contract by the U. S. Bureau of Reclamation under Spec. 1132 for construction of earthwork and structures, station 376 plus 87.5 to station 610 plus 00, Altus Canal and Altus laterals 2.8 and 9.9 and sublaterals, Altus Project, Oklahoma. The work is situated 1 to 11 miles north of Altus.

2/25/46 34
CONTRACT AWARDED

SEATTLE, Wash. — General Construction Co., 3840 Iowa Ave., Seattle, at $66,000, awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., under Spec. 17606 for removing and disposing of 83,000 cu. yds. material.

35— DOCKS, PIERS & HARBORS

2/25/46 • 35
BIDS WANTED

SAN FRANCISCO—Until March 13, 2 P. M., bids will be received by the U. S. Engineer Office, Room 402, 74 New Montgomery St., San Francisco, under Inv. No. 04-203-46-4 for drydocking and overhauling the U. S. dredge Dan C. Kingman.

Specifications obtainable from the above office.

2/25/46 •
CONTRACT AWARDED
REPAIR PIER
SAN FRANCISCO. Embarcadero.
Repair damaged corner concrete deck and fender line on the south side of Pier 24.
Owner—Board of State Harbor Commissioners, Ferry Bldg., San Francisco.
Plans by engineering department of owner, Frank G. White, chief engineer.
Contractor — Duncanson - Harrelson Co., 1404 DeYoung Bldg., $5494.
Other bidders were:
Healy - Tibbitts Construction Co., San Francisco, $6840.
Mercer-Fraser Co., $7280.
Clinton Construction Co., $8400.
Case Construction Co, $9311.
Ocean Constructors, $9400.
Ben C. Gerwick, $9741.

38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

2/25/46 38
CONTRACT AWARDED

PORTLAND, Ore.—Morrison-Knudsen Co., Inc., Hoge Bldg., Seattle, Wash., at $136,070, awarded contract by the Bonneville Power Administration, P. O. Box 3537, Portland, Ore., for the clearing of approximately 30 miles of right-of-way for the Chehalis-Olympia 230-kv. transmission line in Lewis and Thurston counties The work involves clearing of right-of-way, removing trees, obstructions and building access roads, road structures and gates and dispose of all cleared material; Invitation No. 3536. Bids were received January 28.

2/25/46 38
TO ASK BIDS SHORTLY
LIGHTING SYSTEM Cost, $12,000
RED BLUFF, Tehama Co. Calif. Red Bluff Union High School.
Construction of lighting system for athletic field.
Owner—Red Bluff Union High School District, Robert R. Hartzell, superintendent, Red Bluff.
Plans by owner.

39—SEWERS

2/25/46 39
BIDS WANTED

BURLINGTON, Wash.—Until Mar. 20, 8 P. M., bids will be received by the City of Burlington, Wash., for construction of sewer system; estimated cost, $168,000.

Specifications available March 1 from Consulting Engineers Harry H. Sisler, 221 1st, Kirkland; and Frank Gilkey, Burlington.

40— STREETS AND HIGHWAYS

2/25/46 40
CONTRACT AWARDED

SACRAMENTO, Calif.—L. G. Lentz, 1620 11th Ave., Sacramento, at $2049.60 awarded contract by the City of Sacramento, City Hall, for paving alley, 17th, 18th Sts., Capital Ave.

2/25/46 40
CONTRACTS AWARDED

NEW MEXICO.—F G. Healy, state highway engineer, State Capitol, Santa Fe, N. M., received bids and awarded contracts February 15 for highway construction in New Mexico as follows:

Union County, Project No. S-58, on N. M. Highway Route No. 58, between Springer and Clayton, a length of 10.298 miles, involving grading, shaping, watering, rolling, placing ballast and leveling course and bituminous top course surfacing.

W. T. Bookout Construction Co., Las Vegas, N. M., awarded contract at $130,615.

Roosevelt County, Project No. S-82 (2), on N. M. Highway Route No. 92, between Elida and Dora, a total distance of 18.663 miles, involving grading, drainage structures, box culvert, watering, rolling and leveling course, ballast, bituminous top course surfacing.

Littlefield Construction Co., Albuquerque, N. M., awarded contract at $224,457.

Lincoln County Project No. F-99 (4), on U. S. Highway Route Uo. 54, between Carrizozo and Tularosa, a length of 8.222 miles, involving grading, drainage structures, 5 box culverts, 2 timber bridges, watering, rolling, ballast, leveling course, bituminous top course surfacing.

Henry Thygesen & Co., Albuquerque, N. M., awarded contract at $332,011.

All awards were made subject to the approval of the Public Roads Administration.

2/25/46 40
BIDS OPENED

WASHINGTON STATE.—The following submitted bids to the director of highways, Clarence B. Shain, Olympia, Wash., for the construction of the following improvements:

1. Constructing three reinforced concrete highway grade separation structures on primary state highway No. 1 in the vicinity of Kelso in Cowlitz County, at Allen St., Brinyon St. and vicinity of Station 571, Federal Aid Projects Nos. UI-32(11), Unit 1, UI-32(12), Unit 4, and FI-32(6), Unit 1, involving about 2025 cu. yds. of concrete class A, 30 cu. yds. of concrete class B, 360 cu. yds. of concrete class F, 867 lin. ft. of reinforced concrete bridge railing, 595,000 lbs. of steel reinforcing bars, 5000 lin. ft. of timber piling (untreated), 8200 lin. ft. of steel piling and other items.

Low Bidder: Marine Contractors, Inc., 8444 NW St. Helens, Portland, $199,681.

Other bidders: MacRae Brothers, Seattle, $207,256; Fielding & Shepley, Inc., Seattle, $207,667. Four other bids received.

2. Grading and surfacing on 1.866 miles of primary state highways Nos. 1 and 12, Kelso to Rocky Point and Allen St. connection, in Cowlitz County, Federal Aid Projects Nos. UI-32 (11), Unit 2; UI-32(12, Unit 3; FI-32 (6), Unit 1, and UI-167(12), involving about 29.26 acres of clearing, 16.45 acres of grubbing, 399,370 cu. yds. of common excavation, 28,820 cu. yds. of solid rock excavation, 6205 cu. yds. of common trench excavation, 4140 cu. yds. of structure excavation, 6145 cu. yds. of ballast, 4160 cu. yds. of crushed stone surfacing, 590 lin. ft. of cement concrete curb, 335 sq. yds. of cement concrete sidewalk, 179.21 cu. yds. of concrete class A, 4.0 cu. yds. of concrete class B, 70.24 cu. yds. of concrete class C, 28,626 lbs. of steel reinforcing bars, 1130 lin. ft. of beam guard rail, 4692 lin. ft. of culvert pipe and other items.

Low Bidder: Erickson Paving Co., 1550 N 34th, Seattle, $244,160.

Other bidders: Northwest Constr. Co., Seattle, $249,977; Leonard and Slate, Portland, $295,904. Three other bids received.

3. Grading, paving, constructing reinforced concrete retaining walls and constructing a reinforced concrete T-beam bridge over Pacific Coast Railroad Co. tracks on 0.25 mile of primary state highway No. 5, Maple Valley vicinity in King County, Federal Aid Project No. SG-19(3), and state project, involving about 2520 cu. yds. of unclassified excavation, 1231 sq. yds. of cement concrete pavement, 122,320 lbs. of steel reinforcing bars, 12,200 lbs. of pavement reinforcing, 270 cu. yds. of concrete class A, 80 cu. yds. of concrete class B, 269 cu. yds. of concrete class F, 3800 lbs. of structural steel, 438 lin. ft. of culvert pipe and other items.

Low Bidder: Everett McKellar. Morton, Wash., $44,279.

Other bidders: Doolittle Construction Co., Seattle, $50,459; Beal & Roberts, Seattle, $50,437.

4. Grading, surfacing and constructing two steel and concrete bridges over the Soleduck River on 1.774 miles of primary state highway No. 9, Sniders Ranger Station east and west, McDougal Creek revision, in Claliam County, Federal Aid Project No. F-170(10), involving about 18.92 acres of clearing, 11.56 acres of grubbing, 112,030 cu. yds. of common excavation, 3500 cu. yds. of solid rock excavation, 7480 cu. yds. of selected roadway borrow, 4110 cu. yds. of crushed stone surfacing, 490 cu. yds. of crushed cover stone, 340 cu. yds. of crushed mineral aggregate, 2230 lin. ft. of culvert pipe, 744 cu. yds. of concrete class A, 446 cu. yds of concrete class F, 366 cu. yds. of concrete class H, 640 lin. ft. of renforced concrete bridge railing, 247,000 lbs. of steel reinforcing bars, 568,000 lbs. of structural steel, 5200 lbs. of cast steel and other items.

Low Bidder: Cascade Contractors, foot of SW Abernathy, Portland, $302,531.

Other bidders: M. P. Munter, Seattle, $306,087.

M. P. Butler, Seattle, $315,023. Three other bids received.

2/25/46 • 40
BIDS WANTED

ALAMEDA, Alameda Co., Calif.— Until February 28, 2 P. M., bids will be received by the Federal Public Housing Authority, Room 901 Phelan Bldg., San Francisco, for supplementary road construction and drainage at Alameda Project Calif. 4895-N.

Specifications obtainable from the above office.

2/25/46 • • 40
LOW BIDDER

LOS ANGELES, Cal.—Macco Construction Co., 815 Paramount Blvd., Clearwater, at $1,141,080 submitted low bid to the State Division of Highways, G. T. McCoy, State Highway Engineer, State Bldg., Los Angeles, for about 2.10 miles in length to be graded and paved with asphalt concrete on Terminal Island Freeway, between Henry Ford Ave. and Willow St. (VII-LA-Term, Is.), in the cities of Los Angeles and Long Beach.

2/25/46
FIRE LOSS

BERKELEY, Alameda Co., Calif. —Fire damage recently caused an estimated loss of $20,000 to St. Ambrose Church's social hall, 1145 Gilman Street.

Machinery & Material

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42— MISC. SUPPLIES AND MATERIALS

2/25/46 • 42
BIDS WANTED

CENTRAL VALLEY PROJECT, California.—Until March 28, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Denver, Colo., under Spec. 1201 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Sacramento, Calif., at the option of the bidder, the following electrical equipment for the North and South Sacramento substations and the Delta substation, Central Valley Project, California: seven (7) 20,000/20,000/20,000-kv-a., 127,000/220,000 Y- to 13,800 delta- and 66,400/115,000 Y-volt, three-winding, single-phase, 60-cycle, oil-immerced, self-cooled, outdoor type transformers, with suitable single-pole lightning arresters for 115,000-volt and 13,800-volt circuits mounted on the cases, and bushing current transformers on each line bushing; eight (8) 25,000/16,667/25,000-kv-a., 127,000/220,000 Y- to 13,800 delta- and 66,400/115,000 Y-volt, three-winding, single-phase, 60-cycle, oil-immersed, self-cooled, outdoor type transformers, with suitable single-pole lightning arresters for 115,000-volt and 13,800-volt circuits, mounted on the cases, and bushing current transformers on each line bushing; ten (10) 230,000/196,000-volt, 800-ampere, three-pole, single-throw, 3-cycle, 3,500,000-kv-a., interrupting capacity, outdoor type oil circuit breakers, with provision for future 20-cycle automatic reclosing; six (6) 230,000/196,000-volt, 800-ampere, three-pole, single-throw, 5-cycle, 2,500,000-kv-a., interrupting capacity, outdoor type oil circuit breakers; seventeen (17) 115,000-volt, 800-ampere, 5-cycle, 1,500,000-kv-a., interrupting capacity, three-pole, single-throw, outdoor type oil circuit breakers, with possible provision for 20-cycle automatic reclosing; four (4) 196,000-volt, 1200-ampere, three-pole, selector type, manually-gang operated, outdoor type disconnecting switches; eight (8) 196,000-volt, 1200-ampere, three-pole, selector type, manually-gang operated, outdoor type disconnecting switches, with manually-gang operated grounding blades; eighteen (18) 196,000-volt, 1200-ampere, three-pole, single-throw manually-gang operated, outdoor type disconnecting switches; two (2) 115,000-volt, 600-ampere, three-pole selector type, manually-gang operated, outdoor type disconnecting switches; twelve (12) 115,000-volt, 600-ampere, three-pole, selector type, manually-gang operated, outdoor type disconnecting switches with manually-gang operated grounding blades; nineteen (19) 115,000-volt, 600-ampere, three-pole, single - throw, manually - gang operated, outdoor type disconnecting switches; twelve (12) 15,000-volt, 3000-ampere, single-pole, single-throw hook-operated ,outdoor type disconnecting switches; twelve (12) single-pole, outdoor, thyrite or autovalve, station type lightning arresters, arranged for suspension mounting and suitable for use on 230,000-volt, three-phase, grounded-neutral circuits; fifteen (15) 196,000-volt, insulated, 300- to 5- and 5-ampere, 60-cycle, oil-immersed, outdoor type current transformers with double secondary windings; nine (9) 196,000-volt, insulated, 400- to 5- and 5-ampere, 60-cycle, oil-immersed, outdoor type current transformers with double secondary windings; twelve (12) 115,000-volt, insulated, 200/400- to 5-ampere, 60-cycle, oil-immersed, outdoor type current transformers, with double primary windings; thirty-six (36) 115,000-volt, insulated, 400/5- and 20-ampere, 60-cycle, oil-immersed, outdor type current transformers, with double secondary windings; and six (6) 115,000-volt, insulated, 69,000- to 69/115-volt, 60-cycle, oil-immersed, outdoor type potential transformers. The equipment. No charge for copies of the ment. Nn charge for copies of the specifications to prospective bona fide bidders; to others, $1.50, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colo.

225/46 • 42
BIDS WANTED

SAN FRANCISCO.—Until March 7, 2 P. M., bids will be received by the U. S. Forest Service, 447 Sansome St., San Francisco 11, under Bid No. 370 for 260 angeles metal toilet stools, f.o.b. shipping point.

Specifications obtainable from the above office.

2/25/46 42
CONTRACTS AWARDED

SAN FRANCISCO. — Ferry-Morse Seed Co., Germain Seed & Plant Co. and C. M. Volkman & Co. awarded contracts by the Purchaser of Supplies, 270 City Hall, under Bid No. 3457 for furnishing and delivering 6000 lbs. of grass seed for the Park Department.

2/25/46 42
CONTRACT AWARDED

SACRAMENTO, Calif. — American Rubber Co. awarded contract by the City of Sacramento, City Hall, for 2000 feet of fire hose for the city's Fire Department.

2/25/46 • 42
BIDS WANTED

OAKLAND, Alameda Co., Calif.— Until March 6, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, 512 16th St., Oakland, under Spec. 1714 for lead-covered cable.

Specifications obtainable from the above office.

2/25/46 • • 42
BID OPENED

OAKLAND, Alameda Co., Calif.— American Cast Iron Pipe Co., Sharon Bldg., San Francisco, at (1) $18,702.05; (2) $8,315.64 submitted only bid to the East Bay Municipal Utility District, 512 16th St., Oakland, under Pro. LS-347 for furnishing 3755 cast iron and spigot water pipe fittings of 4- to 12-inch diameters.

2/25/46 • 42
BIDS OPENED

OAKLAND, Alameda Co., Calif.— Following submitted bids to the East Bay Municipal Utility Dist., 512 16th St., Oakland, under Pro. 1712 for furnishing approx. 2500 water meters:

Pittsburgh Equitable Meter Co., $10 each; total, $25,000, with discount $24,400.

Neptune Meter Co., $10 each; total, $25,000; with discount, $24,536.50.

Hersey Mfg. Co., $10.70 each; total $26,750 net.

(Continued on Page 4)

Building Permits, Contracts---Recorded Notices

BUILDING PERMIT Applications

SAN FRANCISCO

BLEACHERS, Class B conc., $60,000; NE 16th and Bryant Streets; owner, S F Baseball Club, prem; contractor, Robert L Wilson, 1297 Bush Street.

ALTER bank, $15,000; 555 Montgomery St; owner, Bank of Canton, premises; contractor, G P W Jensen & Sons, Inc, 320 Market St.

BLDG, steel and Class C masonry, $12,500; NE Fremont 150 SE Mission; owner, Key System, 1106 Broadway; contractor, Monson Bros, 475 6th St.

DWELLING, 1-story frame, $9000; SE 14th Ave and Vicente; owner and builder, Robert V McAninch, 2090 10th Ave.

DWELLINGS, two, 1-story, frame, $5800 each; N Alemany 194, 219 W Benton Ave; owner and builder, H Barber & Son, 280 Justin Drive.

ALTER apts, $5000; 720 41st Ave; owner, Community of St. Saviour, prem; contractor, John Newton, 2029 Kirkham St.

DWELLINGS, 11, 1-story frame, $4,000 each; E 48th Ave 100, 125 N Riviera; E 27th Ave 50, 75, 25, 100, 125, 150 S Quintara; W 46th Ave 218, 243, 268 S Noriega; owner, Atlas Realty Co, 1500 Judah Street; contractor, Pacific Coast Constr Co, 1500 Judah Street.

ALTER apts, $2000; 2228 Union St; owner, I Langsam, premises.

ALTER dwelling, $2000; 1763 27th Ave; owner, Dr A Horung, prem; contractor, State Bldg Co, 1435 Paloma, Burlingame.

ALTER dwelling, $500; 801 Madrid; owner, Wm M Tonelli, 22 Colten; contractor, Jos Sandtner, 137 Concord.

ALTER cigar store and restaurant, $500; 799 22nd St; owner and contractor, Louis Quintana, premises.

OAKLAND

STORE, 1-story, $22,000; 7622 MacArthur Blvd; owner, Miss Peggy N Maxey, prem; contractor, H L Risdon & Sons, 5977 Majestic Ave.

DWELLING, 1-story 6-room, $6500; 2306 90th Ave; owner and builder, J E Pearce, 2300 90th Ave.

DWELLINGS, three, 1-story 5-room, $4000 each; 10034, 10201, 10115 Voltaire Ave; owner and builder, J M Walker, 1631-D University Ave, Berkeley; architect, Paul Hammarberg, 2 Norwood Ave, Berkeley.

DWELLING, 2-story 6-room, $9300, garage, $300; 362-A 45th Street; owner, Dominic Sibillia, 449 Desmond St; contractor, C M MacGregor, 1391 Solano Ave, Albany.

ADDITION, $1000; 4650 Telegraph; owner and builder, Kierman & Co, 4650 Telegraph Ave.

ADDITION, 2-story and alterations to apt, $6500; 464 Fairmount Ave; owner, E C Rodgers, 173 Santa Rosa Ave; contractor, A A Church, 1602 53rd Ave.

ADDITION, $1800; 9416 Walnut St; owner and builder, Dan Weibert, 9416 Walnut St.

STORE bldg, 1-story concrete, $35,000; 1807-07 Webster St, and 351-61 19th St; owner, Demetri-William Condues, 714 Jean St; contractor, Lewis Constr Co, 516 8th Street; plans by Burrell & Dalton, 409 15th St.

DWELLING, 1-story 5-room, $4500; 7109 Krause Ave; owner and contractor, W H Warren, 3490 Midvale Ave.

TRIPLEX, 2-story 9-room, $9500; 2946-48-50 Bona St; owner, John Franson, 2511 Damuth; contractor Carl Walstrom, 1447 Excelsior.

DWELLINGS, two, 1-story 5-room, $4000 each; 9424-9430 D St; owner Alameda Homes Co, 5909 E 14th St; contractor, H S Pulliam, 5909 E 14th St.

REPAIR fire damage to factory, $20-000; 2340 Adeline St; owner, Leon Hummel, premises; contractor, F J Early Jr Co, Inc, 369 Pine Street, San Francisco.

ALTERATIONS, $10,080; 429 19th St owner, Biffs Cocktail Lounge, 429 19th St; contractor, B S MacIntyre, 589 Jean St.

REPAIR fire damage, $900; 1831 Myrtle St; owner, Nellie McNell, premises; contractor, Van Bokkelen-Cole Co, 955 22nd St.

REPAIR fire damage, $1000; 1206 28th St; owner, Melvina Jones, prem; contractor, Van Bokkelen-Cole Co, 955 22nd St.

GARAGE, 1-story concrete, $52,000; 4917 E 14th St; owner, Mel McLaren, 103rd and E 14th St; contractor, D W Nicholson, 1701 San Leandro Blvd; plans by G L Rosebrook.

DUPLEX, 1-story 8-room, $10,000; 520-22 E 18th St; owner, Max Kameny, 411 30th St; contractor, Wm Spivock, 1734 Webster St.

TRIPLEX, 1-story 6-room, $8,000; 1432-34-36 E 31st St; owner, Dr J Ellis, 2816 Oak Knoll Terrace, Berkeley; contractor, Nelson and Rugg, 9532 E 14th St.

ADDITION, $1935; 5412 El Camille; owner, Mrs Mary Tompact, 4526 Bond St; contractor, Nelson and Rugg, 9532 E 14th St.

BERKELEY

ALTER, $3000; 1931 Haste; owner and contractor, Donald G Watts, 1921 Haste.

ALTER, $1000; 2634 Regent; owner and contractor, Bertha B Alderson, 2634 Regent.

ROOFING, $1000; 2484 Shattuck Ave; owner and contractor, Stane Bros Furn Co, 2484 Shattuck Ave.

ROOFING, $700; 2 Hillcrest Court; owner, L S Ready, prem; contractor, Evertite Rfg Co, 2309 Milvia.

ALTER, $600; 2400 Telegraph Ave; owner, Berkeley Music Co, prem; contractor, C O Bradhoff, 911 55th St, Oakland.

ALTER, $2000; 809 Delaware; owner and contractor, Irving C Townsend, 809½ Delaware; plans by F E Bryan.

ALTER, $900; 1614 Santa Rosa; owner, J Blair, premises; contractor, Leslie C Dome, 505 Coventry Rd.

ALTER, $4000; 2806 San Pablo Ave; owner and contractor, H Krusl, 100 Duncan Way, Oakland; architect, R A Hutchinson, 3433 Andover St, Oakland.

DWELLING, 3-room, $2400; 1605 Julia; owner, John Sier, 33rd Street, Oakland; contractor, Geo H Calder, 8056 Earl St, Oakland.

FRESNO

ADD TO STORAGE BUILDING, $15,000; 401 H St; owner, Venus Foods; builder, J Masters Co.

ADD TO GARAGE, $1000; 1584 Poplar; owner, Ben Post.

BUILDING PERMIT Granted

SAN FRANCISCO

FEBRUARY 20, 21, 1946

ALTER dwelling, $700; 1418 Galvez Ave; owner, Church of God in Christ.

ALTER dwelling, $2000; 3342 Steiner St; owner, Armin Peters.

ALTER bakery, $1200; 2767 21st St; owner, Frank Manfre.

ALTER offices, $2000; 536 Mission St; owner, Wilson Brothers.

FOUNDATIONS only, $30,000; NW Battery and California Sts; owner, J R Cahill.

ALTER hotel-apts, $25,000; 1075 California St; owner, E N Fritz.

ALTER bldg, $3000; 1167 Mission; owner, Harvey Miles Co.

ALTER home, $650; 511 Elisabeth St; owner, M J Moran.

ALTER stores, $1500; 883 Market St; owner, Wm H Woodfield, Jr, et al.

SAN CARLOS

DWELLINGS (2), $9000 each; 2420 and 2410 Eaton Ave; owner and builder, Loretz & Suling. (68 homes to date for 1946; $768,750 building valuation to date for 1946.)

BURLINGAME

TOOL- and play-house, $1000; 1530 Hoover; owner and builder, Tom Garret.

ALTER store bldg, $10,000; Ptn lots 29 and 30 blk 5, Broadway; owner, Robert Leng, Jr; contractor, Geo Cole, 1300 Edgehill Drive.

ADD sunroom and bedroom, $2500; 1294 Oak Grove; owner, Mr Alpert; contractor, M J Henry, 132 Bancroft Road.

AUTO Sales and service bldg, $85,000; Lots 7, 8, 9 Blk 14, California Drive; owner, Jas W McAllister; contractor, MacDonald, Young and Nelson, 127 Montgomery St, San Francisco; architects, Sharps and Brown, 1477 Burlingame Ave.

RESIDENCE, $8000 Lot 16 Blk 49 Balboa; owner and builder, Gunner, Klint, 2410 Easton Drive.

ADD room, $1000; Lot 12 Blk 14, Burlingame Ave; owner, Jos Amable, contractor, Custom Bilt Homes.

RESIDENCE, $8000; Lot 13 Blk 11, Costello; owner, J H Wilkinson; contractor, Geo W Williams Co, 10 California Drive.

ALTER residence, $1000; 483 Marin; owner and contractor, R A Fertiz.

ALT bldg, four apts, $10,000; Lot 4 Blk 5, El Camino Real; owner and builder, H J Hardy, 954 Palm Ave, San Mateo.

APTS (2) over garage, $1,000; 1225 Capuchino; owner and builder, D C Varvel.

REDWOOD CITY

STORE bldg, $9975; 35-37 James St; owner, A L Balsano; contractor, J Barke.

SAN MATEO COUNTY
Unincorporated

RESIDENCE, $5242; 1046 Weeks; owner and builder, Robt Edlefsen, 1040 Weeks.

PALO ALTO

ALTER residence, $750; 1535 Bryant St; owner, Lydia W Bodley.

ALTER residence, $1500; 840 Hamilton Ave; owner, G C Grey; contractor, Nichols-White, Inc, 156 University Ave.

RESIDENCE and garage, $5500; 290 Oxford Ave; owner, A F Imhoff, 420 Williams St; contractor, W J Kelley, 420 Williams; plans by D Garcia, North Palo Alto.

ALTER residence, $2000; 605 Cowper St; owner, G W Groover, 500 Hamilton Ave; owner, L E McIntyre, 151 Park Blvd; plans by J W Bagley, Philadelphia.

GARAGES, two, $1000; 333 Stanford and 535 Birch; owners, K W and W Croy, 290 California Ave.

Plumbing Permits

BERKELEY

42 Menlo; owner, Terris; dealer, W MacMillan; sink.

1025 Creston Road; owner, H Rubinson; dealer, Durant Plbg; 2 w closets; 2 w basins; b tub; sink; w tub; shower.

1574 Euclid; owner, H H Whiting; dealer, Henry Lass; shower.

1448 Cornell; owner, ...; dealer, W MacMillan; w closet.

70 Oak Ridge; owner, Dr Hass; dealer, W MacMillan; w basin.

1448 Cornell; owner, ...; dealer, W MacMillan; w basin.

Furnace Permits

OAKLAND

3430 Alexander; owner, Johnson; dealer, O C Wood; floor furnace.

2683 28th Ave; owner, Jamez; dealer, Harer Furnace; floor furnace.

407 Orange; owner, C Miller; dealer, Harer Furnace; central furnace.

2321 38th Ave; owner, A Wilson; dealer, Harer Furnace; central furnace.

3637 Midvale Ave; owner, Pulliam; dealer, Tinzel; floor furnace.

2120 66th Ave; owner, A Rose; dealer, Bay Cities Heat & Vent Co; floor furnace.

3764 39th Ave; owner, Schrone; dealer, Bay Cities Heat & Vent Co; floor furnace.

1836 99th Ave; owner, Lincoln; dealer, C Milehan; floor furnace.

1832 99th Ave; owner, Lincoln; dealer, C Milehan; floor furnace.

2860 Delaware; owner, Pierce; dealer, O C Wood; floor furnace.

1218 50th Ave; owner, Bass; dealer, H P Sheridan; floor furnace.

10225 Edes Ave; owner, Ferriera; dealer, H P Sheridan; floor furnace.

1815 100th Ave; owner, Frietas; dealer, H P Sheridan; floor furnace.

6628 Laird Ave; owner, Byrns; dealer, H P Sheridan; floor furnace.

2706 E 21st St; owner, Warnie; dealer, Harold Sogn; floor furnace.

2606 Havenscourt; owner, ...; dealer, C W Roland; floor furnace.

2957 108th Ave; owner, Burke; dealer, C W Roland; floor furnace.

8200 Iris; owner, Soderbaum; dealer, C W Roland; floor furnace.

2916 Courtland; owner, R Bernard; dealer, D N Watson; floor furnace.

2450 65th Ave; owner, Seloogs; dealer, H P Sheridan; floor furnace.

Completion Notices

SAN FRANCISCO

Recorded Accepted

Feb ...., 1946—550 TARAVAL ST, 2392-94-96 16th Ave; NE Taraval and 16th Ave. Chris D McKeon to McKeon Constr Co........ ....February 15, 1946

ALAMEDA COUNTY

Recorded Accepted

Feb 21, 1946—LOTS 1 to 5 incl and 36 to 40 incl, Tract 711, Oakland. Bay Counnties Home Co to the Schultz Constr Co.......Feb 19, 1946

Feb 19, 1946—FIRST and Jefferson Sts, Oakland. D Zelinsky & Sons to whom it may concern.... ....February 4, 1946

Feb 19, 1946—1832 and 1836 99th Ave, Oakland. Luther H Lincoln to whom it may concern........ ....February 19, 1946

Electrical Permits

SAN FRANCISCO

8984 3316 19th St; owner, Andy Cafayso; contractor, Weber-Conroy; ....

8985 39 Joe St; owner, Wm Sloane contractor, Weber-Conroy; 4 outlets; 2 switches; service.

8986 2509 Van Ness Ave; owner, J H Pence; contractor, G H Armstrong Elec; alterations.

8987 1224 9th Ave; owner, Karlseng; contractor, G H Armstrong Elec Co; ....

8988 938 Market; owner, Lippert; contractor, Malm & Welter; 50 outlets; 2 switches; 6 plugs; motors.

8989 270 13th St; owner, Patent Scaffolding Co; contractor, Frank J Klimm Co; alterations.

8990 1736 Haight; owner, Beal Constr; contractor, Frank J Klimm Co; alterations.

8991 486 Ellis St; owner, Kam Bach Club; contractor, F J Klimm Co; alterations.

8992 447 Ellis St; owner ,John's Grocery; contractor, Frank J Klimm Co; alterations.

8993 NW Cor 32nd Ave and Quintara; owner, Lindsay; contractor, Adams Elec; ....

8994 45th Ave SW Cor Pacheco; owner, Lindsay; contractor, Adams Elec Co; ....

8995-96 2066-70 32nd Ave; owner, Lindsay; contractor, Adams Elec Co; 12 outlets; 10 switches; service; 14 plugs.

8997 200 Davis St; owner, Turco Products Co; contractor, Decker El Constr Co; ....

8998 336 Battery St; owner, Elliott Addressing Machine; contractor, J K Herzog Elec Co; 5 outlets; 3 plugs.

8999 2235 Revere; owner, M J Lynch; contractor, Geo F Brayer; 2 outlets; 2 plugs; service.

9000 450 Sutter St; owner, Dr Paul; contractor, Central Electric Co; ....

9001 SE Cor Alabama and 17th Sts; owner, Bradley Planting; contractor, Central Elec; 4 outlets; 3 switches; 4 plugs.

9002 1091 Market St; owner, Merrill; contractor, Spott Elec Co; one switch.

9003 1000 Columbus Ave; owner, Moreci; contractor, Mercury Elec; 14 outlets; 3 switches; 16 plugs.

9004-05 790-94 48th Ave; owner, Arnesen; contractor, Richmond Elec Co; 10 outlets; 10 switches; 10 pl; service.

9006 E 21st St 275 N Taraval St; owner, Doelger; contractor, Richmond Elec; service.

9007 63 Page St; owner, Osborne; contractor, Galvin Bros; 2 outlets; 7 plugs.

9008 Sacramento and Powell Sts; owner, Douglass Dorn; contractor, Chas A Langlais Co; 3 switches; 6 plugs.

9009 Grant Ave and Maiden Lane; owner, Hale Bros; contractor, Chas A Langlais Co; 601 outlets; 126 pl; 98 switches; service; motors.

9010 130 Hayes; owner, K E Parker Co; contractor, Chas A Langlais Co; 32 outlets; 7 switches; 3 plugs; service.

9011 843 Larkin; owner, Aloha Club; contractor, Byington Elec; one plug; motor.

9012 Clay and Polk Sts; owner, Geltis Cafe; contractor, Byington Elec; 1 plug.

9013 2066½ Sutter St; owner, Uptown Cleaners; contractor, Byington Elec Co; alterations.

9014 602 Larkin; owner, S F Coffee Shop; contractor, Malm & Welter 1 plug.

9015 2300 3rd St; owner, Goodyear Rubber Co; contractor, Star Delta Elec Works; motr.

9016 85 2nd St; owner, Pacific Tel & Tel Co; contractor, L Roy Moser; 20 outlets; 22 plugs.

9017 17th and Rhode Island Sts; owner, Western Can Con; contractor, L Roy Moser; 3 outlets.

9018-20 Various locations and owners; contractor, QRS Neon Co; signs.

9021 948 Teresita Blvd; owner, Meyer Constr Co; contractor, E A Koenig; 12 outlets; 11 switches; 13 plugs.

9022-9023 130-126 Melrose; owner, Meyer Constr Co; contractor, E S Koenig; 12 outlets; 11 switches; 13 plugs.

9024 537 Magellan; owner, Erick; contractor, E A Koenig; 2 plugs.

OAKLAND

35680 7825 San Leandro St; owner, Spencer & Morris; contractor, E W Scott Elec Co; motors.

35681 1732 Mtn Blvd; owner, C Jacobsen; contractor, R F Long; 10 outlets; 10 switches; 10 fixtures; 12 plugs.

35682-85 2594, 2590 Truman, 9717, 9711 Lawlor; owner, Van Ness; contractor, R F Long; 10 outlets; 10 switches; 10 plugs, each job.

35686 1436 84th Ave; owner, Phil Silva; contractor, R F Long; 10 outlets; 10 switches; 10 fixtures; 12 plugs.

35687-90 2610, 2608, 2604, 2600 Truman; owner, Van Ness; contractor, R F Long; 10 outlets; 10 switches; 10 fixtures; 10 plugs, each job.

35691 2820 Broadway; owner, E B Wells; contractor, Electrical Prod Corp; sign.

35692 3408 Foothill Blvd; owner, Craig Oil Co; contractor, Electrical Products Corp; sign.

35693 136 14th St; owner, Bercovich; contractor, Electrical Products Corp; sign.

35694 625 23rd St; owner, R Robbins; contractor, Scott-Buttner El; 1 outlet.

35695 4101 Lakeshore; owner, Rogers; contractor, Shea Elec; service.

35696 591 34th St; owner, Jones; contractor, Shea Elec; alterations.

35697 6011 Foothill Blvd; owner, Skany; contractor, Shea Electric; alterations.

35698 438 10th St; owner, Star Cafe; contractor, Shea Elec; alter.

35699 669 MacArthur Blvd; owner, Beck; contractor, Fox Elec Co; outlets; switches; plugs; alterations.

35700 5016 Telegraph Ave; owner, Young; contractor, Paramount Elec; fixtures; alterations.

35701 325 11th St; owner, A & A Garage; contractor, Paramount El; motors; alterations.

35702 3724 Wisconsin St; owner, Todd; contractor, Shea Elec; change meter.

35703 3757 35th Ave; owner, Nylon; contractor, James Anderson; outlets; switches; fixtures; plugs.

35704 596 33rd St; owner, Weber; contractor, T Bushman Elec; 32 outlets; 32 switches; 36 plugs.

35705 4252 Coolidge; owner, Peschel; contractor, Collins Electric Co; outlets; switches; fixtures; plugs.

35706 4244 Coolidge; owner, Peschel; contractor, Collins Electric Co; outlets; switches; fixtures; plugs.

35707 5027 Trask; owner, Yokum; contractor, Collins Elec; range.

35708 2927 Georgia; owner, Jordan; contractor, Dimond Elec; service; range.

35709 3098 E 10th St; owner, B W Norton; contractor, Pacific Electric Motor Co; motors.

35710 109th Ave and E 14th St; owner, Chevrolet Plant No 2; contractor, Pacific Elec Motor Co; outlets; fixtures.

35711 22nd and Filbert; owner, Union Ice Co; contractor, Pacific Elec Motor Co; 1-hp. motor.

35712 701 7th St; owner, Durham Farm Creamery; contractor, Pacific Elec Motor; 20-hp. motor.

35713 98th Ave and San Leandro Blvd; owner, Butler Cannery; contractor, Pacific Elec Motor Co; 3 outlets; 1 fixture; 2 plugs.

35714 364 14th St; owner, East-West Produce Co; contractor, Pacific Elec Motor Co; 3 outlets; 2 fixtures; 1 plug.

35715 419 20th St; owner, The Hula Shack; contractor, Jos Taloff; fixtures; alterations.

35716 12th and Franklin Streets; owner, St Mark Hotel; contractor, Jos Taloff; 11 fixtures.

35717 1800 94th Ave; owner, Ole Moen; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35718 2951 McClure; owner, Pedgrift; contractor, Clifford Electric; outlets; switches; fixtures; plugs; alterations.

35719 675 37th St; owner, Fox Water Co; contractor, Clifford Electric; outlets; fixtures; motors; alter.

35720 55th and Marshall Streets; owner, Joe Villa; contractor, Clifford Elec: outlets; switches; plugs; motors.

35721 60 Lincolnshire Dr; owner, California Builders; contractor, Clifford Electric; outlets; switches: fixtures; plugs.

35722 2553 8th Ave; owner, J Olson; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35723 1936 Broadway; owner, J Pipenburg; contractor, T L Rosenberg; outlets; fixtures.

35724 2637 Foothill Blvd; owner, Electrical Products; contractor, T L Rosenberg; 2 switches; signs.

35725 4016 E 14th St; owner ,Sun Roofing Co; contractor, T L Rosenberg Co; outlets; plugs; alterations.

35726 1574 Alice St; owner, Rose; contractor, Matson Elec Equip Co; repair fire damage.

35727 1215 62nd St; owner, Rose; contractor, Matson Elec Equip Co; fixtures.

35728 4211 Park Blvd; owner, Safeway Stores; contractor, Matson Elec Equip Co; move meter.

35729 1115 Stanford Ave; owner, City Cafe; contractor, Conrad Elec Co; alterations.

35730 10th and Market Sts; owner, Cameo Stand; contractor, Conrad Elec; outlets; fixtures.

35731 10723 Sheldon St; owner, W F Michaels; contractor, Special Owner, 10 outlets; 1 switch; 10 fixtures; 3 plugs.

BERKELEY

629 1006 Fardee; owner, Oliver & Coburn; contractor, Jones Electric; 10 outlets; 8 switches; 4 plugs; 5 circuits.

630 3278 Adeline; owner, Otto E Frank; contractor, Modern Neon; 1 sign.

631 1998 Shattuck; owner, Cameo Stores; contractor, Modern Neon Co; 1 sign.

632 2154 San Pablo; owner, ...; contractor, Thompson Electric; 1 outlet; 1 switch; circuit.

633 2144 McKinley; owner and contractor, Hugo Schmitz; 11 outlets; 13 switches; 15 plugs; 4 circuits.

634 3020 College; owner, G S McDowell; contractor, Gardner Electric; new service.

635 556 Vincente; owner and contractor, A R Mueller; range.

636 1020 Carlton; owner, C Allison; contractor, Moore Electric; 13 fixtures.

637 1038 Bancroft; owner, H Karippila; contractor, Moore Electric; 9 fixtures.

638 2946 Shasta Rd; owner, Burgess S Poole; contractor, Johnston Electric; 18 outlets; 14 switches; 19 plugs; 4 circuits.

639 1614 Parker; owner, Victory Builders; contractor, Johnston Electric; 10 outlets; 10 switches; 13 plugs; 3 circuits.

640 2728 Mabel; owner, ...; contractor, Clifford Electric; 4 outlets; 5 switches; 4 fixtures; 5 plugs 1 circuit.

641 1424 Ward; owner, L Lasartemay; contractor, Clifford Electric; 5 fixtures.

642 2428 College; owner, H T Wright; contractor, Rochester Electric; 33 outlets; 22 switches; 41 plugs; 10 circuits.

643 1467 Shattuck; owner, H E McCurdy; contractor, Rochester Electric; new service.

644 2185 Shattuck; owner, Wallace & Wallace; contractor, Rochester Electric; 26 fixtures.

645 1181 Grizzly Peak; owner, ...; contractor, Rochester Electric; range.

646 777 Grizzly Peak; owner, ...; contractor, Rochester Electric; range.

647 136 Alvarado St; owner, Max Thelan; contractor, Rochester Electric; 3 outlets; 2 switches; 3 fixtures; 2 plugs.

648 2525 Durant; owner, ...; contractor, Rochester Electric; new service.

Non-Responsibility

SAN FRANCISCO

Feb 21, 1946—NE ELLIS and Steiner Sts E 32-6 x N 87-6. Annie V Krueckel as to improvements on property.

Feb 18, 1946—S MARKET & Spear Sts SW 45-10 x SE 137-6. Anglo California National Bank of San Francisco as to improvements on property.

Release of Liens

ALAMEDA COUNTY

Recorded Amount

Feb. 20, 1946—Ptn Blocks 46 and 47, Map Town of San Leandro, Calif. Melrose Building Materials Co to Dan B Bodily, Bodily Mfg Co, and Anita L Bodily..........$316.17

Liens Filed

ALAMEDA COUNTY

Recorded Amount

Feb 21, 1946—LOT 7 Tr 566. D W Nicholson Corp vs S H and Edna M Mulholland $1,541.45

Prospective Bidders

Outdoor Gunnery Range, NAAS, Crows Landing

BIDS: Public Works Department, 12th Naval District, 1182 Market St., San Francisco, Room 402, February 26, 11 A. M.

Erbentraut & Summers, 446 Sixth St., San Francisco.

Underground Constr. Co., 807 75th Ave., Oakland.

Chas. E. Wait, 666 Mission St., San Francisco.

Patrick N. Sofarelli, Anitah, Hayward.

Johnson, Drake and Piper, 1736 Franklin St., Oakland.

Henry Arian, 4142 Geary Blvd., San Francisco.

J. Henry Harris, 2657 Ninth St., Berkeley.

Resurface County Road, California Point, Marin Co.

BIDS: U. S. Engineer Office, 74 New Montgomery St., San Francisco, February 26, 2 P. M.

J. Henry Harris, 2657 Ninth St., Berkeley.

Lee J. Immel, Box 65, Station A, Berkeley.

Piombo Bros. & Co., 1571 Turk St., San Francisco.

Escalator and Elevator Additions, Lincoln Bldg., 867 Market St., S. F.

BIDS: Hale Bros., 867 Market St., San Francisco, March 5, 3 P. M. Plans prepared by Architect William G. Merchant, 57 Post St., San Francisco.

H. H. Larsen Co., 64 South Park, San Francisco.

McDonald, Young & Nelson, 127 Montgomery St., San Francisco.

Dinwiddie Construction Co., Inc., 210 Crocker Bldg., San Francisco.

Shop Bldg. No. 411, Shipfitters' and Boilermakers' Shop, S. F. Naval Shipyard

BIDS: Public Works Officer, Room 2110 Administration Bldg., San Francisco; Spec. 17099; March 4, 11 A. M.

James I. Barnes Construction Co., 941 Russ Bldg., San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco.

A. Farnell Blair, 9 Main St., San Francisco.

Clinton Construction Co., 923 Folsom St., San Francisco.

Erbentraut & Summers, 446 Sixth St., San Francisco.

Peter Kiewit Sons' Co., 442 Post St., San Francisco.

M. & K. Corp., 200 Financial Center Bldg., San Francisco.

Parker, Steffens & Pearce, 135 So. Park, San Francisco.

Guy F. Atkinson Co., Orange and Railroad Aves., South San Francisco.

Store Building, Berkeley

BIDS: University YMCA, Berkeley, c/o Architects Miller & Warnecke, Financial Center Bldg., Oakland, February 26, 2 P. M.

Erbentraut & Summers, 446 Sixth St., San Francisco.

Parker, Steffens and Pearce, 135 South Park, San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco.

Stolte, Inc., 8451 San Leandro St., Oakland.

Ed Stahl.

John M. Bartlett, 1706 Parker St., Berkeley.

Anderson & Hagland, Inc., 219 41st St., Oakland (OLympic 9103).

Store Building, Broderick Street, Oakland, Calif.

BIDS: Architects Miller & Warnecke, Financial Center Bldg., Oakland, February 26, 2 P. M.

Erbentraut & Summers, 446 Sixth St., San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco.

Parker, Steffens and Pearce, 135 South Park, San Francisco.

Stolte, Inc., 8451 San Leandro St., Oakland.

John M. Bartlett, 1706 Parker St., Berkeley.

Empire Constr. Co., Ltd., 344 Harriet St., San Francisco.

Ed Stahl.

Anderson & Hagland, Inc., 219 41st St., Oakland (OLympic 9103).

Richland Elementary School, Shafter, Kern County, Calif.

BIDS: Richland Elementary School District, Shafter, Feb. 27, 7:30 P. M. Plans prepared by Architect Ernest J. Kump Co., 251 Kearny St., San Francisco.

L. H. Hansen & Sons, 813 Palm Ave., Fresno.

A. J. Hendricks, Route 3, Box 205, Bakersfield.

Guy E. Hall, 1326 30th St., Bakersfield.

M. J. King, Inc., 231 Franklin St., San Francisco.

Jas. I. Barnes Constr. Co., 941 Russ Bldg., San Francisco.

Rademana-Giusto, 40 Ringold St., San Francisco.

Fast & Van Natta, 10522 Dalerose Ave., Inglewood, Calif.

Track and Telephone Line Relocation, Idaho Northern Branch, Oregon Short Line Railroad

BIDS: Bureau of Reclamation, Boise, Idaho, February 28, 10 A M.

Nat McDougall Co., Sherlock Bldg., Portland.

Max J. Kuney Co., N 120 Ralph, Spokane.

Vernon Brothers, 8th and Orchard Avenue.

M. K. Engineering Co., Inc., Albany, N. Y.

Wixon-Crowe, Redding, Calif.

Condon - Cunningham Co., Omaha, Nebraska.

Laurel School Building, San Mateo, Calif.

BIDS: San Mateo Elementary School District, Superintendent of School, 120 N. Ellsworth St., San Mateo, February 28, 8 P. M. Plans prepared by Architect Ernest J. Kump Co., 251 eKarny St., San Francisco.

C. F. Parker, 1644 Monterey Blvd., San Francisco.

Erbentraut & Summers, 446 6th St., San Francisco.

B. & R. construction Co., 268 Market St., San Francisco.

Engineering Design Co., 20 2nd St., San Francisco.

Engineering Section

Machinery & Material

42— MISC. SUPPLIES AND MATERIALS

2/25/46 • 42
BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until March 6, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Spec. 1716 for furnishing 120 feet of 42-inch steel pipe.

Specifications obtainable from the above office.

2/25/46 • 42
BIDS WANTED

SACRAMENTO, Calif.—Until Mar. 4 bids will be received by the State Purchasing Agent, Sacramento, for materials and equipment as follows:

QUO. 37759, REQ. 16653:

One power broom mounted on pneumatic-tired 4-wheel trailer and driven by a 4-cylinder gas engine, not less than 15 h.p., Hough Universal or equal; one extra broom for above sweeper, f.o.b. North Hollywood.

QUO. 37760, REQ. 3933:

One pneumatic-tired tractor-operated highway mowing machine, f.o.b. Redding via freight.

QUO. 37762, REQ. 16652:

One 10-ft materia spreader, mounted on pneumatic tires, Buckeye or similar; one 12-ft. material spreader mounted on pneumatic tires, Buckeye or similar; f.o.b. North Hollywood via freight.

QUO. 37761, REQ. 16651:

One engine-driven pickup street sweeping machine equipped with gutter brom and pneumatic tires; one extra pickup broom core for above; f.o.b. North Hollywood.

2/25/46 • 42
BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until March 6, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Spec. 1717 for furnishing 100 each 16-inch dresser couplings.

Specifications obtainable from the above office.

2/25/46 42
AWARD RESCINDED

OAKLAND, Alameda Co., Calif.—East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, has rescinded award of contract previously given Richmond Sanitary Co., 9th and Alice Sts., at $16,092.25, 1% discount, for furnishing seamless hard-drawn red brass tubes.

43— MACHINERY AND EQUIPMENT

2/25/46 43
CONTRACT AWARDED

COLUMBIA BASIN PROJECT, Washington—McKiernan-Terry Corp., Harrison, N. J., at $378,945.80 f.o.b. Harrison, awarded contract by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1124 for furnishing and delivering nine hydraulic hoists for the penstock coaster gates and one set of erection equipment for installation at Grand Coulee Dam, Columbia Basin Project, Washington, f.o.b. shipping point and/or cars at Odair, Wash.

2/25/46 • • 43
BIDS OPENED

OAKLAND, Alameda Co., Calif —Following submitted bids to the East Bay Municipal Utility Dist., Daniel Read, Secretary, 512 16th St., Oakland, under Pro. 1711 for gate valves:

Chapman Valve Mfg. Co., (1) $1738; (2) $1610.50; (3) $1872.40; (4) $1182.95 total, $15,631.45.

Moran Plbg. Supply Co., (1) $980; (2) $925; (3) $1655; (4) $1019; total, $12,252.

Rensselaer Valve Co., (1) $2031.50; (2) $1647.55; (3) $1647.75; (4) $1191.35; total, $15,140.85.

2/25/46 • • 43
BIDS OPENED

OAKLAND, Alameda Co., Calif.—Following submitted bids to the East Bay Municipal Utility Dist., Daniel Read, Secretary, 512 16th St., Oakland, under Pro. 1709 for one oil circuit breaker:

Westinghouse Elec. Co., $2931.

Allis-Chalmers Co., $2931.

General Electric Corp., $4405.

2/25/46 • 43
BIDS WANTED

MENDOCINO COUNTY, Calif.—Until March 4, 2 P. M., bids will be received by the State Division of Highways, G. F. Hellesoe, Acting District Engineer, 546 W. Wabash Ave., Eureka, for rental of one self-propelled Athey Force Feerd Loader for 200 hours' work in Mendocino County.

Specifications obtainable from the above office.

2/25/46 • 43
CONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—Bill Wood Motors, 3001 E. 14th St., Oakland, at $1984 each on 2-door and $1133 each on 4-door, submitted only bid and awarded contract by the East Bay Municipal Utility District, 512 16th St., Oakland, under Pro. 1713 for furnishing six new latest model 8-cylinder Ford or 6-cylinder Chevrolet sedans.

2/25/46 • 43
BIDS OPENED

SACRAMENTO, Calif.—The following submitted bids to the State Purchasing Agent, Sacramento, under Quo. 35735, Req. 4785, for equipment as follows:

Edward R. Bacon Co., Littleford Model 106, $957.35; extra broom, $164.90 net; delivery 45 to 50 days.

Buran Equipment Co., Hough Tu-way, $890; extra broom, $80; 2-day delivery; discount 2 per cent 30 days.

Spears-Wells Machinery, $840; extra broom, $136.50; 30 days delivery; net.

Coast Equipment Co., Grace 2-way, 2-speed, $740; extra broom, $80; 15 days; net.

2/25/46 • 43
BIDS OPENED

OAKLAND, Alameda Co., Calif.—The following submitted bids to the East Bay Municipal Utility District, 512 16th St. Oakland, under Pro. 1706 for furnishing three 500-kva. outdoor transformers:

Allis-Chalmers Co., $1541.15; total, $4623.45.

Gardner Electric Co., $1575; total, $4725.

General Electric Co., $1583.08; total, $4749.24.

Kuhlman Electric Co., $1698.69; total, $5096.70.

Moloney Electric Co., $1538.92; total, $4616.76.

Wagner Electric, total, $1579.26.

Westinghouse Electric, $1749.64; total, $5248.92.

2/25/46 • 43
LOW BIDDERS

CENTRAL VALLEY PROJECT, California.—The following submitted low bids to the chief engineer, Bureau of Reclamation, Denver, Colo., under Spec. No. 1150 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Coram, Calif., at the option of the bidder, three motor-operated valve-drive mechanisms and accessories for operating three 57-inch butterfly valves now installed in the spillway section of the Shasta Dam, Kennett Division, Central Valley Project, California:

Pacific Coast Engineering Co., Alameda, $8400, f.o.b. Alameda; net.

Joshua Hendy Iron Works, San Francisco, $8957, f.o.b. Sunnyvale; net

Monarch Forge & Machine Works, Portland, Ore., $8435, fo.b. Portland; ½% 30 days.

Fire Underwriters

(Continued from Page One)

levels.

"Few classes of fire insurance within the confines of a single state present sufficient volume and sucffiient spread of risk to accomplish one of the main purposes for which the new classification system is intended, i.e., to provide one of several factors which must be considered in attempting to foretell the future from a fire insurance less ratio standpoint. Consequently the new classification system, it is hoped, may be fully employed the country over to the end that, particularly in the case of the narrower classes, nationwide experience may be available."

The plan divides premises primarily into four large overall classes: by perils; by kind of occupancy, in which there are 100 classes; by fire protection, i.e., protected or unprotected; and construction, i.e., fire resistive, brick, or frame.

In the overall occupancy classification which includes all kinds of premises, are five classes of habitational risks; four mercantile; 20 non-manufacturing; 65 manufacturing; and five sprinklered classes. The classes under manufacturing risks are patterned after the divisions in the United States Department of Commerce Index of Business and Industry.

—#—

New Construction

(Continued from Page One)

ber to $17,000,000 in January. Highway construction amounting to $25,000,000 in January reflected seasonal influences in a 14 per cent drop from the previous month. There were small increases in January in hospital, institutional, educational, and sewer and water construction, and in expenditures for conservation and development projects.

A detailed breakdown of new construction activity in January 1946, with comparable figures for December 1945 and January 1945, is attached.

NEW CONSTRUCTION ACTIVITY, CONTINENTAL UNITED STATES
(Joint estimates of the Department of Commerce and the Dept. of Labor)

Type of Construction	Jan. 1946	Dec. 1945	Jan 1945
	(Millions	of	$'s)
Total new construction	503	474	277
Total private	394	363	113
Resident'l (non-farm)	138	134	25
Nonresidential	200	173	47
Industrial	111	99	32
Warehouses, office and loft bldgs.........	13	11	3
Stores, restaurants and garages	46	37	4
Other nonresidential	30	26	8
Farm	8	6	6
Public utility	48	50	35
Railroad	20	22	15
Telephone, telegraph	10	10	8
Other public utility..	18	18	12
Total public	109	111	164
Residential	1	1	7
Nonresidential	31	31	81
Industrial	8	9	70
Educational	10	9	3
Hospital and institutional	10	9	5
Other nonresidential	3	4	3
Military and naval....	17	19	43
Highway	25	29	15
Sewer and water........	12	10	6
Misc. public service enterprises	4	4	3
Conservation and development	18	16	9
All other Federal......	1	1	....

Classified Advertising

POSITION WANTED

DRAFTSMAN, SENIOR, would like part-time work or partner for ready cut and built specialties. E. Carroll, 526 South 11th St., San Jose. Phone BALLARD 8052-W.
2/21-25-26/46

ESTIMATOR, HIGH CLASS, trained for all types of estimating. Hold B-1 License Desirous of making connections with well-established firm. BEST local references. Reply Box 218, c/o Daily Pacific Builder.
2/18-19-20-21-22/46

ESTIMATOR with Building exp. or Engineering training. State previous exp. and education. Good future for ambitious young man. Reply Box 130 c/o Daily Pacific Builder.
(tf)

BLDG. CONSTR. SUPT., good future. State experience and references. Reply Box 16, c/o Daily Pacific Builder.
tf

HELP WANTED

JR. ARCHITECTURAL DRAFTSMAN, 2 to 3 yrs. exp. Phone HE. 5904, Painting Division, for appointment. American Building Maintenance Co., 16th and Vermont Sts., S. F.
to Mar. 1, '46

QUANTITY SURVEY MAN for General Bldg. Construction. Must have initiative and good background. Permanent position. Salary open. A. Farnell Blair Co., Inc., 9 Main St., San Francisco. Phone YU. 0390.
2/21-25-26-27-28/46

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LARGEST CONSTRUCTION DAILY IN THE WEST

Complete
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Fifty-sixth Year—Vol. 56—No. 39 SAN FRANCISCO, TUESDAY, FEBRUARY 26, 1946 PRICE 15 CENTS PER COPY

PLANS and Speculations

Davis: G. Partridge, engineer and technical adviser for the Federal Public Housing Authority, has completed an inspection of the Cecil J. Pedroia property and has announced it satisfactory as a site for a local housing project. He said the houses probably will be one-story dormitories converted into four family units.

oOo

Dixon: The Chamber of Commerce, after having completed four months of study and survey of the need of a hospital in Dixon, is on record as favoring a bond issue to build a district hospital.

oOo

Colusa: The City of Colusa will match a $20,000 appropriation to be received under the $90,000,000 city-county bill, spending some $40,000 on her streets, improvement of drainage and sewer facilities. Mayor A. B. Davison said in all probability Colusa will be ready to start her street and drainage improvement program in 90 days.

oOo

San Leandro: State approval to a request for $683 to aid the city in financing plans and "specs" for the Davis Street sewer line has been granted. Plans are being prepared by City Engineer C. P. Martin.

oOo

Gridley: The City of Gridley will use her share of the $90,000,000 state appropriation to cities and counties for financing a sewer project estimated to cost $65,000. The city's share of the state fund has been estimated at $20,955.

—#—

San Mateo County: Voters of San Mateo County will be asked, in all probability, to vote on a $2,000,000 bond issue for proposed enlargement of the county courthouse and other postwar projects. Exactly how much the bond issue will be, provided the supervisors vote to place the matter on the ballot, will be determined after it is learned how much money can be seucred from state funds.

oOo

Willows: Campaign for the construction of a municipal swimming pool and a Youth Center building for the city of Willows swung into high gear this week when estimates of the actual costs of the project were placed before the Coordinating Council by the Committeemen who have been studying the program for the past weeks. The pool will cost approximately $20,000 and the Youth Center building $15,000.

Producers' Council Sees Housing Program Success If Properly Administered

President Truman's new wage-price policy should speed up home building greatly if the policy is administered in accordance with the President's stated recommendations, Douglas Whitlock, chairman of the Advisory Board of the Producers' Council, national organization of building product manufacturers, stated today.

"Inability to obtain prompt readjustment of OPA price ceilings which are retarding the production of building materials and equipment has been the greatest deterrent to the construction of homes for veterans," Whitlock said.

"This bottleneck now can be broken promptly under the new national price policy. The government also will need to take other steps if all-out home building is to be achieved, but adjustment of building product prices is a vital first step.

"The shift from a war-time hold-the-line policy is a constructive policy of stimulating production is welcome news to those who have been trying to eliminate the veterans' housing shortage.

"President Truman said in his wage-price statement that 'production is our salvation'. Greater production of building materials will be the salvation of the home building program. Meeting Wyatt's goal of 2,700,000 new homes is a tremendous task, and getting maximum production of building materials is the backbone of the effort.

"Each week of delay in putting the new policy of emphasizing production into effect will take thousands of home from the potential supply. Prompt action is imperative."

#

Visalia: Consideration of approximately 25 acres of land bordered by Watson, Tulare and Conyer Avenues west of the Jefferson school as a site for a new courthouse was given last week by the county board of supervisors when the subject of a new courthouse was revived for discussion.

oOo

Dr. Leonard Loeb To Address ASME Meeting Feb. 28th

"Nuclear Structure and Atomic Energy", will be the subject of an illustrated lecture by Dr. Leanard Loeb,. Professor of Physics, University of California, before the regular February dinner meeting of the American Society of Mechanical Engineers at the Engineers' Club, 206 Sansome Street.

Dr. Loeb is the author of numerous books in the field of Physics, among which are the "Kinetic Theory of Gases", "Fundamentals of Electricity and Magnetism", and "Atomic Structure."

Members are requested to make their reservations for the February 28th meeting immediately. Dinner will be served promptly at 6:30 P. M., the meeting to take place at 8:00 P. M.

BAYWOOD HIGHLANDS PLANS BEING COMPLETED

Plans and specifications are being completed for roads, sewers and water system for Baywood Highlands. This work will be contracted by the town of Hillsborough at an estimated cost of $102,000 under the Improvement Act of 1911. Chas. T. Broughton is the engineer.

Baywood Highlands is a new subdivision of 10 acres in San Mateo and 55 acres in Hillsborough. Maps and restrictions were recorded during January and sites will be offered for sale to the public upon completion of improvements.

Frank Ashby, co-owner of the National Steel Fabricators, 70 Chesley St., San Francisco, is the owner.

Portability Feature Of Two-Stage Dust Collector

Exceptional portability for a completely self-contained dust collector, which requires no installation other than the mere placing of the unit in position on the bench and plugging into the lighting circuit, is a feature of the newest addition to its line of industrial dust collectors by Aget-Detroit Co., 602 First National Bldg., Ann Arbor, Michigan.

In addition to the customary motor-driven fan, cyclone separator and filter, this model (designated Model 421) incorporates a grinding wheel hood which is built as an integral part of the unit.

Though designed primarily for bench-type dry grinding of a precision nature, the dust collector has, due to its design, a wider range of uses. Buffing, polishing, and similar work which produces great amounts of long string material, lint, bristles, etc., can be easily handled, it is claimed, because the unit is equipped with a self-clearing paddle wheel fan. A removable pan in the grinding wheel hood allows sludge from wet grinding operations to be emptied separately, thus keeping it out of the collector. A baffle plate in the hood prevents small work from being drawn by the air suction into the fan and at the same time spreads the effective area of the suction.

Where the Model 421 Dustkop is to be moved about, it is available with 110 volt motor so that the electrical connection is made merely by plugging into the lighting circuit. However, the unit is available for operation on other voltages when required and where the installation is to be of a permanent nature.

Two stages of air cleaning are incorporated in the Model 421: the first stage, claimed to remove all of the heavier dust and dirt as well as lint, bristles, etc., is by means of the cyclone separator. The second stage is the fire-safe spun glass filter which gives the air a final cleaning to remove the finer particles of dust before the air is returned to the room.

Reclaiming precious metal dust is simply a matter of removing the collected dust from the unit and by smelting the finer particles out of the spun glass filter material. Filter material is easily replaceable, and is available at low cost, it is said. Maintenance is chiefly a matter of turning the hand crank which shakes the finer particles out of the filter material when the latter loads up after extensive use.

Home Insulation Booklet Available To Industry

"Insulation and Your Home", an informative handbook on an interesting subject, published by the National Mineral Wool Association, 1270 Sixth Ave., New York 20, N. Y., is now off the press.

This booklet is designed to give both the home-owner and members of the building trades a practical understanding of mineral wool insulation, its uses, its forms, its methods of installation, its heat and fire-resistant properties, its endurance, its advantages, and other points of importance.

As a handbook, it provides yardsticks developed by noted consulting engineers to determine relative comfort and economy rating, and savings in fuel costs achieved by various thicknesses of insulation. It describes the characteristics and features of mineral wool, and where and how to use it for insulation, whether in batt, wool, or granulated form.

Through illustrated charts prepared by experts, the booklet shows how home insulation gives you winter comfort and economy, and also at no extra cost, an additional and valuable dividend in relief from summer discomforts.

"Insulation and Your Home" is available without charge to engineers, architects, draftsmen, builders and contractors, who request it on their business letterheads addressed to the New York office of the National Mineral Wool Association. The public may secure the booklet by sending 25 cents to the Association.

#

A. H. Poole To Address Cost Accountants

A. H. Poole, vice president, treasurer, and a director of American President Lines, will address the San Francisco Chapter, National Association of Cost Accountants, at its current dinner and technical session at the Engineers' Club this evening.

His subject, "Steamship Accounting", will be something new to the cost accountants, who ordinarily follow manufacturing fields.

Poole was an executive of the Pathe Film Corporation and practiced seven years as a C.P.A. before his association with American President Lines. He has also been a consulting professor at Stanford University Graduate School of Business since 1939.

GROOVER AND I

THE IVORY TOWER

Emerson is generally credited with the line: "If a man write a better book, preach a better sermon or build a better mousetrap than his neighbor, the world will make a beaten path to his door".

★ ★ ★

As it seems to work out, as soon as a man becomes the world's best mousetrap builder, he then wants to stop building traps and write a newspaper column. This racket is becoming crowded with "name" writers from the "carriage trade".

★ ★ ★

I don't know what Columnist Roosevelt is paid for her daily jottings. Last figure I saw quoted was $16,000 per year. That was in 1939.

★ ★ ★

The newest addition to the Fourth Estate is Ol' Man Spontaneous Combustion: Harold L. Ickes. Ickes now proposes to write a newspaper column. He hasn't had to worry about paying the rent since he married his first wife, a wealthy divorcee.

★ ★ ★

But how did a man who prides himself on being a perpetual motion grouch manage to snare to the altar so young, gracious and charming a woman as the present Mrs. Ickes?

★ ★ ★

Perhaps the high point in "name" writers came with the recent appearance of tobacco heiress Doris Duke as a columnist. I don't suppose Doris could guess within eleven million dollars the present size of her fortune. However, it would mean merely the flip of her purse to buy the St. Francis Hotel as a way-station between her home in Hawaii and her tobacco plantations in the Carolinas.

★ ★ ★

There is a pay-off. Even though her financially impressive name heads her column, someone among the sweating elves receives needed wages for "ghosting" her copy.

New Bid Call Indicates Bureau Speed-Up Program

The speed-up of the U. S. Bureau of Reclamation's postwar program for construction of the Central Valley Project is again indicated in the calling for bids on a further 8.5-mile section of the Friant-Kern Canal, less than one month since the Government agency advertised for bids on a 15-mile section of the important waterway.

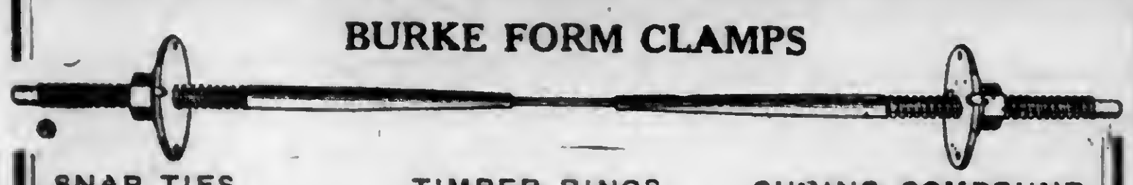
The newly-announced contract will carry the Friant-Kern Canal to the Kings River, a total distance of 30 miles from Friant Dam. Sealed bids are to be submitted to the Friant office of the Reclamation Bureau, and will be publicly opened at 10 A. M. on March 5.

Additional bids to be advertised this spring will carry the canal to the Kaweah River, more than 70 miles from its source near Fresno.

Although a completed canal is a gracefully simple ribbon of concrete and water, the actual complexity of canal construction is indicated in the specifications announced by the Reclamation Bureau for the new 8.5-mile section of Friant-Kern waterway. Among the "principal items of work" included in the advertisement are excavation, compacting embankments, preparing and trimming earth and rock foundations for concrete lining, dry-rock pacing, placing of rubber water-stops, erecting of timbers, installing of metal-work, constructing 24 cattle guards and 18 miles of wire right-of-way fence, laying of iron and steel pipe, installation of 145 orchard outlets and stand pipes, constructing underdrains and feeder drains, and, of course, the placement of reinforcement bars and concrete lining.

The Government is to furnish construction materials. Copies of standard forms and specifications may be obtained from the Reclamation Bureau offices at Sacramento, Friant, Denver, and Washington.

SUMMERBELL ROOF STRUCTURES
1746 Thirteenth St., Oakland, Calif
From San Francisco ENterprise 10930
From other exchanges TWinoaks 3622



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Even though the manufacture of WINDOW SHADE CLOTH has been greatly curtailed, WE DO have on hand at this time a supply to take care of your needs for WINDOW SHADES.
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1112 Polk St., San Francisco 9 Phone GRaystone 5068

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Fabricating Works: South San Francisco, Alameda, Los Angeles
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AND
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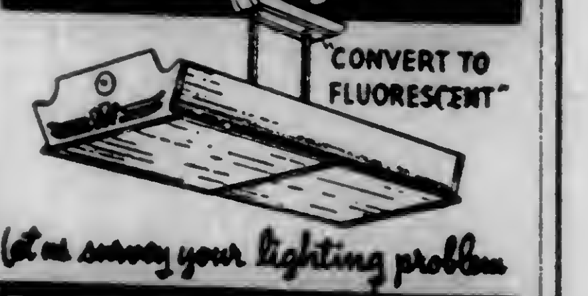

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ADVANCE CONSTRUCTION REPORTS

DAILY PACIFIC BUILDER
(Established 1890)
Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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1-8—COMMERCIAL BLDGS.

2/26/46 • 4
BIDS WANTED
LAS VEGAS, Nev.—Until March 5, 5 P. M., bids will be received by the Board of Education of Las Vegas Union School District, Las Vegas, Nev., or may be submitted at Basic High School in Henderson for remodeling the former BMI personnel building. Plans and specifications may be obtained at the office of Miller, Haynes, Smith, Inc., 26 Magnesium St., Henderson.

2/26/46 • 4
COMPLETING WORKING DRAWINGS
DENTAL OFFICE BUILDING
Cost, $180,000
OAKLAND, Alameda County, Calif.
Construction of part one- and two-story wood frame dental office building; wood sash, hot water heating system, linoleum floors, etc.
Owner—Withheld.
Architect—J. Clarence Felciano, 4010 Montecito Ave., Santa Rosa.

2/26/46 • • 3
CONTRACT AWARDED
WAREHOUSE Est. Cost, $8,000
SAN JOSE, Santa Clara Co., Calif. Stockton Ave. near Emory Street.
Construction of warehouse (50x100) wood trusses, corrugated iron siding, cement plaster exterior, steel and overhead doors.
Owner—Frank Volta, c/o architect.
Architect—Donnell E. Jaekle, Builders' Exchange Bldg., 201 S. Market St., San Jose.
Contractor—Lew Jones Constr .Co., 965 Terra Bella Ave., San Jose.

2/26/46 • 8
WORK UNDER WAY
ALTER BUILDING
FRESNO, Fresno County, Calif. Fulton Street.
Alter building (adjoining owner's present location) to include ladies' dress store.
Owner—Cahn's, 1328 Fulton Street, Fresno.
Architects—Mendelsohn, Dinwiddie & Hill, 233 Sansome St., San Francisco.
Contractor—Trewhitt, Shields & Fisher, 1501 Pacific Southwest Bldg., Fresno.

2/26/46 • 6
LOW BIDDER
PALO ALTO, Santa Clara Co., Calif. 469-479 University Ave.
Construction of one-story reinforced concrete store building (100x100x20 ft.) to contain five stores.
Owner—Withheld.
Architect—Leslie I. Nichols, 156 University Ave., Palo Alto.
Low-Bidder—Nichols White, Inc., 156 University Ave., Palo Alto.

2/26/46 8
CONTRACT AWARDED
STORE BUILDING
MILLBRAE, San Mateo Co., Calif. El Camino Real.
Construction of two-story store building.
Owner—Peninsula Furniture Co.
Architect—Oscar R. Thayer, 1257 Cabrillo Ave., Burlingame.
Contractor—Julian Basin Construction Co., San Francisco.
Furnish and Erect Structural Steel—Mortenson Construction Co., 19th and Indiana Sts., San Francisco.

2/26/46 3
SUB-CONTRACTS AWARDED
STOCKTON, San Joaquin Co., Calif. —S. C. Giles & Co., 121 W. Knoles Way, Stockton, awarded the following sub-contracts for the construction of a community building and warehouse at Stockton (Calif. 4756 and 4065), for the Federal Public Housing Authority, Phelan Bldg, San Francisco, at a cost of $32,936:
Roofing—County Roof Service, 330 Market St., San Francisco.
Plumbing, Heating and Sheet Metal—A. D. Ray, Stockton.
Electric Wiring—Collins Electrical Co., 729 E. Miner Ave., Stockton.
Hardwood Floor—McLean Hardwood Floors, 324 E. Channel St., Stockton.
Mill Work—Union Planing Mill, Inc., 735 S. Sutter St., Stockton.
Hardware—Raemsch Hardware Co., Stockton.
Painting—F. T. Brooks, 3615 Bonnie Lane, Stockton.

2/26/46 • 8
WORK STARTED
ALTER BUILDING Cost, $15,000
SAN JOSE, Santa Clara Co., Calif. Post and S. Market Sts.
Alterations to restaurant, cigar store and billard parlor.
Owner—Frank Boitano, Post and S. Market Sts.
Architect—Donnell E. Jaekle, Builders' Exchange Bldg., San Jose.
Contractor—Albert Bolei, 154 Vine St., San Jose.

2/26/46 • 8
WORK STARTED
ALTER MARKET Cost, $10,000
SAN JOSE, Santa Clara Co., Calif. St. James and N. Market Sts.
Alterations to market involving new liquor department, restaurant and rearrangement of meat and other departments.
Owner—Frank Aiassa, St. James and N. Market Sts.
Architect—Donnell E. Jaekle, Builders' Exchange Bldg., San Jose.
Contractor—Gene Achille, 911 Riverside Dr., San Jose.

2/26/46 • • 8
CONTRACT AWARDED
RECONSTRUCT BLDG.
Reconstruction of front of retail liquor store, bar and back bar, toilets, office; asphalt tile floor, new plaster vaulted ceiling, indirect lighting, ventilating system, neon lighting, metal marquee.
Owner—Withheld.
Architect—Oscar R. Thayer, 1257 Cabrillo Ave., Burlingame.
Contractor—George T. Robinson, 43 Milan Terrace.
Bar fixtures and interior furnishing contract to be awarded shortly, all work for cafe in rear of bar to be a separate contract.

2/26/46 • • 8
CONTRACTS AWARDED
REMODEL COFFEE SHOP
Est. Cost, $43,000
BURLINGAME, San Mateo Co., Cal. Broadway.
Reconstruction of coffee shop, cocktail bar and lounge.
Owner—Withheld.
Architect—Oscar R. Thayer, 1257 Cabrillo Ave., Burlingame.
Carpentry and Mill Work—Geo. Cole, 1300 Edgehill Drive, Burlingame.
Steel Work—Mortenson Constr. Co., 19th and Indiana Sts., San Francisco.
Interior Decorations—United Studios, 4139 MacArthur Blvd., Oakland.

9-10—EDUCATIONAL BUILDINGS

2/26/46 • 9
PROSPECTIVE BIDDERS
SCHOOL BUILDINGS
EL CERRITO and RICHMOND, Contra Costa County, Calif. Castro School, located on northwest corner Donal Ave. and Lawrence St. in El Cerrito, and the Alvarado School, located at northwest corner of Placer and Sutter Sts. in Rchmond.
Construction of two school buildings to be bid upon in one lump sum bid. The buildings to be of concrete, frame and stucco construction, each to contain eight classrooms, kindergarten and general utility rooms, also a basement under a portion of one end of building.
Owner—Richmond Union School District, Walter F. Helms, superintendent of schools, Administration Bldg., 1108 Bissell St., Richmond.
Architects—Dragon & Schmidts, 2068 Allston Way, Berkeley.

As previously reported, bids will be received March 6, 8 P. M., in the Administration Bldg.

Plans and specifications may be obtained from the architect's office upon deposit of $20.

The following contractors have taken out plans:

James I. Barnes Construction Co., 941 Russ Bldg., San Francisco.

Moore & Roberts, 693 Mission St., San Francisco.

Elmer J. Freethy, 1432 Kearney St., El Cerrito, Calif.

John M. Bartlett, 1706 Parker St., Berkeley, Calif.

A. Farnell Blair Co., Inc., 9 Main St., San Francisco.

Parker, Steffens & Pearce, 135 South Park, San Francisco.

M. J. King, Inc., 231 Franklin St., San Francisco.

11—HOSPITALS

2/26/46 • 11
PLANS ON FILE
SAN LEANDRO, Alameda Co., Cal. —As previously reported, until March 8, 11 A. M., bids will be received by the Public Works Department, 12th Naval District, 1182 Market St., San Francisco, Room 402, for installing tube radiation in existing covered passage and solaria with the necessary additions to the existing heating system, pipes, traps, valves, connections to existing heating and return mains and incidental work complete and ready for use at the U. S. Naval Hospital, San Leandro; Spec. 17460, NOy 13296.

Plans and specifications obtainable from the Public Works Department, Design Section, 8th floor, Whitcomb Hotel, San Francisco, upon deposit of check or postal money order for $10, payable to Chief of Bureau of Yards and Docks.

A set of plans and copy of specifications are now on file for examination at the office of DAILY PACIFIC BUILDER, 465 Tenth St, San Francisco.

2/26/46 • 11
BIDS OPENED
HOSPITAL
SALEM, Oregon.
Construction of hospital cottage farm consisting of three-story reinforced concrete and buff-colored brick building, 330 feet long with five wings (93x100 each); tile pitched roof.
Owner—Oregon State Board of Control, Roy Mills, secretary, State Capitol.
Architect—Sutton, Whitney & Aandahl, Lewis Bldg., Portland.
Low Bidder—Charles R. Schmiedeskamp, 1421 SW. Broadway, Portland, $511,930.
Other bids were:
W. C. Smith, Inc., Portland, $543,842.
Geo. Isackson Co., Portland, $557,000.
O. R. Wayman, Portland, $577,111.
Halvorson Construction Co., Salem, $588,478.
George H. Buckler, Portland, $645,538.

2/26/46 • 11
BIDS WANTED
LONG BEACH, Los Angeles Co., Calif.—Until March 7, 11 A. M., bids will be received by the U. S. Navy, Public Works Office, U. S. Naval Base, Terminal Island (San Pedro), for the construction of a one-story, reinforced concrete tumor clinic building at the U. S. Naval Hospital, Long Beach; Specification No. 17487, NOy 13326. The building will cover an area of 924 square feet on spread footings and work involves demolition work, concrete work, miscellaneous steel and iron, carpentry and millwork, lathing and plastering, glass and glazing, finish hardware, resilient flooring, roofing and sheet metal work, field paintign, plumbing and miscellaneous piping, heating and ventilatig, electrical work and X-ray protection.

Plans and specifications may be obtained from the above office upon deposit of check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks.

12-13—INDUSTRIAL BUILDINGS

2/26/46 • 12
BIDS WANTED
SAN FRANCISCO—Until March 18, 11 A. M., bids will be received by the Public Works Office, Room 2110 Administration Bldg., San Francisco N aval Shipyard, San Francisco, un-Naval Shipyard, San Francisco, unthe construction of a six-story concrete and steel shop building which shall be used for industrial shop purposes and which includes paving, track work, masonry, steel sash, corrugated wire glass, roofing, protected metal siding, metal doors, plastering, wood block flooring, terrazzo, floor coverings, elevators, escalator, monorails and crane, utilities and painting at the San Francisco Naval Shipyard, San Francisco.

Plans and specifications obtainable from the officer in charge of construction, Room 2110 Administration Bldg., San Francisco Naval Shipyard, San Francisco, upon deposit of check or postal money order for $130, payable to the Chief of the Bureau of Yards and Docks.

2/26/46 • 13
BIDS POSTPONED UNTIL TODAY, 2 P. M.
BOILER Cost, $20,000
SAN JOSE, Santa Clara Co., Calif.
Furnish and install one 500 h.p. high-pressure steam boiler.
Owner—U. S. Products Corp., Ltd., Race and Moorpark Ave., San Jose.
Engineer—G. M. Richards & Associates, 333 Kearny St., San Francisco.
Specifications obtainable from the office of the engineer.
Bid opening date postponed from February 23.

2/26/46 • 12
CORRECTION
ADDITION
SOLANO COUNTY, Calif. West of county hospital, the Fairfield Textile Works
Construction of new building (50x100 feet).
Owner—Wilbur & Son, 116 New Montgomery St., San Francisco.
The new building will serve as a workshop and not a storage house for inflammable materials.

2/26/46 • 12
CONTRACT AWARDED
LABORATORY BUILDING
Contract Price, $393,000
MOFFETT FIELD, Santa Clara Co., Calif. Ames Aeronautical Laboratory (2-story).
Construction of steel frame and concrete wall laboratory building to contain offices and maintenance shop for new supersonic wind tunnel.
Owner—National Advisory Committee for Aeronautics, Moffett Field.
Contractor—Erbentraut & Summers, 446 6th St., San Francisco.

2/26/46 •
CONTRACT AWARDED
FROZEN FOOD LOCKER
SAN ANSELMO, Marin Co., Calif. Greenfield Ave.
Construction of one-story concrete and steel frozen food locker building (40x80 ft.).
Owner—J. J. Ongara, c/o architect.
Architect — C. F. Gromme, Alberts Bldg., San Rafael.
Contractor—E. P. Merritt, 102 Rialto Bldg., San Francisco.

14-17—PUBLIC BLDGS.

2/26/46 • 16
BIDS WANTED
SAN FRANCISCO—Until March 13, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior painting at the U. S. Post Office and Courthouse, San Francisco.

Plans and specifications obtainable from the above office of the district engineer.

2/26/46 • 16
BID OPENED
DOWNEY, Los Angeles Co., Calif. —Automatic Burner Co.; 3454 W. 1st St., Los Angeles, at $124.90, submitted only bid February 20 to the Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for repairs to oil burner wiring, etc., at U. S. Post Office, Downey.

2/26/46 • 16
BID OPENED
SAN FRANCISCO.—San Francisco Elevator Co., 860 Folsom St., at $500, submitted only bid February 20 to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for repairing freight elevator at the Rincon Annex Post Office, San Francisco.

2/26/46 • 16
BIDS WANTED
SANTA CLARA, Calif.—Until Mar. 13, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting and glass tops for lobby desks, U. S. Post Office, Santa Clara.

Specifications obtainable from the above office of the district engineer or from the custodian of the building at Santa Clara.

2/26/46 • 16
BIDS WANTED
GARDENA, Los Angeles Co., Calif. —Until March 13, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior painting, painting flagpole and installing counter covering, U. S. Post Office, Gardena.

Specifications obtainable from the above office of the district engineer or from the custodian of the building at Gardena.

2/26/46 • 16
BIDS WANTED
HUNTINGTON BEACH, Orange Co., Calif.—Until March 13, 2 P. M., bids will be received by the office of the district engineer, Public Buildings Administration, Federal Works Agency, 838 U. S. Appraiser's Bldg., San Francisco, for exterior and interior painting and driveway repairs, U. S. Post Office, Huntington Beach.

Specifications obtainable from the above office of the district engineer or from the custodian of the building at Huntington Beach.

2/26/46 • 16
BIDS OPENED
REDONDO BEACH, Los Angeles Co., Calif.—Dan Sullivan, 517 12th St., Santa Monica, at $2580, submitted low bid February 21 to the Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting and miscellaneous repairs at the U. S. Post Office at Redondo Beach.
Other bidders were:
Risk-Sutton Co., $2765.
C. H. Williams, $2783.
Gayton Engineering Co., $2800.
Van Daele & Van Daele, $3024.
R. A. Newman, McMinnville, Ore., $3516.
Jobe & Cox, $4430.20.
Grohne, Inc., Decatur, Ill., $4579.

2/26/46 • 16
BIDS WANTED
ORANGE, Calif.—Until March 13, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for exterior painting, U. S. Post Office, Orange.

Specifications obtainable from the above office of the district engineer or from the custodian of the building at Orange.

2/26/46 • 15
PRELIMINARY PLANS COMPLETED
CIVIC CENTER $300,000
SAN BRUNO, San Mateo Co., Calif. Linden Blvd. and west side of El Camino Real.
Construction of two-story civic center of Spanish type architecture (538x515x171 ft.). The building will provide facilities for a city hall, a library, police headquarters, jail, and central fire station, county branch courthouse and ambulance station.
Owner—City of San Bruno, Edward McGuire, mayor, City Hall.
Architect — Richard M. Bates, 950 Baileyana Rd., Hillsborough.
Plans will be submitted tonight to the City Council for approval.

2/26/46 • 15
BIDS POSTPONED
SAN RAFAEL, Marin Co., Calif.—Until March 11, 10 A. M. (bid opening date postponed from February 25), bids will be received by the Marin County Board of Supervisors, George S. Jones, county clerk, Courthouse, San Rafael, for performing the following work:
(1) waterproofing of the Portico column bases, seams in slab and brick work under steps;
(2) reinfishing cell under west end of Portico;
(3) refinishing men's toilet under east end of Portico;
(4) adjustments to heating system and the installation of a ventilating system in identification office.
Specifications obtainable from the above office.

20-21—SOCIAL AND RECREATIONAL BLDGS.

2/26/46 • 20
PREPARING WORKING DRAWINGS
WAR MEMORIAL BUILDING
Approximate Cost, $60,000-$70,000
LOS GATOS, Santa Clara Co., Calif. Main St. opposite Church St.
Construction of frame community building and legion hall; concrete floor slab, wood roof trusses, stucco interior and exterior, tile roof, etc.
Owner—American Legion.
Architect—Henry David Kensit, Post Office Bldg., Los Gatos.

22-26—RESIDENTIAL BUILDINGS

2/26/46 • 25
PLANS COMPLETED
RESIDENCE Est. Cost, $9000
SAN JOSE, Santa Clara Co., Calif. Willow Glenn Section.
Construction of five-room residence, shingle roof, stucco interior walls, tile bath, kitchen, wood sash, hardwood floors, gas floor furnace.
Owner—R. B. Kientz, c/o architect.
Architect—Donnell E. Jaekle, 201 S. Market St., San Jose.
Bids will be asked shortly.

2/26/46 • 24
PREPARING WORKING DRAWINGS
RESIDENCE
NEAR LAFAYETTE, Contra Costa County, Calif.
Construction of one-story frame and stucco residence (9 rooms).
Owner—James Dinwiddie, c/o architects.
Architects—Mendelsohn, Dinwiddie & Hill, 233 Sansome St., San Francisco.

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Outdoor Gunnery Range Spec. 17507, NOy 13346	Crows Landing	2-26
Automobile and Appliance Bldg. Geary Blvd. and Blake Street	San Francisco	2-26
Veterans' Administration Hospital Project No. 2451	Grand Junction, Colo.	2-26
Tube Steam Radiation, Spec. No. 17460, NOy 13296	San Leandro	3- 8
Street Lighting, NOy 13343, Spec. 17504	Inyokern	3- 5

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Superstructure, Shop Bldg. No. 411. Shipfitters and Boilermakers Shop, San Francisco Naval Shipyard; Bids open March 4, 11:00 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
A. Farnell Blair, 9 Main St., San Francisco (YUkon 0390)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co. 923 Folsom St., San Francisco (SUtter 3440).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Outdoor Gunnery Range, NAAS, Crows Landing; Spec. 17507; Bids open February 26, 11 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
Patrick M. Sofarelli, 20337 Anita Ave., Hayward (Hayward 806).
Henry Arian, 4142 Geary Blvd., San Francisco (BAyview 5797)
Chas. E. Wait, 666 Mission Street, San Francisco (SUtter 6700).

Krieger Automotive and Sales Bldg., Geary and Blake, San Francisco; Bids open February 26, 3 P. M.
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., San Francisco (MIssion 1490)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Empire Constr. Co., 344 Harriet Street, San Francisco (HEmlock 3400)
Midstate Constr. Co., 1299 Bush St., San Francisco (ORdway 4688)
Jacks & Irvine, 620 Market St., San Francisco (GArfield 2106)
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Alfred Fisher, 300 Montgomery St., San Francisco (EXbrook 6936).

Store Bldg., University YMCA, Berkeley; Bids open Feb. 26, 2 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Anderson & Hagland, Inc., 219—41st St., Oakland (OLympic 9183).
Stolte, Inc., 8451 San Leandro Blvd., Oakland (TRinidad 1064)

Store Bldg., Broderick St., Oakland: Bids open Feb. 26, 2 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
Anderson & Hagland, Inc., 219—41st St., Oakland (OLympic 9183).
Stolte, Inc., 8451 San Leandro Blvd., Oakland (TRinidad 1064)
Empire Constr. Co., Ltd., 344 Harriet St., S. F. (HEmlock 3400)

Richland Elementary School District, School Bldg., Shafter; Bids open February 27, 7:30 P. M.
Guy E. Hall, 1326 30th St., Bakersfield (Bakersfield 88695)
Rademann-Giusto, 40 Ringold Street, San Francisco (MArket [illegible]).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)

Truck Terminal, Ore.-Nev.-Calif. Fast Freight; Bids open Mar. 1, 2 P. M.
Jacks & Irvine, 620 Market St., San Francisco (GArfield 2106)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624)
Biltwell Constr. Co., 4745 Geary Blvd., San Francisco (BAyview 5947)
H. E. Rahlman, 251 Kearny St., San Francisco (DOuglas 8023).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

Shell Chemical Shop and Storage Bldg., Shell Point; Bids open March 6
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)

Escalator and Elevator Additions, Lincoln Bldg., 867 Market Street, San Francisco; Bids open March 5, 3:00 P. M.
Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco (EXbrook 5616)

Laurel School, San Mateo; Bids open February 28, 8 P. M.
B. & R. Constr. Co., 268 Market St., San Francisco (DOuglas 7516).
C. F. Parker, 1644 Monterey Blvd., San Francisco (OVerland 3723).

Theatre Bldg., Guerneville; Bids open March 6, 12 Noon.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).

Schools, Castro and Alvarado Sts., Richmond; Bids open March 6, 8 P. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Elmer J. Freethy, 1432 Kearney St., El Cerrito (Landscape 5-3811).

Superstructure for Ordnance Shop, San Francisco Naval Shipyard; NOy 12968; Spec. 17152; Bids open March 18, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)

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ADVANCE CONSTRUCTION REPORTS

2/26/46 • 24

PREPARING PRELIMINARY PLANS

RESIDENCE Approx. Cost, $25,000

CARMEL, Monterey County, Calif.

Construction of one-story wood frame modern residence.

Owner—Withheld.

Architects—Mendelsohn, Dinwiddie & Hill, 233 Sansome St., San Francisco.

2/26/46 • 24

SEGREGATED BIDS WANTED

RESIDENCE

ORINDA, Alameda County, Calif.

Construction of one-story frame, stucco and some brick residence (6 rooms, 2 baths), flat roof, hardwood floors, tile baths, air conditioning, attached garage.

Owner—Allyn Wool, 3220 Telegraph Ave., Oakland (Piedmont 1330).

Plans by E. Wright.

The owner is now taking segregated bids on all portions of the work.

2/26/46 • 22

PLANS BEING FIGURED

LOS ANGELES, Calif.—Until Mar. 4 bids are being received by George Pepperdine College, L. T. Vanderveer, business manager, 1121 W. 79th St., Los Angeles, for construction of a girls' dormitory on the campus at the above address for self. The dormitory will be two stories and basement, 39x160 feet in area, with a sun deck, stucco exterior, steel casements, composition roofing, concrete slab first floor and wood floors on the second, gas heat. The cost is estimated at more than $70,000. Plans prepared by Architect Lester H. Hibbard, Architects' Bldg., 816 W. 5th St., Los Angeles.

2/26/46 • 24

BIDS REJECTED

RESIDENCE Approx. Cost, $24,000

BERKELEY, Alameda County, Calif. Buena Vista St.

Construction of two-story, wood frame, stone and reinforced concrete residence.

Owner—M. A. Stewart, Berkeley.

Architects—Mendelsohn, Dinwiddie & Hill, 233 Sansome St., San Francisco.

Bids received recently were rejected.

2/26/46 • 22

PREPARING PRELIMINARY PLANS

HOTEL ADDITION

SAN FRANCISCO. California and Mason Sts.

Construction of 32-story, reinforced concrete and structural steel addition to hotel with circular glass-enclosed skyroom occupying the 31st and 32nd floors, a wide strip of which will revolve to provide a constantly shifting view; 28 of the floors will be made into apartments and the present facade cut back to the ground-floor skylight to make room for the first two stories.

Owner—Fairmont Hotel.

Architect—Lewis P. Hobart, 525 Market St.

2/26/46 • 24

PREPARING PRELIMINARY PLANS

RESIDENCE Approx. Cost, $25,000

NEAR LOS GATOS, Santa Clara Co., Calif. Two miles from Los Gatos.

Construction of one-story ranchhouse type residence (12 rooms), adobe construction with shake roof and open ceilings; concrete slab floors, two-car detached garage.

Owner—Dr. J. Francis, c/o architect.

Architect—Henry David Kensit, Post Office Bldg., Los Gatos.

2/26/46 • 24

PREPARING WORKING DRAWINGS

RESIDENCE Cost, $10,000-$12,000

NEAR LOS GATOS, Santa Clara Co., Calif. Oak Glen Park.

Contruction of frame residence (8 rooms, 2 tile baths), hardwood floors, shake roof, hot-air floor furnaces, separate two-car garage.

Owner—James A. Bacicalupi, c/o architect.

Architect—Henry David Kensit, Post Office Bldg., Los Gatos.

2/26/46 • 25

PLANS COMPLETED

DUPLEX

SAN MATEO, San Mateo Co., Calif. El Cerrito Manor.

Construction of frame and stucco duplex residence (80x120 ft.).

Owner—Glen Moseley, c/o architect.

Architect — Richard M. Bates, 950 Baileyana Rd., Hillsborough.

Bids will be asked shortly.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Water Supply and Sewage Disposal Plants 31-32
Bridges 33
Dams, Reservoirs and Dredging 34
Docks, Piers & Harbors 35
Parks, Airports and Playgrounds 36
Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

2/26/46 • 31

BIDS WANTED

EXETER, Tulare Co., Calif.—Until March 9, 8 P. M., bids will be received by the City of Exeter, Reed Testerman, city clerk, Exeter, for drilling one well not to exceed 800 feet in depth and furnishing casing.

Specifications obtainable from the above office.

33—BRIDGES

2/26/46 • 33

BIDS WANTED

KLICKITAT COUNTY, Wash.—Until March 6, 10 A. M., bids will be received by the Public Roads Administration, W. H. Lynch, division engineer, 808 Bedell Bldg., Portland, Ore., for construction of grading and bridge, Mt. Adams Highway, Columbia National Forest, Klickitat County.

Specifications obtainable from the above office upon deposit of $10.

2/26/46 • 33

BIDS WANTED

SAN DIEGO COUNTY, Calif.—Until March 28, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, state highway engineer, State Bldg., Los Angeles, for construction of two bridges and approaches across Samagatuma Creek and Descanso Creek near Descanso, San Diego County.

The work involves:

(1) remove bridges;
(2) clearing and grubbing;
(3) 30,000 cu. yds. roadway excavation;
(4) 425 cu. yds. structural excavation;
(5) 9200 cu. yds. ditch and channel excavation;
(6) 135,000 sta. yds. overhaul;
(7) develop water supply and furnish water equipment;
(8) 1050 M gallons apply water;
(9) 17 sta. finish roadway;
(10) 63 tons liquid asphalt SC-2 or 3 bituminous surface treatment;
(11) 6400 sq. yds. prepare, mix and shape surface bituminous surfacing treatment;
(12) 253 lin. ft. timber railing;
(13) 400 cu. yds. class A portland cement concrete;
(14) 1300 lin. ft. furnish concrete piles;
(15) 26 each drive piles;
(16) 37 each monuments;
(17) 100 lin. ft. laminated guard railing;
(18) 39 each guide posts;
(19) 0.36 mile new property fence;
(20) 96 lin. ft. 36-in. CMP, 12-gage;
(21) 3 each spillway assemblies;
(22) 66 lin. ft. 8-in. CMP downdrains, 16-gage;
(23) 96 lin. ft. salvage existing pipe culverts;
(24) 75,000 lbs. furnish bar reinforcing steel;
(25) 75,000 lbs. place bar reinforcing steel;
(26) 8 each portable timber barricades;
(27) miscellaneous items of work.

Specifications obtainable from the office of State Highway Engineer, Public Works Bldg, Sacramento.

2/26/46 • 33

BIDS WANTED

LAKE COUNTY, Calif.—Until Mar. 27, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for construction of a structural steel girder bridge and approaches across Kelsey Creek at Kelseyville, Lake County.

The work involves:

(1) 6 acres clearing and grubbing;
(2) 12,500 cu. yds. roadway excavation;
(3) 900 cu. yds. structure excavation, type A;
(4) 290 cu. yds. structure excavation, type B;
(5) 115 cu. yds. ditch and channel excavation;
(6) 90,000 sta. yds. overhaul;
(7) 12,000 sq. yds. compact original ground;
(8) 1820 cu. yds. imported base materail, type A;
(9) 2100 cu. yds. imported base material, type B;
(10) develop water supply and furnish water equipment;
(11) 465 M gallons apply water;
(12) 31 sta. finish roadway;
(13) 12 tons liquid asphalt SC-2 prime coat;
(14) 650 cu. yds. minimum aggregate road mix surfacing;
(15) 50 tons liquid asphalt MC-3, 4- or 5 road mix surfacing;
(16) 9200 sq. yds. mix and compact road mix surfacing;
(17) 12 tons liquid asphalt RORC-5 seal coat;
(18) 110 cu. yds. screenings seal coat;
(19) 260 cu. yds class A portland cement concrete footing blocks;
(20) 675 cu. yds. class A portland cement concrete structures;
(21) 782 lin. ft. concrete railing;
(22) 641,000 lbs. furnish structural steel;
(23) 641,000 lbs. erect structural steel;
(24) 2525 lin. ft. furnish steel piles;
(25) 101 each drive steel piles;
(26) 96,000 lbs. furnish bar reinforcing steel;
(27) 96,000 lbs. place bar reinforcing steel;
(28) 110 cu. yds. sacked concrete riprap;
(29) 16 each monuments;
(30) 19 each guide posts;
(31) 56 lin. ft 18-in. CMP, 16-gage;
(32) 100 lin. ft. 10-in. metal irrigation pipe;
(33) 2 each concrete pipe joints;
(34) 5300 sq. yds. obliterating existing road;
(35) 75 lin. ft. metal plate guard railing;
(36) remove existing bridge;
(37) miscellaneous items of work.

Specifications obtainable from the above office.

2/26/46 • • 33

BIDS WANTED

MENDOCINO COUNTY, Cal.—Until March 27, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, State Highway Engineer, Public Works Bldg., Sacramento, for construction of a reinforced concrete slab bridge on concrete pile bents and about 0.12 mile of grading and surfacing approaches with road mix surfacing and applying seal coat thereto at Dooley Creek, one mile east of Hopland, Mendocino County.

Work involves:

(1) remove existing bridge;
(2) clear and grubb;
(3) 900 c.y. rdwy. excav.;
(4) 250 c.y. struc. excav.;
(5) 3,250 c.y. imported borrow;
(6) 325 c.y. imported base material, type A;
(7) 675 c.y. do, type B;
(8) develop water supply and furnish water equipment;
(9) 100 M. gals. apply water;
(10) obliterating detour;
(11) 7 sta. finish rdwy.;
(12) 4 tons liq. asph. SC-2, prime coat
(13) 11 tons liq. asph. SC-3 or -4, road mix surf.;
(14) 140 c.y. min. agg. road mix surf.
(15) 1,600 sq. yds. mix and compact road mix surf.;
(16) 2 tons liq. asph. RORC-5, seal coat;
(17) 16 c.y. screenings, seal coat;
(18) 270 c.y. Class A portland cement concrete struc.;
(19) 248 l.f. timber bridge railing;
(20) 1,260 l.f. furnish concrete piles;
(21) 36 each drive do;
(22) 55 c.y. sacked conc. riprap;
(23) 64 l.f. 24-in. CMP culvert, 14 gage;
(24) 64 l.f. salvage and haul 24-inch CMP;
(25) 3 each guide posts;
(26) 0.15 mile new property fence;
(27) 8 each monuments;
(28) 61,000 lbs. furnish bar reinf. steel;
(29) 61,000 lbs. place do;
(30) misc. tems of work.

Specifications obtainable from the above office.

34—DAMS, RESERVOIRS & DREDGING

2/26/46 • 34

BIDS WANTED

BOISE PROJECT, Idaho. — Until March 21, 10 A. M., bids will be received by the Bureau of Reclamation, Boise, Idaho, for labor and materials for the construction of Cascade Dam, Boise Project, Idaho; Specification No. 1194. The work is situated on the north fork of the Payette River at Cascade, Idaho. Completion time, 750 days.

No charge to prospective bidders for specifications and drawings; to others, $3. Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo.; R. J. Newell, construction engineer, P. O. Box 937, Reclamation Bldg., Fairgrounds, Boise, Idaho, and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the construction engineer. Guarantee in the amount of 10% of bid required.

The work involves:

(1) diversion and care of river during construction and unwatering foundations;
(2) 20,000 cu. yds. excavation, stripping borrow pits;
(3) 7500 cu. yds. excavation, common, in open cut for outlet works;
(4) 19,000 cu. yds. excavation, rock, in open cut for outlet works;
(5) 2300 cu. yds. excavation, all classes, in tunnel;
(6) furnishing and placing 8000 lbs. permanent steel tunnel supports;
(7) furnishing and placing 8000 lbs. steel tunnel liner plates and steel lagging;
(8) 50,000 cu. yds. excavation, all classes, for foundation of dam;
(9) 400 cu. yds. excavation, rock, for footing of concrete cutoff wall;
(10) 24,000 cu. yds. excavation, common, for spillway;
(11) 33,000 cu. yds. excavation, rock, in spillway;
(12) drilling 16,700 lin. ft. of line holes for rock excavation for spillway;
(13) 315,000 cu. yds. excavation, common, in borrow pits and transportation to dam embankment;
(14) 200 cu. yds. backfill;
(15) 320,000 cu. yds. earth fill in embankments;
(16) tamping or puddling 3500 cu. yds. earth fill;
(17) 55,000 cu. yds. rock fill on downstream slope of embankment;
(18) 11,000 cu. yds. ripray on upstream slope of embankment;
(19) 60 cu. yds. porous concrete under floor of spillway gate structure;
(20) constructing 1000 lin. ft. 4-in. diameter sewer pipe drains with uncemented joints, embedded in porous concrete;
(21) constructing 325 lin. ft. 4-in. diameter sewer pipe drains with uncemented joints, embedded in gravel;
(22) constructing 750 lin. ft. 6-in. diameter sewer pipe drains with uncemented joints, embedded in gravel;
(23) drilling 1700 lin. ft. 1⅜-in. diameter grout holes up to 35-ft. stage;
(24) drilling 2000 lin. ft. 1⅜-in. diameter grout holes between 35-ft. and 60-ft. stage;
(25) drilling 1100 lin. ft. 1⅜-in. diameter grout holes between 60-ft. and 100-ft. stage;
(26) drilling 1000 lin. ft. grout holes less than 35 ft. deep with percussion drills;
(27) placing 2600 lbs. grout pipe and fittings;
(28) 7100 cu. ft. pressure grouting;
(29) 800 cu. ft. pressure grouting with packers;
(30) drilling 4400 lin. ft. holes for anchor bars and grouting bars in place;
(31) 400 cu. yds. concrete in footing of embankment cutoff wall;
(32) 350 cu. yds. concrete in embankment cutoff wall, except in footing;
(33) 750 cu. yds. concrete in tunnel lining except back of plate steel pipe lining;
(34) 150 cu. yds. concrete in tunnel lining back of plate steel pipe lining;
(35) 850 cu. yds. concrete in inlet structures of outlet works, except in beams, columns and roof slab of trashrack structure and in floor of access bridge;
(36) 110 cu. yds. concrete in beams, columns and roof slab of trashrack structure and in floor of access bridge;
(37) 535 cu. yds. concrete in outlet to outlet works except in control house;
(38) 90 cu. yds. concrete in control and engine houses;
(39) 680 cu. yds. concrete in floor of spillway;
(40) 1220 cu. yds. concrete in spillway except in floor and engine house;
(41) 27,000 sq. ft. vacuum concrete processing for spillway floor, pier and inside surface of spillway walls:
(42) placing 606,000 lbs. reinforcement bars;
(43) placing 320 lin. ft. metal sealing strips;
(44) constructing control and engine houses, except concrete;
(45) erecting 10 M ft. b.m. of timber in bridge;
(46) placing 650 sq. ft. asphalt plank on bridge floor;
(47) installing 22,500 lbs. fixed-wheel gate frame, seats, track bases and track;
(48) installing 35,000 lbs. fixed-wheel gate;
(49) installing 60,000 lbs. radial gates;
(50) installing 21,000 lbs. gate hoists;
(51) installing 110,000 lbs. high-pressure gates and conduit-lining castings;
(52) installing 7000 lbs. control apparatus for high-pressure gates;
(53) erecting 18,500 lbs. hoist tower for fixed-wheel gate;
(54) erectign 20,500 lbs. structural steel in bridges;
(55) installing 48,000 lbs. trashracks;
(56) installing 115,000 lbs. welded plate steel tunnel and conduit linings;
(57) installing 5000 lbs. float-well intake, reservoir level gauge and air-vent piping;
(58) installing 4400 lbs. pipe handrails;
(59) installing 3000 lbs. miscellaneous metal work;
(60) installing 500 lin. ft. electrical metal conduit, 1¼-in. diameter and smaller;
(61) installing 450 lin. ft. electrical metal conduit, 1½-in. diameter to and including 2-in. diameter;
(62) installing 1000 lbs. electrical conductors nad ground wires;
(63) installing 2500 lbs. electrical apparatus.

2/26/46 • 34

BIDS OPENED

ASTORIA, Ore.—General Construction Co., 3840 Iowa St., Seattle, Wash., at $776,000, submitted low bid to Capt. G. A. Duncan, officer in charge of construction, Bureau of Yards and Docks, 13th Naval District, Exchange Bldg., Seattle, Wash., for the following work on inactive fleet berthing facilities:

Remove and dispose of two seaplane ramps, dredge 3,000,000 cu. yds. material other than solid rock, dredge and dispose of same into breakwater, remove and dispose of 1500 cu. yds. solid rock, dredging, including construction of breakwater and construction of timber groin.

Other bids were:

Guy F. Atkinson Co., $1,280,775.

Puget Sound Bridge & Dredging Co., Harbor Island, $1,328,000.

Larsno & Palmberg, Astoria, $241,000 for dredging area C only.

2/26/46 • 34

BIDS WANTED

COLUMBIA BASIN PROJECT, Washington.—Until March 12, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Coulee Dam, Washington, under Spec. 1187 for the construction of earthwork, main canal, station 751 plus 94 to station 1100 plus 90.8, Columbia Basin, Project, Washington. Work is situated in vicinity of Stratford and Adrian, Wash.

The work involves:

(1) 1,700,000 cu. yds. excavation, common, for canal;
(2) 340,000 cu. yds. excavation, rock, for canal;
(3) 100,000 sta. cu. yds. overhaul;
(4) 300,000 cu. yds. compacting embankments.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo.; R. J. Newell, regional director, P. O. Box 937, Reclamation Bldg., Fair Ground, Boise, Idaho; F. A. Banks, supervising engineer, Coulee Dam, Washington, and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the supervising engineer.

No charge to prospective bidders for copies of the specifications and drawings; to others, $1 per copy, not returnable.

2/26/46 • 34

BIDS ON FILE

CANTON, Blaine Co., Okla.—C. F. Lytle Co., Sioux City, Iowa, and Amis Constr. Co., Oklahoma City, Okla., at $5,192,623 submitted the low bid to the U. S. District Engineer Office, P. O. Box 61, Tulsa, Okla., February 7, for construction of spillway and completion of embankment at Canton Dam, on the North Canadian River in Blaine County about two miles north of Canton, Okla.

Total bids follow:

C. F. Lytle Co., Sioux City, Iowa, and Amis Constr. Co., Oklahoma City, Okla., $5,192,623; $5,885,123 ,Alt. bid.

James & Phelps Constr. Co., Oklahoma City, $5,857,643.50; $6,633,493.50 Alt. bid.

Leo Sanders, Oklahoma City, $5,947,715; $6,264,715, Alt. bid.

Morrison Kundsen Co., Inc., and Peter Kiewit Sons' Co., Los Angeles, $5,987,575.75; $6,577,375.75, Alt. bid.

Western Contracting Corp., Sioux City, Iowa, $6,220,219; $5,863,299, Alt. bid.

Grafe & Callahan Constr. Co.; Condon-Cunningham Co., and Gunther & Shirley Co., Omaha, Neb., $6,362,680; $7,112,680 Alt. bid.

Johnson, Drake & Piper, Inc. New York; S. J. Groves & Sons, Inc., Minneapolis, Minn;, and Bowen and McLaughlin, Phoenix, Ariz., $6,999,547.50; Alt. bid, $7,495,547.50.

Unit prices are on file for examination at the office of DAILY PACIFIC BUILDER 465 Tenth Street.

38—ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

2/26/46 • 38

PLANS ON FILE

INYOKERN, Kern Co., Calif.—A set of plans and copy of specifications for NOy 13343, Spec. 17504, for street lighting system in the FH area, Naval Ordnance Test Station, Inyokern, for which bids will be opened March 15, 11 A. M., at the office of the officer in charge of construction, Naval Ordnance Test Station, Inyokern, Calif., are on file for examination at the office of DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco.

Overhead and underground electrical distribution and street lighting will be provided which, in general, will consist of placing existing portions of the street lighting system in operation and making necessary rearrangements of existing pole lines, installing additional non-metalic trenchlay cable, poles, lighting standards, constant current transformer overhead conductors, mast arms and luminair lighting units, lamps, etc.

39—SEWERS

2/26/46 • 39

CONTRACT AWARDED

SAN JOSE, Santa Clara Co., Calif.—A. J. Peters & Son, 410 N. 10th St., San Jose, at $7333, awarded contract by the Santa Clara County Board of Supervisors, county clerk, Courthouse, San Jose, for sanitary sewers on Tully Rd.

Other bids were:

Milo A. Brown, Palo Alto, $6465 (no certified check).

Stolte, Inc., Oakland, $7526.40.

McGuire & Hester, Oakland, $7683.

Combs Bros., San Leandro, $7802.

H. E. Conner, Redwood City, $11,475.

Surveyor's estimate, $10,297.

40—STREETS AND HIGHWAYS

2/26/46 • 40

BLUE PRINTS AVAILABLE

SACRAMENTO, Calif.—State Highway Engineer G T. McCoy announces cost of blue prints now available for work for which bids will be opened in Sacramento on March 20 and in Los Angeles on March 21:

I-Lak-89-E, between 1.2 miles north of Rodman Narrows Rd. and Route 15: Plans (including sales tax), $1.85; cross-sections (including sales tax), $10.92; total cost plans and cross-sections (including sales tax), $12.77.

VIII-SBd-26-D, between Vineyard Ave. and Etiwanda Ave.: Plans (including sales tax), $6: cross-sections (including sales tax), $10.61; total cost plans and cross-sections (including sales tax), $16.61.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P O. Box 1499, Sacramento, Calif.

Blue prints of plans are sold at cost and are not returnable for refund.

2/26/46 • 40

NOTICE

LAKE COUNTY, Calif.—A representative of the district office of the State Division of Highways will meet prospective bidders for the proposed project in Lake County, I-Lak-89-E, for which bids are to be received in Sacramento on March 20, 1946.

Said representative will meet prospective bidders at the junction of Ukiah-Williams Rd. with the Lakeport Rd. at Upper Lake on Friday, March 15, 1946, at 10 A. M.

Prospective bidders are urged to cooperate with the district office and arrange to make their field inspection on the above date.

2/26/46 • 40

BIDS WANTED

MERCED COUNTY, Calif. — Until March 27, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about 3.8 miles grading and paving with portland cement concrete and constructing four bridges between Black Rascal Canal and Buhach Station, Merced County.

The work involves:

(1) 810 cu. yds. remove concrete;
(2) 200 sta. clearing and grubbing;
(3) 15,500 cu. yds. roadway excavation;
(4) 2550 cu. yds. structural excavation;
(5) 8200 cu. yds. ditch and channel excavation;
(6) 50,000 sq. yds. compact original ground;
(7) 112,000 cu. yds. imported borrow, type A;
(8) 20,000 cu. yds. imported borrow, type B;
(9) 46,000 sq. yds. subgrade treatment;
(10) develop water supply and furnish water equipment;
(11) 7700 M gallons apply water;
(12) 200 sta. finish roadway;
(13) 8300 tons crusher run base;
(14) 68 tons liquid asphalt SC-2 prime coat and penetration treatment;
(15) 90 cu yds. sand prime coat;
(16) 50 tons asphaltic emulsion paint binder, armor coat and seal coat;
(17) 625 tons screenings armor coat and seal coat;
(18) 2400 tons minimum aggregate plant mix surfacing;
(19) 120 tons paving asphalt plant mix surfacing;
(20) 250 lin. ft. raised bars;
(21) 10,400 cu. yds. portland cement concrete pavement;
(22) 7500 each tie bolt assemblies;
(23) 1980 cu. yds. class A portland cement concrete structures;
(24) 7770 lin. ft. furnish concrete piles
(25) 210 each drive piles;
(26) 175 cu. yds. broken concrete riprap;
(27) 7 cu. yds. portland cement concrete curbs;
(28) 25 each monuments;
(29) 1530 lin. ft timber bridge railing;
(30) 225 lin. ft. timber headwall railing;
(31) 300 lin. ft. move and reconstruct existing guard railing;
(32) 20 each culvert markers and guide posts;
(33) 1.4 miles new property fence, type A;
(34) 0.1 mile new property fence, type B;
(35) 6 each drive gates;
(36) 40 lin. ft. 30-in. reinforced concrete pipe, standard strength;
(37) 108 lin. ft. 36-in. reinforced concrete pipe, standard strength;
(38) 322 lin. ft. 12-in. CMP, 16-gage;
(39) 1070 lin. ft. 18-in. CMP, 16-gage;
(40) 40 lin. ft. 24-in. CMP, 14-gage;
(41) 104 lin. ft. 24-in. CMP siphon, 14-gage;
(42) 5 each field joints for siphons;
(43) 7 each drainage gates;
(44) 448 lin. ft. salvage existing pipe culverts;
(45) 138 lin. ft relay salvage CMP culverts;
(46) 380,000 lbs. furnish bar reinforcing steel;
(47) 380,000 lbs. place bar reinforcing steel;
(48) miscellaneous items of work.

Specifications obtainable from the above office.

2/26/46 • 40

BIDS WANTED

BERKELEY, Alameda Co., Calif.—Until March 11, 2 P. M., bids will be received by the Regents of the University of California, Administration Bldg., Berkeley, for construction of a new road between Piedmont Ave. and La Loma Ave. and Hearst St. across the Berkeley campus of the University of California.

Specifications obtainable from the cashier's office, 103 Administration Bldg., University of California, Berkeley 4.

2/26/46 • 40

BIDS WANTED

SISKIYOU COUNTY, Calif.—Until March 20, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about 13.3 miles surfacing with imported borrow base and plant mix surfacing between Yreka and Camp Lowe, Siskiyou County.

The work involves:

(1) develop water supply and furnish water equipment;
(2) 350 M gallons apply water;
(3) 210 sta. finish roadway;
(4) 14,000 tons crusher run base;
(5) 1550 tons screenings seal coat;
(6) 165 tons paving asphalt seal coat
(7) 65 tons liquid asphalt SC-2 prime coat;
(8) 1300 tons paving asphalt plant mix surfacing;
(9) 24,000 tons minimum aggregate dense graded plant mix surfacing;
(10) 2300 tons minimum aggregate open graded plant mix surfacing
(11) 38 tons liquid asphalt RC-2 tack coat and choker;
(12) 200 tons minimum aggregate choker.

Specifications obtainable from the above office.

2/26/46 • • 40

BIDS WANTED

SAN BERNARDINO CO., Calif.—Until March 28, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, State Highway Engineer, State Bldg., Los Angeles, for about 3.2 miles grading and surfacing with plant mix surfacing between Highland Ave. and City Creek Bridge and construct a bridge across City Creek, in San Bernardino County.

Work involves:

(1) 350 c.y. remove concrete;
(2) 42 acres clear and grubb;
(3) 486,000 c.y. rdwy. excav.;
(4) 5,000 c.y. ditch and channel excavation;
(5) 16,500 c.y. struc. excav.;
(6) 7,170,000 sta. yds. overhaul;
(7) 40 tons straw slope erosion protection;
(8) 4,000 lbs. seed slope erosion protection;
(9) 4,600 c.y. rock slope protection;
(10) develop water supply and furnish water equipment;
(11) 13,500 M. gals. apply water;
(12) 171 sta. finish rdwy.;
(13) 99,000 l.f. brush mats, erosion protection;
(14) 28,000 l.f. wire brush mats do;
(15) 500 tons pave. asph., plant mix surfacing;
(16) 10,000 tons min. agg., plant mix surfacing;
(17) 140 l.f. raised bars, plant mix surfacing;
(18) 35 tons asph. emulsion, seal coat
(19) 500 tons screenings, seal coat;
(20) 2,065 c.y. Class A portland cement conc. structures;
(21) 213 c.y. Class A portland cement conc., arch ribs;
(22) 842 l.f. concrete railing;
(23) 4,500 lbs. misc. iron and steel;
(24) 226 c.y. Class A portland cement conc., curbs and gutters;
(25) 113 each monuments;
(26) 5,120 l.f. metal plate guard railing;
(27) 130 each guide posts;
(28) 120 each culvert markers;
(29) 0.9 mile new fences;
(30) 80 l.f. 30-in. reinf. concrete pipe, extra strength;
(31) 460 l.f. 36-inch do;
(32) 106 l.f. 48-inch do;
(33) 810 l.f. 12-in. CMP, 16 gage;
(34) 460 l.f. 18-in. CMP 16 gage;
(35) 1,670 l.f. 24-in. CMP 14 gage;
(36) 480 l.f. 24-in. CMP, 12 gage;
(37) 204 l.f. 30-in. CMP 10 gage;
(38) 110 l.f. 36-in. CMP, 12 gage;
(39) 136 l.f. 36-in. CMP, 10 gage;
(40) 146 l.f. 42-in. CMP 12 gage;
(41) 120 l.f. 42-in. CMP 10 gage;
(42) 226 l.f. 42-in. CMP, 8 gage;
(43) 142 l.f. 48-in. CMP, 10 gage;
(44) 244 l.f. 48-in. CMP, 8 gage;
(45) 76 l.f. 54-in. CMP, 12 gage;
(46) 100 l.f. 54-in. CMP, 10 gage;
(47) 222 l.f. 60-in. CMP, 10 gage;
(48) 920 l.f. 8-in. CMP 16 gage down drains;
(49) 108 l.f. 36-in. part circle reinf. concrete slope drains, standard strength;
(50) 108 l.f. 42-in. do;
(51) 402,500 lbs. furnish bar reinf. steel;
(52) 402,500 lbs. place do;
(53) misc. items of work.

Alternate Cribbing Items

Alt. A—Reinf. Concrete Cribbing

(54) 410 each 8x5-in. x 6-ft. reinf. conc. headers;
(55) 2,900 each 10x5-in. x 6-ft. do;
(56) 1,600 each 6x6-in. x 6-ft. reinf. conc. stretchers;
(57) 1,500 each 8x6-in. x 6-ft. do;
(58) 2,100 each 10x6-in. x 6 ft. do;
(59) 400 each 10x6x10-in. conc. filler blockers;

Alt. B—Metal Cribbing

(60) 774 each 16-in. x 9.5-ft. metal stringers, 16 gage;
(61) 368 each 16-in. x 9.5-ft. do, 14 gage;
(62) 382 each 16-in. x 9.5-ft. do, 12 gage;
(63) 74 each 16-in. x 9.5-ft. do, 10 gage;
(64) 28 each 19½ x 5.2-foot metal spacers, 16 gage;
(65) 128 each 19½ x 7.4-foot metal spacers, 16 gage;
(66) 93 each 19½ x 9.6-foot metal spacers, 14 gage;
(67) 269 each 19½ x 11.8-foot metal spacers, 12 gage;
(68) 291 each 19½ x 14.0-foot metal spacers, 12 gage;
(69) 8 each 15¼-in. x 5.2-ft. metal bottom spacers, 16 gage;
(70) 15 each 15¼-in. x 7.4-ft. do;
(71) 10 each 15¼-in. x 9.6-ft. metal bottom spacers, 14 gage;
(72) 16 each 15¼-in. x 11.8-ft. metal bottom spacers, 12 gage;
(73) 15 each 15¼-in. x 41.0-ft. do;
(74) 58 each 3⅝-in. x 9.5-ft. metal stringer stiffeners, 8 gage;
(75) 2,540 l.f. 8¾-in. metal columns, 8 gage;
(76) 380 l.f. 8¾-in. split metal columns, 8 gage;
(77) 64 each 6⅛-in. x 8 9-16-in. metal column caps, 12 gage;
(78) 194 each 8 9-16-in. x 9½-in. metal column splicers, 14 gage;
(79) 128 each 16x16-in. base plates, 1 gage;
(80) 112 each 20x20-in. do;
(81) 66 each 24x24-in. do.

Note: A bidder is required to submit a bid on one alternative, and may, but is not required, to submit bids on all the alternatives.

The cnotract will be awarded unless all bids are rejected, to the lowest responsible bidder for the work as a whole, irrespective of the alternative on which bid is based.

Specifications obtainable from the office of the State Highway Engineer, Public Works Bldg., Sacramento.

2/26/46 40

NOTICE

SAN BERNARDINO, Calif.—A representative of the district office of the State Division of Highways will meet prospective bidders for the proposed project in San Bernardino County, VIII-SBd-26-D, for which bids are to be received in Los Angeles on March 21, 1946.

Said representative will meet prospective bidders at Vineayrd Ave., Ontario east city limit and Route 26 on Friday, March 8, 1946, at 10 A. M., and on Friday, March 15, 1946, at 10 A. M.

41—GAS, WATER AND OIL PIPE LINES

2/26/46 • 41

BIDS WANTED

SHARP PARK, San Mateo Co., Calif.—Until March 9, 11 A. M., bids will be received by the North Coast County Water District, Firehouse of Sharp Park Fire Department, Sharp Park, for construction of water distribution line.

The work involves:

(1) 5100 ft. 6-in. welded steel pipe;
(2) 3660 ft. 4-in. welded steel or transite pipe;
(3) 2600 ft. 2-in. galvanized pipe;
(4) 7 each 6-in. valves;
(5) 12 each 4-in. valves;
(6) 10 each 2-in. valves;
(7) 10 each hydrants.

Plans prepared by District Engineer E. P. Wilsey, 705 El Camino Real, Hillsborough, may be obtained from the office of Charles T. Broughton, 425 Grand Ave., South San Francisco, upon deposit of $10.

2/26/46 • 41

LOW BIDDER

LOS BANOS, Merced Co., Calif.—Pacific Pipeline Construction Co., Avenal, submitted low bid to the City of Los Banos, City Hall, Los Banos, for construction of water line. Plans by City Engineer W. E. Bedesen.

Complete bids will be published shortly.

Machinery & Material

(Continued on Page 4)

FOR SALE

35-h.p., 100-lb. W P BOILERS, VERTICAL—OIL FIRED

Complete package units including: Controls, Burner, 32-ft. Stack, Insulating Materials, Spare Parts, Tools, Breeching, Standard Boiler Fittings and Trim.

A COMPLETE UNIT READY FOR INSTALLATION IMMEDIATE DELIVERY

Pacific Agencies, Inc.

333 Montgomery St. Phone YUkon 0247

GET READY FOR THE APPLIANCES YOU WANT!

WIRE AHEAD
for Better Living
ADEQUATE WIRING
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You know what you want in the way of new appliances for your home and you are going to have them! An electric washer that does all the work of getting clothes white in a jiffy... a big new refrigerator or one of the marvelous Home Freezers for storing frozen foods... an ironer and an electric dishwasher that washes and dries dishes, silverware, glasses. All these probably will be your proud possessions in the near future. Right now, if you are planning to build a new home or remodel your present one, is the time to make sure your plans include fully adequate wiring to serve these new home servants with full power for lowest operating cost. Adequate wiring consists of these essentials: Plenty of outlets, plenty of light switches and wires large enough to handle your electrical equipment for years to come.

P·G and E·

PACIFIC GAS AND ELECTRIC COMPANY

110W-246

Building Permits, Contracts---Recorded Notices

BUILDING PERMIT Applications

SAN FRANCISCO

OFFICE Bldg Class A 15-story, $1,100,000; W Main 136 S Market; owner, Matson Navigation Co, 215 Market St; contractor, Swinerton & Walberg Co, 225 Bush St; engineer, L S Rosener, 233 Sansome.

ALTER stores and offices, $60,000; 245 California St; owner, G Halt, c/o cntr; contractor, Jacks & Irvine, 620 Market St.

RESTAURANT, 1-story frame, $24,000; NW 26th Ave and Geary Blvd; owner, Bert Leighton, 2678 18th Ave; contractor, J W Frey, 2600 Oakdale.

ALTER bank, $23,000; 5000 Third St; owner, Bank of America, 300 Montgomery St; contractor, Capital Co, 1 Powell St; plans by contractor.

ALTER bank, $18,000; 655 Geary St; owner, Bank of America, 300 Montgomery St; contractor, Capital Co, 1 Powell St; plans by contractor.

ALTER dwelling, $15,000; 290 Sea Cliff Ave; owner, James Fickert, c/o cntr; contractor, Ira W Coburn 2048 Market St.

STORE, 1-story furniture, $13,000; SW 18th Ave and Taraval Street; owner, Syl Moise, prem; contractor, J W Frey, 2600 Oakdale.

ALTER bank, $10,000; 2901 Diamond St; owner, Capital Co, 1 Powell St; contractor, Alf P Fisher, 300 Montgomery St; plans by Capital Company.

ALTER flats and store, $7000; S Noriega 82.6 E 48th Ave; owner, James Karas, 4029 Noriega.

ALTER bank, $6500; 1401 Market; owner and contractor, Capital Co, 1 Powell St; plans by contractor.

DWELLING, 1-story frame, $6000; E 34th Ave 152.10 N Taraval St; owner and builder, Eric Dahlberg, 583 Victoria St.

DWELLINGS, three 1-story fr, $5500 each; E 29th Ave 75, 100, 125 South Quintara; owner and builder, Chas Ingerman, 2340 22nd Avenue.

DWELLING, 1-story frame, $4500; S Donner 150 W Phelps; owner and builder, Andrew Ardito, 1921 Donner Ave.

ALTER auto shop, $3000; 2140 Folsom St; owner, Puritan Prod, 2140 Folsom; contractor, Adam Arras & Son, 116 New Montgomery St.

ALTER store, $4000; 2501 Van Ness Ave; owner, A H Field, 1700 Broadway; contractor, American Fixture Co, 935 Howard St.

DWELLING, 1-story frame, $4500; E Great Highway 350 S Moraga; owner and builder, United Housing Corp, 2701 Judah St.

DWELLING, 1-story frame, $4,000; SW 33rd Ave and Lincoln Way; owner and builder, United Housing Corp, 2701 Judah St.

STEEL FRAME, class C, $2000; S Wilder 25 E Diamond; owner and contractor, A Gilman, 2855 Diamond St.

ALTER store, $1000; 186 Embarcadero; owner, Sam's Sailor Store, premises; contractor, G T Robinson, 43 Milan Terrace.

OAKLAND

1-STORY BRICK ADDITION, $20,000; 951 61st St; owner, Ralph N Brodle Co, 61st and Lowell Sts; builder, Willis F Lynn, 1040 Folger Ave, Berkeley; architect, John B Anthony, 2829 Forest Ave, Berkeley.

2-STORY STORE and DWELLING, $7000; 531-533 E 14th St; owner, Jas Arnott, 633 Taraval St, San Francisco; builder, Jas A Arnott & Son, 633 Taraval St, San Francisco.

1-STORY STORE BUILDING, $8500; 7612-18 E 14th St; owner, J M Bobbino, 7606 E 14th St; builder, James A Ganley, 855 Midway Ave, San Leandro

ADDITION, $500; 3430 Salisbury St; owner and builder, L Doll, 3430 Salisbury St.

ALTERATIONS, $500; 370 Grand Ave; owner and builder, Ray L Hermann, 370 Grand Ave.

MOVE HOUSE, $1000; 1911 62nd Ave; owner, Geo Wale Jr, 5931 Monadnock Way; builder, O W Helmkamp, 215 Arroyo, San Leandro.

1-STORY BUILDING (concrete), $15,000; 5911-15 MacArthur Blvd; owner, White & Pollard, 1428 Franklin St; builder, John J Moore Co, 959 33rd St; engineer, R H Cooley, 959 33rd St, Oakland.

DWELLING (1-story 5-room), $5000; 1452 85th Ave; owner and builder, P G Williams, 2525 E 28th St.

ADDITION, $950; 3065 Kansas St; owner, Walter A Schneider, prem; builder, Peter Kostal, 869 Schafer Rd, Hayward.

ALTERATIONS, $9000; 3301 Foothill Blvd; owner, J A Piccardo, 3301 Foothill Blvd; builder, Capital Co, 1 Powell St, San Francisco.

1-STORY CONCRETE STORE, $15,000; 295 19th St; owner, Cameo Stores, 3669 Telegraph Ave; builder, R B Schiveley, 1438 Peirce Ave, San Leandro; architect, W F Baxter, 6066 Thornhill Dr

BUILDING PERMIT Granted

SAN FRANCISCO

FEBRUARY 23, 1946

STUDIO APT, 1-story and basement Class C, $14,000; 2127 Bush Street; owner, G Reising.

ALTER flats, $600; 2022 McAllister; owner, Mrs Dito.

DWELLINGS, ten 1-story frame, $5,300 each; W Sawyer 367, 392, 417, 442, 467, 492, 517, 542, 567, 592 South Sunnydale; owner Sbarboro & Jorgensen, Inc.

ALTER rooming house, $950; 902 Clay St; owner, H Gagliardo.

DWELLING, 1-story frame, $5300; E 45th Ave 150 N Quintara; owner R F Galli.

ALTER store and living qtrs, $570; owner, Abraham Brody.

ALTER hotel, $988; 111 Taylor St; owner, Mr Shostack.

ALTER store, $600; SW Cor Vienna and Persia; owner, David Paterson.

BLDG, 1-story frame, $600; Mariposa and Alabama Streets; owner, Bradley Plastering Co.

DWELLINGS, seven 1-story frame, $6700 each; NW Cor Silliman St and Holyoke; N Silliman 25, 50, 75, 100, 125 W Holyoke; W Holyoke 75 N Silliman; owner, Arnold Blum.

ALTER office and store bldg, $1,000; owner, Roos Bros.

ALTER dwelling, $1021; 3579 Jackson St; owner, Mrs J A Cavalier.

BLDG, 2-story frame, $14,000; SE Cor 24th Ave and Kirkham Street; owner, Mr and Mrs Carl Stendell.

ALTER mfg bldg, $1250; 390 9th St; owner, Wells Fargo Bank & Union Trust Company.

ALTER restaurant, $3000; SW Cor Turk and Taylor Sts; owner, Imperial Grill.

ALTER apt house, $850; 1270 McAllister St; owner, Mr Rayberg.

ALTER dwelling, $1400; 1274-6 McAllister; owner, Mr Newman.

ALTER flats, $600; 260 Vallejo St; owner, Michael Driscoll.

ALTER flats, $2850; 52 Biedman; owner, Mrs Malaeff.

ALTER warehouse, $2000; 1301 Sansome St; owner, H G Walters Co.

ALTER resident, $500; 801 Madrid; owner, W U Tonell.

BERKELEY

GARAGE, $650; 1346 Haskell; owner and builder, Mitchell G Walker, 1346 Haskell.

STORAGE GARAGE, $6000; 810 Carlton; owner, Colgate-Palmolive-Peet Co, 810 Carlton; builder, Austin Co, 618 Grand Ave, Oakland; plans by Austin Co.

ALTER GARAGE, $1200; 810 Carlton; owner, Colgate-Palmolive-Peet Co, 810 Carlton; bulder, Austin Co, 618 Grand Ave, Oakland; plans by Austin Co.

DRY ICE PLANT, $21,500; 642 Virginia; owner, Pure Carbonic, 642 Virginia; builder, Fluor Corp, Los Angeles; plans by owner.

ALTERATIONS, $1100; 2827 Regent; owner, Eliz Judkins, 2827 Regent; builder, Elmer B Pearson, 2839 Shattuck.

ALTERATIONS, $3000; 2421 Prospect; owner and builder, Ned R Reed, 2421 Prospect.

GATE AND SHED, $7000; 810 Carlton; owner, Colgate-Palmolive-Peet Co, 810 Carlton; owner, Austin Co, 618 Grand Ave, Oakland; plans by Austin Co.

ALTERATIONS, $1250; 2001 Kittridge; owner, U S Government, 2004 Allston Way; builder, Nick Hemminga, 627 38th Ave, San Francisco.

ALTERATIONS, $800; 640 Colusa; owner, H R Honnald, 640 Colusa; builder, O L Burritt, 421 63rd St, Oakland.

GARAGE, $900; 2435 Byron; owner and builder, Otto R Ojala, 2435 Byron.

GAS PUMP SHELTER, $1000; 810 Carlton; owner, Colgate-Palmolive-Peet Co, 810 Carlton; builder, Austin Co, 618 Grand Ave, Oakland; plans by Austin Co.

ALTERATIONS, $7500; 810 Carlton; owner, Colgate-Palmolive-Peet Co, 810 Carlton; builder, Austin Co, 618 Grand Ave, Oakland; plans by Austin Co.

ALTERATIONS, $16,000; 2480 Shattuck; owner, Cord (Dwight Way) Hardware, 2480 Shattuck; builder, F A Stead, 1991 Center; plans by F O Rosberg.

ALTERATIONS, $1500; 2750 Prince; owner, G W Richardson, premises; builder, O L Barritt, 421 63rd St, Oakland.

DWELLING, $25,500; 734 Spruce; owner, Tantha Densmore, 2072 E Foothill Blvd, Altadena, Calif; builder, California Construction Co, 3380 Adeline St.

SAN MATEO

DWELLING, $12,000; 20 Lindberg; owner and builder, Thos Brown, 14448 Tyler St, San Fernando.

GARAGE, $700; 10 Kingston; owner and builder, H L Storey.

DWELLING, $12,000; 2515 Garfield; owner, R C Evans; contractor, A Abbott, P O Box 601.

DUPLEX, $22,000; Lot 2 Blk 2, El Camino Real; owner and builder, J Henry Delaney.

DWELLING, $10,000; 234 41st St; owner and builder, Geo Caldwalader.

DWELLING, $12,500; 2660 Garfield; owner and builder, Frank Hernandez.

REPAIR and alter dwelling, $600; 335 W Bellevue; owner, J Fuller; contractor, Tom Williams, P O Box 191, King City.

OFFICE bldg, $9000; Lot 5 Palm Ave owner and builder, Macnsons.

CABINET Shop and display room, $9000; Lot 14 Blk 69-A, Bayshore Blvd; owner and builder, G F Miilster and B Wunder.

GARAGE and storage room, $1500; 1438 Park Blvd; owner and builder, Walter R Fox.

OFFICE, $60,000; San Mateo Drive; owner, San Mateo Medical Center; contractor, Oscar Cavanaugh.

DWELLING, $14,000; 510 Carmel Circle; owner and builder, Walter E Thompson.

PLANT, $20,000; 501 9th Ave; owner, J C Boodell; contractor, Chas J Pedersen, 333 Occidental Avenue, Burlingame.

DWELLING, $7000; 716 30th Avenue owner and builder, Edwin Swanson, 1239 11th Ave, San Francisco.

SAN MATEO

DWELLING, 1-story 6-room, $7,000; 1803 Bancroft Ave; owner and contractor, E H Mellencamp, 393 Cherrywood Ave.

SAN MATEO COUNTY
Unincorporated

RESIDENCE, $5000; Blk 2, Avy St, University Heights; owner and builder, F A Lagergren, 3220 El Camino Real, Palo Alto.

RESIDENCE, $15,000; Harbor Blvd; owner and builder, T Keelin, 617 Prospect St, San Carlos.

RESIDENCE, $6000; Lot 1 Block 3, Palomar Ave, Palo Alto Park; owner, C Summerville, 345 Hamilton Ave, Palo Alto; contractor, G Wollnick, 628 Waverly, D. C

RESIDENCE, $2850; Lot 7 Woodlands Ave, Woodland Park; owner and builder, Mr and Mrs H Hackley, 474-A Everett Avenue, Palo Alto.

MENLO PARK

RESIDENCE, 4-room, $5600; San Mateo Drive; Murray Tract; owner, H R Whiting; contractor, Lee Merrill Constr Co.

ADDN and repairs to residence, $1,200; 820 Olive Street; owner, W Gilson, prem; contractor, Moore V Madison.

THEATRE bldg, reinf concrete, $60,000; 1275 El Camino Real; owner, Menlo & Mayfield Amusement Co, Inc; contractor, Moore & Roberts, 693 Mission Street, San Francisco; architect, O A Deichman, 1026 Market St, San Francisco; engineer, Harold B Hammill, San Francisco.

RESIDENCE, 6-room with attached garage, $9000; 440 Glenwood, Menlo Park Hills; owner and builder, Gawley & Deuprey.

RESIDENCE, 6-room and attached garage, $9000; 448 Glenwood, Menlo Park Hills; owner and builder, Gawley & Deuprey.

RESIDENCE, 6-room and attached garage, $9000; 1417 Laurel St, Menlo Park Hills; owner and builder, Gawley & Deuprey.

BUILDING CONTRACTS

SAN MATEO COUNTY

DWELLING,, 5-room
LOT 3 BLK 29, San Mateo Terrace No 7, San Mateo.
Owners—Herman H and Frances B Schaffner.
Architect—Not Given.
Contractor—Mardiman Constr Co, Inc 1537 Drake Ave, Burlingame.
Filed, Feb. 18, 1946. Dated, ...
Cash payment of..............$1,500
When sub-floor finished..............20%
Frame completed..............20%
Sheetrock applied..............20%
Completion filed..............20%
Usual 35 days after..............20%
TOTAL COST, $8,250

Completion Notices

SAN FRANCISCO

Recorded Accepted

Feb 25, 1946—SW PAYSON and St Charles Ave S 25 x W 75.61, ptn Lots 1 to 3 incl Blk 5, Ocean View Park
W St Charles Ave 25, 75 South Payson S 25 x W 75.61, ptn lots 1 to 3 incl blk 5, Ocean View Pk. Albert H Elkington to whom it may concern..............February 25, 1946

Feb 25, 1946—N KIRKHAM St 95 E 17th St. Elias Vigen to whom it may concern..............February 25, 1946

Feb 25, 1946—W St CHARLES Ave 50 S Payson S 25 x W 75.61, ptn lots 1 to 3 incl Blk 5, Ocean View Park. Albert H Elkington to whom it may concern..............February 25, 1946

ALAMEDA COUNTY

Recorded Accepted

Feb 25, 1946—LOT 7, Tract 566, Eden Twp. Stanley Milholland to whom it may concern..............February 20, 1946

Feb 23, 1946—SE COR PIER and Ferry Sts, Oakland. General Petroleum Corp to Independent Iron Works..............February 20, 1946

Feb 23, 1946—LOT 235, Montclair Highlands, Oakland. F Melvin Canning to C B Johnson..............February 19, 1946

Feb 21, 1946—LOTS 92 and 93 Blk 1, Regents Park No 4, Albany. George R McNutt to whom it may concern........February 19, 1946

SAN MATEO COUNTY

Recorded Accepted

Feb 23, 1946—LOT 1 Blk 22, San Mateo Terrace No 7. Andrew J Gawley to whom it may concern..............February 19, 1946

Feb 23, 1946—LOTS 110, 114, 233, 237, Redwood Village. T J Cullligan to Conway & Culligan..............February 21, 1946

Feb 18, 1946—LOT 19, Blk 11, Edgewood Park, Redwood City. Irving Gamberg to M J Lovell..............February 15, 1946

Feb 18, 1946—LOT 1 Blk 17, Belmont Country Club Sub, Belmont. Robert L and Cecilia Joan Norton to Wm H Penaat..............February 16, 1946

Feb 18, 1946—222.16 of Lot 14, Oakwood Park, Oakwood Circle, Redwood City. Mr and Mrs Ellis Lazzari to Sjoberg & Sjoberg..............February 8, 1946

Feb 18, 1946—PTN LOT 4 Blk 7, Sub Nash Tract near Palo Alto. Geo A and Helen Mae Foreman to John Christiansen & Son..............February 13, 1946

Feb 18, 1946—LOT 4 Blk 29, San Mateo Terrace No 7, San Mateo. Millard J Greb to Hardiman Construction Co, Inc..........Feb 16, 1946

Feb 18, 1946—LOT 26 Blk 5, Terrace Gardens, San Mateo. W W Holden to whom it may concern..............February 12, 1946

MARIN COUNTY

Recorded Accepted

Feb 20, 1946—BELVEDERE. Doris B Kline to Atlas Stairbuilding Co Gaither & Boe, A Quandt and Sons, etc..........February 16, 1946

Feb 18, 1946—½ mile south of Hamilton Field. Myron Holcomb to Enri Cavasso........February 18, 1946

Liens Filed

SAN MATEO COUNTY

Recorded Amount

Feb 21, 1946—LOTS 2 and 3, Hanscom's Resub of North Palo Alto. Lloyd Griffin vs Ralph and Cora Belle Herman..............$185.00

Furnace Permits

OAKLAND

3678 High St; owner, Pulliam; dealer, Finzell; floor furnace.

9933 C St; owner, Dinl; dealer, C & M Stove Shop; floor.

6857 Arthur St; owner, Grogan; dealer, C & M Stove Shop; floor.

3307 Over St; owner, Capper; dealer, O C Wood; floor.

2631 Chestnut St; owner, Rose; dealer, O C Wood; floor.

6537 Heartwood; owner, Metcalf; dealer, R A Roeber; central.

1836 13th Ave; owner, Boyce; dealer, E Maloney; floor.

3811 Everett Ave; owner, Teed; dealer, E Maloney; floor furnace.

Plumbing Permits

OAKLAND

9532 E 14th St; owner, Rowan; contractor, J Morony; 2 pl fix.

1701 14th Ave; owner, Pierce; contractor, Cleaners Exchange; 1 gas op.

1916 Broadway; owner, Tapcott Bldg; contractor, J Rankin; 2 pl fix.

2926 San Pablo Ave; owner, ...; contractor, E Maloney; 1 gas op.

SE Cor E 14th and 40th Avenue; owner, Sunset Roof Co; contractor, J A Freitas; 2 pl fix.

4112 MacArthur Blvd; owner, Clinick Elec Co; contractor, H Salisbury; 4 pl fix; 4 gas op.

1223 23rd Ave; owner, Chatuta; contractor, J R Pierce; 2 pl fix.

1238 Campbell; owner, J Lee; contractor, J Smith; 1 pl fix.

462 8th St; owner, Home Roof Co; contractor, J A Freitas; 2 pl fix; 1 gas op.

4032 Foothill Blvd; owner, ...; contractor, J A Fretas; 1 pl fix; 1 gas op.

1724 Market Street; owner, ...; contractor, J A Fretas; 2 pl fix; 1 gas op.

1001 35th Ave; owner, ...; contractor, J A Freitas; 4 pl fix.

534 12th St; owner, Hotel St Paul; contractor, Durant; 6 pl fix.

NW Cor 77th Ave and E 14th St; owner, Robbins; contractor, Durant; 4 pl fix; 2 gas op.

678 2t8h St; owner, C Bray; contractor, Durant; 3 pl fix; 2 gas op.

803 55th St; owner, Jefferies; contractor, L J Maddin; 4 pl fix; 1 gas op.

521 40th St; owner, Key Cleaners; contractor, Wm O'Toole; 2 pl fix.

2040 Grove St; owner, Caning; contractor, H Buckmun; 1 pl fix.

845 3t7h St; owner, McFarland; contractor, H Weber; 3 pl fix.

1342 97th Ave; owner, Allen; contractor, J R Pierce; 14 pl fix; 3 gas op.

4231 E 12th St; owner, J Hensley; contractor, Wm Souza; 3 pl fix.

1219 Evcelsior Ave; owner, St Margaret Mary's; contractor, J Tancredy; 1 gas op.

1801 13th Ave; owner, G and L Grocers; contractor, Gus Berman; 2 pl fix.

6035 Majestic; owner, ...; contractor, D Watson; 1 pl fix.

2439 34th Ave; owner, Army's Liquor Store; contractor, H Sogn; 2 gas op.

1510 Franklin St; owner, W Mendell; contractor, Aladdin Htg Co; 1 gas op.

2725 Fruitvale Ave; owner, Gamble; contractor, W Griffith; 2 pl fix.

121 Marlow; owner, ...; contractor, Wm Souza; 5 pl fix; 2 gas op.

1122-30 5th Ave; owner, Adams Bros; contractor, M Frinzel; 7 pl fix; 3 gas op.

870 Mead Ave; owner, Vallejo; contractor, J W Neal; 2 pl fix.

2033 San Pablo Ave; owner, Minster; contractor, J W Neal; 1 gas op.

2280 35th Ave; owner, Earheart; contractor, Harold Sogn; 2 pl fix; 1 gas op. x

5620 Telegraph Ave; owner, Claremont Press; contractor, T Morrill; 5 gas op.

6874 Sunkist Drive; owner, S J Dowling; contractor, Chas Smith; 5 pl fix; 3 gas op.

1784 Atlantic St; owner, ...; contractor, Wm Souza; 1 pl fix.

1819 7th Ave; owner, Thompson Constr Co; contractor, M Finzel; 4 pl fix; 3 gas op.

1929 35th Ave; owner, Ben Koska; contractor, P H Blake; 4 pl fix; 2 gas op.

700 Clay St; owner, 4 Roses Cafe; contractor, N Bendlt; 5 pl fix; 4 gos op.

2566 Truman Ave; owner, Walker & King; contractor, H Sheridan; 5 pl fix; 3 gas op.

349 11th St; owner, James Ross; contractor, Durant; 1 gas op.

422 29th Ave; owner, L Lewis; contractor, O Hanson; 1 pl fix; 2 gas op.

2257 E 14th St; owner, Harry; contractor, O Hanson; 2 pl fix; 4 gas op.

1022 Webster St; owner, ...; contractor, Durant; 2 gas op.

3232 Foothill Blvd; owner, J Loggio; contractor, P H Blake; 2 pl fix.

Electrical Permits

SAN FRANCISCO

9025 229 Bridgeview; owner, Kolsberg; contractor, Arc Electric; 13 outlets; 11 switches; 13 plugs.

9026-33 1000-08-14-20-26-32-38-44 Girard St; owner, Becher; contractor, Arc Electric; 13 outlets; 12 switches; 12 plugs.

9034 Randolph & Head Sts; owner, Sterling Building Co; contractor, Arc Electric; ....

9035 230 Bridgeview; owner, Kolsberg; contractor, Arc Electric; ....

9036 San Luis and San Diego; owner, Alemany Constr Co; contractor, Arc Elec Co; ....

9037 S Garfield 25 E Ralston; owner, Thorinson; contractor, Arc Elec Co; ....

9038 1717 Lincoln Way; owner, Muny; contractor, Bertrand Electric Co; ....

9039 1727-29 Pine St; owner, Redford; contractor, Bertrand Elec Co; 8 plugs.

9040-54 Various locations and owners; contractor, Apex Elec Co; signs.

9055 58 2nd St; owner, Nathalie Nicoll; contractor, Atlas Elec and Engrg Co; 30 outlets; 5 switches; 18 plugs; motors.

9056 8th and Irwin; owner, Standard Oil Co; contractor, Atlas Elec & Eng Co; ....

9057 1147-49½ Mission St; owner, California Bldg Mtce; contractor, G Vaccarino; 30 outlets; 14 switches; 12 plugs.

9058 1471 24th Ave; owner, ...; contractor, Robert Bon; 2 plugs.

9059 155 Sansome; owner, S F Stock Exchange; contractor, H S Tittle Co; 53 outlets; 20 switches; 33 plugs.

9060 516 Sutter; owner, Dr Geo Heppner; contractor, Lynch Elec Co; alterations.

9061 1018 Market; owner, Mayflower Doughnut Co; contractor, Lynch Elec Co; ....

9062 2401 Chestnut; owner, Jos Bush; contractor, Lynch Elec Co; alterations.

9063 450 Sutter St, Suite 1219; owner, S B Paul, MD; contractor, G E X-Ray; ....

9064 50 Hilritas St; owner, Brown; contractor, Eureka Elec; 9 outlets; 7 switches; 18 plugs.

9065 1399 Post St; owner, Miller; contractor, Galvin Bros; ....

9066 1740 Fairfax; owner, Scott; contractor, Galvin Bros; 1 plug; 2 outlets; motors.

9067 250 Post St; owner, Gump's; contractor, Eureka Elec Co; alterations.

9068-72 1379-81, 1383-85, 1387-89, 1391-93, 1395-97 27th Avenue; owner, Pacific Coast Constr Co; contractor, Strom & Smith; 19 outlets; 24 plugs; 16 switches.

9073-4 2216-18, 2222-24 Judah St; owner, Pacific Coast Constr Co; contractor, Strom & Smith; 23 outlets; 20 switches; 28 plugs.

9075 3655 Taraval; owner, Tignard contractor, Strom & Smith; 13 outlets; 5 switches; 2 plugs.

9076-78 1944-50-60 15th Avenue; owner, Doelger; contractor, Richmond Elec; 10 outlets; 10 switches; 10 plugs; service.

9079-81 1796, 1810-16 16th Avenue; owner, Doelger; contractor, Richmond Elec; 10 outlets; 10 switches; 10 plugs; service.

9082 1659 10th Ave; owner, Hallgren; contractor, Richmond Electric; 10 outlets; 9 switches; 14 plugs; service.

9083 1183 Potrero Avenue; owner, Oliveria; contractor, Weber-Conroy; 4 outlets; 2 switches; 2 plugs.

9084 437 Turk St; owner, Tillman; contractor, Columbia Elec; 6 outlets; 3 switches; 2 plugs.

9085 1203 Vicente; owner, Pine Lake Market; contractor, Columbia Elec; 1 outlets; 1 switch; 1 plug; motors.

BERKELEY

649 1740 University; owner, Western Electric (lessee); contractor, Aarvaks Heating; 1 motor.

650 1122 University; owner, C B Bennett; contractor, Watson Electric; 7 fixtures.

651 275 Alvarado Rd; owner, Walcott; contractor, Pacific Electric Motor; range.

652 701 Camella; owner, California Lumber Co; contractor, Pacific Electric Motor; 48 outlets; 4 fixtures; 4 plugs; 26 motors; 1 transformer.

653 2484 Telegraph; owner, ...; contractor, El Cerrito Electric; 16 outlets; 9 switches; 8 plugs; 4 circuits.

654 45 Whitaker; owner, ...; contractor, El Cerrito Electric; range.

655 3018 Mabel; owner, J M Walker; contractor, El Cerrito Electric; 9 fixtures.

656 2719 Mathews; owner, J M Walker; contractor, El Cerrito Electric; 9 fixtures.

657 1428 Derby; owner, J M Walker; contractor, El Cerrito Electric; 9 fixtures.

658 1721 Hearst; owner, A L Ginnett; contractor, El Cerrito Electric; 5 fixtures.

659 2429 Eighth; owner, M Souza; contractor, El Cerrito Electric; 5 fixtures.

660 2885 Shasta Rd; owner, Curtis Smith; contractor, El Cerrito Electric; 8 fixtures.

661 1628 Derby; owner, J M Walker; contractor, El Cerrito Electric; 9 fixtures.

662 1612 Dwight Way; owner, K Get Lee; contractor, El Cerrito Electric; 2 fixtures.

663 1045 Creston; owner, J P Thomas; contractor, El Cerrito Electric; 2 outlets; 2 switches; 3 fixtures; 4 plugs; 1 circuit.

664 1914 Oregon; owner, J M Walker; contractor, El Cerrito Electric; 10 outlets; 10 switches; 13 plugs; 3 circuits.

665 1034 Keith; owner, Ruth Van Pelt; contractor, El Cerrito Electric; 10 outlets; 14 switches; 10 plugs; 3 circuits.

666 2013 University; owner, Woods Tire Co; contractor, Western Neon; heater.

667 2367 Telegraph Ave; owner, L Blake, lessee; contractor, U C Electric; new service.

668 2379 Telegraph; owner, ...; contractor, U C Electric; 1 outlet; 1 fixture; 3 plugs; motors.

OAKLAND

35732 840 7th Ave; owner, T Lum; contractor, Electric Novelty Shop; 1 switch; 5 fixtures; 3 plugs; alterations.

35733 224 8th St; owner, F Gottsteim; contractor, Spott; service.

35734 1301 E 14th St; owner and contractor, Fluro Electric Co; outlets.

35735 3351 Guido R; owner, Johnson; contractor, Collins Electric Co; outlets; switches; fixtures; plugs.

35736 220 Crossroads; owner, Hendrickson; contractor, Collins Elec Co; outlets; switches; fixtures; pl.

35737 15th and Broadway; owner. Roos Bros; contractor, Scott-Buttner; outlets; switches; fixtures; pl.

35738 460 Jean St; owner, Joseph Fabry; contractor, Matson Electric Equip; new service.

35739 9911 Empire Road; owner, Nelson & Rugg; contractor, Johnston Elec; outlets; switches; fixtures; pl.

35740 3825 Howe St; owner, Hamilton; contractor, Piedmont Electric Co; 4 outlets; 4 switches; 4 plugs.

35741 1929 35th Avenue; owner, Kroski; contractor, A L Solari; 8 outlets; 6 switches; 9 plugs.

35742 14th and Broadway; owner, Amhurst Co; contractor, T L Rosenberg; 3 plugs.

35743 149 Franklin Street; owner, Royal Hand Print; contractor, T L Rosenberg Co; outlets; motors.

35744 NE Cor 18th and Peralta; owner, Oliver Tire Cap; contractor, T L Rosenberg Co; plugs.

35745 NE Cor 19th and Dennison; owner, Texas Oil Co; contractor, T L Rosenberg Co; 1 plug.

35746 808 Broadway; owner, Simons Hardware Co; contractor, T L Rosenberg Co; 4 outlets; 4 fixtures.

35747 429 Castro St; owner, Moreles; contractor, T L Rosenberg; motors; service.

35748 6009 Avenal Ave; owner, A L Brandon; contractor, T L Rosenberg Co; 2 outlets; 2 fixtures; 2 pl.

35749 Hobart and Broadway; owner, Sherman & Clay; contractor, C A Langlais Co; outlets; switches; fixtures; plugs.

35750 665 Wala Vista; owner, Special Owner; contractor, Insley J Brain 2 outlets; 2 switches; 10 fixtures.

35751 6608 E 14th St; owner, W Khorn; contractor, Larry E Chapman; 2 outlets; 2 fixtures; 1 plug.

35752 3605 San Pablo Ave; owner, Hank Lou's Cafe; contractor, Spott Elec; new service.

35753 1676-A 7th St; owner, Precisely Liquor Store; contractor, Spott Electric; outlets; fixtures; plugs.

35754 1726 San Pablo; owner, California Furniture Co; contractor Spott Electric; fire job.

35755 NW Cor 8th and Harrison; owner, Lynn's Warehouse; contractor, California Electric Co; 10 outlets; 10 fixtures; 1 motor.

Engineering Section

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Misc. Supplies & Materials	42
Machinery and Equipment	43

42— MISC. SUPPLIES AND MATERIALS

2/26/46 • 42
BIDS WANTED

SAN FRANCISCO—Until March 6, 2 P. M., bids will be received by the U. S. Treasury Department, 821 Market St., San Francisco, for materials as follows:

Inv. SF-2826-46, aluminum kitchenware, f.o.b. San Francisco.

Inv. SF-2827-46, kitchenware, f.o.b. San Francisco.

BIDS WANTED

SAN FRANCISCO—Until March 12, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver 2, Colo., under Inv. 18,676-A for furnishing Southern yellow pine ,Western red cedar, lodgepole pine or Douglas fir poles, f.o.b. shipping point and/or Glendive and/or points between Glendive and Miles City, Mont.

Specifications obtainable from the above office.

2/26/46 • 42
BIDS WANTED

SAN FRANCISCO—Until March 11, 2 P. M. bids will be received by the U. S. Forest Service, 447 Sansome St., San Francisco 11, under Inv. 371 for sale of used unserviceable automotive parts and assemblies located at Stockton.

2/26/46 6 42
BIDS WANTED

SAN FRANCISCO—Until March 8, 3 P. M., bids will be received by the Purchaser of Supplies, City Hall, under Bid No. 3497 for furnishing and delivering 3500 trolley ears and 350 splicing ears for the Municipal Railway.

Specifications obtainable from the above office.

2/26/46 • 42
CONTRACT AWARDED

PARADISE, Butte Co., Calif.—California Corrugated Culvert Co., 7th and Parker, Berkeley, at $28,084.31, submitted low bid and awarded contract by the board of directors at the office of the Paradise Irrigation District, Paradise, for spiral welded pipe, fabricated, tested, dipped and wrapped in 40-ft. lengths, ends belled for field welding, asphalt dipped and wrapped with 23½-lb. asbestos pipeline felt.

Western Pipe & Steel Co., San Francisco, at $29,360.70, submitted only other bid.

2/26/46 • 42
BIDS WANTED

PORTLAND, Ore.—Until March 7, 12 Noon, bids will be received by the Spokane, Portland & Seattle Railway Co., G. R. Williams, purchasing agent, 1133 American Bank Bldg., Portland, for furnishing 50,000 crossties.

2/26/46 • 42
BIDS WANTED

PARKER DAM PROJECT, Ariz.-Calif—Until March 20, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1207 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Earp, Calif., the hollow metal doors, complete with transoms, rough bucks, thresholds as required in door schedule; cabinet jambs, trim, hardware, including door closers, calking material and all other accessories necessary for the complete installation of the doors in the Parker power plant, Parker Dam Power Project, Arizona-California. The doors will be installed by the government. No charge for copies of the specifications to prospective bonda fide bidders; to others, $0.75, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colo.

2/26/46 • 42
BIDS OPENED

SACRAMENTO, Calif.—The following submitted bids to the state purchasing agent, Sacramento, under Quo. 36172, Req. 76208, for materials as follows:

John J. Swigert, $2.68 on each item; awarded.

Sully-Miller Contracting Co., $2.75 on each item; net.

Pacific Rock & Gravel Co., $3.15 on each item; discount 2 per cent 20th.

2/26/46 • 42
BID OPENED

SAN FRANCISCO.—U. S. Pipe & Foundry Co., Monadnock Bldg., San Francisco, at (1) $109 per ton, (2) $86.25 per ton, delivery 130 days, submitted only bid to the purchaser of supplies, City Hall, for cast iron pipe.

2/26/46 • 42
BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the purchaser of supplies, 270 City Hall, under Bid No. 3472 for wood patterns:

C. J. Hooper Pattern Works, (1) $315, (2) $330, (3) $387.50, (4) $225, (5) $215, (6) $378.50, (7) $121.50, (8) $122.50, (9) $76.50, (10) $110, (11) $215, (12) $215, (13) $75, (14) $185; delivery 30 to 90 days.

United Pattern Works, (1) $300, (2) $335, (3) $375, (4) $180, (5) $250, (6) $375, (7) $110, (8) $110, (9) $95, (10) $100, (11) $225, (12) $225, (13) $85, (14) $175; 90 days' delivery.

Yuba Manufacturing Co., (1) $518, (2) $591, (3) $664, (4) $791, (5) $547, (6) $619, (7) $298, (8) $243, (9) $155, (10) $488, (11) $495, (12) $525, (13) $168, (14) $254; 75 days' delivery.

Sparrowes Pattern Shop, (4) $198, (5) $390, (7) $230, (8) $220, (9) $105, (13) $95, (14) $170; 62 days' delivery.

2/26/46 • 42
BIDS OPENED

SAN FRANCISCO.—The following submitted bids to M. H. Gerry, purchaser of supplies, Room 270 City Hall, San Francisco, under Bid No. 3469 for furnishing and delivering to the San Francisco Water Department warehouse at Millbrae, Calif., 3-in., 6-in., 8-in., 24-in., 30-in. and 48-in. flanged gate valves.

Crane Co., (a) $8925.52, (b) $9210.54, (ab) $18,136.06, plus sales tax; 2% 10th prox.; 140 days' delivery.

Chapman Valve Manufacturing Co., (a) $9529.75, (b) $12,259, (ab) $21,788.75, plus sales tax; 2% 10 days; 120 days' delivery.

2/26/46 • 42
BIDS OPENED

SAN FRANCISCO.—Western Pipe & Steel Co., 200 Bush St., San Francisco, at $477.56, submitted low bid to the U. S. Indian Irrigation Service, 647 Phelan Bldg., San Francisco, under Inv. 7-46 for corrugated galvanized iron pipe, connecting bands and metal slide gates, f.o.b. Elko, Nev., as follows:

(1) 4 each 24-in. metal slide headgates, 5-ft. frame with 16-ft. of corrugated glavanized iron pipe attached, 16-gauge;
(2) 4 each 24-in. corrugated galvanized iron pipe, 16-gauge, 20-ft. lengths;
(3) 4 each connecting bands for the above pipe;
(4) 2 each 18-in. metal slide headgates, 4-ft. frame with 12-ft. of corrugated galvanized iron pipe, 16-gauge, attached.

Complete bids follow:

Western Pipe & Steel Co., (1) $62.45, (2) $34.80, (3) $2, (4) $40.28; total, $477.56.

Amco Drainage & Metal Products Co., (1) $67.78, (2) $42.20, (3) $2.02, (4) $44.49; total, $536.98.

43— MACHINERY AND EQUIPMENT

2/26/46 • 43
BIDS WANTED

BOULDER CANYON PROJECT. Arizona - California - Nevada — Until March 27, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1208 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Boulder City, Nev., two 24-inch jet pumps for unwatering sumps at the Boulder Power Plant, Boulder Canyon Project, Arizona-California-Nevada. The material will be installed by the government. No charge for copies of the specifications to prospective bona fide bidders; to others, $0.75, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colo.

2/26-46 • 43
BIDS WANTED

PORTLAND, Ore.—Until March 4, 1:30 P. M., bids will be received by the Bonneville Power Administration, 1300 NE Union Ave., Portland 2, under Inv. 3601 for furnishing six oil storage tanks, 10,000-gallon capacity, above ground, fob Snohomish, Wash., and/or shipping point.

Specifications obtainable from the above office.

2/26/46 • 43
COMPLETE BIDS

CENTRAL VALLEY PROJECT, California.—The following submitted bids to the chief engineer, Bureau of Reclamation, Denver, Colo., under Spec. No. 1150 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Coram, Calif., at the option of the bidder, three motor-operated valve-drive mechanisms and accessories for operating three 57-inch butterfly valves now installed in the spillway section of the Shasta Dam, Kennett Division, Central Valley Project, California:

Pacific Coast Engineering Co., f.o.b. Alameda, $8400 (15,000 lbs.).

Monarch Forge & Machine Works, f.o.b. Portland, $8435 (18,000 lbs.).

Joshua Hendy Iron Works, f.o.b. San Francisco, $8657 (15,000 lbs.).

Harding Manufacturing Co., f.o.b. York, Pa., $10,960 (1600 lbs.).

Willamette Iron & Steel, f.o.b. Portland, $11,288 (18,400 lbs.).

Western Gear Works, f.o.b. Seattle, $11,475 (14,100 lbs.).

Consolidated Steel, f.o.b. Los Angeles, $11,798 (14,800 lbs.).

United Engineering Co., f.o.b. San Francisco, $14,355.49 (9900 lbs.).

Official Proposal

Pro. No. 1714—Lead Covered Cable

NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512—16th Street, Oakland, California, until 5:30 P. M., Wednesday, March 6, 1946, and will at that hour be opened for furnishing approximately 2,000 Lin. Ft. of LEAD COVERED CABLE, as per specifications.

Proposal No. 1714 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL READ,
Secretary.

Oakland, California.
February 21, 1946.
(Daily Pacific Builder)
(February 26, 1946)

Pro. No. 1716—Welded Steel Pipe

NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512—16th Street, Oakland, California, until 5:30 P. M., Wednesday, March 6, 1946, and will at that hour be opened for furnishing approximately 120 Lin. Ft. of 42-inch I. D. WELDED STEEL PIPE, as per specifications.

Proposal No. 1716 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL READ,
Secretary.

Oakland, California.
February 21, 1946.
(Daily Pacific Builder)
(February 26, 1946)

Pro. No. 1717—16-in. Dresser Pipe Couplings

NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512—16th Street, Oakland, California, until 5:30 P. M., Wednesday, March 6, 1946, and will at that hour be opened for furnishing approximately 100 16-inch DRESSER PIPE COUPLINGS, as per specifications.

Proposal No. 1717 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL READ,
Secretary.

Oakland, California.
February 21, 1946.
(Daily Pacific Builder)
(February 26, 1946)

FIRST PUBLISHED TODAY

Construction of New Road Across Berkeley Campus of U. of C.

ADVERTISEMENT FOR BIDS

Subject to conditions prescribed by the undersigned, sealed bids are invited for construction of new road between Piedmont Avenue and La Loma Avenue and Hearst Street across the Berkeley campus of the University of California. A deposit of $10.00 is required for plans and specifications. No bids received after 2:00 P. M., Monday, March 11, 1946. For plans and information, call at, or address the Cashier's Office, 103 Administration Building, University of California, Berkeley 4, California. The right to reject any and all bids is reserved.

THE REGENTS OF THE
UNIVERSITY OF CALIFORNIA
(Daily Pacific Builder)
(February 26, March 1, 5, 1946)

Classified Advertising

POSITION WANTED

CONSTRUCTION SUPT., PROJECT MANAGER, age 35; engineering background; veteran; heavy construction, utilities and earth-moving. Reply Box 226, c/o Daily Pacific Builder. to 2/28/46

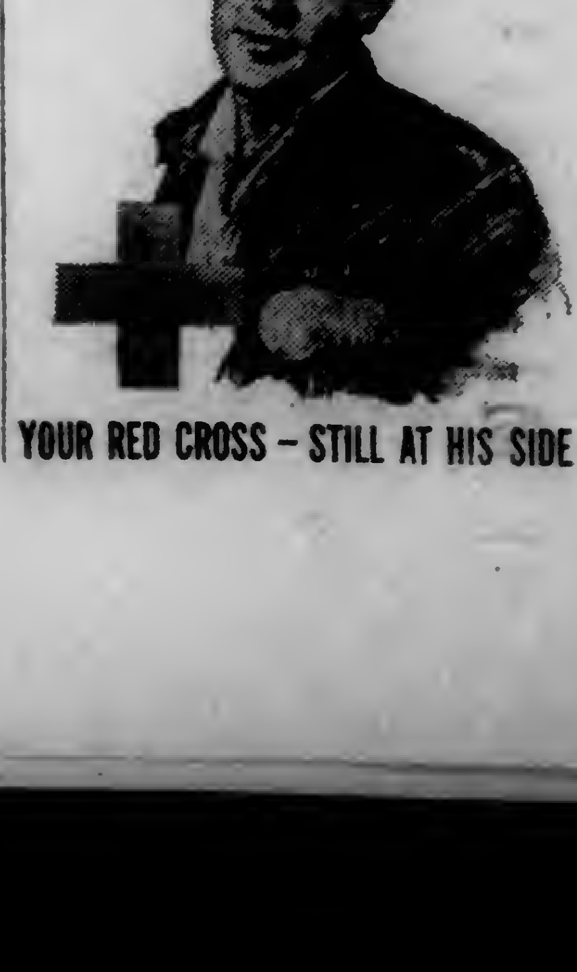
DRAFTSMAN, SENIOR, would like part-time work or partner for ready cut and built specialties. E. Carroll, 526 South 11th St., San Jose. Phone BALLARD 8052-W. 2/21-25-26/46

HELP WANTED

EXPERIENCED ENGINEER. Municipal experience preferred. Salary $300 per month. Apply at Personnel Department, Room 215, City Hall, City of Stockton, Stockton, California. 2/26-27-28, 3/1-4/46

JR. ARCHITECTURAL DRAFTSMAN, 2 to 3 yrs. exp. Phone HE. 5904, Painting Division, for appointment. American Building Maintenance Co., 16th and Vermont Sts., S. F. to Mar. 1, '46

QUANTITY SURVEY MAN for General Bldg. Construction. Must have initiative and good background. Permanent position. Salary open. A. Farnell Blair Co., Inc., 9 Main St., San Francisco. Phone YU. 0390. 2/21-25-26-27-28/46


TAKE CARE OF THEM
YOUR RED CROSS – STILL AT HIS SIDE

CALIFORNIA

1890 - 1946
Fifty-six
Years of
Service

Daily Pacific Builder

LARGEST CONSTRUCTION DAILY IN THE WEST

Complete
Building and
Engineering
News Service

Fifty-sixth Year—Vol. 56—No. 40 SAN FRANCISCO, WEDNESDAY, FEBRUARY 27, 1946 PRICE 15 CENTS PER COPY

PLANS and Speculations

Monterey: Plans for a $45,000 to $50,000 street improvement job which would provide a permanent concrete paving for the Alvarado Street extension, from Fishermen's wharf to the Presidio curve were discussed at last week's meeting of the city council. Permanent surfacing of the Scott Street extension and Washington Street north of Del Monte Avenue is also contemplated. Bids will be asked as soon as the rainy season ends.

oOo

Visalia: A resolution urging the 1946-47 appropriation for Friant-Kern canal construction be increased from the currently asked $5,000,000 to $12,500,000 to insure enough funds for completion of the project, was passed at a meeting in Visalia of the Tulare County Water Commission and Tulare County Board of Supervisors in joint session last week.

oOo

Kern County: All explorations necessary to determine the type and characteristics of a structure necessary to provide 550,000 acre feet of water storage at the Isabella dam site on the Kern river have been completed, but research is continuing to obtain precise information on engineering details, according to Col. Lester F. Rhodes, district engineer for the United States engineers office in Sacramento. Present crews are testing soils on the site to determine the best source for impervious fill materials. Remaining to be solved is the best way to handle the problem of the Boral canal that flows through the project area.

oOo

Reno, Nevada: Voters at Reno's school election will give their undivided attention March 2 to the important vote on the proposal to issue $1,500,000 in bonds for the purpose of building a new high school, a new grammar school, and other improvements in Reno.

oOo

Gridley: The city of Gridley will use its share of the $90,000,000 appropriation of state funds to cities and counties in the financing of a sewer project estimated to cost in the neighborhood of $65,000. The city's share of the state fund has been estimated at $20,955.

oOo

Columbia Basin Canal Bids To Be Opened March 12

Bids on the first construction work on the canal system of the Columbia Basin project will be opened at Coulee Dam on March 12, according to an invitation to bidders issued by Chief Engineer Walker Young of the Bureau of Reclamation.

The work will be done in the vicinity of Stratford and Adrian, Wash., and its major items will be approximately 1,700,000 cubic yards of earth excavation, 340,000 cubic yards of rock, 100,000 station cubic yards of overhaul, and 300,000 cubic yards of compacting embankments. Bids are to cover the furnishing of labor and material and the performing of all work for the construction of earth work on about 35,000 feet of main canal. Some material will be furnished by the government. Copies of the standard bid forms and of the specifications can be obtained by bidders from Supervising Engineer Frank A. Banks, at Coulee Dam, Wash.

The work is to be commenced within 30 calendar days after the successful bidder receives notice to proceed, and is to be completed within 750 calendar days after the receipt of such notice.

This marks the beginning of a construction program which will ultimately require, in the construction of the water-distributing system of the Columbia Basin Project, a greater number of man-hours than were expended on the construction of the Grand Coulee Dam. This construction program will, in time, bring water to 17,000 family-size farms in the million-acre semiarid area to be irrigated.

Three areas are to be irrigated initially One northeast of Moses Lake, one near Quincy, and a third near Pasco, to be served by local pumping until the main canal system is extended to that section.

Coyote Lake To Be Stocked With Bass

Another effort to provide a potential new sportsmen's area will begin early in April, when Coyote Lake, five miles from Gilroy, will be stocked with large-mouth bass, it was announced today by Mayor George Milias of Gilroy, who heads a special subcommittee of the California State Chamber of Commerce's Central Coast Council, at work on the project.

Stock for Coyote Lake planting will be taken by the State Division of Fish and Game from a lake in the Los Gatos Creek drainage basin owned by the California Water Service Company. The first planting will be sufficiently large to provide necessary brood stock, Mayor Milias stated.

Coyote Lake in southern Santa Clara copunty, is easily accessible to sportsmen. It covers 30,000 acres and is one of the principal storage reservoirs in the Santa Clara County Water Conservation District. Research has indicated the lake to be ideal for development of (large-mouth bass for sportsmen's fishing.

Editor's Note.—While the foregoing news has no connection with construction activities, the "Builder" has every reason to believe the local construction industry can boast that the best (?) fishermen on earth can be found within its ranks.

#

Newly Created Maritime Division To Handle Sales

The newly created Division of Terminals and Real Estate will handle all matters with respect to the disposal of surplus shipyards and marine industrial real property, the U. S. Maritime Commission announced. Howard Marsden has been appointed Director.

The Contract Settlement and Surplus Materials Division will continue to be responsible for inventory, records, and control of surplus ships' materials and the Director of Construction will remain responsible for the care and preservation of shipyards. The Shipyard Disposal Committee has been abolished.

Financial, Industrial Leaders Warn Against Investment In Unwarranted New Hotels

Financial and industry leaders warned the American Public against investments in unwarranted new hotels such as wiped out the savings of countless investors after the unbridled hotel building boom which followed World War I.

At that time, hotel occupancy closely paralleled the near-capacity levels of today. Hundreds of new hotels were constructed thruout the nation but within a relatively short time the encouraging aspects disappeared with the collapse of business volume, property values and security prices.

The warnings were sounded by J. E. Frawley, President, American Hotel Assn.; Arthur S. Kleeman, President, Colonial Trust Co., New York City; J. B. Herndon, Vice-President, Hilton Hotels of America, Inc.; and Frank L. Andrews, Chairman, Public Relations Committee, American Hotels Association.

Mr. Frawley, of Detroit, contended that many cities need properly planned and wisely financed hotels. He emphasized that present national hotel occupancy of 90 per cent is abnormal and not a valid barometer for the future. He said: "By the time the new hotels could be completed, the unprecedented volume of guests created by wartime conditions, such as military and government ravel, will have receded to the point where unwarranted new construction might easily lead to a recurrence of the financial catastrophe which followed World War I.

Industry Now Profitable, Says Frawley

Reporting that the county's five billion hotel industry in the war years operated at a fair profit for the first time since the '20's, Frawley emphasized that it took world conflict to bring the condition about. He added: "Without the full facts, snap judgment might decree that the hotel industry faces a bright future. It faced equally as rosy a future after the last war, but without finding the facts, people invested their money and the worst happened."

Yardsticks for measuring the need of a new hotel included a warning from Kleeman. He said: "A community should be studied to decide whether it can profitably support a new hotel in normal times."

The new hotel project should be appraised in terms of 30 to 40 years, not five or ten, said Andrews.

It was pointed out that a new hotel project should be evaluated as a business, not a parcel of real estate.

The group offered three suggestions, "which, if adhered to, might prevent a poor investment in hotel bonds or properties." It recommended that the last drop of water be squeezed from the financing before the hotel is ready for operation; the plans and specifications should be prepared and supervised by experienced hotel architects; and the finest operating management and accountants should be retained for guidance through every step of the planning, financing, building and on through the management of the business.

Operating Costs Up

Pointing out that prewar hotels reached the "break-even" point where fixed capital charges and operating costs were covered when occupancy reached 65 per cent of capacity, Frawley disclosed that currently the "break-even point is over 80 per cent and is going up as a result of price ceilings on one hand and increased operating costs on the other. Government figures show hotel payrolls are up 68 per cent over 1939", he said.

Kleeman Reports Bankers' Attitude

Stating that banks and bankers had learned their lesson and would not enter into hotel financing until the project was thoroly studied. Kleeman reported that by 1928 comparatively few hotels showed six per cent return on their investment, yet in each year from 1927 through '30 an average of $130 million was invested in new hotels.

"The result," said Kleeman, "was that by 1932, 81 per cent of the nation's hotels — new, old, large, medium and small — went into bankruptcy, reorganization and

(Continued on Page Four)

J. E. MACKIE DIES IN ACCIDENT

Funeral services for J. E. Mackie, well-known structural engineer and western manager for the National Lumber Manufacturers' Assn., will be held today, February 27, at 11:00 a. m., at the parlors of Lanyg and Tinney, 717 Jefferson Avenue, Redwood City. Mr. Mackie was killed in a traffic accident on February 21.

A member of the Structural Engineers Association of Northern California, Mr. Mackie was also active in Oregon.

GROOVER AND I

ALUMINUM SOUFFLE

One of the larger Aluminum Companies has just run a national advertisement which gives ground for thought. The ad. states in part:

★ ★ ★

". . Pick it up . . In your bare hands . . Anything made of aluminum . . A sauce pan. . . You're not touching aluminum, you never have, never will. . . Aluminum is constantly covered with the thinnest of thin "skins" called Aluminum Oxide. . . . You can try to scrape it off but it doesn't make any difference. . . It starts to re-form immediately . . . In a split second. ."

★ ★ ★

During the past quarter century, the use of aluminum cooking vessels has become almost universal. It is probably safe to say that EVERY family uses SOME aluminum vessels and utensils in the kitchen.

★ ★ ★

Does not the stirring, scraping, boiling, and frying, incident to cooking, scrape off some of this aluminum oxide?

★ ★ ★

If so, it is true that only minute particles of aluminum are involved at any one time, but what is the effect of a small but contant intake of aluminum oxide over a long period of years?

★ ★ ★

Does the body pass this off or is it absorbed by the blood? Are our veins and arteries aluminum-lined? Is this a cause of squeaky joints, high blood pressure, and the death by strokes of people who should live longer, people in the 48-54 year age bracket? If aluminum oxide is cumulative in the body, has it anything to do with the prevalence of cancer?

★ ★ ★

Has any authoriative medical research been done on this question?

★ ★ ★

These are just questions occurring to an amateur cook of the iron-skillet school.

Better Planning Urged For New War Memorials

Warning to avoid the mistakes contained in war memorials built after World War I has been sent in a letter to all California Veterans organizations by the Association of Landscape Architects who have completed a survey of war memorials and discovered many of them neglected, forgotten and decayed.

"True to custom and the temperament of the American people, most communities, cities and states will seek to memorialize the dead and living who fought for freedom and a permanently peaceful new world," the letter states.

"We are sure you will agree with us that there are in existence today many war memorials which were ill-conceived and misplaced. They are now neglected and forgotten, their original concept and purpose lost in the passing of time."

Four suggestions are offered by the group as the best approach to the problem:

(1) Decide on the type of war memorial most desired, after thoro preliminary analysis and unbiased judgment. Both majority and minority local groups should be heard.

(2) Examine into its fitness with relation to plans of the local planning commission and other related public bodies. Seek proper official approval and adopt method of financing.

(3 Engage competent professional designers, working in collaboration with local committee for continuous consultation, technical recommendations and for actual designs and plans.

(4) Provide for adequate upkeep and maintenance in the form of endowment and other practical means.

Chairman of the architects' committee of war memorials is Thaddeus M. Grabow, McLaren Lodge, Golden Gate Park, San Francisco.

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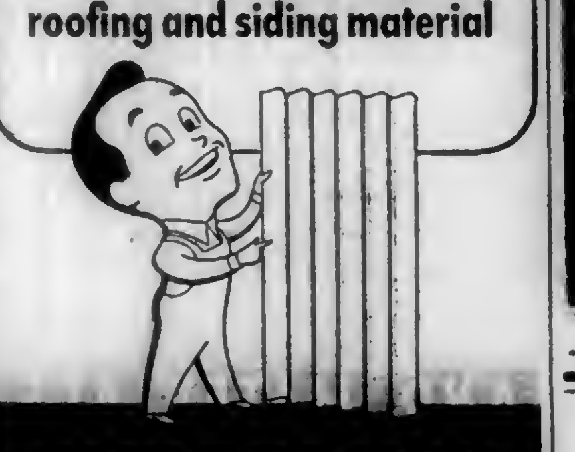

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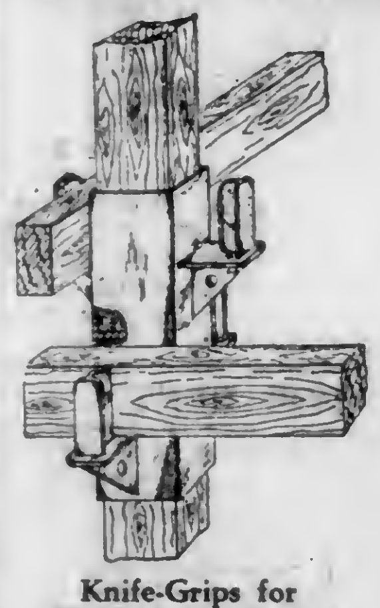

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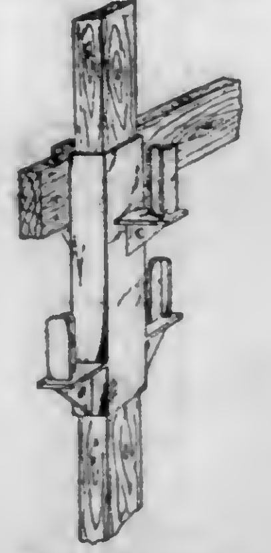

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DAILY PACIFIC BUILDER

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Issued Every Morning, Except Saturday, Sunday and Legal Holidays

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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1-8—COMMERCIAL BLDGS.

2/27/46 • • 2
CONTRACT AWARDED
GARAGE AND SALES BLDG.
Contract Price, $45,800
MILL VALLEY, Marin County, Cal. Cor. Blithedale and Sycamore Sts.
Construction of 1-story concrete and wood garage and sales building (10,000 sq. ft.) and steel service station.
Owner—Tamalpais Motor Sales Co., Oliver Sollom, Ford Motors Agent, Mill Valley.
Architect — Winfield H. Hyde, 706 Butler Bldg., Stockton and Geary Streets, San Francisco.
Contractor—De Luca & Son, 1745 Filbert St., San Francisco.

2/27/46 9
PREPARING
PRELIMINARY PLANS
SCHOOL BUILDING Cost, $30,000
SONOMA COUNTY, Calif.
Construction of new school building and auditorium.
Owner—Dunbar School District, Sonoma.
Architect—J. Clarence Felciano, 4010 Montecito Avenue, Santa Rosa.

2/27/46 4
PRELIMINARY
PLANS COMPLETED
MEDICAL DENTAL BLDG.
Cost, $20,000
SAN LEANDRO, Alameda Co., Calif.
Construction of 1-story wood frame medical dental bldg.; composition roof, linoleum floors, etc.
Owner—Dr. C. L. Hoffman.
Architect—J. Clarence Felciano, 4010 Montecito Avenue, Santa Rosa.

2/27/46 7
WORK UNDER WAY
MARKET Cost, $55,000
FAIRFAX, Marin Co., Calif. Sir Francis Drake highway at Kent Avenue.
Construction of Pastori Food Market Hadite construction (52x107).
Owner—Aug. Foglia, 1590 Sir Francis Drake Blvd., San Anselmo.
Contractors — Joe Morani and Joe Snell, 58 Marina Blvd., San Rafael.

2/27/46 4
PREPARING PLANS
OFFICE BLDG.
RICHMOND, Contra Costa Co., Cal. SE Cor. Macdonald Ave. and 12th Street.
Construction of a second story to the Water Wolff building.
Owner—Walter Wolff, SE. cor. Macdonald Ave. and 12th St., Richmond

2/27/46 • 3
CONTRACT AWARDED
REMODEL BLDG. Cost, $62,000
STOCKTON, San Joaquin Co., Calif. 117 S. Center St.
Remodel building.
Owner—Centromart, Inc., Stockton.
Engineer—Engineering Service, Elks' Bldg., Stockton.
Contractor—Geo. Pollock Co., Forum Bldg., Sacramento.

2/27/46 • 3
CONTRACT AWARDED
WAREHOUSE Cost, $80,000
STOCKTON, San Joaquin Co., Calif. 40 W. Market St.
Construction of two-story warehouse.
Owner—Centromart, Inc., Stockton.
Engineer—Engineering Service, Elks' Bldg., Stockton.
Contractor—Geo. Pollock Co., Forum Bldg., Sacramento.

2/27/46 • 8
BIDS POSTPONED UNTIL
MARCH 12, 3 P. M.
STORE ADDITIONS
SAN FRANCISCO. Lincoln Building, 867 Market St.
Escalator and elevator additions to store building.
Owner—Hale Bros., 867 Market St.
Architect—William G. Merchant, 57 Post St.

Bid opening date postponed from March 5.

The following contractors have taken out plans:

H. H. Larsen Co., 64 South Park, San Francisco.

McDonald, Young & Nelson, 127 Montgomery St., San Francisco.

Dinwiddie Construction Co., Inc., 210 Crocker Bldg., San Francisco.

2/27/46 • • 7
CONTRACT AWARDED
MARKET AND STORE BLDG.
Contract Price, $73,700
MILL VALLEY, Marin County, Cal. Blithedale and Sycamore Streets.
Construction of one- and part two-story frame and stucco market and store building.
Owners—H. W. Johnson and H. T. Lenci, c/o architect.
Architect — Winfield H. Hyde, 706 Butler Bldg., Stockton and Geary Streets, San Francisco.
Contractor—De Luca & Son, 1745 Filbert St., San Francisco.

2/27/46 3
BID OPENED

SAN DIEGO, Calif.—The Kenneth Fraser Co., 1452 N. Lake Ave., Pasadena, at $12,998, submitted the only bid at the hour of opening to the U. S. Navy, Public Works Department, 11th Naval District, 1220 Pacific Highway, San Diego, February 20, for the furnishing of all necessary material and equipment and performing all labor for the installation of automatic wet pipe sprinkler systems and fire retarding partitions in each of the existing one-story frame buildings Nos. 74 and 108; Specification No. 17498.

2/27/46 • 4
PRELIMINARY PLANS
COMPLETED
MEDICAL-DENTAL BUILDING
Cost, $35,000
BERKELEY, Alameda County, Calif. Telegraph near Ashby.
Construction of two-story frame and stucco medical-dental office building, wood sash, linoleum floors, hot-air heating system, composition roofing.
Owner—Withheld.
Architect—J. Clarence Felciano, 4010 Montecito Ave., Santa Rosa.

2/27/46 • 4
PLANS BEING FIGURED
MEDICAL-DENTAL BUILDING
EUREKA, Humboldt Co., Calif.
Construction of one-story frame and stucco medical-dental office building to contain five medical suites and two dental suites; wood sash, linoleum floors, hot-air heating system, etc.
Owner—Withheld.
Architect—J. Clarence Felciano, 4010 Montecito Ave., Santa Rosa.

2/27/46 4
PLANNED
OFFICE BUILDING
REDDING, Shasta Co., Calif. Just inside Redding city limits on the south side of Eureka Way.
Construction of new office building and parking area.
Owner—State Division of Highways, Public Works Bldg., Sacramento.

2/27/46 • 4
WORKING DRAWINGS
COMPLETED
DENTAL BUILDING ADDITION
Cost, $25,000
RICHMOND, Contra Costa Co., Calif.
Construction of one-story wood frame and stucco dental building addition.
Owners—Drs. Rutledge & Fraser.
Architect—J. Clarence Felciano, 4010 Montecito Ave., Santa Rosa.

2/27/46 • 7
WORK UNDER WAY
FOOD PLANT Cost, $30,000
NAPA, Napa County, Calif. 1746 Yajome St.
Construction of frozen food locker plant (30x85 ft.).
Owners—M. W. Nelson, 451 Wilson St., and E. J. Brilee, Napa.
Contractor—Sam Geddes, 139 Homewood Ave., Napa.

2/27/46 • 2
WORK UNDER WAY
GARAGE BUILDING and DISPLAY ROOM Cost, $70,000
REDDING, Shasta County, Calif. Southeast corner Shasta and California Sts.
Construction of one-story masonry garage building (109x118 ft.), glass brick exterior, grey-green ceramic veneer, to house four-car display room, repair and service department, paint shop, body and fender and lubrication departments, oil-burner heating installation.
Owner—Karl M. Winetrout Motor Co., Shasta and California Sts., Redding.
Architect—Howard R. Perrin, Underwood Bldg., Klamath Falls, Ore.

2/27/46 • 8
FIRE LOSS

CAMPBELL, Santa Clara Co., Calif. —The Cambrian Hardware & Feed store owned by Frank Coombs, 92 N. 5th St., San Jose, was recently destroyed by fire at an estimated loss of $50,000.

2/27/46 6
COMPLETING PLANS

LONG BEACH, Los Angeles Co., Calif.—Robinson & McDowell, 2425 Gundry Ave., Long Beach, are completing plans for construction of two store buildings at Willow St. and Oregon Ave., Long Beach, for N. H. Stearns. They will be 60x130 and 50x100 feet in area, frame and stucco construction, trussed roofs, composition roofing, plate and structural glass fronts, cement floors; estimated costs, respectively, $40,000 and $25,000.

2/27/46 • 8
BIDS IN—HELD UNDER
ADVISEMENT
AUTOMOBILE AND APPLIANCE BUILDING
SAN FRANCISCO. Northeast corner Geary Blvd. and Blake St.
Construction of one-story reinforced concrete automobile and appliance sales and service building; work include excavation, concrete work, structural steel, carpentry, millwork, roofing, sheet metal work, porcelain enameled iron, misc. and ornamental steel and iron work, lathing and plastering, glass and glazing, painting, linoleum, auto hoists, gasoline tanks and pumps, electrical work, etc.
Owner—Harry Krieger & Son, c/o engineer.
Consulting Engineer—Hyman Rosenthal, 617 Montgomery St.
Architect—Theo. G. Ruegg, 617 Montgomery St.

Separate bids will be received for general construction, and plumbing and heating.

Bids are being held under advisement pending examination by the owners.

2/27/46 •
BIDS OPENED

SAN DIEGO, Calif.—The Jackson Painting Co., Los Angeles, at $6950, submitted low bid February 25 to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for exterior painting and miscellaneous repairs to the U. S. Post Office at San Diego.

Other bidders were:

Gayton Engineering Co., Huntington Park, $6980.

H. Hultgren, San Diego, $7247.

W. L. Sternaman, San Diego, $7335.

C. W. Schupp, San Diego, $8460.

Jess B. Worthington, San Diego, $8995.

J. H. Mohr, San Francisco, $9584.

Grohe, Inc., Decatur, Ill., $12,422.

9-10—EDUCATIONAL BUILDINGS

2/27/46 • 9
PREPARING PRELIMINARY PLANS
SCHOOL BUILDING Cost, $100,000
REDDING, Shasta County, Calif.
Construction of new school building to contain 10 classrooms, cafeteria, gymnasium and auditorium.
Owner—Redding Elementary School District, Redding.
Architect—J. Clarence Felciano, 4010 Montecito Ave., Santa Rosa.

2/27/46 • 9
BOND ELECTION
SCHOOL ADDITION Cost, $48,000
WOODSIDE, San Mateo Co., Calif. Greersburg Elementary School.
Construction of two additional classrooms.
Owner—The Greersburg Elementary School District, Woodside School, Woodside and Albion Rds., Woodside.
Architect—Hervey P. Clark, 210 Post St., San Francisco.

The district will vote March 26 on a proposal to vote bonds in amount of $48,000 to finance construction.

2/27/46 • 9
BOND ELECTION PLANNED
SCHOOL BUILDING Cost, $300,000
SPARKS, Washoe Co., Nev.
Construction of new high school building.
Owner—Sparks Board of Education, Proctor Hug, superintendent of schools, Sparks.
Architect—Not announced.

2/27/46 • 9
BOND ELECTION

NEVADA COUNTY, Calif. — The Union Hill School District of the County of Nevada will vote March 19 on a proposal to issue bonds in the amount of $18,000, proceeds to be used to finance construction of alterations and additions to school buildings.

2/27/46 • 9
PREPARING PRELIMINARY PLANS
SCHOOL ADN. Cost, $60,000
REDDING, Shasta County, Calif.
Construction of addition to West elementary school building.
Owner—Redding Elementary School District, Redding.
Architect—J. Clarence Felciano, 4010 Montecito Ave., Santa Rosa.

2/27/46 10
BIDS REJECTED

PORTLAND, Ore.—All bids submitted January 22 for construction of women's dormitory for Oregon State College were rejected as too high. Plans by Architects Glenn Stanton and Hollis Johnson, Concord Bldg., Portland.

E. E. Settergren, Henry Bldg., Portland, at (1) $948,490, (2) $988,790, submitted low bid on general construction.

2/27/46 9
PRELIMINARY
PLANS COMPLETED
SCHOOL ADDNS. Cost, $60,000
REDDING, Shasta County, Calif.
Construction of Magnolia Elm School addition of four classrooms; Cypress Elementary School addition of four classrooms, cafeteria and auditorium.
Owner—Redding Elementary School District, Redding.
Architect—J. Clarence Felciano, 4010 Montecito Avenue, Santa Rosa.

2/27/46 ¼
WORK UNDER WAY
AUTO AGENCY Cost, $44,000
VISALIA, Tulare Co., Calif. Northwest corner E. Main and Liberty Sts.
Construction of automobile building program to include concrete main building (50x100 ft.), display, salesroom and service departments, marquee and plate glass front.
Owner—D. O. Kinnie, Main and Liberty Sts., Visalia.

2/27/46 9
PLANNED
SCHOOL BLDG. Est. Cost, $25,000
WELLS, Elko County, Nev.
Construction of new high school and gymnasium.
Owner—Wells District School Board, Board of Trustees, Wells, Nev.

A bond election will be held by the Wells District School Board this fall in amount of $25,000 to finance construction.

2/27/46 9
BOND ELECTION
SCHOOL BLDG. Est. Cost, $40,000
WOODSIDE, San Mateo Co., Calif.
Construction of two new classrooms at Woodside School.
Owner—Woodside School District, W. W. Mein Jr., trustee, Woodside.
Architect—Hervey Park Clark, 210 Post St., San Francisco.

A bond election will be held March 25 by the Woodside School District to vote on a proposal to issue bonds in amount of $40,000.

11—HOSPITALS

2/27/46 11
PLANNED
HOSPITAL Est. Cost, $90,000
FALL RIVER MILLS, Shasta Co.
Construction of 22-bed modern hospital.
Owner—Dr. Thomas D. Wyatt, South Redding St., Redding.

A site will be selected immediately.

12-13—INDUSTRIAL BUILDINGS

2/27/46 •
PLANNED
DEPARTMENT STORE Cost $600,000
SAN LEANDRO, Alameda Co., Calif. Cor. Washington Ave. and Ward St.
Construction of three-story department store building with mezzanine and two elevators, to provide 33,000 sq. ft. of floor space.
Owner—J. C. Penney Co., 5th and Market Sts., San Francisco.
Architect—Not announced.

The present Herrscher building on the site will be razed.

2/27/46 • 12
PLANNED
PLANT ADDN. Cost, $100,000
OAKLAND, Alameda Co., Cal. 20th and Grove Streets.
Construction of plant addition.
Owner—Holt Mfg. Co., W. E. Holt, president, 20th and Grove Streets, Oakland.
Architect—Not Announced.

2/27/46 12
PLANNED
ALTER BLDG. Cost, $50,000
OAKLAND, Alameda Co., Cal. 2nd and Jackson Streets.
Construction of plant alterations.
Owner—Golden Brand Products Co., J. C. Molakides, president, 427 E 12th St., Oakland.
Architect—Not Announced.

2/27/46 12
PLANNED
WINERY
UKIAH, Mendocino Co., Cal. Ackerman Creek on Redwood Highway.
Construction of winery to have capacity of a million gallons.
Owner — Mendocino Grape Growers, c/o Municipal Clubhouse, Ukiah.
Architect—Not Announced.

2/27/46 12
PLANNED
PLANT
YUBA CITY, Sutter County, Calif.
Construction of walnut processing plant.
Owner — Sacramento Valley Walnut Growers' Assn., S. R. Hogan, Mgr., Live Oak.

A tentative site has been selected.

2/27/46 12
LOW BIDDER

ONTARIO, Ore.—Sound Construction & Engineering Co., 1403 W. 45th St., Seattle, Wash., submitted low bid for the construction of a two-story reinforced concrete freezing plant at Ontario, Ore., for the Bridgeford Co., 808 Imperial Ave., San Diego; 150x600 ft. in area; estimated cost, $1,000,000. Plans were prepared by Architect Lyle P. Bartholomew, 129 N. Commercial St., Salem, Ore.

2/27/46 12
PLANNED

LA SIERRA, Riverside Co., Calif.—**The Loma Linda Food Co.**, Pierce St., La Sierra Hts., has had plans prepared for a new reinforced concrete factory building to contain 5000 sq. ft. of floor space, and several **frame and stucco buildings** to contain a total of 25,000 sq. ft. of floor space, at their plant in La Sierra for selves. Total estimated cost, $250,000. The Loma Linda Food Co. is owned by the Seventh Day Adventists. A contractor has been selected.

2/27/46 • • 13
BIDS IN—
HELD UNDER ADVISEMENT
BOILER
SAN JOSE, Santa Clara Co., Calif.
Furnish and install one 500-h. high-pressure steam boiler.
Owner—U. S. Products Corp., Ltd., Race and Moorpark Ave., San Jose.
Engineer—G. M. Richards and Associates, 333 Kearny St., San Francisco.
Announcement shortly.

2/27/46 • • 12
CONTRACT AWARDED
INDUSTRIAL BLDG. Cost, $50,000
SAN FRANCISCO. Mission Street.
Construction of two-story and basement reinforced concrete industrial building.
Owner—California Wool Growers Association, 595 Mission Street.
Architects—J. Francis Ward and J. S. Bolles, 369 Pine Street.
Contractor—Swinerton and Walberg Co., 225 Bush Street.

2/27/46 • • 12
CONTRACT AWARDED
COLD STORAGE PLANT
Cost, $150,000
LINCOLN, Placer County, Calif.
Construction of cold storage plant addition.
Owner—Lincoln Packing Corp., Lincoln.
Architects—J. Francis Ward and J. S. Bolles, 369 Pine St., San Francisco.
Contractor—H. W. Robertson, 2917 T St., Sacramento.

14-17—PUBLIC BLDGS.

2/27/46 • 16
BIDS WANTED

VALLEJO, Solano Co., Calif.—Until March 13, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for combination gas and oil burner to be installed in the U. S. Post Office, Vallejo, Calif.

Plans and specifications obtainable from the above office of the district engineer.

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Tube Steam Radiation, Spec. No. 17460, NOy 13296	San Leandro	3- 8
Street Lighting, NOy 13343, Spec. 17504	Inyokern	3- 5

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Superstructure, Shop Bldg. No. 411. Shipfitters and Boilermakers Shop, San Francisco Naval Shipyard; Bids open March 4, 11:00 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
A. Farnell Blair, 9 Main St., San Francisco (YUkon 0390)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co. 923 Folsom St., San Francisco (SUtter 3440).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Richland Elementary School District, School Bldg., Shafter; Bids open February 27, 7:30 P. M.
Guy E. Hall, 1326 30th St., Bakersfield (Bakersfield 88695)
Rademann-Giusto, 40 Ringold Street, San Francisco (MArket 8151).
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)

Truck Terminal, Ore.-Nev.-Calif. Fast Freight; Bids open Mar. 1, 2 P. M.
Jacks & Irvine, 620 Market St., San Francisco (GArfield 2106)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624)
Biltwell Constr. Co., 4745 Geary Blvd., San Francisco (BAyview 5947)
H. E. Rahlman, 251 Kearny St., San Francisco (DOuglas 8023).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8061).

Shell Chemical Shop and Storage Bldg., Shell Point; Bids open March 6
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)

Escalator and Elevator Additions, Lincoln Bldg., 867 Market Street, San Francisco; Bids open March 12, 3:00 P. M.
Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco (EXbrook 5616)
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)

Laurel School, San Mateo; Bids open February 28, 8 P. M.
B. & R. Constr. Co., 288 Market St., San Francisco (DOuglas 7516).
C. F. Parker, 1644 Monterey Blvd., San Francisco (OVerland 3723).
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317)

Theatre Bldg., Guerneville; Bids open March 6, 12 Noon.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).

Schools, Castro and Alvarado Sts., Richmond; Bids open March 6, 8 P. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Elmer J. Freethy, 1432 Kearney St., El Cerrito (Landscape 5-3811).

Superstructure for Ordnance Shop, San Francisco Naval Shipyard; NOy 12968; Spec. 17152; Bids open March 18, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)

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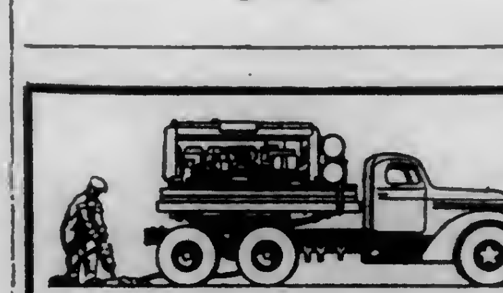
Present prices are subject to sharp advancement upon completion of improvements; when unsold sites will be extensively advertised to the public.

Engineering is now being completed for streets, sewers and water system; work is scheduled to start during May of this year.

Property can be inspected by appointment by calling

Frank Ashby, Owner, at MArket 1230



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Miscellaneous lot of 3- and 4-inch WELDING FITTINGS & FLANGES. Flanged and screwed fittings and valves up to 5-in.; also TOLEDO DIES, 2½- to 8-in.; BARNS AND CHAIN WHEEL PIPE CUTTERS. Central California Constr. Co. HEmlock 7926. (to 3/5/46)

CEMENT MIXER, JAEGER, Size 14M, with HOPPER, WATER TANK and 5 H.P. ELECTRIC MOTOR. 705 Atherton St., Hayward, Calif. to Mar. 1, 1946

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LUMBER HANDLING EQUIPMENT: CARRIERS, STACKERS, TRUCKS. Call Mac, Pacific Carriers. Oakland. KE 4-1651.

WANTED

WORK FOR D 8 TRACTORS, CARRYALLS and TERRA COBRAS. Phone Stockton 66639. tf

WANTED TO BUY OR RENT

Small single DRUM HOIST, gasoline driven. Phone YU. 0656. Leave message. to Mar. 1, '46

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160 Tenth St. Corner of Natoma SAN FRANCISCO Ph. MArket 1651

ADVANCE CONSTRUCTION REPORTS

BIDS WANTED

TACOMA, Wash.—Until March 13, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior painting at the U. S. Post Office and Courthouse, Tacoma, Wash.

Plans and specifications obtainable from the above office of the district engineer.

18-19—RELIGIOUS BLDGS. BUILDINGS

2/27/46 • 19

PLANNED

CHURCH Cost, $30,000

PATTERSON, Stanislaus Co., Calif.

Construction of frame and stucco Mission or Spanish style church to seat 400.

Owner—Sacred Heart Catholic Ch., Rev. Manuel F. Rose, pastor, Patterson.

Architect—Henry A. Minton, 1045 Sansome St., San Francisco.

2/27/46 • • 19

PLANS COMPLETED

EDUCATIONAL BLDG. Cost, $25,000

VISALIA, Tulare Co., Cal. Garden Street and Mineral King Avenue.

Construction of one-story and basement educational building (42x80), stone walls, woodwork finish for interior, 10 classrooms, four department rooms and social rooms, pastor's study.

Owner—First Baptist Church of Visalia, Garden St. and Mineral King Ave., Rev. Robt. W. Estus, pastor.

Architect—Donald Powers Smith, 58 Sutter St., San Francisco.

Eventual plans call for remodeling of the main church auditorium (to seat 450) and to which the educational building will be joined, the whole forming a unit structure of colonial style architecture.

2/27/46 15

CONTRACT AWARDED

CORONA, Riverside Co., Calif.—George Goedhart, 1884 Woodlyn Rd., Pasadena, at $4450, awarded contract by the U. S. Navy, Bureau of Yards and Docks, Washington, D. C., for alterations to administration building to provide morgue and autopsy room at the U. S. Naval Hospital, Corona, Calif.; Specification No. 17464, NOy 13308.

2/27/46 19

SITE SELECTED

CHURCH Cost, $12,000

NILES, Alameda County, Calif. First St. on north side adjacent to California Nursery.

Construction of church plant to seat 200, social clubroom included.

Owner—Church of the Nazarene, Rev. J. Willis Clark, pastor, Niles.

Construction of the parsonage is expected to begin next week.

20-21—SOCIAL AND RECREATIONAL BLDGS.

2/27/46 • 21

PLANNED

THEATER Est. Cost, $75,000

RIVERDALE, Fresno County, Calif. Corner of Florence and A Sts.

Construction of 625-seat stadium type concrete and steel theater building to include four stores.

Owner—W. G. Allen, Second St., Riverdale.

Architect — Vincent G. Raney, 233 Post St., San Francisco.

Construction will start at once.

2/27/46 • 21

PREPARING PRELIMINARY PLANS

RADIO STUDIO BUILDING Estimated Cost, $400,000

LOS ANGELES, Calif. Hollywood, Sunset Blvd.

Construction of three-story radio and recording studio building of reinforced concrete, acoustic materials, sound equipment, etc.

Owner—Withheld.

Architects — Scherer-Ayers & Associates, 13,111 Ventura Blvd., North Hollywood.

2/27/46 • 20

MASONIC HALL

YOLO, Yolo County, Calif.

Construction of two-story concrete Masonic hall (40x70 ft.) to replace fire loss.

Owner—Yolo F. & A. M. Lodge No. 81, H .B. Hayden, master, Yolo, Calif.

Contractors and an architect will be consulted soon.

22-26—RESIDENTIAL BUILDINGS

2/27/46 24

RESIDENCE

MILLBRAE HIGHLANDS, San Mateo County, Calif. Corner Hillcrest and Poplar Sts.

Construction of two-story brick and stucco residence (3 bedrooms, 2 baths), central heating system, indirect lighting, Pabco shingle roof.

Owner—Withheld.

Architect—Oscar R. Thayer, 1257 Cabrillo Ave., Burlingame.

2/27/46 24

PREPARING PLANS

SAN MATEO COUNTY, Calif. Felton Gables.

Construction of two-story frame and stucco residence (3 bedrooms, 2 baths), central heating system, split shingle roof, tile terrace, two-car garage.

Owner—Withheld.

Architect—Oscar R. Thayer, 1257 Cabrillo Ave., Burlingame.

2/27/46 • • 24

SEGREGATED BIDS WANTED

RESIDENCE

ORINDA, Alameda County, Calif.

Construction of 1-story frame, stucco and some brick residence (six rooms, 2 baths) flat roof, hardwood floors, tile baths, air conditioning, attached garage.

Owner—Allyn Wool, 3220 Telegraph Ave., Oakland (Piedmont 1330).

Plans by E. Wright.

The owner is now taking segregated bids on all portions of work.

2/27/46 • 25

PLANS COMPLETED

RESIDENCE Est. Cost, $12,000

SAN JOSE, Santa Clara Co., Calif. Gordon Ave.

Construction of 7-room residence, rustic exterior, plaster interior, steel sash, forced air heating, 2 tile baths.

Owner—Carl Owen, c/o architect

Architect—Donnell E. Jaekle, Builders' Exchange Bldg., 201 S. Market St., San Jose.

2/27/46 • 26

PROPOSED

SUBDIVISION Cost, $500,000

OAKDALE, Stanislaus Co., Calif. Modesto Highway.

Construction of 79 residences on 20-acre tract.

Owner and Builder—M. A. Little, 1 Grand View Ave., San Francisco.

Plans by owner.

2/27/46 • 26

PROJECT APPROVED

200 RESIDENCES Cost, $2,000,000

SAN CARLOS, San Mateo Co., Calif Garden Terrace Tract.

Construction of 200 residences.

Owner and Builder—Herman Christensen, 1399 21st Ave., San Francisco.

Plans by owner.

The project has been given final approval by the San Carlos Planning Commission.

2/27/46 • 42

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the Purchaser of Supplies, City Hall, for furnishing and delivering sheet metal shop supplies for the School Department:

Baker Hamilton, (1) $5.155 per cwt. (2) $4.955 per cwt.; (4) $5.70 per doz.; (5) $6.54 per doz.; (6) $9 per doz.; 2% 30 days; 10 day delivery.

C. W. Marwedel, (4) $4 per doz.; (5) $624 per doz.; (6) $8.76 per doz.; (7) $0.20 per lb.; 2% 10th prox.

Tay-Holbrook, Inc., (4) $0.43 each; (5) $0.97 pair; (6) $1.34 per pair; (11) $28.79 per box; 2% 10th prox.

Dunham, Carrigan & Hayden, (3) $0.80 per doz.; (4) $4.40 per doz.; (5) $6.36 per doz.; (6) $8.88 per doz.; (7) $31.85 per 100 lbs.; 2% 30 days; 1-30 day delivery.

Taylor & Spotswood, (8) $0.80 per cwt.; (9) $6.55 per cwt.; (10) $6.30 per cwt.; ½% 10th prox.; 180 day delivery.

2/27/46 24

PREPARING PRELIMINARY PLANS

RESIDENCE

ALTER RESIDENCE Approx. Cost, $8,000

LOS GATOS, Santa Clara Co., Calif. Alpine Road.

Alterations to residence including addition of bedrooms and kitchen and dressing room; plumbing and tile work, venetian blinds, etc.

Owner—Mr. Lincoln, c/o Architect.

Architect—Henry David Kensit, Post Office Bldg., Los Gatos.

2/27/46 • 26

PLANNED

DWELLINGS

REDWOOD CITY, San Mateo Co., Calif. Lomita Hills.

Construction of 50 dwellings.

Owner—Lloyd B. Ham, 410 San Mateo Ave., San Bruno.

2/27/46 • 26

BIDS WANTED

DAVIS DAM, Arizona - Nevada.—Until April 1, 10 A. M., bids will be received b ythe U. S. Bureau of Reclamation, Kingman, Ariz., under Spec. 1206 for the construction of 7 six-room residences and 13 five-room residences at the Davis Government Camp, Davis Dam Project, Arizona-Nevada. The work is situated about 30 miles west of Kingman, Ariz.

The residences will be of wood-frame construction with half basements and the walls will be covered on the outside with insulating fiberboard sheathing and siding or shingles. The inside walls and ceilings will be covered with wood lath and three-coat lime or gypsum plaster. The floors for porches and basements will be concrete. All other floors will be oak flooring over wood subfloors. The floors in the kitchens and bathrooms and the counter tops and splashbacks of kitchen cabinets will be covered with linoleum. The roofs, except over dormers and porches, will be covered with asbestos - cement shingles laid over solid roof boarding. The roof of dormers and porches will be covered with built-up roofing laid over 1½-inch thick gypsum plank or solid roof boarding. The ceilings will be insulated. Certain residences will be constructed with bay windows and certain residences with fireplaces. All residences will be provided with evaporative cooling systems.

The government will furnish cement, electric storage water heaters, evaporative coolers, insulation for ceilings and certain items of window and door casings, door hardware and some plumbing fixtures and fittings. The contractor will furnish all other materials required to complete the residences.

This invitation for bids does not cover the purchase of materials which are to be furnished by the government. Materials to be furnished by the contractor and those furnished by the government are described in the specifications which will be a part of the contract.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo.; E. A. Moritz, regional director, Administration Bldg., Boulder City, Nev.; H. F. Bahmeier, acting construction engineer, Kingman, Ariz., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the acting construction engineer.

Specifications obtainable to prospective bidders without charge; to others, $3.50, not returnable.

2/27/46 • 26

PREPARING PLANS

HOUSING PROJECT Estimated Cost, $3,000,000

SAN PEDRO, Los Angeles Co., Cal. 41-acre tract between Gaffney and Alma Sts.

Construction of private housing project consisting of approximately 540 apartment units. The buildings will be one- and 2-story and will contain 3, 4, 6, 8 and 10 units per building; the apartments to have 2 to 3 bedrooms, with kitchen, dining and living room and bath; frame and stucco construction, composition roofing, wood sash, type of heating undecided, plastering.

Owner and Builder—J. E. Haddock, Ltd., foot of Miner St., San Pedro.

Project Manager and Purchasing Agent—O. Kettering, foot of Miner St., San Pedro.

Bids are desired for plastering and cast iron sewer pipe.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Water Supply and Sewage Disposal Plants 31-32
Bridges 33
Dams, Reservoirs and Dredging 34
Docks, Piers & Harbors 35
Parks, Airports and Playgrounds 36
Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

2/27/46 • 32

TO PREPARE PLANS

SAN LEANDRO, Alameda Co., Calif.—Clyde C. Kennedy, sanitary engineer, 604 Mission St., San Francisco, has been retained by the City of San Leandro to prepare plans for the expansion of the sewage disposal plant.

2/27/46 32

CONTRACT AWARDED

KELSO, Wash.—Amozone of Oregon, SE 8th and Madison Sts., Portland, at $30.000 awarded contract by City of Kelso, 312 Allen St., Kelso, for construction of sewage disposal plant.

34—DAMS, RESERVOIRS & DREDGING

2/27/46 34

BIDS WANTED

ALTUS PROJECT, Oklahoma.—Until March 15, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Altus, Okla., under Spec. No. 1180 for the construction of earthwork and structures, Altus lateral 9.9 extension and lateral 11.1, Altus city pipeline, city laterals and sublaterals, Altus Project, Oklahoma. The work is situated in the vicinity of Altus, Okla.

The principal items of work and the estimated quantities involved are as follows:

(1) 100,000 cu. yds. excavation for laterals;
(2) 50.000 sta. cu. yds. overhaul;
(3) 6000 cu. yds. compacting embankments;
(4) 2500 cu. yds. excavation for drainage channels and dikes;
(5) 38,000 cu. yds. excavation for structures;
(6) 37,500 cu. yds. backfill;
(7) 4500 cu. yds. compacting backfill;
(8) 900 cu. yds. concrete in structures;
(9) placing 70,000 lbs. reinforcement bars;
(10) 1000 sq. yds. dry-rock paving;
(11) erecting 17 M ft. b.m. of timber in structures;
(12) laying 244 lin. ft. 18-in. diameter concrete pipe for turnouts, culverts and siphons;
(13) laying 1688 lin. ft. 24-in. diameter concrete pipe for turnouts, culverts and siphons;
(14) laying 308 lin. ft. 30-in. diameter concrete pipe for turnouts, culverts and siphons;
(15) laying 52 lin. ft. 36-in. diameter concrete pipe for turnouts, culverts and siphons;
(16) laying 40 lin. ft. 42-in. diameter concrete pipe for turnouts, culverts and siphons;
(17) laying 176 lin. ft. 48-in. diameter concrete pipe for turnouts, culverts and siphons;
(18) laying 3920 lin. ft. 24-in. diameter concrete pipe for city pipeline;
(19) laying 12,850 lin. ft. 30-in. diameter concrete pipe for city pipeline;
(20) placing 600 lbs. metal water stops in joints;
(21) installing 16.600 lbs. gates;
(22) installing 16,000 lbs. miscellaneous metal work.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo.; W. R. Nelson, regional director, P. O. Box 1609, Oliver-Eakle Bldg., 6th and Polk Sts., Amarillo, Texas; H. E. Robbins, construction engineer, Altus, Okla., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25 ,D. C. Prospective bidders desiring to visit the site of the work should communicate with the construction engineer.

No charge for specifications to prospective bidders; to others, $2.25, not returnable.

2/27/46 34

BIDS WANTED

OSAGE COUNTY, Okla. — Until March 21 (tentative date), bids will be received by the U. S. Engineer Office, P. O. Box 61, Tulsa 2, Okla., for the construction of part of the embankment and excavation for the spillway of Hula Dam, located on the Caney River in Osage County, Okla., about three miles west of Hula and about 16 miles northwest of Bartlesville, and about 60 miles north of Tulsa, Okla.

The work to be performed under this contract will consist of excavation for the spillway, completion of part of the earth embankment and construction of some temporary buildings for use by the government during construction of the project; 400 calendar days for completion. Plans and specifications available from the above office upon deposit of $20 and will be available for inspection at the office of the U. S. District Engineer, 751 S. Figueroa St., Los Angeles.

The principal items of work are:

(1) 50,000 cu. yds. excavation for embankment foundation;
(2) 650,000 cu. yds. excavation, common;
(3) 135,000 cu. yds. excavation, rock;
(4) 360,000 cu. yds. excavation, borrow, area I;
(5) 940,000 cu. yds. rolled fill.

2/27/46 34

BIDS OPENED

LA MESA, San Diego Co., Calif.—M. H. Golden Constr. Co., 3485 Noell St., San Diego, at $16,700 submitted low bid to the La Mesa-Lemon Grove and Spring Valley Irrigation Dist., 4769 Spring St., La Mesa, Feb. 25, for construction of a reinforced concrete, circular reservoir having a capacity of 250,000 gallons of water, located approximately 3 miles east of La Mesa.

Bids were:

M. H. Golden Constr. Co., $16,700.
F. E. Young, $20,000.
Griffith Company, $20,660.
Walter H. Barber, $23,300.

36— PARKS, AIRPORTS & PLAYGROUNDS

2/27/46 • • 36

BIDS OPENED

CROWS LANDING, Stanislaus Co., Cal.—Chas. E. Wait, 666 Mission St., San Francisco, at $26,545 submitted low bid Feb. 26 to Public Works Department, 12th Naval District, 1182 Market St., San Francisco, Room 402 for outdoor gunnery range at Naval Auxiliary Air Station, Crows Landing.

The work involves construction of three wood frame towers with enclosed house on top, one approximately 48 ft. high and 17 ft. square at base, and the other two each approximately 25 feet high and 8 ft. square at base; paving of firing platforms and walks, and construction of bullet stop, all with the necessary earthwork, paving, concrete construction, miscellaneous steel and iron work, roofing and sheet metal work, carpentry and joinery, glazing, hardware and field painting. Spec. No. 17507, NOy 13346.

Complete bids were:

Chas. E. Wait, San Francisco, $26,545.00.

J. Henry Harris, Berkeley, $28,788.

Henry Arian, San Francisco, $29,500.00.

Erbentraut & Summers, San Francisco, $30,600.

Patrick M. Sofarelli, Hayward, $31,745.

Johnson, Drake & Piper, Oakland, $31,947.

37— RAILROADS, SUBWAYS & TUNNELS

2/27/46 • • 37

LOW BIDDERS

COLORADO-Big Thompson Proj., Colo.—Loudermilk Bros., Denver, at $1,864,822 submitted low bid Feb. 26 to the Bureau of Reclamation, Denver, for the construction of excavation and concrete lining, Rams Horn and Prospect Mountain tunnels, Power Canal No. 1, Colorado-Big Thompson Project, Colo.; Spec. No. 1167. The work is situated from one mile south to four miles southwest of Estes Park, Colo.

Second and third low bidders were:

Stiers Bros. Constr. Co., St. Louis, Mo., $2,010,290.

Pervis Gregg and John Magoffin, Denver, $2,083,260.

38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

2/27/46 • 38

LOW BIDDERS

OROVILLE TO SACRAMENTO, Calif.—H. H. Walker, Inc., 1323 Venice Blvd., Los Angeles, at $281,760.70, submitted low bid to the Bureau of Reclamation, Denver, Colo., under Spec. No. 1152 for the construction of a 230-kilovolt transmisison line from Oroville to Sacramento.

The transmission line, approximately 56 miles in length, will be a 230,000-volt, 3-phase, 60-cycle, 3-wire, single - circuit of steel - tower construction. The towers will be from 60 feet to 110 feet in height. The conductors for the line will be either 795,000-circular mil aluminum, steel reinforced, or 500,000 - circular mil expanded type copper. Two transpositions will be constructed in the line. The tower footings will be of the reinforced concrete type.

Second and third low bids follow:

Underground Construction, Oakland, $426,883.

Stolte, Inc., Oakland, $487,616.96.

2/27/46 • 38

BIDS WANTED

PORTLAND, Ore.—Until March 19 10:30 A. M., bids will be received by the Bonneville Power Admin., 1300 NE Union Ave., Portland, under Inv. 3605 for surveying location of Detroit-Chemawa transmission line, approximately 46 miles in length, beginning at proposed dam near Detroit, Oregon, and running in westerly direction to point near Stayton and thence northwesterly to Chemawa.

Specifications obtainable from the above office upon deposit of $25.00.

2/27/46 38

BIDS WANTED

COLORADO-BIG THOMPSON PROJECT, Colorado. — Until March 18, 10 A. M., bids will be received by the Bureau of Reclamation, Denver, Colo., for the construction of the Brush-Sterling 115-kilovolt and the Sterling - Holyoke 69 - kilovolt transmission lines, Colorado-Big Thompson Project, Colorado; Specification No. 1210. The work is situated in the northeast portion of the State of Colorado. Completion time, 150 days.

No charge to prospective bidders for specifications and drawings; to others, $2.25. Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo.; E. B. Debler, regional director, 501 Continental Oil Bldg., Denver, Colo.; C. H. Howell, project engineer, Estes Park, Colo., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the project engineer. Guarantee in the amount of 10% of bid required.

The specifications will provide for bids on either or both of the two transmission lines, but no bid will be considered for only a part of either line. A description of the proposed trnasmission lines is as follows:

(a) Brush-Sterling line will be a 115-kilovolt, 3-phase, single-circuit, 60-cycle, wood-pole, H-frame type transmission line, approximately 36 miles long, except that for about 3700 feet near Sterling, Colo., there will be constructed a section of double circuit line on steel towers. The conductors for the transmission line will be either No. 4/0 AWG aluminum cable, steel reinforced, or 133,100 circular mil copper expanded conductor.

(b) Sterling-Holyoke line will be a 69-kilovolt, 3-phase, single-circuit, 60-cycle, wood-pole, H-frame type transmission line, approximately 48 miles long. The conductors for the transmission line will be either No. 3/0 AWG aluminum cable, steel reinforced, or No. 1/0 AWG stranded copper conductor.

2/27/46 38

CONTRACT AWARDED

SAN DIEGO, Calif.—Fischbach & Moore, Inc., 1509 W 8th St., Los Angeles, at $872,000 awarded contract by the U. S. Navy, Public Works Office, 11th Naval District, 1220 Pacific Highway, San Diego, Feb. 25, for construction of additions and alterations to the existing station electrical distribution system and new facilities to provide adequate electrical service and outlets to piers 10 to 13 inclusive, fro reserve fleet berthing facilities; Spec. 17544. Bids were received February 14.

39—SEWERS

2/27/46 39

CONTRACT AWARDED

NAPA, Napa Co., Calif.—McGuire & Hester, 796—66th Ave., Oakland, at $1120 awarded contract by State Director of Public Works C. H. Purcell, Public Works Bldg., Sacramento for trench digging work at Napa Hospital.

40— STREETS AND HIGHWAYS

2/27/46 • 40

BIDS WANTED

ALAMEDA, Calif.—Until March 12, 2 P. M., bids will be received by the Public Roads Administration, Charles C. Morris, division engineer, 720 Phelan Bldg., San Francisco, for construction of 0.171 mile access road to Army Air Force Intransit Depot, Alameda; Project Calif. DA-WR-225 (1), Unit 2.

The work involves:

(1) 840 cu. yds. unclassified excavation;
(2) 25 cu. yds. excavation for structure;
(3) 34 M gallons watering;
(4) lump sum, provide and maintain water plant or plants;
(5) 1450 tons crushed gravel or crushed stone base course;
(6) 4 tons medium curming cutback asphalt for prime coat;
(7) 1 ton emulsified asphalt for tack coat;
(8) 4 tons blotter material for bituminous preservative treatment;
(9) 1 ton medium curing cutback asphalt for bituminous preservative treatment;
(10) 584 tons plant mixture;
(11) 29 tons asphalt;
(12) 78 lin. ft. vitrified clay culvert pipe;
(13) 4 each vitrified culvert pipe elbows;
(14) 4 each catchbasins;
(15) 3 sets cast iron frames, gratings and curb inlet;
(16) 1 storm drain manhole;
(17) 1460 lin .ft. concrete curb.

Specifications obtainable from the above office; no deposit required.

2/27/46 • 40

BIDS WANTED

WASHINGTON STATE. — Until March 12, 10 A. M., bids will be received by Clarence B. Shain, state director of highways, Olympia, Wash., for the construction of the following highway and bridge improvement projects:

(1) Grading and constructing cement concrete pavement and sidewalks on 0.577 mile of primary state highway No. 3, Yakima-S. First St. extension in Yakima County; FAP No. U-132 (21).

(2) Grading and widening existing pavement with portland cement concrete, constructing concrete sidewalks, storm and sanitary sewers and drainage structures on 4.153 miles of primary state highway No. 5, in Tacoma on Pacific Ave. from S. 34th St. to S. 96th St., in Pierce County; FAP No. U-159 (11).

(3) Grading, surfacing and stockpiling mineral aggregate on 6.604 miles of primary state highway No. 18 and secondary state highway No. 11-C, Imber Creek to Ewan in Whitman County; FAP No. S-276 (6) Unit 1.

(4) Constructing 4 reinforced concrete bridges on primary state highway No. 18 and secondary state highway No. 11-C, Imbler Creek to Ewan in Whitman County, as follows: 3 continuous slab bridges 72 ft. long, 54 feet long and 50 ft. long, respectively, and one T-beam bridge 132 ft. long; FAP No. S-276 (6), Unit 2.

(5) Grading and surfacing on 9.026 miles of secondary state highway No. 3-E, junction secondary state highway No. 3-D to Waitsburg in Walla Walla County; FAP No. S-263 (6), Unit 1.

(6) Grading, ballasting, surfacing and constructing light bituminous surface treatment on 8.062 miles of secondary state highway No. 10-A, Disautel Summit to Omak in Okanokan County; FAP No. S-41 (3).

Federal funds have been allocated for the above construction. Specifications available from the above office at $2 per set.

2/27/46 • • 40

BIDS OPENED

CALIFORNIA POINT, Marin Co., Calif.—Parish Bros., P. O. Box 1019, Benicia, at $1,309 submitted low bid February 26, 2 P. M., to the U. S. Engineer Office, 74 New Montgomery St., San Francisco, under Job No. 2350-2 for resurfacing county road at California Point, Marin County.

Other bidders were:

E. A. Forde, $1,370.75.
Fredrickson Bros., $2,113.70.
A. D. Raisch, $2,206.
Piombo Brothers, $2,350.
J. Henry Harris, $2,371.55.
Chas. L. Harney, $2,825.
Peter Sorensen, $3,360.

2/27/46 40

CONTRACT AWARDED

DAVIS DAM PROJ., Ariz.-Nev.—Chas. J. Dorfman, 124 N La Brea Ave., Los Angeles, at $214,251.35 awarded contract by the Bureau of Reclamation, Denver, Feb. 25, for construction of streets, highways, sidewalks, curbs, gutters, drainage facilities, sewage and water distribution system for Davis government camp, Davis Dam project; Spec. No. 1136. The work is situated about 30 miles west of Kingman, Ariz. Bids were received January 17.

2/27/46 40

CONTRACT AWARDED

COCHISE COUNTY, Ariz.—Packard Constr. Co., Luhrs Tower, Phoenix, at $394,932.15 awarded contract by the Arizona State Highway Commission, 1739 W Jackson St., Phoenix, Feb. 23, for grading, drainage, bituminous surfacing SC-4, beginning about 1⅛ miles southeast of Bisbee and extending easterly on Benson-Douglas Highway in Cochise County, Ariz.; F-11 (6), AFE 8096, a total distance of approx. 3¾ miles. Bids were received February 13.

2/27/46 • 40

BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until March 4, 2 P. M., bids will be received by the U. S. Engineer Office, 74 New Montgomery St., San Francisco, for leveling and ditch work at the Municipal Airport; Specification No. 1400-8.

The following contractors have been furnished plans:

Charles Harney, 625 Market St., San Francisco.

J. Henry Harris, 2657 9th St., Berkeley.

Fredrickson Bros., 1259 65th St., Emeryville.

Parish Bros., P. O. Box 1019, Benicia, Calif.

Piombo Bros. & Co., 1571 Turk St., San Francisco.

Peter Sorenson, 927 Arguello St., Redwood City.

41—GAS, WATER AND OIL PIPE LINES

2/27/46 • 41

BIDS OPENED

LOS BANOS, Merced Co., Calif.—As previously reported, Pacific Pipeline Construction Co., Avenal, submitted low bid to the City of Los Banos, City Hall, Los Banos, for construction of water extensins and sewer extensions. Plans by City Engineer W. E. Bedesen.

Complete bids follow:

Pacific Pipeline Construction Co., water extensions (1) $9390, (2) $8903, (3) $7645, (4) $6150; sewer extensions (1) $1.23, (2) $1.23, (3) $2.34, (4) $145, (5) $35; approximate total on sewer work, $1852.57.

Manuel Smith, Oakland, water extensions (1) $11,370, (2) $10,953.75, (3) $10,076.80, (4) $8843.85; sewer work (1) $1.50, (2) $1.35, (3) $2.50, (4) $110, (5) $25; approximate total on sewer work, $2235.50.

Underground Construction Co., Oakland, water extensions (1) $9628, (2) $9168, (3) $9100, (4) $7328; sewer extensions (1) $1.73, (2) $1.70, (3) $4, (4) $100, (5) $25; approximate total on sewer work, $2552.61.

W. M. Lyle, Avenal, water extensions (1) $4.72 per ft., (2) $4.49, (3) $4.16, (4) $2.81; sewer extensions (1) $1.46, (2) $1.50, (3) $2, (4) $110, (5) $25; approximate total for sewer work, $2167.82.

Harvey E. Conner, Redwood City, water extensions (1) $11,305, (2) $10,880, (3) $9990, (4) $7858; sewer extensions (1) $1.56, (2) $1.56, (3) $3.30, (4) $125, (5) $30; approximate total for sewer work, $2007.72.

Machinery & Material

42— MISC. SUPPLIES AND MATERIALS

2/27/46 • 42

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the purchaser of supplies, City Hall, for cable:

John A. Roebling Sons, $156.10 per 100 feet.

Okonite Callender Cable Co., $162.40 per 100 feet.

General Electric Co., $1896 per 1000 feet.

General Cable Co., $164 per 100 feet.

Garnite Young & Co., $188.80 per 100 feet.

(Continued on Page 4)

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SOUTHERN OREGON
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NOW CUTTING 60M. FT. PER 8 HOURS. LOADING DOCK; SORTING CHAIN; ROSS CARRIER; PLANER
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Building Permits, Contracts---Recorded Notices

BUILDING PERMIT Applications

SAN FRANCISCO

ALTER HOME, $1000; 54-56 Macondray; owner, John Tampacke, 54 Macondray; builder, Jas Mulholland, 736 Huron.

ALTER SERVICE STATION, $1000; 3220 Fillmore St; owner, Antone Zletich, 900 Edinburgh; builder, W Fletcher Construction, 3200 Madeline St, Oakland.

ALTER ROOMING HOUSE, $900; 1905 Van Ness Ave; owner, L A Marston, 1734 Broderick; builder, Leonard Salomon, 1734 Broderick.

ALTER APARTMENTS, $600; 1517 Jones St; owner, Lindy Low, prem; builder, O Polidoro, 1360 Green St.

FLATS AND GARAGE, $500; 1721-23 Taraval; owner and builder, Wm Fenchuk, 2497 33rd Ave.

ALTER DWELLING, $500; 86 Marietta Dr; owner and builder, John Panagotacos, premises.

ALTER BOARDING HOUSE, $500; 1350 Golden Gate Ave; owner, B J Mahony, 1226 6th Ave; day work.

CLASS "A" THEATER, $185,000; S Geary Blvd 200 E Arguello Blvd; owner, San Francisco Theaters, Inc, 995 Market St; builder, Cahill Bros, 206 Sansome St.

CLASS "B" (first unit), foundation only, $70,000; SW Market and 9th Sts; owner, Western Merchandise Mart, 10th and Market Sts; builder, Cahill Bros, 206 Sansome St.

ALTER STORE, $60,000; SE Stockton and O'Farrell Sts; owner, Joseph Magnin, premises; builder, Barrett & Hilp, 918 Harrison St.

ALTER BANK, $38,000; NE San Bruno 75 NW Thornton; owner, Merchants National Realty Corp, 1 Powell St; builder, Moore & Roberts, 693 Mission St.

ALTER STORE AND OFFICES, $15,000; 747 Market; owner, Mitchel L Mitchell, 870 Brannan; builder, MacDonald, Young & Nelson, 127 Montgomery St.

ALTER DWELLING, $12,000; S El Camino Del Mar 125 W 30th Ave; owner and builder, E Rifkind, 2231 North Point.

DWELLING (2-story frame), $6000; S Kirkham 107,6 E 28th Ave; owners, Mr and Mrs F J Desmond, 1523 25th Ave; builder, John Newton, 2029 Kirkham.

DWELLING (1-story frame), $5000; N Thomas 50 W Ingalls; owner, E Murer and E Ganz, 1274 Quesada Ave; builder, L Murer, 1274 Quesada Ave.

DWELLING (1-story frame), $5000; E 43rd Ave 125 S Irving St; owner, Sala & Corbell, 823 Irving St; builder, Corbell Realty Co, 823 Irving St.

ALTER DWELLING, $3000; 91 Alpine Terrace; owner, Mrs M McPherson, prem; builder, Fred Golben, 3856 California St.

ALTER FLATS, $3000; 975 Lombard; owner, Alice A Hudson, 251 Post; builder, Elvin C Stendell, 105 Gonzales Dr.

FLATS (2-story frame), $11,000; W San Jose 53.11½ N 25th St; owners, O and Irene Witt, 725 Tehama St; builder, Oliver M Rousseau, 725 Tehama St.

BUILDING (1-story frame), $2000; SW Bayshore Blvd and Stuben; owner and builder, Hansen & Nowak, 750 Bayshore Blvd.

ALTER DWELLING, $1325; 1654 33rd Ave; owner, J Clark, prem; builder, M & N General Contractors, 1422 Market St.

ALTER STORE BUILDING, $900; 548 Brazil St; owner, Fernando Isola, 404 Naples St; builder, John Antone, 331 Lisbon.

ALTER DWELLING, $800; 284 Richland Ave; owner, L Munsell, Menlo Park, Calif; builder, Irwin Co, 1040 Oak St.

ALTER STORE, $600; 2757 Mission St; owner, E Mathes, 1558 21st Ave; builder, J F Linden, 617 Moraga St.

ALTER DWELLING, $585; 623 35th Ave; owner, E P Finnigan, prem; builder, United Roofing & Siding Co, 2906 Mission St.

ALTER DWELLING, $500; 232 Randolph St; owner, Chas Eastwood, prem; builder, John J Crugan, 1170 Guerrero St.

BUILDING PERMIT Granted

SAN FRANCISCO

FEBRUARY 26, 1946

ALTER office, $700; 291 Geary St; owner, Geo S May Co.

ALTER store, $20,000; NE Corner Stockton and Market Sts; owner, Roos Bros.

BLDGS, three 1-story frame, $5300 each; NE cor Burrows and Hamilton; E Hamilton 33.4, 66.8 North Burrows; owner, A Nelson.

ALTER bldg, $732; 4014 Geary Blvd; owner, Mack E Menary.

ALTER delicatessen store, $998; 2501 Van Ness Ave; owner, A H Field.

ALTER restaurant and night club, $500; 1025 Columbus Ave; owner, F Martinelli.

ALTER restaurant, $1500; 60 Geary St; owner, Harry Leondos.

ALTER restaurant, $500; 206 Jefferson St.; owner, J Tarantino.

ALTER dwelling, $660; 619 35th Ave; owner, J Keenan.

ALTER dwelling, $5000; 720 41st Ave; owner, Community of Saint Saviour.

OAKLAND

SHED, $1500; 10830 Pearmain St; owner and builder, Modesto Roman, premises.

REPAIR fire damage, $2000; 429 6th St; owner, J Larson, premises; contractor, W A Rose, 478 25th St.

REPAIR fire damage, $500; 1720 46th Ave; owner, Patrick J Joyce, 1720 46th Ave; contractor, W A Rose, 478 25th St.

REPAIR fire damage, $1500; 1497 Oak St; owner, Joh L Noble, 1497 Oak St; contractor, W A Rose, 478 25th St.

REPAIR fire damage, $1000; 410 14th St; owner, A Hynes, Latham Square Bldg; contractor, W A Rose, 478 25th St.

APARTMENTS, two-story 24-room, $24,000; 1908-20 38th Ave; owner, Harry Lempke, 3804 Foothill Blvd; contractor, R E Johnson, 3491 38th Avenue.

DWELLING, 1-story 5-room, $5,000; 6109 Monadnock Way; owner and contractor, S J Dowling, 2800 Clay.

ALTERATIONS, $3000; 111 Grand Ave; owner and contractor, Kirk Hayes, 4211 Foothill Blvd.

GARAGE, $500; 934 41st St; owner and builder, W H Le Fleur, prem.

ALTER, $1200; 1647 19th Ave; owner, R E Reed, 4623 Reinhardt Dr; contractor, Leo Brandt, 2325 Coolidge Ave.

ADDITION, $500; 1270 91st Avenue; owner, John J Perry, prem; contractor, F M Brown, 7039 Lacey.

REPAIRS, $700; 2619 E 12th Street; owner, Hammer-Bray Co, premises contractor, A A McDonald, 3229 Ardley Ave.

ADDITION, $2000; 6016 Manchester Drive; owner and builder, Bauer E Kramer, premises; architect, E T Foulkes, 357 12th St.

STORE, bldg, concrete, 1-story, $30,000; 401 Jackson St; owner, Edw Amaro, prem; contractor, Stolte, Inc, Room 726, Bank of America Bldg; plans by builder.

REPAIRS, $1000; 383 Belleview Ave; owner, Ellen A Butler, 490 Post St, S F; contractor, Mason-McDuffie Co, 2101 Shattuck Ave, Berkeley.

DWELLING, 1-story 5-room, $4500; 3307 High St; owner, A G Engel, 6127 Foothill Blvd; contractor, C R Tisher, 6127 Foothill Blvd.

ALAMEDA

DWELLING (1-story 5-room), $4000; 1435A Bay St; owner, Oscar Ostling, 1435 Bay St.

STORE BUILDING (7 stores), $35,000; 1401-03-05-07 Webster St, 647-49-53 Central Ave; owners, Thomas Michaels and P Jamison; builder, Chris Ganiats & Son, 2092 40th Ave, Oakland.

ALTERATIONS, $600; 1319 Ninth St; owner, F Toffmier; builder, Jack Reno, 4172 Broadway.

ADDITION TO STORE, $1400; 2009 High St; owner and builder, George A Sturtevant, 2009 High St; plans by B V Harry.

ALTERATIONS, $950; 1827A Clinton Ave; owner and builder, Mrs F Whittle, 1827 Clinton Ave.

ALTERATIONS, $900; 1918 Park St; owner and builder, Kjell H Qvale, 1918 Park St.

BERKELEY

ALTER, $500; 2460 Parker; owner, A J Wilson, 1604 Regent; contractor, Mason-McDuffie, 2101 Shattuck Ave.

ALTER, $750; 2922 Derby; owner, Dr Glass, prem; contractor, Mason-McDuffie, 2101 Shattuck Ave.

GARAGE, $500; 555 Santa Rosa; owner and builder, G S Godspeed, 2747 Haste St.

WAREHOUSE, $81,000; 2036 Bancroft; owner, Corder Corp, prem; contractor, Parker, Steffins and Pearce, 135 South Park, S F.

ALTER, $500; 2512 Etna; owner and contractor, M Randall, 2512 Etna.

DUPLEX, $11,000; 2580-82 Hilgard; owner, Walter F Funk, 2712 Telegraph; contractor, E M Sorenson, 1907 Parker; architect, Paul Hammarberg, 2 Norwood Ave, Berkeley.

SAN MATEO COUNTY (Unincorporated)

MARKET, $13,000; acreage, Coast Highway, Princeton by the Sea; owners and builders, D M and V J Ortisi, 1260 Thomas Ave, San Francisco; plans by F Spellman.

RESIDENCE, $6000; McArthur Ave, Dumbarton Acres; owner and builder, J L Sniper, 417 4th St, Redwood City.

ADD 2 BEDROOMS, $1800; 2390 Covley, East Palo Alto; owner, W R Buck, 2390 Covley, East Palo Alto; builder, Edgar T Kephardt, 211 Pope St, Palo Alto.

RESIDENCE, $8000; Lot 113, Palmito Dr, Capuchino Manor No 1; owner and builder, A Meurer, 217 Santa Inez Ave, Lomita Park.

GREEN HOUSES, BOILER ROOM, $22,000; Garden Acres, Pulgas Ave near Bay Rd; owner and builder, James F Knecht, 1201 Redwood Ave, Redwood City.

SUBSTATION ADDITION, $14,000; 40.5 acres south side Wallbridge, between Schwerin and Bay Shore Blvd; owner, Pacific Gas & Electric Co, 245 Market St, San Francisco; builder, Leo Epp, 317 Broderick St, San Francisco; plans by I C Steele, 245 Market St, San Francisco.

RESIDENCE, $6000; Block D, Fairway Dr, Country Club Park, Lot 24; owners and builders, Mr and Mrs J A Layne, 143 Winchester, Daly City.

ALTER AND ADD GUEST ROOM, $1300; Lots 27, 28, Block 24; owner and builder, S C White, 2930 Curtis Ave.

SHOP AND WAREHOUSE, $3600; Burlingame Ave, Dumbarton Acres; owner and builder, Fred Krieg, 416 Hudson, Redwood City.

ADD BEDROOM AND GARAGE, $2000; Palo Alto Park; owner and builder, H Schmidt, 2265 Raemer, Palo Alto Park.

DINER AND DRIVE-IN, $20,000; Lots 9, 10, 11, Block 9, Woodland Place, Euclid Ave near Bay Shore; owner, Nelson D Gustin, 1040 Myrtle, East Palo Alto; builder, Remmett Construction, 931 Merdo Dr, Menlo Park; plans by Robert Dalton, 1040 Myrtle, East Palo Alto.

RESIDENCE, $28,000; Menlo Oaks Dr near Cambridge; owner, J C Lindsay, 698 Menlo Oaks Dr, Menlo Park; builder, Dal Engineering Association, 3383 Washington, San Francisco; plans by Frederick Shaw, S Van Ness, San Francisco.

FRESNO

ADD TO BUILDING, $27,000; 1955 Broadway; owner, Thompson & Ducey; builder, A R Ecklund.

ALTER BANK, $15,300; 1001 Fulton; owner, Capitol Co.

APARTMENTS, $15,000; 1343-45-47-49 N St; owner, Carl Gustafson.

STORE, $18,000; 1855-59 S Van Ness; owner, Pacific Mill & Mine Supply; builder, Fisher & McNulty.

STORE, $12,000; 2332-40 Ventura; owner, Coldbank Investment Co; builder, Fisher & McNulty.

DWELLING AND GARAGE, $7000; 5002 E Tulare; owner, Alfred J Genardini.

GARAGE, $5000; 4017 Ventura; owner, Horace A Talbot.

ADD TO DWELLING, $1500; 3747 Tulare; owner, D B Smith; builder, Fugman.

ALTER DWELLING, $1000; 2432 Thorne; owner, Albert P Garrett.

ALTER STORE, $500; 457 Blackstone; owner, E M Hess.

SIGN, $1925; 204 Belmont; owner, Golden State Athens Baking Co; builder, Hamlin Neon Sign Co, Inc.

SIGN, $1530; 2244 Railroad; owner, Alcap Lumber Co; builder, Hamlin Neon Sign Co, Inc.

SIGN, $964; 905 Thorne; owner, California Nursery; builder, Hamlin Neon Sign Co, Inc.

Completion Notices

SAN FRANCISCO

Recorded Accepted

Feb 25, 1946—S VALLEJO 345-4 W Broderick W 37 SE 141-3 E 19-5⅞ N 138-4½. Howard McGurren to Chas O Jones..........Feb 25, 1946

ALAMEDA COUNTY

Recorded Accepted

Feb. 26, 1946—Lot 83, Forestland, Oakland, Calif. Marie H and Wilfred H West to Montclair Construction Co..........Feb. 20, 1946

Feb. 25, 1946—520 Haight Ave, Alameda, Calif. Henry Armstrong to T H Lapham..........Feb. 18, 1946

Feb. 25, 1946—Lot 5, Tract 506, Oakland, Calif. Ernest R Jarratt to Wm Spivock..........Feb. 22, 1946

Feb. 26, 1946—Lots 7 and 8, Block B, Rose Park Tract, Oakland, Calif. Mary A S Lemos to whom it may concern..........Feb. 18, 1946

Feb. 26, 1946—Lot 7, Block 11, Subdivision of Fruitvale Heights, Oakland, Calif. Esmie E Boulter to Howard Pulliam..........Feb. 21, 1946

SAN MATEO COUNTY

Recorded Accepted

Feb. 19, 1946—Lot 4, Map of Subdivision of Lot 269, San Mateo City Homestead, San Mateo. Arvid N and Gerta E Hamberg to whom it may concern..........Feb. 16, 1946

Feb. 19, 1946—66 Center St, San Carlos. H A Huber to Baker & Morton..........Feb. 16, 1946

Feb. 19, 1946—Southerly 60 feet of Lot 16, Alcorn Tract. Ralph S and Ethel H Douglass to Dulleck Bros..........Feb. 15, 1946

Feb. 18, 1946—SE ½ Lot 455, San Mateo City Homestead. Lucy M Potter to Irving Caster..........Feb. 12, 1946

Feb. 19, 1946—Lots 2 and 3, Block 11, San Mateo Knolls. Daniel T Jr and Eleanor G Birtwell to Peninsula Home Builders....................Feb. 15, 1946

Feb. 20, 1946—736 Tamarack Ave, San Carlos, Lot 10, Block 1, Britton Acres, Map 2. Victor E and Claire C Stoltz to Richard Delucchi & Co..........Feb. 19, 1946

Feb. 20, 1946—Lot 9, Block 12, Howard Park Map No 2, San Carlos. Roderick O Lynch and Warren C Barnett, doing business as The Barton Co, to whom it may concern..........Feb. 19, 1946

Feb. 20, 1946—1455-1459-1463-1467 El Camino Real, Belmont. E C Baker and Louis S Morton to Baker & Morton..........Feb. 20, 1946

Feb. 20, 1946—Ptn of Lots 14 and 15, Block 125, South San Francisco, Plat No 1. Grover W and Nadia Lincoln to United Construction Co..........Feb. 19, 1946

Feb. 21, 1946—Lot 14, Block 29, San Mateo Terrace 7, San Mateo. Gust A Carden to Hardiman Construction Co, Inc..........Feb. 15, 1946

Non-Responsibility

SAN FRANCISCO

Feb 25, 1946—755 MARKET ST. M & T, Inc as to improvements on property.

Feb 21, 1946—937 GEARY ST. Peter D Metaxas as to improvements on property.

Plumbing Permits

BERKELEY

76 Bonnie Lane; owner, Goldsworthy; dealer, Berkeley Plumbing Co; water closet; wash basin; shower.

1541 Dwight; owner, J C Pelletier; dealer, Fred A Gottstein; water closet wash basin; sink; wash tub; shower.

2708 Webster; owner, Lacey; dealer, Geo Stoddard; wash tub

1916 Woolsey; owner, ...; dealer, East Bay Plumbing; sink.

2119 West; owner, Moran; dealer, H Lee; 4 water closets; 4 wash basins; 2 bath tubs; 2 sinks; 2 wash tubs.

2741 Dohr; owner, J M Walker; dealer, J A Fazio; water closet; wash basin; bath tub; sink; wash tub.

1337 Curtis; owner, J M Walker; dealer, J A Fazlo; water closet; wash basin; bath tub; sink; wash tub.

1510 Kains; owner, J M Walker; dealer, J A Fazio; water closet; wash basin; bath tub; sink; wash tub.

1506 Kains; owner, J M Walker; dealer, J A Fazio; water closet; wash basin; bath tub; sink; wash tub.

1132 Ward; owner, J M Walker; dealer, J A Fazio; water closet; wash basin; bath tub; sink; wash tub.

1914 Oregon; owner, J M Walker; dealer, J A Fazio; water closet; wash basin; bath tub; sink; wash tub.

1614 Parker; owner, J M Walker; dealer, J A Fazlo; water closet; wash basin; bath tub; sink; wash tub.

2830 Derby; owner, G Schneider; dealer, H P Murphy; sink.

1148 Amador; owner, F Seaborn; dealer, H P Murphy; water closet; wash basin; shower.

1514 Oxford; owner, J Calome; dealer, H P Murphy; 2 water closets; 2 wash basins; 2 bath tubs; sink.

2922 Derby; owner, Dr Klass; dealer, M J Schmitt; water closet; wash basin; wash tub; shower.

2045 Vine; owner, Whit Kerr; dealer, M J Schmitt; 3 wash basins.

1533 Woolsey; owner, J H Johnson; dealer, M J Schmitt; sprinkler.

OAKLAND

1432 73rd Ave; owner, J Olivera; dealer, Noberg; 1 fixture.

848 Chestnut St; owner, Trayler; dealer, T A Miller; water.

4265 Atlas Ave; owner, M Susmaul; dealer, T J Lynch; 3 fixtures; 1 gas outlet.

5780 Telegraph; owner, Simpson; dealer, Milton Hull; 8 fixtures.

5261 Golden Gate Ave; owner, ...; dealer, H Jensen; 8 fixtures; 3 gas outlets.

6501 Guvin Rd; owner, Morois; dealer, Jas Pinkin & Sons; 3 fixtures.

1173 19th St; owner, ...; dealer, P H Schoenfeld; 4 fixtures.

964 46th St; owner, Puccetti; dealer, J A Rankin; 8 fixtures; 2 gas outlets.

7501 Deerwood; owner and dealer, Ralph Williams; sprinkler system.

708 Adeline St; owner, Wm Temple; dealer, James Smith; 3 fixtures.

406 7th St; owner, Aperilla Barber Shop; dealer, James Smith; 2 fixtures.

681 33rd St; owner, Mrs Kimbell; dealer, James Smith; 2 fixtures.

775 Barbara Rd; owner, B Morrison; dealer, T E Planer; sprinkler system.

3266 Fruitvale Ave; owner, Lee & Jacks Service Co; dealer, F E Planer; 1 fixture.

45 Pershing Dr; owner, Cashey; dealer, R A Raeber; 4 fixtures; 8 plumbing; 14 water; 3 gas.

370 Grand; owner, Dr Herman; dealer, R A Raeber; 4 fixtures; 6 water.

462 8th St; owner, ...; dealer, J E Frutas; 1 fixture.

6416 Telegraph; owner, Safeway Stores; dealer, D Durant; 1 gas outlet.

2536A and B Ivy Dr; owner, A B Pablmeyer; dealer, R A Raeber; 8 fxtures; 14 water; 6 gas.

910 Rosecrest; owner, Armstrong; dealer, Henry E Lee; 3 fixtures; 1 water.

10200 Dante Ave; owner, Souza; dealer, H Lass; 1 fixture; 2 water.

2275 85th Ave; owner, Peterson; H Lass; 3 fixtures; 6 water.

2674 109th Ave; owner, Hiel; dealer, H Lass; 5 fixtures; 12 water; 3 gas.

7915 Hillmont Dr; owner, Wm Maynard· dealer, F E Nearhood; 7 fixtures; 15 water; 3 gas.

534 23rd Ave; owner, Simplex Wrapping Machine; dealer, F E Nearhood; 15 fixtures; 30 water; 6 gas.

2280 35th Ave; owner, Earhart; dealer, Harold Sogn; 1 fixture.

1236 37th Ave; owner, Marcy; dealer, Harold Sogn; 2 fixtures.

5929 Acacia; owner, Fitzgerald; dealer, Wm O'Toole; 24 water; sprinkler system.

Furnace Permits

OAKLAND

4175 Bayo St; owner, Albernethy; dealer, J Tancredy; floor furnace.

1929 35th Ave; owner, Kosha; dealer, C Milehan; central furnace.

Electrical Permits

SAN FRANCISCO

9086 Yacht Harbor; owner, Alhery; contractor, Columbia Electric; Co 4 plugs.

9087 NW corner Turk and Taylor Sts; owner, Imperial Grill; contractor, Neon Mtce Corp; sign.

9088 450 Jones St; owner, ...; contractor, Kenyon Spencer, Inc; ....

9089 2532 Kirkham; owner, Swanton; contractor, Byington Electric; ....

9090 929-27 Fulton; owner, Zachary; ....

9091 2213 Broderick; owner, Dalton; contractor, Byington Electric; 1 outlet; 1 switch; 12 plugs; service.

9092 843 Larkin; owner, Aloha Club; contractor, Byington Electric; 1 plug.

9093 4218 3rd St; owner, Puerto Rico Cafe; contractor, Byington Electric; ....

9094 3736 Ortega; owner, Rhuby; contractor, Byington Electric Co; service.

9095 575 Berry; owner, Chas L Harney; contractor, Kuchel & Sievers Electric; 73 outlets; 44 switches; 53 plugs; service.

9096 420 Hooper St; owner, W R Ames & Co; contractor, Kuchel & Slevers Electric; 280 outlets.

9097 128-130 Scott St; owner, Sharman; contractor, State Electric Co; 25 outlets; 17 switches; 18 plugs; service.

9098-99 124-26, 132-34 Scott St; contractor, State Electric Co; 25 outlets; 17 switches; 18 plugs; service.

9100 450 Alabama; owner, Minnesota Mining Co; contractor, State Electric; 4 outlets; 1 switch; 5 plugs; service; motors.

9101 SW corner 17th and Alabama; owner, Dinwiddie Construction; contractor, Geo F Brayer; ....

9102 235 Montgomery; owner, Russ Building; contractor, Russ Building; 2 outlets.

9103 265 Castenado; owner, Stroshelm; contractor, Malm & Welter; 20 outlets; 20 switches; 21 plugs.

9104 1418 Galvez Ave; owner, ...; contractor, Malm & Welter; 3 outlets; 1 plug.

9105 584 Hill; owner, Heaphy; contractor, Malm & Welter; 6 switches; 9 plugs.

9106 Corner Powell & Geary; owner, Hotel St Francis; contractor, Quality Electric; motors.

9107 251 6th St; owner, Duart; contractor, State Electric Co; 44 outlets; 3 switches; 3 plugs; service.

9108 3901 Mission; owner, Miller; contractor, State Electric; 4 plugs; service; motors.

9109 770 Mission; owner, Sun-Knit Co; contractor, State Electric Co; motors.

9110 674 Market; owner, Hut Cone Cafe; contractor, Central Electric; alterations.

9111 870 Market St; owner, Flood Bldg; contractor, Central Electric; 4 outlets; 2 switches; 8 plugs.

9112 341 Taraval; owner, Arnott & Knickerbocker; contractor, Edison Electric; 10 outlets; 5 switches; 10 plugs; service.

9113 3005 Noriega; owner, McKeon; service.

9114 S Quintara 100 W 25th Ave; owner, Pacific Coast Construction; contractor, B J Doherty.

9115 W 46th Ave 200 N Ortega; owner, Pacific Coast Construction; contractor, B J Doherty; ....

9116 634 12th Ave; owner, Helen's; contractor, J K Herzog Electric; 8 plugs; service.

9117 164 South Park; owner, Johnson; contractor, Mohrdick Electric; 10 outlets; 1 switch; 6 plugs; motors.

9118 Sutter and Kearny; owner, Sutter Hotel Beauty Salon; contractor, Mohrdick Electric; 3 outlets; 1 switch; 6 plugs.

9119 56 Sacramento; owner, Johnson & Joseph; contractor, Ets, Hokin & Galvan; 6 outlets; 2 plugs; service.

9120 636 Potrero (basement); owner, Chromograph Mfg Co; contractor, Stone & Ryals Electric; service.

9121 76 1st St; owner, Pacific Fruit Express; contractor, Stone-Ryals; 32 outlets; 6 switches.

9122 5th and Mission Sts; owner, Pickwick Hotel; contractor, Stone-Ryals; 6 plugs.

9123 N Silliman 75 W Holyoke; owner, E Blum; contractor, Grandi Electric; ....

9124 1821 Taraval; owner, ...; contractor, E A Koenig; motors.

9125-30 Various locations and owners; contractor, Electrical Products; signs.

9131 N Beale St team track; owner and contractor, Southern Pacific; 1 outlet; 1 switch; 1 plug; service.

9132 568 5th Ave; owner, ...; contractor, Hubert W Schruner; 3 outlets; 3 switches; 4 plugs.

9133 1887 Union; owner, Oswald Bros; contractor, Enterprise Electric; 2 outlets; motors.

9134 320 Fell St; owner, Stempel's; contractor, Enterprise Electric; motors.

9135 1950 Army; owner, Safeway Stores; contractor, Enterprise Electric; motors.

9136 151 Bayshore Blvd; owner, Consolidated Milling Co; contractor, Atlas Elevator Co; motors.

9137 E 45th Ave 200 N Taraval; owner, Bessinger; contractor, B J Doherty; ....

9138-44 Various locations and owners; contractor, Wonderlite Neon Products; signs.

9145 1689 Church St; owner, Johnson; contractor, Strom & Smith; 2 outlets; 1 switch; 2 plugs

9146-60 Various locations and owners; contractor, Neon Mtce Corp; signs.

9161-62 Various locations and owners; contractor, Brite-Lite Neon Co; signs.

9163 900 Eddy St; owner, D & D Grocery; contractor, Pacific Electrical Const; motors.

9164 1293 Dolores St; owner, Carl Anderson; contractor, Pacific Electrical Const; 8 plugs; service.

9165 1215 Fell St; owner, A & R Auto Reconstruction Co; contractor, Asso Elect & Mech; motors.

9166 766 Cayuga; owner, Anderson; contractor, Arc Electric; ....

9167 W Ralston 200 S Shield; owner, Boyd Lindsay; contractor, Arc Electric; ....

9168 2366 34th Ave; owner, E Dahlberg; contractor, Arc Electric; 12 outlets; 10 switches; 8 plugs.

9169-71 1046-40-34 Alemany Blvd; owner, B Lindsay; contractor, Arc Electric; 10 outlets; 10 switches; 8 plugs.

9172-73 259-263 Ralston; owner, B Lindsay; contractor, Arc Electric; 10 outlets; 10 switches; 8 plugs.

9174 12 Lee; owner, Lind; contractor, Arc Electric; 8 outlets; 5 switches; 3 plugs.

9175 E Justin Dr 100 N Alemany Blvd; owner, H Barber; contractor, Arc Electric; ....

9176 764 Mission St; owner, Ira Friedman; contractor, Chas A Langlais Co; 12 outlets.

9177 Corner Powell and Geary Sts; owner, St Francis Hotel; contractor, Chas A Langlais; ....

9178 182 2nd St; owner, Louis Mayne; contractor, James Electric; 1 outlet; 1 switch.

9179 112 Sagamore; owner, City Tire Co; contractor, Kennedy Electric; service; motors.

9180 1214 Market; owner, Maison Paul; contractor, Century Electric; motors.

9181 1637 Market; owner, ...; contractor, Century Electric; motors.

BERKELEY

65669 2332 Sacramento; owner and contractor, John M Rhoda; 3 outlets; 3 fixtures; 1 plug; 1 circuit.

65670 357 Vermont; owner, F G Hitl; contractor, Paramount Elec; 11 outlets; 10 switches; 13 plugs; 3 circuits.

65671 2618 Parker; owner, B Lindbloom; contractor, Paramount Elec; 32 outlets.

65672 600 University Ave; owner, C M Tiegland; contractor, Paramount Elec; 18 outlets; 18 switches; 7 fixtures; 4 plugs; 6 circuits; 3 motors.

65673 2480 Shattuck Ave; owner, Dwight Way Hdwe; contractor, Paramount Elec; 10 outlets; 10 fixtures; 2 circuits.

65674 2640 San Pablo; owner, ...; contractor, Paramount Elec; 40 fixtures; 16 outlets; 13 plugs; 18 circuits; 9 motors.

65675 2733 Alcatraz; owner, ...; contractor, Paramount Electric; new service.

65676 2822 Claremont; owner, M Morehead; contractor, Paramount Electric; 3 outlets; 3 switches; 3 fixtures; 3 plugs; 1 circuit.

65677 2140 Durant; owner, ...; contractor, Paramount Elec; 2 outlets; 1 switch; 2 fixtures; 2 plugs.

65678 1805 Dwight Way; owner, R M Davis; contractor, Paramount Elec; 5 fixtures.

65679 2290 Telegraph; owner, ...; contractor, Paramount Electric; 7 outlets; 2 switches; 7 fixtures; one plug; 1 circuit.

65680 11 Eucalyptus Road; owner, ...; contractor, College Avenue Elec; 5 outlets; 3 switches; 5 fixtures; 8 plugs; range; 2 motors; 2 circuits.

65681 2512 Regent; owner, ...; contractor, College Ave Elec; 3 outlets; 2 switches; 3 fixtures; 4 plugs; 2 circuits.

65682 1818 Harmon; owner, F J Urguhart; contractor, College Ave Elec; 6 outlets; 4 fixtures; 4 plugs.

65683 2716 Derby; owner, ...; contractor, College Ave Elec; five plugs.

65684 3022 Ashby; owner, ...; contractor, College Ave Elec; new service.

OAKLAND

36756 NW Cor 16th and Telegraph; owner, Latham Square Bldg; contractor, California Electric Co; 12 fixtures.

35757 1037 Adeline St; owner, G R Vaughn; contractor, Payne and Burks; 6 plugs.

35758 360 12th St; owner, Sam Sawer; contractor, T L Rosenberg; 7 fixtures.

35759 4901 Tidewater St; owner, Pacific Box Co; contractor, T L Rosenberg Co; 1 plug; 50-hp motor.

35760 882 52nd St; owner, Shakespear; contractor, Matson Electrical Equip Co; new service; range.

35761 5635 Colton Blvd; owner, Rust; contractor, Paramount Elec Co; outlets; switches; fixtures; pl.

35762 5645 Colton Blvd; owner, Rust; contractor, Paramount Elec Co; outlets; switches; fixtures; pl.

35763 3838 West Street; owner, Lewis Constr Co; contractor, Paramount Elec Co; fixtures; alterations.

35764 343 10th St; owner, Pioneer Beverage Co; contractor, Paramount Elec Co; fixtures; alterations.

35765 1001 35th Avenue; owner, Vanderberg; contractor, Dimond El; 4 outlets; 3 plugs.

35766 1227 50th Ave; owner, Naciel; contractor, Dimond Electric; 6 outlets.

35767 3573 Foothill Blvd; owner, Dr W B Pierce; contractor, Western Neon Corp; signs.

35768 5780 Telegraph Ave; owner, Simpson; contractor, California El Co; 4 outlets; 4 plugs; 1 motor.

35769 SE Cor 18th Ave and East 12th St; owner, Associated Steel Fabricators; contractor, California Electric Co; 4 motors.

35770 5675 College Avenue; owner, Peck; contractor, Jas Anderson; 4 plugs.

35771 2621 Foothill Blvd; owner, Metro Cleaners; contractor, C A Langlais; 2 fixtures.

35772 6602 Shattuck Ave; owner, A Beadell Grocery; contractor, C A Langlais Co; 1 fixture.

35773 6686 Bancroft; owner, W S Mastin; contractor, Fluro Electric; 3 fixtures.

35774 5500 San Pablo Ave; owner, Marvin Branch; contractor, Joseph Taloff; 2 switches; 9 fixtures.

35775 1044 7th St; owner, Valet Cleaners; contractor, T C Moody; 1 switch; motors.

35776 5757 Broadway; owner, Rock Ridge Cleaners; contractor, Thas C Moody; 2 switches.

35777 5751 Broadway; owner, Actlite Sign Co; contractor, Thomas C Moody; sign.

35778 579 Aileen; owner, Maltznal; contractor, Shea Electric; repairs.

35779 1632 104th Ave; owner, Anderson; contractor, Shea Electric; outlets; plugs; service; motors.

35780 ....; owner, Winters; contractor, M F Deach; 7 motors.

35781 1769 Auseon; owner, Wiersmer; contractor, R F Long; 4 outlets; 2 switches; 4 fixtures; 2 plugs; alterations.

35782 10329 Foothill Blvd; owner, Glen Bunker; contractor, Johnston Elec; outlets; switches; fixtures; plugs.

35783 1020 Broadway; owner, Mrs Davis; contractor, T C Mody; one switch.

35784 5757 Broadway; owner, Rock Ridge Cleaners; contractor, Thos C Moody; 2 switches.

35785 403 Wood St; owner, Edwards; contractor, T C Moody; 1 outlet; 1 plug; service.

35786 38th and MacArthur Blvd; owner, Hopkins Market; contractor, Broadmoor Electric; 19 fixtures.

35787 10151 E 14th Street; owner, Geisfeld; contracotr, Broadmoor El; 6 outlets; 1 switch; 6 plugs.

35788 5263 Foothill Blvd; owner, H & W Dime Store; contractor, Broadmoor Electric; service; alterations.

35789 98th Ave and Sunnyside; owner, Auto Lite Battery Co; contractor, Broadmoor Elec; 2 switches; alterations.

35790 6316 San Pablo Ave; owner, White; contractor, A L Solari; 1 outlet; 1 switch; 3 fixtures.

35791 NE Cor 20th and Brush; owner, Glen Sturdevant; contractor, Conrad Electric; service.

Machinery & Material NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Machinery and Equipment 43

42— MISC. SUPPLIES AND MATERIALS

2/27/46 • 42
BIDS WANTED

SAN FRANCISCO—Until March 11, 3 P. M., bids will be received by the purchaser of supplies, 270 City Hall, under Bid No. 3499 for furnishing and delivering armature and field coils for the Municipal Railway.

Specifications obtainable from the above office.

2/27/46 • 42
BIDS WANTED

SAN FRANCISCO—Until March 8, 3 P. M., bids will be received by the purchaser of supplies, 270 City Hall, under Inv. 3498 for furnishing and delivering 2625 carbon brushes for the Municipal Railway.

Specifications obtainable from the above office.

2/27/46 • 42
LOW BIDDERS

COLUMBIA BASIN PROJECT, Washington.—The following submitted low bids to the U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Denver, Colo., under Spec. No. 1155 for furnishing and delivering radio telephone apparatus and miscellaneous accessory apparatus for installation at Grand Coulee Dam, Columbia Basin Project, Washington, f.o.b. shipping point and/or Almira, Wash. All of the apparatus will be installed by the government.

General Electric Co., Denver, $3895, f.o.b. destination; net.

Fred M. Link, New York, $4222.24, f.o.b. destination; net.

Galbin Manufacturing Corp., Chicago, $4322.30, f.o.b. Chicago; net.

2/27/46 • 42
BIDS WANTED

PANAMA CANAL.—Until March 6 bids will be received by the General Purchasing Officer, The Panama Canal, Washington 25 ,D. C., for 20 end door locks, gun-metal finish; 36 water-pipe sleeves; 100 handles for barrel hand trucks; 2000 lbs. foundry wire nails; 1000 asbestos-magnesia block boiler lagging; 15 tons fire clay; 10,000 lbs. fire-clay refractory; 1000 lbs. animal glue; 1000 gallons carbon tetrachloride; 5000 lbs. caustic soda; 10,000 lbs. silica mold wash; 600 lbs. sulphur dioxide, SO2, and 500 lbs. linen wiping cloths; Sch. 8192.

2/27/46 • 42
BIDS WANTED

PANAMA CANAL.—Until March 4 bids will be received by the General Purchasing Officer, The Panama Canal, Washington 25, D. C., for 24 hand taps; 60 do; 66 do; 300 hand plug taps; 204 pipe taps; 18 sets pipe diestocks; 850 cap and set-screw wrenches; engineer's wrenches; pipe wrenches; 60 tap wrenches; box wrenches; 6 sets engineer's wrenches; 6 set S wrenches; 72 monkey wrenches; 12 socket wrenches; 24 machinists bench vises; 12 carpenter's levels and plumbs; Sch. 8180.

2/27/46 • 42
BIDS WANTED

PHOENIX, Ariz.—Until March 11, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Inv. 7237-A for furnishing galv. ground wire, guy wire, galv. steel staples, etc., fob Phoenix, Ariz. and/or points between Phoenix and Tucson, and/or shipping point.

Specifications obtainable from the above office.

2/27/46 42
BIDS WANTED

LOS ANGELES, Cal.—Until March 4, 12 noon, bids will be received by the Los Angeles County Purchasing Agent, 1660 Eastlake Ave., Los Angeles. for misc. mild steel; Quot. 7859.

43— MACHINERY AND EQUIPMENT

2/27/46 • 43
LOW BIDDERS

CENTRAL VALLEY PROJECT, California.—The following submitted low bids to the Bureau of Reclamation, Walker R. Young, chief engineer, Denver, Colo., under Spec. No. 1156 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Redding, Calif., at the option of the bidder, four motor-driven gate hoists for operating the 50x50-ft. regulating gates to be installed in the spillway at Keswick Dam, Kennett Division, Central Valley Project, California. The gate hoists will be installed by the government.

Western Machinery Corp., Portland, Ore., $195,910, f.o.b. Portland; 2% 10 days.

Commercial Iron Works, Portland, $195,963, f.o.b. Portland; net.

Western Gear Works, Seattle, $201,000, f.o.b. Seattle; net.

2/27/46 • 43
CONTRACTS AWARDED

SANTA CRUZ, Calif.—The following awarded contracts by the City of Santa Cruz, City Hall, for supplying maintenance equipment:

Edward R. Bacon Co., 17th and Folsom Sts., San Francisco, $7180, power grader and roller; 60 days' delivery.

Edward F. Hale Co., Hayward, $3600, tandem grader and roller.

Buran Equipment Co., 777 100th Ave., Oakland, $5020, truck crane; 60 days' delivery.

2/27/46 43
BIDS WANTED

LOS ANGELES, Calif.—Until Mar. 1. 10 A. M., bids will be received by the Los Angeles Water and Power Purchasing Agent, Room 1202, 311 S Spring St., for one bridge ramp. "Elizabeth Iron Works" type 3246 or equal; Bid No. 5560.

2/27/46 43
2/27/46 •
BIDS WANTED

BENICIA ARSENAL, Solano Co., Calif.—Until March 5 ,2 P. M., bids will be received by the U. S. Engineer Office, 74 New Montgomery St., San Francisco, for roof leaders in the reclamation building, under Specification No. 1908-2, at the Benicia Arsenal.

Specifications obtainable from the above office.

2/27/46 • 43
LOW BIDDERS

COLOADO-BIG THOMPSON PROJECT, Colorado.—The following submitted low bid to the Bureau of Reclamation, Denver, Colo., under Spec. No. 1169 for furnishing and delivering by trucks at Estes Park government camp near Estes Park, Colo.; Fort Collins government camp near Fort Collins, Colo., and Shadow Mountain government camp near Granby, Colo., or delivery by rail f.o.b. cars at the shippig point or f.o.b. cars at Loveland, Colo.; Fort Collins, Colo., and Granby, Colo., two-bedroom prefabricated, portable and demountable houses for the Colorado-Big Thompson Project, Colorado, as follws: 35 houses for the Estes Park government camp, 35 houses for the Fort Collins government camp and 30 houses fo rthe Shadow Mountain government camp. The houses will be erected by the government.

Winter Weiss Co., Denver, Sched. 1, (1) $98,805, (2) $94,850, (3) $90,360; Sched. 2, (4) $71,855, (5) $71,855, (6) $61,590; ship from Denver; net.

General Housing Co., Dallas, Texas, Sched. 1, (1) $64,907.55, (2) $64,767.98, (3) $56,491.10, f.o.b. Loveland, Fort Collins and Grandby, respectively.

Decatur Lumber Industries, Decatur, Miss., $2975 each, f.o.b. Decatur; 2% 10 days.

Green Lumber Co., Laurel, Miss., Sched. 2, (4) $70,000, (5) $70,000, (6) $60,000, f.o.b. destination; net.

2/27/46 43
BID OPENED

SAN LUIS OBISPO, Calif.—R. B. Snow, Box 534, Santa Maria, submitted only bid to the State Division of Highways, L. H. Gibson, District Engineer, 50 Higuera Street, San Luis Obispo, for rental of (1) one oil distributor, 1190-gal. capacity; (2) one tank truck, 2200-gal. capacity; (3) one tank trailer, 2200-gal. capacity, and (4) one booster truck, 3780-gal. capacity, fob; approx. 60 days' use in Santa Barbara, San Luis Obispo and Monterey counties.

New Hotels

(Continued from Page One)

foreclosure. Hotel recovery was sluggish, as evidenced by the fact that in none of the years up to 1942 did hotels earn even two per cent for interest on their estimated valuation."

Rely on Risk Capital, Advises Herndon

Three-quarters of the funds used to purchase land and construct hotels from 1929 through 1932 was raised on mortgages, according to Herndon, who added: "Recently, Hilton Hotels purchased the Stevens Hotel, Chicago, for 7½ million dollars. It cost $28 million to build. Completed in 1927, it showed a million dollar deficit the following year; lost about $700,000 in 1929 and by 1930 the bonds were selling for a few cents on the dollar.

Small Hotels Suffered, Reports Frawley

Speaking for small investors, Frawley disclosed that some community-financed hotels were the result of a genuine need for modern inns. "But in many cases the idea was planted by a land owner, a contractor, or an outside promoter. A tidal wave of enthusiasm was generated, and anyone resisting became a spoil-sport, totally lacking a sense of civic pride and responsibility," he said.

"Once the idea was slod," he continued, "land was purchased at a big profit to the owner, local contractors were hired at high figures and, as often as not, an inexperienced hotel manager was retained to try to make money from a grossly over-financed property. The result was that a large share of the 81 per cent of the hotels which failed was in smaller cities."

Building Costs Up, Says Andrews

Andrews said: "The definition of the future is 30 to 40 years, not five or ten. Without superior service, we know that the average new hotel might for a while take business from older competitors, but it will not retain it for long. Facts prove that in a short time the occupancy figure will level out and be about the same in all hotels, new and old."

Andrews revealed that many existing hotels would have a definite competitive advantage over new ones "because water has been squeezed out of the old hotels' financing, and fixed capital charges have been reduced."

Classified Advertising

POSITION WANTED

EXPERIENCED SPECIFICATION TYPIST desires temporary work. Write or wire Lillian Price, 1277 Spruce St., Berkeley.
2/27-28, 3/1-4-5/46

CONSTRUCTION SUPT., PROJECT MANAGER, age 35; engineering background; veteran; heavy construction, utilities and earth-moving. Reply Box 226-A, c/o Daily Pacific Builder.
to 2/28/46

DRAFTSMAN, SENIOR, would like part-time work or partner for ready cut and built specialties. E. Carroll, 526 South 11th St., San Jose. Phone BALLARD 8052-W.
2/21-25-26/46

HELP WANTED

EXPERIENCED ENGINEER. Municipal experience preferred. Salary $300 per month. Apply at Personnel Department, Room 215, City Hall, City of Stockton, Stockton, California.
2/26-27-28, 3/1-4/46

JR. ARCHITECTURAL DRAFTSMAN, 2 to 3 yrs. exp. Phone HE. 5804, Painting Division, for appointment. American Building Maintenance Co., 16th and Vermont Sts., S. F.
to Mar. 1, '46

QUANTITY SURVEY MAN for General Bldg. Construction. Must have initiative and good background. Permanent position. Salary open. A. Farnell Blair Co., Inc., 9 Main St., San Francisco. Phone YU. 0390.
2/21-25-26-27-28/46

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PLANS and Speculations

Monterey: Cost of the recommended Navy post-graduate school at Del Monte will run between $25,000,000 and $50,000,000, according to official Washington. The Del Monte site was chosen by a board of high-ranking Navy officials after a nation-wide tour, and has been approved by Secretary Forrestal. Enrollment of more than 3000 officers will necessitate the huge expenditure for dormitory, classroom and other facilities. Final approval of the plan must come from Congress and the Navy.

oOo

Fresno County: The proposed $1,204,000 flood control project on Dry Creek, now authorized by both congress and the state legislature, should save approximately $180,000 in flood damage a year and increase land values in the floor area some $3,000 annually, according to F. G. Christian, head of the planning branch of the Sacramento district office of the U. S. Engineers, which will invite bids on the project shortly.

oOo

Crescent City: The urgent need for lumber for housing projects throughout the nation, may be the deciding factor in determining the construction of the main harbor at Crescent City this year, according to a letter received this week by George E. Tryon, chairman of the Del Norte County Board of Supervisors, from Representative Charles F. Lea. Lumber companies and timber interests in the county have pledged themselves to an almost immediate output of at least 97 million feet of lumber a year, following the completion of the harbor.

oOo

Firebaugh: The board of trustees of the Firebaugh Joint Elementary School District in Fresno County, has decided to proceed at once with a school construction program for which a bond issue of $140,000 was voted just before the war brought to a halt all building not needed for war purposes. Architects David Horn and W. D. Mortland have been instructed to resume the preparation of plans with a view to immediate construction.

oOo

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GROOVER AND I

PERFECT TIMING

The element of timing is involved in all activities of life. Astronomers use time in terms of 187,560 miles per second. Time in the life of a redwood tree is measured in centuries.

★ ★ ★

Timing is involved in everything from phases of love-making as poetry, music and dancing, to the simplest form of cooking, such as boiling an egg.

★ ★ ★

For timing, just watch our Secretary of State Jimmy Byrnes. For instance, the Canadian spy story: Byrnes rushed to the front balcony and announced that no atomic bomb secrets were involved.

★ ★ ★

His timing was perfect! He was just one news-day ahead of a statement out of Moscow that Russia had stolen atomic secrets!

★ ★ ★

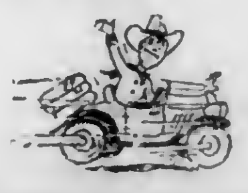
This is just one of the many instances where the State Department has been reversed by the facts. Mr. Byrnes is now claiming that no Americans are involved. Perhaps this means no Americans will be arrested if it would embarrass Russia.

★ ★ ★

Joseph E. Davies, alumnus of the State Department and former U. S. Ambassador to Russia, comes to the defense of the Soviet with his classic remark about Russia's "Moral Right" to obtain atomic bomb secrets through military espionage.

★ ★ ★

This official attitude toward the spy incident is my reason for frequently remarking that our State Department should take out U. S. citizenship papers.



Modglin and Harney Elected Officers Of National AGC

National recognition of two San Francisco construction contractors, B. F. Modglin, of the M & K Corp., and Charles L. Harney, of the construction company bearing his name, was made during the 27th annual convention of the Associated General Contractors of America in Chicago last week when these men were elected national directors of the association.

Past presidents and directors of the Northern California chapter of the contractors association, Mr. Modglin and Mr. Harney have for many years played a large part in the construction of many outstanding western projects. During the war their companies built some of the largest Army and Navy installations on the coast.

#

Frank T. Crowe, Boulder and Shasta Superintendent, Dead

Frank T. Crowe, 63, construction superintendent on Boulder and Shasta dams and internationally-noted construction engineer, died last Tuesday in his home in Redlands, Calif.

Known as a "hardrock" engineer, Mr. Crowe has been associated with nearly every major western reclamation job. He was active in construction of Yellowstone, McDonald Lake and Guernsey projects in Wyoming; Arrowrock and Deadwood dams in Idaho; Tieton in Washington and the Van Giesen in California.

He was born in Trenholmville, Canada, and graduated from the University of Maine in 1905. The following year he joined the Bureau of Reclamation and in recent years has been consultant engineer on dams and power plants for a group of prominent California contractors.

He is survived by his widow and two daughters.

For Better Building - -
A Central Vacuum Cleaning System

Modern efficient dustless vacuum cleaning is now available to homeowners in a small compact unit which is installed in the home preferably at time of building. The Unit, manufactured by the Spencer Turbine Company, Hartford, Conn., makers of vacuum cleaning equipment, has already been installed in many of the country's leading hotels, theaters, office buildings, and larger residences.

It is comprised of a series of pneumatic steel tubes sealed with streamlined aluminum castings which carry the dirt picked up in various rooms of the home to a central dire repository through the aid of a powerful vacuum producer.

The housewife operates only a flexible hose, similar to a portable vacuum cleaner, attaching the particular cleaning nozzle or tool required to do the job. This hose is attached to any of the outlets installed in all rooms of the home, including garage and basement. The dirt is whisked down to the basement via the pneumatic tubes and in a jiffy the room is clean with no bulky contrivances to continually move around, such as required by ordinary cleaners.

A labor saver for the housewife, it's easy to handle and operate. The man of the house will want to use it. He will find it a pleasure to clean the upholstery of his car, to remove dirt from the furnace and heating ducts with the Spencer Vacuum Cleaning equipment.

No cleaning job is too difficult for this equipment. It will remove cobwebs, polish linoleum, clean walls, draperies, rugs, floors, furniture and a hundred other things.

The Spencer Vacuum Cleaning system is easily installed in any home or factory, hotel, theater or office. Once installed you have a system which is built to serve and will prove satisfactory for a lifetime—with only infrequent oiling of the vacuum producing machinery to think about.

Any mechanic will tell you that a Spencer System is built to outlast small portable machines many times over. Many of these systems are in satisfactory operation throughout the country after more than a quarter century of use. It is an economy as well as a luxury —you can't afford to be without it in your new home.

Spencer representatives will submit a plan for the location of outlets in your home, designing an arrangement of sufficient outlets convenients to your needs. They will also help you select the vacuum tools you will need for the specialized cleaning operations in your home.

Lester F. Scott, factory representative in this area, has offices at 55 Brady Street, San Francisco, and will answer any questions about this modern, convenient, efficient method of household cleaning.

Did You Know That . . .

Don Kimball, George King and **Herbert Ginsberg** have been operating as the **Endurance Metal Products Company** for the past several months. The firm has the organization and facilities to make a diversified line of products for the construction industry. Present production includes light steel buildings for service stations and industrial purposes, miscellaneous iron and bronze items, and sheet metal work.

Each of the partners has had a background of twenty or more years experience in the metal fabrication business. "Empco" is located at 7490 Mission Street, Colma. Telephone JUniper 6-0352.

—O—

The California State Personnel Board has announced an opening for the position of Architectural Property Analyst. The final date for filing applications is March 27. Examination date has been set for April 11. Further information can be obtained from the offices of the "Builder". Complete information is obtainable from the California State Personnel Board.

E. L. Christian Appointed Assistant CVP Water Master

Eugene L. Christian, an engineer who for 20 years has been handling diversions from the San Joaquin River for private irrigation companies, including Miller & Lux, has been appointed Assistant Water Master of the Central Valley Project, Richard L. Boke, Regional Director of the Bureau of Reclamation, announced today in Sacramento.

Christian will assist Martin H. Blote, Chief of Irrigation Operations, of the Branch of Operation and Maintenance.

"Because of his familiarity with the behavior of the San Joaquin River, Christian is a welcome addition to our regional staff", said Boke. "With Friant and Shasta dams and the Madera and Contra Costa canals in partial operation and with construction under way on the Friant - Kern Canal and about to begin on the Delta-Mendota Canal, his experience will be of great value in the Bureau's preparation for full operation of these project features."

Christian, a native of Oregon, has been a resident of the San Joaquin Valley for 25 years. He is married and has one son.

Architects And Engineers Joint Meeting March 5

J. Francis Ward, AIA, and Wm. Popert, engineer, are chairmen for the dinner meeting of the Northern California Chapter of American Institute of Architects and the Sturctural Engineers Association of Nothern California. This meeting is to be held at the Engineers Club in San Francisco on Tuesday, March 5, with assembly scheduled for 5:30 p. m., and dinner to begin at 6:15.

The meeting will be a symposium on "Building Codes and Their Relationship to Modern Construction", with the following speakers giving talks on particular phases of the subject: Mark Falk, engineer, "An Approach to a Rational Solution of the Earthquake Problem"; Vincent Raney, architect, and member AIA Chapter Committee on Building Codes, "Conflicting and Overlapping Regulations Affecting Building Designs"; Harold Engle, engineer, "Suggestions for Improvement of Fireproofing Requirements in Building Codes".

L. Harold Anderson, President, California Railroad Commission, will act as moderator.

This is a very important meeting for the profession. Members are urged to attend and bring their guests.

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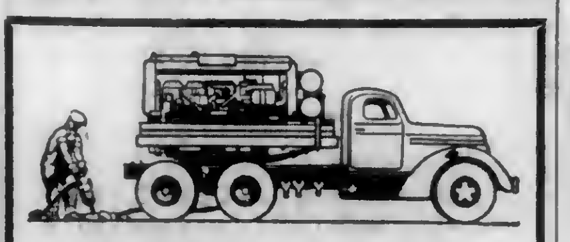

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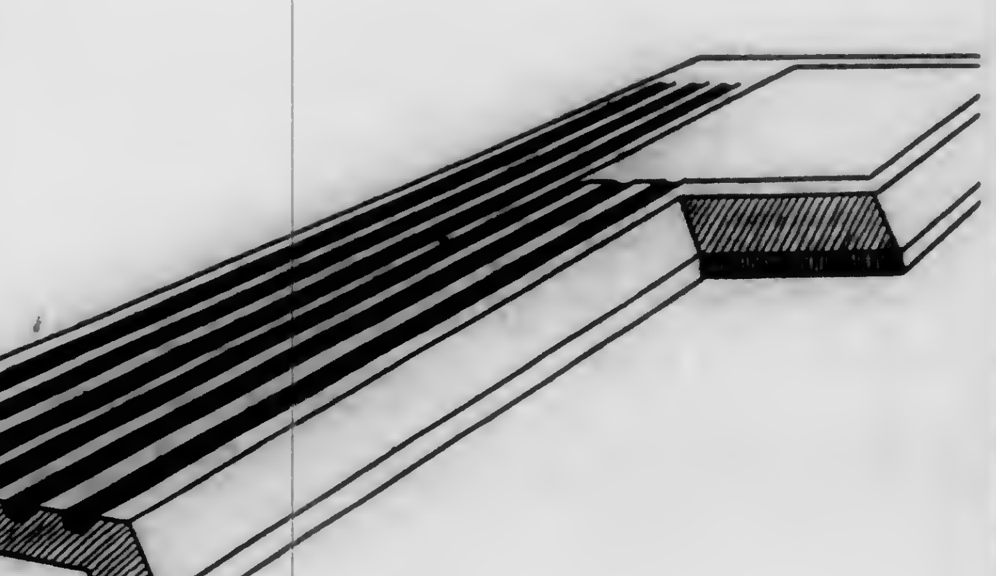

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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1-8—COMMERCIAL BLDGS.

2/28/46 8
TO START WORK
DISPLAY ROOM
GRASS VALLEY, Nevada Co., Calif. S. Auburn St., vacant lot adjoining the Richfield Oil distributing plant and the Grass Valley Public Market
Construction of Willys-Knight display room (prefabricated).
Owner—Howart Staats, 312 Colfax Ave., Grass Valley.
Work will start as soon as materials become available.

2/28/46 4
PRELIMINARY PLANS COMPLETED
MEDICAL-DENTAL BUILDING Cost, $20,000
WALNUT CREEK, Contra Costa Co., Calif.
Construction of one-story medical-dental building, wood siding on exterior, wood sash, linoleum floors, hot-air heating system, etc.
Owner—Withheld.
Architect—J. Clarence Felciano, 4010 Montecito Ave., Santa Rosa.

2/28/46
PLANNED
MONUMENT Est. Cost $8000-$10,000
WOODLAND, Yolo County, Calif.
Erection of granite monument in proposed veterans' memorial park (526x280 ft.), to be enclosed by Third St., Hollister Rd., Oak Lane and Woodland Ave. A complete playground for children will also be constructed and the city plans to build a tennis court on the property.
Owner—Yolo Post of the American Legion No. 77, Bush St., Yolo, Geo. Hazeman, chairman.

2/28/46 6
STARTING WORKING DRAWINGS
STORE BUILDING
SAN JOSE, Santa Clara Co., Calif. First Street.
Construction of two-story and basement store building.
Owner—Lerner Shops, Inc., 8675 W. Third St., Los Angeles.
Architects—Wurdeman & Becket, 3757 Wilshire Blvd., Los Angeles.

2/28/46
PREPARING PLANS
LOS ANGELES, Calif.—Architect H. W. Underhill, 4958 Valley Ridge Ave., Los Angeles, is preparing plans for the construction of a two-story building containing 5 stores, market and offices on the east side of Lincoln Blvd. near 84th Place, for Max Ray Investments, 6516 W. 86th Place, Los Angeles. It will contain 16,000 square feet of floor space; estimated cost is $100,000.

2/28/46 8
SUB-CONTRACTS AWARDED
LOS ANGELES, Calif. — Baruch Corp., 625 S. Olive St., Los Angeles, awarded the following subcontracts for a new service building the corporation is erecting at Jefferson St. and Grand Ave., Los Angeles, for the May Co.; estimated cost, $1,500,000.
Plumbing—Lohman Bros., 1149 S. San Pedro St., Los Angeles.
Heating—Howe Bros., 1198 S. San Pedro St., Los Angeles.
Electric—Commercial Electric Co., 180 Glendale Blvd., Los Angeles.
Plans were prepared by Architect A. C. Martin, 233 Higgins Bldg., Los Angeles, and Samuel A. Marx, Chicago, Ill., consulting architect.

2/28/46 3
PREPARING PLANS
LOS ANGELES, Calif. — Architect A. C. Munson, 728 Fidelity Bldg., 548 S. Spring St., Los Angeles, is preparing plans for a 3-story, reinforced concrete loft building to be built at Olympic Blvd. and Wall St., Los Angeles, for the Goss Coated Fabrics Co.; 104x145 feet in area.

2/28/46 • 4
CONTRACT AWARDED
MEDICAL-DENTAL BUILDING
SAN MATEO, San Mateo Co., Calif. San Mateo Dr.
Construction of 1-story frame medical-dental building containing 8 suites; panel heating.
Owner—Norman Morrison Jr.
Architects—Ward & Bolles, 369 Pine St., San Francisco.
Contractor—Oscar L. Cavanagh, 432 Occidental Ave., San Mateo.

Wanted
ARCHITECTURAL DRAFTSMAN, to work for long established ARCHITECTURAL FIRM. Applicant must be experienced in all types of DESIGN and WORKING DRAWINGS. High salary, ideal working conditions. Centrally located in East Bay. Reply Box 228-A c/o Daily Pacific Builder.

2/28/46 • 6
LOW BIDDER
STORE BUILDING
BERKELEY, Alameda County, Calif.
Construction of reinforced concrete store building.
Owner—University YMCA, Berkeley.
Architects—Miller & Warnecke, Financial Center Bldg., Oakland.
Low Bidder—John M. Bartlett, 1706 Parker St., Berkeley.

2/28/46 • 6
LOW BIDDER
STORE BUILDING
OAKLAND, Alameda County, Calif. Broderick Street.
Construction of reinforced concrete store building.
Owner—Norman Ogilare, c/o architest.
Architects—Miller & Warnecke, Financial Center Bldg., Oakland.
Low Bidder—Empire Construction Co., Ltd., 344 Harriet St., San Francisco.

2/28/46 8
CONTRACT AWARDED
ALHAMBRA, Los Angeles Co., Calif.—The Louis C. Dunn Co., 417 S. Hill St., Los Angeles, awarded contract for remodeling store building at 241-45 E. Main St., Alhambra, for the Owl Drug Co., 355 S. Broadway, Los Angeles. The work consists of installing new metal studs, metal lath and plaster, new store front, terrazzo floor, electrical and plumbing work for soda fountain, toilets, etc.; cost, $25,000

2/28/46 4
PREPARING PLANS
NORTH HOLLYWOOD, Los Angeles Co., Cal.—Scherer-Ayers & Associates, architects, 13,111 Ventura Blvd., North Hollywood, are preparing plans for a two-story store and office building to be built on Ventura Blvd., North Hollywood, for Cliff Swanson; masonry and concrete walls, composition roofing, steel sash plate and structural glass, cement, wood and asphalt tile floors, toilets, interior plastering. Cost, $60,000.

2/28/46 8
COMPLETING PLANS
VAN NUYS, Los Angeles Co., Cal. —Robinson and McDowell, engineers, 2425 Gundry Ave., Long Beach, are completing plans for construction of a three-story department store building 50x65 feet in area, and will remodel an existing building, 50x135 feet in area, at 6469 Van Nuys Blvd., Van Nuys, for Morey Rosenthal. The new building will be constructed of reinforced concrete and concrete blocks; plate glass, pine and terrazzo floors, structural steel mezzanine, elevator, heating, ventilating, plumbing and electrical work; estimated cost $75,000.

2/28/46 4
PLANS BEING PREPARED
LOS ANGELES, Calif.—Saul H. Brown, architect, and W. D. Treadway, engineer, 2412 W 7th St., Los Angeles, have completed plans and bids are being taken for the construction of a three-story loft building on Maple Ave. between 8th and 9th Sts., Los Angeles, for J. Maler and J. Bayer. It will cover an area 238x96 ft. Bids will be submitted March 12.

2/28/46 4
PLANNED
SAN MARINO, Los Angeles Co., Cal.—L. E. Shepard and E. R. Morgan, 2300 Huntington Drive, San Marino, will erect a two-story store and office building at 2300-16 Huntington Drive, San Marino, for selves; 100x120 ft. in area, to contain seven stores on ground floor and 15 offices on second floor. Cost, $150,000. Plans prepared by Jay Ellsworth, architect, Palm Springs.

2/28/46 • 4
BIDS WANTED
SAN FRANCISCO—Until March 19, 3 P. M., bids will be received by the Public Utilities Commission, Room 287 City Hall, under Municipal Railway Contract No. 244 for construction of central control office of Geary carhouse.
Specifications obtainable from the office of the cashier, 6th floor, 425 Mason St., upon deposit of $10.

2/28/46 • • 8
COMPLETING WORKING DRAWINGS
OFFICE BUILDING
SAN JOSE, Santa Clara Co., Calif. 817 The Alameda.
Construction of office building containing 12,000 sq. ft. floor area.
Owner—Richmond-Chase Co., 64 W. Santa Clara St., San Jose.
Architects — Wurster, Bernardi and Emmons, 402 Jackson Street, San Francisco.
Contractor—Carl N. Swenson Co., 355 Stockton Ave., San Jose.

2/28/46 • 4
BIDS WANTED
OAKLAND, Alameda Co., Calif.—Until March 11, 4 P. M., bids will be received by the Oakland Port Commission, foot of Grove St., Oakland, for painting interior of airport office building.
Specifications obtainable from the above office.

Sawmill For Sale
SOUTHERN OREGON
S. P. TRACKS
NOW CUTTING 60M. FT. PER 8 HOURS. LOADING DOCK; SORTING CHAIN; ROSS CARRIER; PLANER
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801 Petroleum Bldg. Los Angeles

2/28/46 • • 6
PREPARING PLANS
SHOP AND STORE BLDG.
PALO ALTO, Santa Clara Co., Cal. High Street.
Construction of shop and store bldg. with 75 ft. frontage.
Owner—Sellar Tire Service, 513 High St., Palo Alto.
Architect—Leslie I. Nichols, 156 University Ave., Palo Alto.

2/28/46 • • 8
CONSTRUCTION UNDERWAY
ALTER BUILDING
SAN FRANCISCO Sutter and Kearny Streets.
Alterations to building involving enlargement of record and radio departments and addition of an appliance department.
Owner—Sherman Clay & Co., Sutter and Kearny Sts.
Architects — Wurster, Bernardi and Emmons, 402 Jackson Street.
Contractor—Cahill Bros., Inc., 206 Sansome Street.

2/28/46 • 4
BIDS WANTED
OAKLAND, Alameda Co., Calif.—Until March 11, 4 P. M., bids will be received by the Oakland Port Commission, foot of Grove St., Oakland, for furnishing floor covering for interior of airport office building.
Specifications obtainable from the above office.

2/28/46 • 2
BIDS WANTED
OAKLAND, Alameda Co., Calif.—Until March 18, 4 P. M., bids will be received by the Oakland Port Commission, foot of Grove St., Oakland, for construction of addition to hangar 2D.
Specifications obtainable from the above office

2/28/46 • 4
PREPARING PLANS
COMMERCIAL BUILDING
PALO ALTO, Santa Clara Co., Calif. California Ave.
Construction of five-story reinforced concrete commercial building.
Owner—Pine Company.
Architect—Leslie L. Nichols, 156 University Ave., Palo Alto.

2/28/46 3
WORK UNDER WAY
PACKING PLANT
REEDLEY, Fresno County, Calif. Dinuba Ave.
Construction of the Western States Fruit Co. plant (60x30 ft.).
Owner—D'Arrigo Bros. Co., 1052 E. William St., San Jose.
Contractor—J. H. Carpenter, P. O. Box 224, Reedley, Calif.

2/28/46 • 3
WORK UNDER WAY
PACKING PLANT Est. Cost, $15,000
REEDLEY, Fresno County, Calif. 16th and H Sts.
Construction of fruit packing plant (80x90 ft.).
Owner—Youngstown Grape Distributors, Irving Goldberg, Youngstown, Ohio, and J. D. Young, Selma, Calif.
Architect—Not given.
Contractor—J. H. Carpenter, P. O. Box 224, Reedley, Calif.

2/28/46 • • 8
COMPLETING SKETCHES
ALTO SALES BLDG.
OAKLAND, Alameda Co., Calif. E. 14th and High Streets.
Construction of an automobile sales room and garage.
Owner—Jelton Motor Co., 4030 East 14th St., Oakland.
Architects—Wurster, Bernardi and Emmons, and Hawrell Hamilton Harris, associate, 402 Jackson St., San Francisco.

9-10—EDUCATIONAL BUILDINGS

2/28/46 • 9
BONDS VOTED
SCHOOL ADDITIONS Cost $1,150,000
SAN MATEO, San Mateo Co., Calif.
Construction of immediate city-wide schoolhouse construction and improvement of existing school plant facilities.
Owner—San Mateo Elementary School District, Albion H. Horrall, superintendent of schools, 120 N. Ellsworth Ave., San Mateo.
The district voted February 26 to issue bonds in the amount of $1,150,000 to finance schoolhouse construction, including:
(1) Borel School, two large wings and gymnasium, $254,200;
(2) Sunnybrae School, two classroom wings, administrative wing and cafeteria, $254,100;
(3) Baywood School, auditorium and play area, $95,475;
(4) Beresford School, replacement of old buildings with new wing, cafeteria and play area, $159,000;
(5) Hayward Park School, repairs and fixtures, $10,000;
(6) Lawrence School, classroom wing, $75,625;
(7) Laurel School, two classroom wings, administration wing, cafeteria and yard, $194,150;
(8) San Mateo Park School, repairs and fixtures, $10,000;
(9) Turnbull School, classrooms, etc., $63,225

2/28/46 9
PREPARING WORKING DRAWINGS
NORWALK, Los Angeles Co., Calif. Architects Kistner, Curtis & Wright, Architects' Bldg., 816 W. 5th St., Los Angeles, have started working drawings for the construction of new elementary school buildings at Rosecrans and Norwalk Blvd., Norwalk, for the Norwalk School District, Reginald Benton, superintendent, Walnut and Funston Sts., Norwalk. The project will consist of four classroom buildings with three classrooms each; a building to contain food, clothing, science, art rooms and library; an administration building, a cafeteria and assembly building, shop building, warehouse building and bus garage building for a total of approximately 47,000 sq. ft. of floor space; $450,000.

2/28/46 9
BONDS VOTED
SCHOOL BUILDINGS Cost, $600,000
REDWOOD CITY, San Mateo Co., Calif.
Construction of (1) manual arts and homemaking building and gymnasium at McKinley Elementary School, Duane St. and James Ave., $160,000; (2) alterations and repairs to Lincoln Elementary School, Whipple Ave. and Oakdale St., $12,000; (3) 4-classroom addition to John Gill Elementary School, Jefferson Ave., between Avenue del Ora and Myrtle St., $70,000; (4) alterations and repairs to Washington Elementary School, Woodside Rd. and Cypress Ave., $20,000; (5) Central Elementary School, Broadway and Middlefield Rd.; (6) Garfield Elementary School, Middlefield Rd. and Fifth Ave.
Owner — Redwood City Elementary School District, Andrew Spinas, superintendent, Redwood City.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco.
The school district voted February 26 to issue bonds in the amount of $600,000 to finance construction of the above.

2/28/46 3
WORK UNDER WAY
RECEIVING SHED Est. Cost, $10,000
REEDLEY, Fresno County, Calif. Across the street from main building at 8th and H Sts. on the Santa Fe Railroad line.
Construction of receiving shed.
Owner — California Fruit Exchange, Holland Bldg., Fresno.
Contractor—J. H. Carpenter, P. O. Box 224, Reedley, Calif.

2/28/46 • • 10
PREPARING WORKING DRAWINGS
ENGRG. BLDG. ADDN.
KENTFIELD, Marin Co., Cal. Marin Junior College Campus.
Construction of two-story reinforced concrete and frame addition to the Engineering Building.
Owner—Marin Junior College Dist., W. H. Austin, principal, Kentfield.
Architect—Arnold S. Constable, 95 Spencer Ave., Sausalito.

2/28/46 • • 10
BIDS WANTED—TO BE OPENED MARCH 14, 8 P. M.
MAINTENANCE BLDG.
KENTFIELD, Marin Co., Cal. Marin Junior College Campus.
Construction of one-story concrete block maintenance building.
Owner—Marin Junior College Dist., W. H. Austin, principal, Kentfield.
Architect—Arnold S. Constable, 95 Spencer Ave., Sausalito.
Plans and specifications may be obtained at the office of the Junior College in the main building at Kentfield upon deposit of $25, returnable.
Each bid must be accompanied by certified check payable to Marin Junior College District in amount of 5% of bid.

2/28/46 • • 9
BID OPENED
SAN FRANCISCO.—Adam Arras & Son, 116 New Montgomery St., at $3,333 submitted only bid to the Department of Public Works, Room 282, City Hall, for alterations and additions to Room 207 Hall of Records, Kearny and Washington Streets; Job No. 498.

2/28/46 • • 9
BIDS OPENED
SAN FRANCISCO—Patrick N. Sofarelli, 20337 Anita Ave., Hayward, at $1,840 submitted low bid to the Department of Public Works, Room 282, City Hall, for alterations to Rm. 164, Traffic Fines Bureau, City Hall.
Other bidders were:
N. O. Wiseth, $1,875.
Bureau of Bldg. Repair, $1,924.
Adam Arras & Son, $2,190.

2/28/46 • • 9
BID OPENED
SAN FRANCISCO.—Adam Arras & Son, 116 New Montgomery St., at $5,249 submitted only bid to the Department of Public Works, Room 282, City Hall, for general construction of covered porch at Miraloma School, Omar and Sequoia Way; Job No. 497.

11—HOSPITALS

2/28/46 11
PLANNED
CLINIC Est. Cost, $100,000
SAN MATEO, San Mateo Co., Calif. 17 Baldwin Ave.
Construction of concrete clinic building (100x100 ft.).
Owner — San Mateo Clinic, 23 2nd Ave., San Mateo.
A three-story structure on the site will be razed to make way for the clinic.

2/28/46 • 11
LOW BIDDERS
HOSPITAL GROUP
GRAND JUNCTION, Colo. Northeastern section of city.
Construction of group of hospital buildings of brick fireproof construction; 14 units to cover a plat of 40 acres. The hospital will provide 140 beds and work will include officers' building, nurses' building, attendants' quarters building, storehouse, garage, boilerhouse, utility shops building and laundry.
Owner — Veterans' Administration, Washington, D. C.

General Work

Olson Construction Co., 250 E. 1st St., Salt Lake City, Utah, $2,243,500, (alt. a) add $191,000, (alt. b) add $108,900, (alt. c) add $24,900, (alt. d) add $105,100, (alt. e) deduct $9775, (alt. ez) add $1140, (alt. eb) add $570, (alt. f) deduct $3200, (alt. g) deduct $8000, (alt. h) add $8400, (alt. ha) add $850, (alt. hb) add $450, (alt. hc) add $12,500, (alt. i) deduct $1800, (alt. 1a) add $145, (alt. 1b) add $160, (alt. 1c) deduct $10, (alt. id) deduct $10, (alt. 1f) add $670.

Robert E. McKee, Los Angeles, $2,300,000, (a) add $230,000, (b) add $120,000, (c) add $40,000, (d) add $130,000, (e) deduct $5000, (ea) add $400, (eb) add $200, (f) add $12,000, (g) deduct $1000, (h) add $10,000, (ha) add $1000, (hb) add $3000, (hc) add $11,000, (i) deduct $1800, (1a) add $150, (1b) add $175, (1c) add $10, (1d) add $8, (1f) add $750.

Electric Elevators

Murphy Electric Co., Louisville, Ky., $85,650, (alt.) $17,733.
Otis Elevator Co., $94,642, (alt.) $24,864.

Refrigeration Equipment

Hugh Robinson & Sons, Los Angeles, $50,000.
Pacific Marine Refrigeration Co., $56,900.
Kohlenberger Engineering Co., Fullerton, $59,000.

Steel Water Tank and Tower

Chicago Bridge & Iron Co., Washington, $29,960.

12-13—INDUSTRIAL BUILDINGS

2/28/46 • 12
PLANNED
WOODWORKING PLANT Cost, $300,000
SANTA CLARA ,Calif. Between Santa Clara-Alviso Rd. and Southern Pacific Railroad tracks.
Construction of reinforced concrete woodworking plant covering 40,000 square feet.
Owner—Oregon Woodwork, Ltd., 8137 SE. Stark, Portland, Ore.
Architect—Not announced.

2/28/46 12
CONTRACT AWARDED
SEATTLE, Wash.—Raymond Concrete Pile Co., 816 W. 5th St., Los Angeles, and care of the Ford Motor Co., Northern Life Tower Bldg., Seattle, Wash., awarded a contract for placing approximately 700 wedge-type composite piles and constructing foundations for a new factory building to be built on 4th Ave. S., Seattle, Wash., for the Ford Motor Co. General contract bids for the plant itself are now being taken from a group of selected contractors.

2/28/46 12
PLANNED
LOS ANGELES, Calif.—The Austin Co., A. E. Schmidt, engineer, 777 E. Washington Blvd., Los Angeles, will build a steel frame factory building on Valley Blvd., Los Angeles, for the Square D Electric Co.; $350,000.

2/28/46 13
BIDS POSTPONED—TO BE OPENED MARCH 12, 11 A. M.
STEAM DISTRIBUTION, ETC.
INYOKERN, Kern County, Calif. Naval Ordnance Test Station.
Construction of steam distribution and alteration of heating systems, Area FH, under Spec. No. 17505, NOy 13344. The work involves the installation of steam heating facilities in additional buildings and the existing underground steam distribution system extended to provide service thereto which, in general, will consist of underground steam main, laterals and condensate return piping, concrete manholes, condensate return pump, fittings and accessories, together with steam and return piping and accessories in the buildings; adapt portions of existing hot water circulating system in various buildings to steam distribution and instal lelectric hot water heaters and other equipment necessary to provide hot water service for purposes other than space heating.
Owner—Bureau of Yards and Docks, Officer in Charge of Construction, Naval Ordnance Test Station, Inyokern, Calif.
Engineers—Holmes & Narver, 626 S. Spring St. ,Los Angeles.
Bid opening date postponed from March 5.
Plans and specifications may be obtained from the officer in charge, NOTS, Inyokern, upon deposit of check or postal money order for $15, payable to the Chief of the Bureau of Yards and Docks.
A set of plans and copy of specifications are now on file for examination at the office of DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco.

2/28/46 12
PREPARING PLANS
SAN BERNARDINO, Calif.—Architect Harold Cross, 124 W 4th Street, Los Angeles, is preparing preliminary plans for construction of a one-story factory on the south side of Rialto Ave., near H St., San Bernardino, for Kirk & Weideman, 740 S Broadway, Los Angeles; 22,000 sq. ft. of floor space; special heating system inlaid in floor; est. cost, $50,000.

2/28/46 12
WORK STARTED
POMONA, Los Angeles Co., Calif.—W. P. Stover, 116 N. Alexander Ave., Claremont, is starting work on the construction of a factory and administration building on a 10-acre site at the northeast corner of Reservoir St. and Lexington Ave., Pomona, for the Salisbury Motors, Inc., a subsidiary of Northrup Aircraft, Inc. The structure will cover 65,000 square feet of floor space and will be steel and reinforced concrete construction. Estimated cost is $1,000,000. Plans are being completed by Architects Kaufmann, Lippincott & Eggers, 627 S. Carondelet St., Los Angeles.

14-17—PUBLIC BLDGS.

2/28/46 14
BIDS WANTED
NORWALK, Los Angeles Co., Calif. —Until March 19, 10 A. M., bids will be received by the Los Angeles County Board of Supervisors, 501 Hall of Records, Los Angeles, for the construction of a concrete roller skating rink in Norwalk Park, 701 E. Sproul St., Norwalk; Specification No. 789; 45 days for completion.
The bids will be taken as follows:
Proposition A—Lump sum for roller rink complete, 100x50 ft.
Proposition B—Lump sum for roller rink complete, 90x50 ft.
Bidders may bid on either or both of the above propositions.

2/28/46 • 15
CONTRACT AWARDED
SAN FRANCISCO.—State Sign Co., 808 7th St., at $42.50, awarded contract by the Department of Public Works, Room 282 City Hall, for sign lettering in the Bureau of Engineering.

2/28/46 • 15
BIDS WANTED
SAN FRANCISCO.—Until March 6, 1:45 P. M., bids will be received by the Department of Public Works, Room 282 City Hall, for installation of acoustical tile in the controller's office, City Hall.
Plans and specifications obtainable from the office of City Architect Dodge A. Riedy, Room 265, City Hall, upon deposit of $5.

WANTED
FOR SALE • FOR RENT
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CEMENT MIXER, JAEGER, Size 14M, with HOPPER, WATER TANK and 5 H.P. ELECTRIC MOTOR. 705 Atherton St., Hayward, Calif.
to Mar. 1, 1946

FOR RENT

LUMBER HANDLING EQUIPMENT: CARRIERS, STACKERS, TRUCKS. Call Mac, Pacific Carriers. Oakland. KE 4-1651.

WANTED

WORK FOR D 8 TRACTORS, CARRYALLS and TERRA COBRAS. Phone Stockton 66639. tf

WANTED TO BUY OR RENT

Small-single DRUM HOIST, gasoline driven. Phone YU. 0656. Leave message. to Mar. 1, '46

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Tube Steam Radiation, Spec. No. 17460, NOy 13296	San Leandro	3- 8
Street Lighting, NOy 13343, Spec. 17504	Inyokern	3- 5
Steam Distr. and Alter Heating Sys. NOy 13344; Spec. 17505	NOTS, Inyokern	3-12
Roads, Parking Area NOy 13342, Spec. 17503	Inyokern	3-12
Earthwork, Canal Lining, Spec. 1171	Friant-Kern Canal	3- 5
Spec. 1172 Earthwork, Canal Lining,	Friant-Kern Canal	3-12

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Superstructure, Shop Bldg. No. 411. Shipfitters and Boilermakers Shop, San Francisco Naval Shipyard; Bids open March 4, 11:00 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
A. Farnell Blair, 9 Main St., San Francisco (YUkon 0390)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co. 923 Folsom St., San Francisco (SUtter 3440).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Truck Terminal, Ore.-Nev.-Calif. Fast Freight; Bids open Mar. 1, 2 P. M.
Jacks & Irvine, 620 Market St., San Francisco (GArfield 2106)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624)
Biltwell Constr. Co., 4745 Geary Blvd., San Francisco (BAyview 5947)
H. E. Rahlman, 251 Kearny St., San Francisco (DOuglas 8023).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

Shell Chemical Shop and Storage Bldg., Shell Point; Bids open March 6
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)

Escalator and Elevator Additions, Lincoln Bldg., 867 Market Street, San Francisco; Bids open March 12, 3:00 P. M.
Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco (EXbrook 5616)
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)

Laurel School, San Mateo; Bids open February 28, 8 P. M.
B. & R. Constr. Co., 268 Market St., San Francisco (DOuglas 7516).
C. F. Parker, 1644 Monterey Blvd., San Francisco (OVerland 3723).
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317)

Theatre Bldg., Guerneville; Bids open March 6, 12 Noon.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).

Schools, Castro and Alvarado Sts., Richmond; Bids open March 6, 8 P. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Elmer J. Freethy, 1432 Kearney St., El Cerrito (Landscape 5-3811).

Superstructure for Ordnance Shop, San Francisco Naval Shipyard; NOy 12968; Spec. 17152; Bids open March 18, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
E. S. McKittrick Co., 610—16th St., Oakland (TWin Oaks 5070).

Alter Apt. House, 601 O'Farrell St., San Francisco; Bids open March 10
G. P. W. Jensen & Sons, Inc., 320 Market St., S. F. (GArfield 2444)

Esberg Residence, 16th Ave. and Presidio, S. F.; Bids open Mar. 8, 2 P. M.
G. P. W. Jensen & Sons, Inc., 320 Market St., S. F. (GArfield 2444)

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TIMBER TRUSSES
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ADVANCE CONSTRUCTION REPORTS

2/28/46 • 15

CONTRACT AWARDED

SAN FRANCISCO.—Western Asbestos Co., 675 Townsend St., at $943, awarded contract by the Department of Public Works, Room 282 City Hall, for installation of acoustical tile in office of Bureau of Building Inspection; No. 499.

2/28/46 • 16

BIDS OPENED

MONROVIA, Los Angeles Co., Calif.—Dayton Engineering Co., Huntington Park, at $2125, submitted low bid to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting at U. S. Post Office, Monrovia.

Other bids were:

Williams & Kelly, Los Angeles, $2274.

Klass Bros., Los Angeles, $2483.

Dan Sullivan, Santa Monica, $2565.

R. A. Newman, McMinnville, Ore., $2850.

Fred Wopschall, Pasadena, $3370.

Van Daele, $3600.

Grohme Co., Decatur, Ill., $4230.

2/28/46 • 16

BIDS OPENED

NAPA, Napa Co., Calif—Nick Hemminga, 627 38th Ave., San Francisco, at $1756, submitted low bid to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for concrete sidewalks and driveway, terra cotta tile and miscellaneous repairs at the U. S. Post Office, Napa.

Other bids were:

P. Sofarelli, Hayward, $1880.

C. E. Wait, San Francisco, $2545.

2/28/46 • 16

BID OPENED

TACOMA, Wash.—Otis Elevator Co., 1 Beach St., San Francisco, at $193, submitted only bid to the office of district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for alterations to elevator hoistway doors in the U. S. Post Office and Courthouse, Tacoma, Wash.

2/28/46 • 16

BIDS OPENED

FULLERTON, Los Angeles Co., Calif.—Dan Sullivan, Santa Monica, at $780, submitted low bid to the office of district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting at U. S. Post Office, Fullerton, Calif.

Other bids were:

Van Daele & Van Daele, Montebello, $935.

Dayton Engineering Co., Huntington Park, $1125.

R. A. Newman, McMinnville, Ore., $1384.

Grohme Co., Decatur, Ill., $2429.

2/28/46 • 16

BIDS OPENED

LOS ANGELES, Calif.—Lee Wilson, Inglewood, at $265, submitted low bid to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for ventilation of switchboard room in the Western Pacific Bldg., Los Angeles.

Other bids were:

J. Herman Co., Los Angeles, $298.

Hugh Rohnson & Son, Los Angeles, $308.

2/28/46 • 16

BIDS OPENED

FULLERTON, Los Angeles Co., Calif.—Automatic Burner Co., Los Angeles, at $271, submitted low bid to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for new sump pump in U. S. Post Office, Fullerton.

Other bids were:

Earl Van Atta, Puente, $298.

Lohman Bros., Los Angeles, $374.

2/28/46 • 16

BIDS OPENED

PRESTON, Franklin Co., Idaho.—R. A. Newman, McMinnville, Ore., at $2255, submitted low bid to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting and installation of new entrance doors, etc., in the U. S. Post Office, Preston, Idaho.

Other bids were:

Grohme Co., Decatur, Ill., $2694.

Lewis Construction Co., Seattle, Wash., $3800.

2/28/46 • • 16

BID OPENED

LOS ANGELES, Calif.—J. H. Valley, Pasadena, at $556 submitted only bid to the office of the district engineer, Federal Works Agcy., Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for repairing acoustic ceilings in Post Office and Courthouse Bldg., Los Angeles.

2/28/46 • • 16

BIDS OPENED

SAN GABRIEL, Los Angeles Co., Cal.—Ray Burner Sales & Service Co., Los Angeles, at $127.15 submitted low bid to the office of the district engineer, Federal Works Agcy., Public Buildings Admin., 838 U. S. Appraiser's Bldg., San Francisco, for relining firebox heating boiler in U. S. Post Office, San Gabriel.

Automatic Burner Co., Los Angeles, at $156 submitted only other bid.

2/28/46 • 16

BIDS WANTED

SANTA MARIA, Santa Barbara Co., Calif.—Until March 20, 2 P. M., bids will be received by the office of district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for relining boiler fireboxes and overhauling oil burner at the U S. Post Office at Santa Maria.

Plans and specifications obtainable from the above office of the district engineer.

2/28/46 • • 16

BIDS WANTED

GRASS VALLEY, Nevada Co., Cal.—Until March 13, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for relining boiler fireboxes and overhauling oil burner at the U. S. Post Office at Grass Valley.

Plans and specifications obtainable from the above office of the district engineer.

2/28/46 • • 16

BIDS WANTED

ONTARIO, San Bernardino Co., Calif.—Until March 13, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Bldgs. Admin., 838 U. S. Appraiser's Bldg., San Francisco, for painting flagpole and misc. repairs at the U.S.P.O., Ontario.

Plans and specifications obtainable from the above office of the district engineer.

22-26—RESIDENTIAL BUILDINGS

2/28/46 • 26

PLANNED

HOMES

SANTA CLARA, Santa Clara County, Calif. Homestead Rd. west of Gould.

Construction of 45 houses for veterans (5 and 6 rooms each).

Owner and Builder—P. J. Pasetta, 2390 Park Ave., aSnta Clara.

Work will start shortly. Sidewalk, curb and gutter installation will start at once.

2/28/46 • • 25

CONSTRUCTION STARTED

RESIDENCE

KENT WOODLANDS. Marin Co. Cal.

Construction of residence (8 rooms)

Owner—Henry Hayes, c/o Architects.

Architects—Wurster, Bernardi and Emmons, 402 Jackson Street, San Francisco.

Contractor—Otis H. Smith, Larkspur.

2/28/46 • 26

PLANNED

HOME BUILDING PROJECT

ANTIOCH, Contra Costa Co., Calif. End of 10th St. from L and O Sts., Antioch.

Construction of 36 residences on southern portion of Fibreboard Products straw field.

Owner and Builder—Swinerton & Walberg, 225 Bush St., San Francisco.

Building of the 36 units will be under way by March 1 and additional units will be started later.

2/28/46 • • 24

PLANS BEING FIGURED—BIDS OPEN MARCH 8, 2 P. M.

RESIDENCE

SAN FRANCISCO. 16th Avenue and Presidio Wall.

Construction of one-story frame and stucco residence (8 rooms).

Owner—Dr. Hans Esberg, co Arch.

Architects—Ward & Bolles, 369 Pine.

Following contractors are figuring plans:

Mattock Constr. Co., 212 Clara St.

G. P. W. Jensen & Sons, Inc., 320 Market Street.

William Martin, 666 Mission Street.

Russell Cullen, 478 Jackson St.

2/28/46 • • 23

PLANS BEING FIGURED—BIDS OPEN MARCH 10

ALTER APARTMENT HOUSE

SAN FRANCISCO. 601 O'Farrell St.

Alterations to apt. house, involving new restaurant, cocktail lounge, exterior and interior alterations.

Owner—P. Tremain Loud, c/o Arch.

Architects—Ward & Bolles, 369 Pine.

Following contractors are figuring plans:

Mattock Constr. Co., 212 Clara St.

G. P. W. Jensen & Sons, Inc., 320 Market Street.

Russell Cullen, 478 Jackson St.

Jacks & Irvine, 620 Market Street.

Haas Constr. Co., 326 Merchants' Exchange Building.

Fred J. Early, Jr., 369 Pine Street.

27—TRANSPORTATION BUILDINGS

2/28/46 27

CONTRACT AWARDED

SANTA ANA FREEWAY, Calif.—Valley Cities Constr. Co., 4119 Whittier Blvd., Los Angeles, at $23,500 awarded contract by C. H. Purcell, State Director of Public Works, Sacramento, for the relocation of five buildings on the right-of-way for the Santa Ana Freeway.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Water Supply and Sewage Disposal Plants 31-32
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Docks, Piers & Harbors........ 35
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Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways........ 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

2/28/46 • 31

BIDS OPENED

HIGH SCHOOL

SAN MATEO, San Mateo Co. West of Lomita Park, San Mateo High School.

Construction of gravel-packed well, installation of casing and run test at San Mateo High School.

Owner—Board of Trustees, San Mateo Union High School District, Carleton W. Herrmann, clerk, San Mateo.

Complete bids were:

Western Well Drilling Co., Ltd., $9067.88, (2a) $18.88, (2b) $17.88, (3a) $13.70, (3b) $12.70, (4) $1.16, (5) $1.73, (6) $6.

Archer Equipment Co., $9895, (2a) $10, (2b) $8, (3a) $14.10, (3b) $12, (4) ...., (5) ...., (6) $7.50.

J. E. Fontes, $10,300.50, (2a) $9.11, (2b) $9.11, (3a) $17.51, (3b) $17.61, (4) $717.50, (5) $.68, (6) $7.50.

34—DAMS, RESERVOIRS & DREDGING

2/28/46 • 34

BIDS OPENED

NAPA COUNTY, Calif.—George E. Murray, 1702 E. Mariposa Rd., Stockton, at $14,200, submitted low bid to the State Engineer, Room 402 Public Works Bldg., Sacramento, for furnishing labor and materials for clearing the Rector Creek reservoir site of approximately 75 acres gross area in Sections 17, 19, 20 and 21, T. 7N, R. 4W, M.D.B. & M.

Other bids were:

Barker Corp., Patterson, $18,790.

H. Earl Parker and N. M. Ball Sons, Berkeley, $26,625.

C. M. Syar, Vallejo, $28,425.

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LOW BIDDER

WISTER, Okla.—Groves, Lundin & Cox, 908 Wesley Temple Bldg., Minneapolis 4, Minn., at $4,016,727, submitted the low bid to the U. S. District Engineer Office, P. O. Box 61, Tulsa, Okla., February 25, for the construction of the Wister Dam on the Poteau River near Wister, Okla.; Announcement 46-4. The work will consist of a rolled earth fill dam, reinforced concrete spillway. The work will also include construction of temporary frame buildings for use by the government during the construction work; 800 calendar days for completion.

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BIDS WANTED

CENTRAL VALLEY PROJECT.—As previously reported, until Mar. 5, 10 A. M., bids will be received by U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Friant, under Spec. No. 1171 for the construction of earthwork, canal lining and structures, station 1144+00 to station 1591+66.15, Friant-Kern Canal, Friant Division, Central Valley Project, California. The work is situated about 18 miles east of Fresno.

The principal items of work and the estimated quantities involved are as follows:

(1) 1,570,000 cu. yds. excavation, common, for canal;
(2) 286,000 cu. yds. excavation, rock, for canal;
(3) 171,000 sta. cu. yds. overhaul;
(4) 170,000 cu. yds. compacting embankments;
(5) 28,000 cu. yds. excavation, common, for drainage channels and dikes;
(6) 12,000 cu. yds. excavation, rock, for drainage channels and dikes;
(7) 8000 cu. yds. excavation, common, for structures;
(8) 1750 cu. yds. excavation, rock, for structures;
(9) preparing 141,000 sq. yds. rock foundations for concrete lining;
(10) trimming 330,000 sq. yds. earth foundations for concrete lining;
(11) 6200 cu. yds. of backfill;
(12) 3300 cu. yds. compacting backfill;
(13) 200 sq. yds. dry-rock paving;
(14) 1775 cu. yds. concrete in structures;
(15) 22,600 c.y. reinf. conc. in canal lining;
(16) 22,600 c.y. unreinf. do;
(17) 1,170,000 lbs. placing reinf. bars in canal lining;
(18) placing 260,000 lbs reinf. bars;
(19) placing 760 sq. ft. elastic joint-filler material;
(20) placing 140 l.f. rubber water stops;
(21) erecting 283 M. bt. b.m. timber in structures;
(22) installing 2500 lbs. miscel. metal work;
(23) constructing 24 cattle guards;
(24) constructing 16 miles of barbed wire right-of-way fence;
(25) constructing two miles comb. barbed wire and woven wire right-of-way fence;
(26) removing 1800 l.f. existing pipe lines;
(27) laying 800 l.f. 2½- and 3-. diam. iron pipe;
(28) laying 5800 l.f. 4-, 6-, and 12-in. diam. thin-wall steel pipe;
(29) laying 16 l.f. 18-in. diam. corru. metal pipe;
(30) installing 145 units of orchard outlets and stand pipes;
(31) constructing 17,000 l.f. underdrains with uncemented joints;
(32) constructing 12,500 l.f. feeder drains.

This invitation for bids does not cover the purchase of materials which are to be furnished by the government. Materials to be furnished by the contractor and those furnished by the government are described in the specifications which will be a part of the contract.

No charge to prospective bidders for copies of the specifications and drawings; to others, $2.25 per copy, not returnable.

Guarantee will be required with each bid in an amount not less than 10 per cent of the amount of the bid.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: R. L. Boke, regional director, Old Post Office Bldg., 7th and K Sts., Sacramento 14, Calif.; R. K. Durant, acting construction engineer, Friant, Calif.; Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the acting construction engineer.

Specifications and drawings are on file for examination at the office of Daily Pacific Builder, 465 Tenth St., San Francisco.

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BIDS WANTED

LOS ANGELES, Calif.—Until Mar. 27, 1 P. M., bids will be received by the U. S. District Engineer Office, 751 S. Figueroa St., Los Angeles, for the completion of embankment and spillway, Santa Fe Dam, Los Angeles County; Serial 150. The site of the work is on the San Gabriel River, 3½ miles southwest of the City of Azusa.

The work involves completion of embankment of the dam to final grade and section, requires filling with impervious core material obtained from an existing stockpile; filling with pervious material of varied grading obtained from a borrow pit and from excavations, and grouted stone ramps for service roads, walks and curbs. In the spillway portion of the dam, the new work consists of completing the concrete ogee and placing derrick stone below the stilling pool. The recorder house shall be completed above the existing construction joint.

The bids will be taken as follows:

(1) 2000 cu. yds. stripping;
(2) 28,300 cu. yds. stockpile excavation;
(3) 218,300 cu. yds. borrow excavation;
(4) 125,000 cu. yds. of construction ramp excavation;
(5) 18,600 cu. yds. zone I fill;
(6) 16,300 cu. yds. zone II fill;
(7) 160,700 cu. yds. zone III fill;
(8) 54,800 cu. yds. zone IV fill;
(9) 31,900 cu. yds. zone V fill;
(10) 16,500 tons of spillway derrick stone;
(11) 370 cu. yds. grouted stone ramps, stairways and curbs;
(12) 20,100 cu. yds. ogee concrete;
(13) 2250 sq. ft. ¾-in. expansion joint filler;
(14) 4 tons water stop material;
(15) 27,000 bbls. portland cement;
(16) 144 lin. ft. fencing;
(17) lump sum recorder house superstructure.

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BIDS WANTED

CENTRAL VALLEY PROJECT, Calif.—Until March 12, 10 A. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1172 for the construction of earthwork, canal lining and structures, Contra Costa Canal, station 2321+25 to the end, and Mountain View Reservoir, Delta Division, Central Valley Project, California. The work is situated from about one mile east to about 3½ miles southeast of Martinez, Calif.

No charge to prospective bidders for copies of the specifications and drawings; to others, $2.75 per copy, not returnable.

Guarantee will be required with each bid in an amount not less than 10 per cent of the amount of the bid.

Bids will be considered on either or both of the following schedules. Bidders may make such stipulations as they desire regarding a combination of the schedules but no bid will be considered for only a part of either schedule.

Work involves:

Schedule No. 1

Earthwork, canal lining and structures, Contra Costa Canal, station 2321+25 to station 2512+25.

(1) clearing 23 acres orchards and vineyards;
(2) grubbing 20 acres orchards and vineyards;
(3) 65,000 cu. yds. excavation, all classes, for canal;
(4) 400 cu. yds. of excavation, all classes, for subbase for structures;
(5) 100,000 sta. cu. yds. of overhaul;
(6) 1000 cu. yds. of compacting embankment;
(7) 400 cu. yds. of gravel subbase under structures;
(8) 51,000 cu. yds. of excavation, all classes, for structures;
(9) 18,800 sq. yds. of trimming foundations for concrete lining;
(10) 42,000 cu. yds. of backfill;
(11) 10,000 cu. yds. compacting backfill;
(12) 2350 cu. yds. of concrete in structures;
(13) 1550 cu. yds. of concrete in canal lining;
(14) placing 260,000 lbs. of reinforcement bars;
(15) placing 120 sq. ft. of elastic filler material in joints;
(16) placing 18,000 lbs. of metal water stops in joints;
(17) 200 sq. yds. of dry-rock paving;
(18) driving 500 lin. ft. timber piles;
(19) erecting 26 M ft. b.m. timber in structures except cattle guards;
(20) constructing 10 cattle guards;
(21) jacking 36 lin. ft. 6-ft. diameter corrugated metal pipe under railroad;
(22) jacking 50 lin. ft. of 5-ft. 6-in. diameter corrugated metal pipe under highway;
(23) laying 300 lin. ft. of 12-in. diameter concrete pipe;
(24) laying 200 lin. ft. of 15-in. diameter concrete pipe;
(25) laying 200 lin. ft. of 18-in. diameter concrete pipe;
(26) laying 60 lin. ft. of 24-in. diameter concrete pipe;
(27) installing 3500 lbs. of gates and gate hoists;
(28) installing 6500 lbs. of miscellaneous metal work.

Schedule No. 2

Earthwork, dam embankment and structures, Contra Costa Canal, station 2512+25 to end, and Mountain View Reservoir.

(1) clearing 13 acres orchards and vineyards;
(2) grubbing 13 acres orchards and vineyards;
(3) 2000 cu. yds. of excavation, all classes, for outlet and spillway channels;
(4) 9500 cu. yds. of excavation, stripping dam foundation and borrow pits;
(5) 350 cu. yds. of excavation, all classes, for embankment toe drains;
(6) 160,000 cu. yds. of constructing dam embankment;
(7) 10,000 lin. ft. of sand-filled drain holes;
(8) 17,000 cu. yds. of sand drain in dam embankment;
(9) 6000 cu. yds. of riprap on dam;
(10) 450 cu. yds. of gravel surface on dam crest;
(11) 10,000 cu. yds. of excavation, all classes, for structures;
(12) 3000 cu. yds. of backfill;
(13) 2500 cu. yds. of compacting backfill;
(14) 480 cu. yds. of concrete in structures;
(15) placing 55,000 lbs. of reinforcement bars;
(16) placing 25 sq. ft. of elastic filler material in joints;
(17) placing 10 lin. ft. of rubber water stops in joints;
(18) placing 360 lbs. of metal water water stops in joints;
(19) 600 sq. yds. of dry-rock paving;
(20) constructing 1400 lin. ft. of 12-in. diameter sewer pipe drain with uncemented joints;
(21) laying 100 lin. ft. of 12-in. diameter sewer pipe with cemented joints;
(22) installing 2100 lbs. of gates and gate hoists;
(23) installing 7100 lbs. of outlet pipes and valves;
(24) installing 13,400 lbs. of miscellaneous metal work.

Specifications and drawings are on file for examination at the office of Daily Pacific Builder, 465 Tenth St., San Francisco.

36— PARKS, AIRPORTS & PLAYGROUNDS

2/28/46 • 36

BIDS WANTED

SAN DIEGO, Calif.—Until March 14, 11 A. M., bids will be received by the U. S. Navy, Public Works Office, 11th Naval District, 1220 Pacific Highway, San Diego, under Spec. 17553 for concrete paving of fillets for taxiways in vicinity of building No. 516 at the Naval Air Station, North Island, San Diego.

Specifications obtainable from the above office upon deposit of $10.

REPAIR BRIDGE, SOLANO COUNTY

SOLANO COUNTY, Calif.—Healy-Tibbitts Construction Co., 1100 Evans Ave., San Francisco, at $13,345, submitted low bid to State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for repairing a bridge fender across Napa River at west city limits of Vallejo, Solano County, Calif.

The work involves:

(1) 14 each remove existing piles;
(2) 3.5 M ft. B.M. Douglas fir timber;
(3) 12 M ft. B.M. treated Douglas fir timber;
(4) 3000 lbs. hardware;
(5) 4125 lin. ft. furnish treated Douglas fir piles;
(6) 55 each driving piles;
(7) electrical work;
(8) miscellaneous items of work.

The state will furnish one navigation light in connection with item 7.

Total bids follow:

(A) Healy-Tibbitts Construction Co., San Francisco, $13,345.
(B) Duncanson-Harrelson Co., San Francisco, $13,958.
(C) J. D. Proctor, Inc., Richmond, $17,350.
(D) H. F. Lauritzen, Antioch, $19,990.
(E) J. A. Bryant, San Francisco, $22,583.75.

Unit prices were:

	(A)	(B)	(C)	(D)	(E)
(1)........	$ 50.00	$ 100.00	$ 50.00	$ 20.00	$ 20.00
(2)........	250.00	150.00	200.00	310.00	209.00
(3)........	335.00	225.00	400.00	450.00	312.00
(4)........	.15	.12	.40	.20	.43
(5)........	1.20	1.00	1.20	1.00	.97
(6)........	30.00	75.00	50.00	140.00	124.00
(7)........	200.00	300.00	250.00	300.00	300.00
(8)........	500.00	423.00	2000.00	500.00	5417.00

39—SEWERS

2/28/46 39

BIDS OPENED

SAN DIEGO, Calif.—Haddock Engineers, Ltd., 129 W. 2nd St., Los Angeles, and P. O. Box 479, Oceanside, at $151,960, submitted the low bid to the City of San Diego, office of the city clerk, Room 356 Civic Center, San Diego, February 19, for the construction of a portion of trunk sewer No. 2, Old Town to Cudahy and Linda Vista connection, San Diego.

The bids submitted were:

Haddock Engineers, Ltd., $151,960.

Tom L. Gogo, $164,000.

Artukovich Bros., $169,000.

P. & J. Artukovich, $179,000.

V. C. K. Construction Co., $273,000.

Carroll & Foster, $288,900.

R. A. Watson Construction Co., $434,766.50.

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BIDS OPENED

SAN FRANCISCO.—E. J. Treacy, 425 Dewey Blvd., at $7,090.60 submitted low bid to the Department of Public Works, Room 282, City Hall, for laying sewer from Jackson St. to Presidio Ave.; Spec. 19813.

Work involves:

(1) 295 l.f. 21-in. VCP sewer pipe;
(2) 88 l.f. 18-inch do;
(3) 31 l.f. 10-in. VCP culvert pipe;
(4) 6 each 21x6-inch wye-branch;
(5) 4 each brick manholes;
(6) 1 each catchbasin;
(7) 1 each trap catchbasin;
(8) traffic routing work.

Complete bids follow:

E. J. Treacy, (1) $17.08; (2) $12; (3) $5; (4) $11; (5) $150; (6) $100; (7) $25; (8) $50; total, $7,090.60.

Eaton & Smith, (1) $20; (2) $19; (3) $6; (4) $10; (5) $200; (6) $190; (7) $50; (8) $200; total, $9,058.06.

Michael Desiano, (1) $22.70; (2) $21.15; (3) $12.25; (4) $24.25; (5) $232; (6) $161; (7) $60; (8) $299; total, $10.530.95.

Chas. L. Harney, (1) $22.50; (2) $21; (3) $4.70; (4) $14; (5) $300; (6) $180; (7) $49; (8) $360; total, $10,504.20.

McGuire & Hester, (1) $32; (2) $30; (3) $5; (4) $20; (5) $300; (6) $200; (7) $75; (8) $330; total, $14,160.

2/28/46 • *39

BIDS WANTED

SAN FRANCISCO.—Until Mar. 13, 2:30 P. M., bids will be received by the Department of Public Works, Room 282, City Hall, under Spec. No. 20,060 for installing motor-driven sewage pump, Fitzgerald Ave. pumping station.

Bids will be taken as follows:

(1) lump sum, mechanical work;
(2) lump sum, electrical work.

Specifications obtainable from the office of City Engineer Ralph Wadsworth, City Hall, upon deposit of $10.

40— STREETS AND HIGHWAYS

2/28/46 • • 40

BIDS WANTED

SAN FRANCISCO.—Until Mar. 20, 2:30 P. M., bids will be received by the Department of Public Works, Room 282, City Hall, under Spec. No. 20,014 for improvement of portion of 44th Avenue between Vicente and Wawona Streets.

Work involves:

(1) 5100 s.f. asph. concrete on rock subbase pavement conisting of 6-in. compacted rock subbase, a 4-in. asphaltic concrete base and a 2-in. asph. concrete wearing surface;
(2) 255 l.f. unarmored concrete curb;
(3) 140 l.f. 6-in. VCP side sewers;
(4) water services (long) $17.50 each
(5) water services (short) $8.50 each.

Specifications obtainable from the office of City Engineer Ralph Wadsworth, City Hall, upon deposit of $10.

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BIDS WANTED

SAN FRANCISCO.—Until Mar. 20, 2:30 P. M., bids will be received by the Department of Public Works, Room 282, City Hall, under Spec. No. 20,038 for improvement of portion of 41st and 42nd Avenues between Rivera and Santiago Sts. and Rivera between 41st and 42nd Avenues.

Work involves:

(1) 11,750 s.f. asph. concrete on rock subbase pavement conisting of 6-in. compacted rock subbase, a 4-in. asph. concrete base and a 2-in. asph. conc. wearing surf.;
(2) 565 l.f. unarmored concrete curb;
(3) 275 l.f. 6-in. VCP side sewers;
(4) 11 each water services (long) at $17.55 each;
(5) 2 each water services (short) at $8 each.

Specifications obtainable from the office of Ralph Wadsworth, city engineer, City Hall, upon deposit of $10.00.

(Continued on Page 4)

2.3 MILES GRADING, ETC., CONTRA COSTA COUNTY

CONTRA COSTA COUNTY, Calif.—Guy F. Atkinson Co., Orange and Railroad Aves., South San Francisco at $209,469.50 submitted low bid to the State Division of Highways, G. T. McCoy, State Highway Engineer, Public Works Bldg., Sacramento, for about 2.3 miles in length to be graded and paved with portland cement concrete in Contra Costa County between Concord Ave. and four-tenths mile west of Ohmer Station.

This is a national defense contract.

The work involves:

(1) 280 cu. yds. remove concrete;
(2) clearing and grubbing;
(3) 107,000 cu. yds. roadway excavation;
(4) 550 cu. yds. structural excavation;
(5) 50 cu. yds. ditch and channel excavation;
(6) 16,000 sq. yds. compact original ground;
(7) 42,000 tons imported base material;
(8) 3,200,000 sta. yds. overhaul;
(9) 21,500 sq. yds. prepare class C subgrade;
(10) develop water supply and furnish water equipment;
(11) 2600 M gallons apply water;
(12) 123 sta. finish roadway;
(13) 7000 tons crusher run base;
(14) 50 tons liquid asphalt MC-1 prime coat and penetration treatment;
(15) 21 tons liquid asphalt MC-2 penetration treatment;
(16) 155 tons sand penetration treatment;
(17) 20 tons asphaltic emulsion seal coat;
(18) 120 tons screenings seal coat;
(19) 3400 tons minimum aggregate plant mix surfacing;
(20) 175 tons paving asphalt plant mix surfacing;
(21) 300 lin. ft. raised bars;
(22) 4875 cu. yds. portland cement concrete pavement;
(23) 3500 each tie bolt assemblies;
(24) 65 cu. yds class A portland cement concrete structures;
(25) 75 cu. yds. class B portland cement concrete curbs;
(26) 40 each monuments;
(27) 400 lin. ft. laminated guard railing;
(28) 18 each culvert markers and project markers;
(29) 58 each guide posts;
(30) 3.3 miles new property fence;
(31) 0.3 mile remove and reconstruct existing property fence;
(32) 54 lin. ft. 15-in. reinforced concrete pipe, standard strength;
(33) 56 lin. ft. 21.in reinforced concrete pipe, standard strength;
(34) 660 lin. ft. 24-in. reinforced concrete pipe, standard strength;
(35) 56 lin. ft. 27-in. reinforced concrete pipe, standard strength;
(36) 37 lin. ft 18-in. reinforced concrete pipe, extra strength;
(37) 48 lin. ft. 21.in reinforced concrete pipe, extra strength;
(38) 10 lin. ft. 8-in. CMP downdrains, 16 gage;
(39) 1 each spillway assembly;
(40) 3500 lbs. bar reinforcing steel;
(41) 1 each frame and cover for drop inlet.

Total bids follow:

(A) Guy F. Atkinson Co., South San Francisco, $209,469.50.
(B) Fredrickson & Watson Constr. Co., Oakland, $210,606.80.
(C) Gunnar Corp., Pasadena, $219,231.50.
(D) Piombo Bros. & Co., San Francisco, $221,068.
(E) N. M. Ball Sons, Berkeley, $221,696.50.
(F) Louis Biasotti & Son, Stockton, $236,015.50.
(G) Chas. L. Harney, San Francisco, $244,888.30.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)........	$2.40	$2.00	$5.00	$2.00	$2.00	$3.25	$3.70
(2)........	700.00	1000.00	750.00	500.00	500.00	500.00	700.00
(3)........	.30	.22	.34	.25	.30	.30	.37
(4)........	2.00	2.30	2.00	2.00	2.00	2.00	1.75
(5)........	2.00	2.30	2.00	1.00	1.00	2.50	1.30
(6)........	.05	.05	.05	.05	.04	.10	.05
(7)........	1.15	1.32	1.20	1.50	1.45	1.50	1.50
(8)........	.004	.004	.005	.005	.005	.004	.005
(9)........	.10	.12	.10	.10	.10	.15	.13
(10)........	1000.00	1000.00	1500.00	500.00	800.00	1000.00	1750.00
(11)........	2.00	1.60	1.50	1.50	1.75	2.00	2.25
(12)........	10.00	10.00	10.00	10.00	5.00	10.00	13.00
(13)........	2.30	2.35	2.30	2.50	2.40	2.35	2.70
(14)........	16.00	23.00	20.00	21.00	16.00	22.50	23.50
(15)........	14.50	23.00	16.00	21.00	16.00	21.00	23.50
(16)........	2.50	4.00	4.00	3.70	3.00	4.00	3.10
(17)........	19.00	23.00	25.00	23.00	21.00	25.00	26.50
(18)........	3.25	5.00	5.00	4.75	4.00	5.00	5.10
(19)........	4.30	4.50	4.70	4.65	4.00	5.50	5.00
(20)........	13.00	16.40	14.00	16.50	15.00	14.00	20.00
(21)........	.75	1.15	1.00	1.00	1.00	1.10	1.55
(22)........	10.60	10.50	10.00	10.00	10.00	11.00	10.40
(23)........	.55	.50	60	.50	.56	.60	.65
(24)........	45.00	55.00	40.00	40.00	60.00	50.00	40.00
(25)........	35.00	34.00	40.00	36.00	42.00	40.00	35.00
(26)........	4.00	4.00	5.00	4.00	3.00	4.00	4.50
(27)........	2.00	2.25	2.00	2.00	2.00	2.00	2.00
(28)........	3.50	3.25	4.00	4.00	4.00	4.00	3.80
(29)........	3.50	3.25	4.00	4.00	4.00	4.00	3.10
(30)........	1000.00	900.00	1000.00	1100.00	1000.00	1000.00	1225.00
(31)........	700.00	585.00	500.00	1000.00	500.00	800.00	1225.00
(32)........	2.00	2.10	3.00	2.50	2.00	2.60	1.95
(33)........	3.00	3.20	4.00	3.50	3.00	4.00	3.00
(34)........	4.00	4.00	4.50	4.00	3.50	5.10	3.75
(35)........	4.50	4.70	5.00	4.50	4.00	5.90	4.80
(36)........	3.50	3.70	4.50	4.00	3.50	4.50	3.50
(37)........	4.00	4.45	5.50	4.50	4.00	5.90	4.25
(38)........	1.50	1.75	1.50	1.50	2.00	1.50	1.50
(39)........	25.00	25.00	25.00	25.00	25.00	30.00	24.00
(40)........	.10	.10	.07	.07	.07	.15	.08
(41)........	70.00	70.00	80.00	70.00	50.00	150.00	77.00

TERMINAL ISLAND FREEWAY, LOS ANGELES COUNTY

LOS ANGELES, Calif.—As previously reported, Macco Constr. Co., 815 Paramount Blvd., Clearwater, at $1,141,080 submitted low bid to the State Division of Highways, G. T. McCoy, State Highway Engineer, State Bldg., Los Angeles, for about 2.10 miles in length to be graded and paved with asphalt concrete on Terminal Island Freeway between Henry Ford Ave. and Willow Street (VII-LA-Term, Is.), in the cities of Los Angeles and Long Beach.

The work involves:

(1) 1200 cu. yds. remove concrete;
(2) 58 acres clear and grubb;
(3) 14,500 cu. yds. roadway excavation;
(4) 23,500 cu. yds. structure excavation;
(5) 4700 cu. yds. ditch and channel excavation;
(6) 144,000 lin. ft. vertical holes sand drains;
(7) 16,500 tons sand backfill sand drains;
(8) 680,000 tons imported borrow;
(9) 72,000 tons imported subgrade material;
(10) 125,500 sq. yds. prepare class C subgrade;
(11) develop water supply and furnish water equipment;
(12) 7200 M gallons apply water;
(13) finish roadway;
(14) 290 tons liquid asphalt RC-2 bituminous surface treatment;
(15) 24,000 sq. yds. prepare, mix and shape surface bituminous surface treatment;
(16) 2 tons liquid asphalt SC-2 prime coat;
(17) 540 tons plant mix surfacing;
(18) 50,500 tons asphaltic concrete;
(19) 132 tons asphaltic emulsion curing seal and seal coat;
(20) 330 cu. yds. portland cement concrete pavement base;
(21) 720 cu. yds. portland cement concrete structures;
(22) 315 tons gravel backfill retaining wall foundations;
(23) 400 lin. ft. rubber waterstops;
(24) 30 sq. yds. membrane waterproofing;
(25) 410 cu. yds. class C portland cement concrete pipe reinforcement;
(26) 2800 cu. yds. portland cement concrete curbs and gutters;
(27) 34,500 lin. ft. chain-link fence;
(28) 15 each walk gates;
(29) 1420 lin. ft. 18-in. reinforced concrete pipe, standard strength;
(30) 2500 lin. ft. 24-in. reinforced concrete pipe, standard strength;
(31) 1320 lin. ft. 30-in. reinforced concrete pipe, standard strength;
(32) 390 lin. ft. 36-in. reinforced concrete pipe, standard strength;
(33) 90 lin. ft. 48-in. reinforced concrete pipe, standard strength;
(34) 180 lin. ft. 54-in. reinforced concrete pipe, standard strength;
(35) 1960 lin. ft. 66-in. reinforced concrete pipe, standard strength;
(36) 5 lin. ft. pipe shaft manholes;
(37) 680 lin. ft. 12-in. plain concrete pipe;
(38) 1980 lin. ft. 15-in. plan concrete pipe;
(39) 90 lin. ft. 6-in. steel pipe conduit;
(40) 3 each adjust manholes to grade;
(41) 50,000 lbs. bar reinforcing steel;
(42) 35,000 lbs. miscellaneous iron and steel;
(43) 145,000 each mesembryanthemum edule cuttings;
(44) electrical equipment;
(45) pump house and pumping equipment.

Total bids submitted were:

(A) Macco Constr. Co., Clearwater, $1,141,080.
(B) James I. Barnes Constr. Co., Santa Monica, $1,218,496.
(C) Griffith Co., Los Angeles, $1,241,804.
(D) Warren Southwest and C. G. Willis & Sons, Los Angeles, $1,278,986.
(E) Peter Kiewit Sons Co., Los Angeles, $1,392,829.
(F) J. E. Haddock, Ltd., Pasadena, $1,412,079.05.
(G) Guy F. Atkinson Co. Long Beach $1,436,000.
(H) Basich Bros. and Basich Bros. Constr. Co., Los Angeles, $1,493,476.50.
(I) Clyde W. Wood, Inc., oNrth Hollywood, $1,581,162.50.

Unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1)........	$3.00	$4.00	$4.50	$3.00	$4.20	$4.85	$2.50	$6.50	$3.00
(2)........	50.00	50.00	150.00	35.00	85.00	66.00	40.00	75.00	100.00
(3)........	.70	.50	.50	.40	.35	.70	.60	.45	.50
(4)........	2.00	2.30	3.15	1.20	2.50	5.15	2.00	2.50	4.50
(5)........	.70	1.20	.65	.60	1.75	.75	1.50	1.10	1.00
(6)........	.80	.85	.95	1.00	.80	.64	1.50	.90	.75
(7)........	2.00	1.50	2.20	2.25	1.85	3.50	3.00	2.00	2.90
(8)........	.42	.55	.48	.465	.70	.66	.63	.70	.78
(9)........	1.60	1.87	2.00	2.25	1.80	1.87	2.00	2.00	1.96
(10)........	.10	.10	.11	.20	.10	.09	.10	.10	.10
(11)........	3000.00	3,000.00	3,500.00	1,200.00	15,900.00	16,000.00	5,000.00	7,450.00	2,000.00
(12)........	1.50	1.85	1.60	1.65	1.80	1.60	1.50	2.60	1.00
(13)........	2500.00	2,000.00	1,500.00	1,850.00	2,500.00	4,500.00	4,000.00	6,500.00	4,500.00
(14)........	15.00	15.00	19.00	15.40	19.00	12.25	16.00	17.50	16.00
(15)........	.15	.15	.10	.15	.14	.14	.10	.10	.15
(16)........	50.00	20.00	30.00	30.00	30.00	27.50	35.00	130.00	50.00
(17)........	5.50	3.25	4.50	6.50	5.25	4.50	4.25	6.50	5.00
(18)........	3.80	3.75	4.00	4.55	3.90	4.35	4.50	5.50	4.60
(19)........	25.00	17.50	22.00	21.00	25.00	21.50	25.00	22.00	30.00
(20)........	12.00	13.00	12.40	14.75	18.50	18.00	13.00	12.00	15.00
(21)........	30.00	30.00	40.00	46.25	54.00	40.00	55.00	75.00	65.00
(22)........	2.00	1.80	2.90	3.50	3.00	3.60	2.60	2.50	3.50
(23)........	2.00	2.00	2.25	2.50	2.50	1.30	2.00	4.00	2.00
(24)........	3.00	3.00	3.25	2.50	3.50	2.20	2.00	3.25	5.00
(25)........	20.00	18.00	25.00	19.00	20.00	17.00	16.00	9.75	70.00
(26)........	24.00	26.00	22.50	27.25	31.00	22.85	22.00	21.00	25.00
(27)........	1.30	1.25	1.50	1.45	1.50	1.40	1.25	1.50	1.35
(28)........	50.00	50.00	50.00	50.00	50.00	52.00	50.00	50.00	45.00
(29)........	4.00	3.50	3.25	4.25	4.00	3.60	3.00	3.25	4.00
(30)........	5.00	4.50	4.20	5.30	5.00	4.50	4.00	4.20	7.00
(31)........	11.00	6.00	5.70	7.20	6.40	6.00	5.50	5.75	9.00
(32)........	14.00	8.50	7.50	9.00	8.00	7.95	7.50	7.75	9.50
(33)........	18.00	10.50	11.00	12.50	12.00	11.80	10.00	12.00	17.00
(34)........	23.00	12.00	13.00	14.75	15.00	14.10	12.50	13.50	19.00
(35)........	30.00	20.00	16.00	23.50	20.00	18.30	16.00	17.00	30.00
(36)........	15.00	50.00	11.00	16.30	16.00	9.25	25.00	13.50	23.00
(37)........	3.50	2.00	1.20	2.50	2.20	1.36	1.25	1.30	3.00
(38)........	4.50	2.30	1.50	2.85	2.50	1.75	1.50	1.70	4.00
(39)........	2.00	6.00	2.30	3.70	3.00	1.10	6.00	3.00	3.50
(40)........	125.00	100.00	30.00	10.50	100.00	30.00	30.00	25.00	60.00
(41)........	.06	.06	.09	.075	.08	.078	.07	.09	.10
(42)........	.20	.15	.06	.12	.12	.17	.25	.20	.30
(43)........	.03	.03	.04	.05	.04	.032	.035	.06	.08
(44)........	8000.00	9,000.00	9,000.00	5,035.00	10,000.00	13.400.00	12,000.00	14,000.00	12,000.00
(45)........	5000.00	6,000.00	4,400.00	7,625.00	5,200.00	3,300.00	7,266.00	14,000.00	12,500.00

Building Permits, Contracts---Recorded Notices

BUILDING PERMIT Applications

SAN FRANCISCO

CLASS "C" WAREHOUSE, $483,000; SW 7th and Irwin; owner, Standard Oil of California, 225 Bush; builder, Clinton Construction Co, 923 Folsom St; engineer, Austin Co.

5-STORY OFFICE BUILDING, $460,000; NW corner California and Battery Sts; owner, John R Cahill, 206 Sansome St; architect, Meyer & Evers; engineer, L H Nishkian, 1045 Sansome St.

ALTER COMMERCIAL BUILDING, $125,000; SW corner 16th St and Treat Ave; owner, California Casket Co, prem; builder, McDonald, Young & Nelson, 135 Montgomery; architect, P A Ryan, 1095 Market; engineer, George Washington, 1451 Market St.

ALTER OFFICE BUILDING, $120,000; 130 Sutter St; owner, A Ichelson, et al, prem; builder, Dinwiddie Construction Co, Crocker Bldg.

ALTER STORE, $48,000; 2630 Mission; owner, Grayson's Shops, Inc, prem; builder, Midstate Construction Co, 1299 Bush St.

ALTER STORE AND OFFICES, $19,999; NE 7th Ave and Clement St; owner, Quality Flower Shop, 554 Clement St; builder, Leonard S Mosias, 255 California St.

CLASS "B" MORGUE and AUTOPSY ROOM, $15,000; S Clinton Park 300 W Valencia; owner, Roman Catholic Archbishop of San Francisco, 1100 Franklin St; builder, Barrett & Hilp, 918 Harrison St.

1-STORY FRAME TRUCK SHELTER, $8000; N Palou 175 E Selby; owner, Dairy Belle Farms, Inc, 2065 Oakdale Ave; builder, Robert McCarthy Co, 1050 Kirkham St.

ALTER EMERGENCY HOUSING, $5000; SE Phelan and Judson; owner, Board of Education, San Francisco; builder, Robert McCarthy, 1363 14th Ave.

ALTER DWELLING, $5000; 468 Pine St; owner, V Feder, prem; builder, Shumate & Schilling, 573 26th Ave.

ALTER HOTEL, STORES, $5000; SE Sutter and Kearny; owner, Eugene N Fritz, 593 Market; day work.

ALTER FILM EXCHANGE, $5000; 140 Leavenworth; owner, National Screen Service, prem; builder, Peter Sartorio, 262 Clementina.

DWELLINGS (1-story frame) (3), $4800 each; W Arch 163, 188, 213 S Garfield; owner and builder, Frank J O'Neill, 150 Kenwood Way.

DWELLING (1-story frame), $4000; W Lucy 100 S Thornton; owner, Fred C Rudisill, 1435 Carlos Ave, Burlingame; builder, Jas Arnott & Son, 633 Taraval.

ALTER BANK, $3300; 1401 Market; owner and builder, Capital Co., 1 Powell St.

ALTER DWELLING, $2000; 1077 Vallejo; owner, Maxine McElroy, premises.

ALTER OFFICES, $2000; 717 Market St; owner, Morris Plan Co, 715 Market St; builder, G P W Jensen & Sons, Inc, 320 Market St.

ALTER DWELLING, $1300; 1555 9th Ave; owner, Leonard Breanoff, 456 Central Ave; day work.

ALTER CLUB, $1200; NW California and Mason; owner, Pacific Union Club, prem; builder, Chas Stockholm & Sons, 391 Sutter St.

ALTER OFFICE, $1000; SW Sutter and Montgomery; owner, Dean Witter & Co, 45 Montgomery St; builder, Ostlund & Johnson, 1901 Bryant St.

ALTER DWELLING, $980; 2711 San Jose Ave; owner and builder, Elliott Booth, premises.

ALTER DWELLING, $900; 1306 Franklin St; owner, G Brucia, 1309 Franklin; day work.

ALTER DWELLING, $896; 1359 5th Ave; owner, Ray Cartmell, prem; day work.

ALTER OFFICE BUILDING, $885; 315 Montgomery St; owner, California Commercial Union Bldg., prem; builder, Monson Bros, 475 Sixth St.

ALTER DWELLING, $800; 2475 34th Ave; owner, B Reinhart, prem; builder, J A Pereira, 1601 20th Ave.

RETAINING WALL, $650; E Mission 90 S Allison; owner and builder, A Argenti, 780 Athens St.

ALTER COCKTAIL BAR, $560; 3845 Mission St; owner, Mrs G Weber, prem; builder, J C Graf, 2721 Harrison St.

BUILDING PERMIT Granted

SAN FRANCISCO

FEBRUARY 26, 1946

ALTER DWELLING, $2000; 354 11th Ave; owner, I Marcher.

DWELLING (1-story frame), $5500; E side Brussels St 75 S Olmstead St; owner, G Carraro & Sons.

DWELLINGS (1-story frame) (4), $5500 each; W Victoria 26, 52 S Randolph; E Ramsell 29, 54 S Randolph; owners, Chas T Burke and Angelo Infusino.

ALTER RESIDENCE, $2000; 345 Marina Blvd; owner, Tracy Byers.

ALTER BAKERY, $60,000; SW York and Alameda; owner, Continental Baking Co.

BUILDING (1-story frame), $7000; W 20th Ave 61 N Rivera; owner, N W Anderson.

ALTER DWELLING, $3600; 3541 Scott St; owner, Joe Auteri.

ALTER BANK, $15,000; 555 Montgomery St; owner, Bank of Canton.

DWELLINGS (1-story frame) (2), $5800 each; N Alemany 194, 219 W Benton Ave; owner, H Barber & Son.

ALTER HOME, $980; 2711 San Jose Ave; owner, Elliott Booth.

OAKLAND

DWELLING (1-story 5-room), $4500; 10919 Reposo Dr; owner, McGah & O'Shea, 4939 Broadway; builder, Ray Towers, 2508 Benvenue, Berkeley.

DWELLING (1-story 5-room), $4500; 10937 Reposo Dr; owner, McGah & O'Shea, 4939 Broadway; builder, Ray Towers, 2508 Benvenue, Berkeley.

DWELLINGS (1-story 5-room) (2), $4500 each; 10925 and 10931 Reposo Dr; owner, McGah & O'Shea, 4939 Broadway; builder, Ray Towers, 2508 Benvenue, Berkeley.

ALTER AND ADD, $1000; 6322 San Pablo Ave; owner and builder, A Soda, 1077 65th St.

DWELLING (1-story 5-room), $5000; 3925 Laguna St; owner and builder, Melvin C Shain, 3821 Park Blvd.

ADDITION (2-story), $6000; 4838-42 E 14th St; owner and builder, M Ambrosio, 4842 E 14th St.

ALTERATIONS, $2000; 481 30th St; owner, Dr Harry Horwitz, 481 30th St; builder, C M Teigland Co, 600 University Ave, Berkeley.

DWELLING (1-story 5-room), $5000; 9410 Burr St; owner and builder, A Casqueiro, 2072 82nd Ave.

DWELLINGS (1-story 5-room), (2), $5500 each; 9420, 9426 Burr St; owner and builder, A Casqueiro, 2072 82nd Ave.

ALTERATIONS, $600; 1189 7th St; owner and builder, L G White, 1191 7th St.

FIRE REPAIRS, $1500; 6046 College Ave; owner, Thomas Laughlin, 2643 Carisbrook Ave; builder, Van Bokkelen-Cole Co, 955 22nd St.

DWELLING (1-story 5-room), $6000; 5276 Redono Ave; owner, Remo Lucchetti, 5124 Miles Ave; builder, Chas Ungaretti & Son, 1727 Foothill Blvd; architect, Ray Keefer, 770 Wesley Ave.

ADDITION, $500; 1011 Campbell St; owner, A A Mercer, prem; builder, Thompson & Thomas, 981 61st St.

SAN LEANDRO

STORE BUILDING, $4500; Davis St; owner and builder, Beckett & Federighi, 1441 Franklin St, Oakland.

STORE BUILDING (1-story 2-room), $5000; Washington Ave; owner and builder, Frank Souza, 1550 W 132nd Ave, San Leandro.

SAN MATEO COUNTY (Unincorporated)

TEMPORARY QUARTERS, $1000; 4 acres, more or less, on N side of Bay Rd, opposite Lots 6-15, Block 1, Ravenswood Villa; owner and builder, Hall H Ching, 827 Grant Ave. San Francisco.

SHED, $1500; Lots 3, 4 and 5, Block 16, Dumbarton Subdivision, Warren and Northside; owner and builder, H Gridley, 2610 El Camino, Redwood City.

RESIDENCE, $6000; Lot 8, Block 5, University Heights, Oakley Ave; owner and builder, Herbert Kronz, 28111 E 11th St, Hayward.

2-ROOM ADDITION, $2000; Lots 37, 38, Block 10, 89th St, Homestead; owner and builder, J C Donaldson, Colma.

BUILDING, $1000; Brisbane Highway Lots, Parcel 38, Bayshore Highway; owner and builder, Wm Bennetts, Box 173, Brisbane.

REDWOOD CITY

GUEST HOUSE, $2500; 1122 Woodside Rd, Portion 2, Valvota Park; owner and builder, Wm A Delaney.

STORE BUILDING, $11,000; 870 Jefferson Ave, Por 4, Block 2, Diller Addition; owner, J B Mirande; builder, Sjoberg & Sjoberg.

TRIPLEX, $15,000; 804-806-808 Adams St, Lot 1, Block 8, Robinson and Eagle Hill; owner and builder, C H Fritschen.

Furnace Permits

OAKLAND

1654 81st Ave; owner, Thornsburg; dealer, A E Hess; floor furnace

7050 Broadway Terrace; owner, Smith; dealer, A E Hess; floor furnace.

5880 Chabot Rd; owner, Dye; dealer, A E Hess; central furnace.

Plumbing Permits

OAKLAND

510 Henry St; owner, Wimbley; dealer ,A McDougall; 6 fixtures.

4150 39th Ave; owner, Lindley; dealer, Harold Sogn; 1 fixture.

606 55th St; owner, B Herz; dealer, Cleaners Exchange; 1 gas outlet.

3405 Grand Ave; owner, T Shuman; dealer, Cleaners Exchange; 1 gas outlet.

2745 E 10th St; owner, Roop; dealer, O H Hanson; 1 fixture.

409 13th St; owner, Elite Barber Shop; dealer, Geo May; 5 fixtures.

658 56th St; owner, John Laurence; dealer, Geo May; 1 fixture.

1463 8th St; owner, ...; dealer, Cleaners Exchange; 1 gas outlet.

Completion Notices

SAN FRANCISCO

Recorded Accepted

Feb 25, 1946—NE LOT 3 and NW Santa Cruz Ave. Eugene Vignati and F C Frank to Vignati & Frank....................February 25, 1946

Feb 20, 1946—NE LOT 2 and NW Santa Cruz Ave. Eugene Vignati and F C Frank to Vignati & Frank..................February 20, 1946

Feb 26, 1946—42 and 48 HAHN. A Nelson to whom it may concern ....February 31, 1946

Liens Filed

SAN FRANCISCO

Recorded Amount

Feb 27, 1946—1544 GRANT Avenue. Ed Friedlander vs J D Cuneo, et al $98.75

MARIN COUNTY

Recorded Amount

Feb. 25, 1946—State Highway near Ignacio. E Cavasso vs Myron Holcomb and wife....................$1,250.39

Non-Responsibility

SAN FRANCISCO

Feb 26, 1946—NW UNION and Fillmore. Minnie Rabinovich as to improvements on property.

Feb 21, 1946—LOT 29 Blk 7028-A Sub No 2, Geneva Ter. Veterans Welfare Board of Calif as to improvements on property.

Electrical Permits

SAN FRANCISCO

SAN FRANCISCO

9182 5423 Geary; owner, ...; contractor, Century Elec Constr Co;

9183 12th and Mission Sts; owner, McKales, Inc; contractor, Pacific El & Mech Co; 4 outlets; 1 plug; motors.

9184 582 Geary St; owner, Natl Liquor Stores; contractor, Malm and Welter; 3 outlets.

9185 282 Minna St; owner, Aetna Eng Co; contractor, Dover Elec Co; motors.

9186 695 Stevenson Street; owner, ...; contractor, Dover Elec Co; alterations.

9187 1175 Market Street; owner, Crystal Palace Market; contractor, Dover Elec Co; 11 outlets.

9188 1781 Yosemite; owner, Atlas Metal Spinning; contractor, Dover Elec Co; alterations.

9189 1181 Market St; owner, J M Long & Co; contractor, Dover Elec Co; 40 outlets; alterations.

9190 290 Sea Cliff; owner, ...; contractor, Golden Gate Elec Co;

9191 912 Cole St; owner, ...; contractor, Golden Gate Elec Co; alterations.

9192 339 Shotwell St; owner, ...; contractor, Golden Gate Elec; ....

9193 799 Golden Gate Ave; owner Coulan; contractor, Golden Gate El;

9194 112 Valencia St; owner, Carpenters Hall; contractor, M Schimetschek; alterations.

9195 1773 Fulton Street; owner, Brown; contractor, M Schimetschek; 1 plug.

9196 572 Castro Street; owner, Smith; contractor, M Schimetschek;

9197 to 9205 Various locations and owners; contractor, Apex Elec Co; signs.

9206 E Shannon 150 N Geary St; owner, Catz & Meir; contractor, MacCabe Elec Co; 2 outlets.

9207 E 6th St 135 N Clementina; owner, Duart Mfg Co; contractor, W B Baker & Co; 1 outlet; 14 plugs; 1 switch; service; motors.

9208 60 Geary St; owner, London House; contractor, W B Baker and Co; 5 outlets; 1 fixture.

9209 1244 Market; owner, Peter Space; contractor, W B Baker and Co; ....

9210 960 Bush St; owner, Ballalika; contractor, W B Baker & Co; motors.

9211 52 2nd St; owner, Monrach Gold Leaf Co; contractor, W B Baker & Co; ....

9212 1379-81 28th Ave; owner, Pacific Coast Constr Co; contractor, Strom & Smith; 23 outlets; 18 plugs; 20 switches.

9213-16 2400-02, 2406-08, 2410-12, 2414-16 43rd Ave; owner, Pacific Coast Constr Co; contractor, Strom & Smith; 19 outlets; 16 switches; 24 plugs.

OAKLAND

35792 1250 E 14th St; owner, Allied Market; contractor, Fluoro Electric; alterations.

35793 301 E 12th St; owner, Spot Liquor; contractor, Fluoro Electric; 2 fixtures.

35794 5200 E 12th St; owner, Roggers; contractor, Johnston Electric; outlets; switches; fixtures; plugs; motors.

35795 714 Washington; owner, Gold Rush Cafe; contractor, Spott Electric; 1 outlet; 2 switches; 2 plugs.

Engineering Section

(Continued From Page Three)

35— DOCKS, PIERS & HARBORS

2/28/46 35

CONTRACT AWARDED

SAN DIEGO, Calif.—Ofcco Construction Co., 2650 Cherry Ave., Long Beach, at $274,289, awarded contract by U. S. Navy, Public Works Office, 11th Naval District, 1220 Pacific Highway, San Diego, February 19, for the construction of new connections to the station's existing fresh water piping with branches and outlets on Piers 6 and 8; a new extension to the existing city 16-in. high-pressure water main extending up to and including branches and outlets on Piers 6 and 8; new facilities and equipment in existing boiler house No. 3 consisting in general of one new 400 h.p. water tube boiler with induced draft fan, oil burners and auxiliary equipment, new existing steam, water and oil piping systems, and including a new steam connection from the existing header to connect with outside new distribution system; a new steam distribution system from existing boiler house No. 3 up to and including branches and outlets on Piers 6 and 8, and connections to existing air along the existing quay wall, San Diego; Spec. 17445. Bids were received January 25.

2/28/46 35

BIDS OPENED

TACOMA, Wash. — Manson Construction & Engineering Co., 821 Alaskan Way, at $236,160, submitted low bid to the officer in charge of construction, 13th Naval District, Exchange Bldg., Seattle, under Spec. 17417 for inactive fleet berthing facilities, Todd Pacific Shipyards, Inc., Tacoma.

Other bids were:

Hart Construction Co., Tacoma, $237,000.

Morrison - Knudsen Co., Inc., Seattle, $255,000.

38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

2/28/46 38

BIDS WANTED

VANCOUVER, Wash.—Until Mar. 21, 10 A. M., bids will be received by the Public Utilities District No. 1, Geo. Hibbert, Mgr., 210 Central Bldg., Vancouver, for construction of 3-phase, 11,000-volt power line.

Specifications obtainable from the above office upon deposit of $5.00.

2/28/46 38

LOW BIDDER

KALISPELL, Mont.—Hughes Electric Co., 917 W. First St., Spokane, Wash., at $73,701 submitted the low bid to Flathead Electric Cooperative, Inc., Kalispell, Mont., for the construction of 62.33 miles of transmission line.

Plans and specifications prepared by Engineer T. Karkainen, Armory Bldg., Helena, Mont.

40— STREETS AND HIGHWAYS

2/28/46 40

BOND ELECTION

SANTA ANA, Orange Co., Calif.—The Santa Ana City Council has set April 9 as the date for a special bond election for the approval by the voters of a bond issue in the amount of $1,500,000 to finance the construction of sewers, storm drains, flood control and street improvements. The cost estimates for the projects are as follows: street improvements, $575,000; storm drains, $500,000; main line sewers, $300,000; improvements for flood control in Santiago Creek, near Santiago Park, $125,000.

2/28/46 40

BIDS OPENED

LOS ANGELES, Calif.—Frank F. Rasche, 2027 N Hobart St., Los Angeles, at $17,461 submitted the low bid to the California State Department of Public Works, Division of Highways, 808 State Bldg., Los Angeles, February 25, for the relocation of buildings and grading and filling properties to the level of sidewalks in the city of Los Angeles; Road VII-LA-2-LA-7.

Relocations involved are:

(1) 442 S. Pecan St.; (2) 446 S Pecan St.; (3) 2211 E Atlantic St.; (4) 1043 E Soto St.

Complete bids were:

(A) Frank F. Rasche, (1) $5930; (2) $6090; (3) $2124; (4) $3316; total, $17,461.

(B) Chas. Buschlen, (1) $6290; (2) $6460; (3) $2300; (4) $3221; total, $18,190.

(C) R. J. Brennan, (1) $8303; (2) $6116; (3) $2501; (4) $3437; total, $20,357.

2/28/46 • 40

BIDS WANTED

INYOKERN, Kern Co., Calif.—Until March 12, 11 A. M. (postponed from March 5), bids will be received by the office of the officer in charge of construction, Naval Ordnance Test Station, Inyokern, for construction of roads, parking areas and sidewalks, consisting of asphaltic concrete pavement, and grading pertinent to the placing thereof, and portland cement concrete sidewalks, Naval Ordnance Test Station, Inyokern. Specification No. 17503, NOy 13342, may be had on application to the officer in charge of construction, Naval Ordnance Test Station, Inyokern, Calif. Deposit of check or postal money order for $25, payable to the Chief of the Bureau of Yards and Docks, is required for the safe return of each set of bidding data.

Revised plans and specifications are on file for examination at the office of DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco.

2/28/46 • • 40

BIDS WANTED

SAN FRANCISCO.—Until Mar. 20, 2:30 P. M., bids will be received by the Department of Public Works, Room 282, City Hall, under Spec. No. 20,036 for improvement of portions of Girard Street between Ordway and Ward Streets.

Work involves:

(1) 3770 s.f. asph. concrete on rock subbase pavement consisting of 6-in. compacted rock subbase, a 4-in. asph. concrete base and a 2-in. asph. conc. wearing surf.;
(2) 251 l.f. unarmored conc. curb;
(3) 100 l.f. 6-in. VCP side sewer;
(4) 1 each water services (long) at $22.40 each;
(5) 5 each water services (short) at $10 each.

Specifications obtainable from the office of Ralph Wadsworth, city engineer, City Hall, upon deposit of $10.00.

41—GAS, WATER AND OIL PIPE LINES

2/28/46 41

CONTRACT AWARDED

SAN DIEGO, Calif.—OFCCO Construction Co., 2650 Cherry Ave., Long Beach, at $833,650, awraded contract by the U. S. Navy, Public Works Office, 11th Naval District, 1220 Pacific Highway, San Diego, February 25, for the construction of new connections to the station's existing low pressure fresh water piping system with branches and outlets on Piers 10 to 13, inclusive, a new extension to the existing city 16-in. high pressure water main extending up to and including branches and outlets on Piers 10 to 13, inclusive; new boiler house, including new equipment consisting in general of three new 400 h.p. water tube boilers with auxiliary equipment, including feed water heater, boiler feed pumps, oil burners, draft fans, steel stacks, water softeners and complete pertinent auxiliary equipment; two 250 h.p. motor-driven compressors with automatic control and pertinent auxiliary equipment, steam distribution system from the boiler house to outlets on piers; compressed air distribution system from compressors to outlets on piers, and other miscellaneous work; Spec. No. 17474. Bids were received Feb. 13.

2/28/46 • 41

BIDS WANTED

MARCH FIELD, Riverside Co., Calif.—Until March 13, 1 P. M., lump sum bids will be received by the U. S. District Engineer Office, 751 S. Figueroa St., Los Angeles, for revision of aviation oil storage and dispensing system at March Field, Riverside County; Serial 151 .

2/28/46 • 41

BIDS WANTED

SAN FRANCISCO—Until March 19, 3 P. M., bids will be received by the Public Utilities Commission, Room 287 City Hall, under Water Department Contract No. 417 for laying 4-inch, 6-inch and 8-inch cast iron mains in Grandview Ave. and Grandview Terrace.

The work involves:

(1) 800 lin. ft. excavation and backfill;
(4a) 400 lin. ft. install bell and spigot cast iron pipe;
(4b) 280 lin. ft. do;
(4c) 120 lin. ft. do;
(5) 1800 lbs. install fittings, valves, etc.
(6a) 90 lbs. bell and spigot joints for pipe and fittings;
(7) 600 sq. ft. street pavement;
(8) 37 each install ¾-in. screw taps;
(9) 500 lin. ft. install ¾-in. service pipe;
(10) estimated field inspection per calender day, $10.75.

(A) materials furnished and services rendered by the San Francisco Water Department, $1336.50.

Specifications obtainable from the cashier's office, 6th floor, 425 Mason St.; no deposit required.

2/28/46 • • 41

CONTRACT AWARDED

SAN FRANCISCO—Fred T. Fairey 1874 25th Ave., at $1,227.95 awarded contract by the Public Utilities Commission, Room 287, City Hall, under Water Department Contract No. 415 for laying 8-inch main in Alemany Blvd. east of Maglee.

2/28/46 • • 41

CONTRACT AWARDED

SAN FRANCISCO.—The S. F. Water Department at $4,389.05 awarded contract by the Public Utilities Commission, Room 287, City Hall, under Water Department Contract No. 414 for laying 2- and 6-inch cast iron main in Lily St., Prescott Court, Buena Vista Terrace and 15th Street.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Misc. Supplies & Materials	42
Machinery and Equipment	43

42— MISC. SUPPLIES AND MATERIALS

2/28/46 • 42

BIDS OPENED

SACRAMENTO, Calif.—The Johns-Manville Co., at $0.877, submitted only bid to the City of Sacramento, city clerk's office, City Hall, for 10,000 feet of 6-inch asbestos cement pipe for the Water Department.

2/28/46 • 42

BIDS WANTED

SAN FRANCISCO—Until March 12, 10 A. M., bids will be received by the Navy Material Redistribution and Disposal Office, 785 Market St., San Francisco 3, under Sales No. B-299-46 for furnishing 5000 Grove hydraulic releasing devices for life floats located at Grove Regulator Co., 1190 67th St., Oakland.

2/28/46 42

BIDS WANTED

DAVIS DAM PROJECT, Arizona-Nevada.—Until April 5, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., for furnishing f.o.b. shipping point or Phoenix and Tucson, Ariz., electrical equipment for the Phoenix and Tucson substations, Davis Dam Project, Arizona-Nevada; Specification No. 1211: 1 self-cooled transformer, 15,000 kva., 66,400/115,000 Y to 13,000 delta-volt, 3-phase, 60-cycle, outdoor, oil immersed, and with 3 single-pole lightning arresters for 13,800-volt ungrounded-neutral circuit; 4 outdoor type oil circuit breakers, 115,000-volt, 600-ampere, with automatic reclosing equipment; 1 outdoor type oil circuit breaker, 15,000-volt, 1200-ampere, 3 disconnecting switches, 115,000-volt, 600-ampere, with manually-gang operated ground blades; miscellaneous 115,000-volt, outdoor type disconnecting switches; miscellaneous 15,000-volt disconnecting switches and current transformers; 2 outdoor type potential transformers, 15,000-volt and miscellaneous lightning arresters and other electrical equipment. No charge to prospective bidders for specifications; to others, $1.50.

2/28/46 • 42

BIDS WANTED

TURLOCK, Stanislaus Co., Calif.—Until March 5, 7:30 P. M., bids will be received by the City of Turlock, Walter M. Brown, city clerk, 108 N. Broadway, Turlock, for furnishing bowl unit, shafting and other materials for a city-owned pump.

Specifications obtainable from the above office.

2/28/46 • 42

BIDS WANTED

CENTRAL VALLEY PROJECT, California.—Until March 13, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Inv. No. A-48,764-A for (1) 23,000 pieces ⅝-inch round deformed reinforcement bars 31 feet 8 inches long and (2) 115,000 pieces ⅝-inch round deformed bars 31 feet long, f.o.b. shipping point and/or Friant, Friant Division, Central Valley Project. California.

Specifications obtainable from the above office.

2/28/46 • 42

BIDS WANTED

PANAMA CANAL.—Until March 5 bids will be received by the General Purchasing Officer, The Panama Canal, Washington 25, D. C., for 8000 5-gal. empty shipping cans, terne plate, with screw cap; Sch. 8193.

2/28/46 • 42

BIDS WANTED

PANAMA CANAL.—Until March 4 bids will be received by the General Purchasing Officer, The Panama Canal, Washington 25, D C., for 500 solid tool steel ship scrapers, 96 wood rasps, 60 crosscut hand saws, 24 hand saw sets, 1500 machetes with bone handles, 60 machete sheaths, leather; 12 pairs hedge shears, 12 tinners' shears, 24 sheep or grass shears, 60 scythe snaths, 20 blacksmiths' sledge hammers, 200 hand shovels, 108 combination pliers, 12 dozen trowels, 60 bench screws, 600 wood rules, folding; 6 miter boxes and 24 conductors' ticket punches; Sch. 8184.

2/28/46 • 42

BIDS WANTED

PANAMA CANAL.—Until March 5 bids will be received by the General Purchasing Officer, The Panama Canal, Washington 25, D. C., for 65,000 ft. b.m. California redwood lumber; Sch. 8191.

2/28/46 • 42

BIDS WANTED

PANAMA CANAL.—Until March 4 bids will be received by the General Purchasing Officer, The Panama Canal, Washington 25, D. C., for 1 hand measuring pump; 500 pencil sharpeners; 24 plunger type door holders; 2000 pieces clear window glass; 30 pieces figured glass, 30x60 ins.; 146 gross steel machine screws; 150 gross brass wood screws; 400 gross crew machine nuts; 2500 aluminumware soup bowls; 2500 aluminum dringing cups; 20,000 yards 36-inch cheesecloth; 5000 paper bags, 94-lb.; 12 steel office cabinets, sections; card size, and 36 letter-size do; Sch. 8188.

2/28/46 • 42

BIDS WANTED

PANAMA CANAL.—Until March 6 bids will be received by the General Purchasing Officer, The Panama Canal, Washington 25, D C., for 100 double metal beds with springs; Sch. 8189.

2/28/46 • 42

BIDS WANTED

PANAMA CANAL.—Until March 6 bids will be received by the General Purchasing Officer, The Panama Canal, Washington, D. C., for 6000 lbs. lubricating grease; 800 lbs. extreme pressure lubricating oil; 20,000 lbs. titanium-barium pigment in oil; 100,000 lbs. white lead paste in oil; 6000 lbs. lampblack, paste in oil; 5000 lbs. pigment, chrome green, paste in oil; 4000 lbs. chrome yellow pigment, paste in oil; 30,000 lbs. dry zinc oxide pigment; 500 lbs. dry bismarck brown; 1000 gals. turpentine; Sch. 8195.

2/28/46 • 42

BIDS WANTED

STERLING, Colo.—Until March 19, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver 2, Colo., under Inv. F-46,152-A for furnishing steel reinforced aluminum bars stranded conductor, compression connectors, etc., f.o.b. shipping point and/or Sterling, Colo., and/or intermediate points between Brush and Holyoke, Colo.; Brush-Sterling-Holyoke transmission line.

Specifications obtainable from the above office.

2/28/46 • 42

BIDS WANTED

SOCORRO, N. M.—Until March 13, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver 2, Colo., under Inv. C-8586-A for furnishing (1) 120,000 lin. ft. 5/16-in. diameter 3-wire galvanized ground wire; (2) 37,000 lin. ft. 7/16-in. diameter 7-wire galvanized guy wire; (3) $1,220,000 lin. ft. ⅜-in. diameter 7-wire galvanized overhead ground wire; (4) 46,500 2-in. galvanized steel staples and (5) 13,000 each 3-in. galvanized steel staples, f.o.b. shipping point and/or Socorro, N. M.

Specifications obtainable from the above office.

2/28/46 • • 42

BIDS WANTED

FORT PECK, Mont.—Until March 18, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo.. under Inv. 18,666-A for furnishing 5,227,200 l.f. of steel reinf. bare aluminum stranded conductor, compression connectors, wrenches, etc., fob shipping point and/or Wolf Point, Mont.; Williston, North Dakota; Watford City, North Dakota; Killdeer, North Dakota and/or Hazen, North Dakota.

Specifications obtainable from the above office.

43— MACHINERY AND EQUIPMENT

2/28/46 43

BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until March 11 bids will be received by the U. S. Maritime Commission, 1107 Financial Center Bldg., Oakland for the conversion of two 600-ft. twin screw turbine-driven passenger and cargo ships. Contractors will be permitted to bid on one or both vessels and the work must be performed in yards of continental U. S. Plans and specifications may be obtained at the above office.

2/28/46 • 43

COMPLETE BIDS

CENTRAL VALLEY PROJECT.—The following submitted bids to the office of the Bureau of Reclamation, Walker R. Young, chief engineer, Denver, Colo., under Spec. No. 1147 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Coram, Calif., at the option of the bidder, structural steel anchorages and gate seats for three drum gates at Shasta Dam, Kennett Division, Central Valley Project:

Continental Bridge Co., Denver, (1) $23,000, f.o.b. Peotone, Ill.; 212,000 lbs.; ½% 10 days.

Consolidated Steel Corp., Los Angeles, (1) $22,320, 204,000 lbs.; (2) $36,380, 117,000 lbs.; f.o.b. Los Angeles; net.

Pacific Coast Engineering Co., Alameda, (1) $24,750, 200,000 lbs.; f.o.b. Oakland; (2) $23,800, 136,000 lbs., f.o.b. Alameda; net; combination bid, $48,230.

Schmitt Steel Co., Portland, (1) $24,800, 205,000 lbs.; (2) $20,450, 150,000 lbs.; f.o.b. Portland; ½% 10 days; combination bid, $44,900.

Omaha Steel Works, Omaha, (1) $30,350, 207,000 lbs.; (2) $41,235, 132,483 lbs.; f.o.b. Omaha; net.

American Bridge Co., Denver, (1) $20,341, 192,000 lbs.; (2) $30,964, 126,100 lbs.; f.o.b. Gary, Ind.; net; combination bid, $51,000.

Willamette Iron & Steel Corp., Portland, (2) $22,036, 144,000 lbs.; f.o.b. Portland.

2/28/46 • 43

COMPLETE BIDS

PARKER DAM POWER PROJ., Calif.—Following submitted bids to the Bureau of Reclamation, Purchasing Agent, Room 400 U. S. Customs Bldg., Denver, for furnishing and delivering fob cars at the shipping point or fob cars at Earp, Cal., at the option of the bidder, the steel partition and housing for the Parker Power Plant, Parker Dam Power Project, Calif. All materials will be installed by the Government:

Allison Steel Mfg. Co., Phoenix, $5,560, 26,000 lbs.; ship 60 days; fob Phoenix; terms net.

California Steel Products Co., Richmond, Calif., $7013; 30,000 lbs.; ship 120 days; fob Richmond; terms net.

Mills Co., Cleveland ,Ohio, $7157; 30,315 lbs.; ship 100 days; fob destination; terms net.

John W. Beam Denver, $8000; 34,000 lbs.; ship 120 days; fob Peotone, Ill.; terms ½% 10 days.

Estey Brothers Co., Brooklyn, N. Y., $9250; 30,000 lbs; ship 90 days; fob Brooklyn: terms net.

Willamette Iron and Steel Corp., Portland, Ore., $16,500; 30,000 lbs.; ship 120 days; fob Portland; terms net.

2/28/46 • • 43

BIDS POSTPONED

CENTRAL VALLEY PROJECT.—Until March 27, 2 P. M. (postponed from Feb. 27), bids will be received by the Department of the Interior, Bureau of Reclamation, Denver, Colo. under Spec. No. 1158 for furnishing and installing electric elevator for Keswick Power Plant, Kennett Division, Central Valley Project.

The Keswick Power Plant is situated on the Sacramento River near Redding.

The elevator will be an electric elevator having a capacity of 3,000 lbs. and will be used primarily for passenger service. The travel will be 67 feet 6 inches.

This invitation for bids does not cover the purchase of materials which are to be furnished by the Government. Materials to be furnished by the contractor and those furnished by the Government are described in the specifications which will be a part of the contract.

Specifications obtainable from the above office. No charge to prospective bidders for copies of the specifications and drawings; to others, $1.50 per copy, not returnable.

2/28/46 • • 43

BIDS WANTED

HUNTERS POINT, San Francisco.—Until March 11, bids will be received by the U. S. Navy, Bureau of Yards and Docks, Washington, D. C., for furnishing eight anti-friction bearing, overhead, electric, traveling cranes for the U. S. Naval Shipyard, Hunters Point; Spec. No. 17301.

2/28/46 • 43

BID OPENED

STOCKTON, San Joaquin Co., Cal.—Elgin Sweeper Co., Elgin, Ill., at $8,194.88 submitted only bid to the Stockton City Council, B. L. Trahern, City Clerk, City Hall, for furnishing one motor street sweeper.

2/28/46 • 43

CONTRACT AWARDED

BERKELEY, Alameda Co., Calif.—Aladdin Heating Corp., 2222 San Pablo Ave., Oakland, at $1497, awarded contract by the City of Berkeley, city clerk, City Hall, Berkeley, for furnishing labor and materials for installing blast coils in warm air ducts of steam heating system at Main Public Library, 2090 Kittredge St., Berkeley.

2/28/46 • 43

BIDS WANTED

CRESCENT CITY, Del Norte Co., Calif.—Until March 12, 8 P. M., bids will be received by the Del Norte County High School District, A. T. Manuel, president, Crescent City, for one school bus with capacity of 31 school passengers.

Specifications obtainable from the above office.

2/28/46 • • 43

CONTRACT AWARDED

SAN FRANCISCO.—Pacific Heating & Sheet Metal Co., 3420 18th St., at $1,915 awarded contract by the Department of Public Works, Room 282, City Hall, for equipment for kitchen at Galileo High School.

EMPLOYMENT SERVICE

For further information regarding positions listed under this classification address Newton D. Cook, Manager, Engineering Societies' Personnel Service, 57 Post St., San Francisco.

DRAFTSMAN, exper. on city and county work; perm. oppor.; $250-300 month to start. Monterey Co. S-616.

CONSTR ESTIMATOR, exper. on preparation of bids for bldg. contractors. Salary $600 month. S. F. S-524.

STRUCTL. ENGR., licensed, take charge of dept.; (B) STRUCTL. DESIGNER, steel, chief draftsman; (C) JR. ENGR., some struc. drafting exper. Salaries up to $500 mo. East Bay. S-596.

ASST. ENGR., civil, with exper. operating and maintaining water works. Salary $275 month. Perm. Northern Calif. S-622.

MECHL. DESIGNER, exper. on plant layout and machine designs. Sal. open. San Francisco. S-617.

ESTIMATOR, prefer young engrg. grad. to learn steel plate mfg. business. Salary $200-250 mo. to start. East Bay. S-618.

Official Proposal

Construction Project Calif. DA-WR 225(1), Unit 2, Access Road to Army Air Force Intransit Depot.

FEDERAL WORKS AGENCY, PUBLIC ROADS ADMINISTRATION, San Francisco, California, February 26, 1946. Sealed bids will be received at the office of the Public Roads Administration, 720 Phelan Buildings, San Francisco, California, until 2:00 p.m. on March 12, 1946, and then publicly opened for furnishing the materials and performing the work for constructing Project California DA-WR 225(1) Unit 2, Access Road to Army Air Force Intransit Depot, Alameda, Alameda County, California. The length of the project is 0.171 mile and the principal items of work are approximately as follows: 840 cu. yds. unclassified excavation; 25 cu. yds. unclassified excavation for structures; 34 M Gals. watering; Lump Sum providing and maintaining water plant or plants; 1,450 tons crushed gravel or crushed stone base course; 4 tons medium curing cutback asphalt for prime coat; 1 ton emulsified asphalt for tack coat; 4 tons blotter material for bituminous preservative treatment; 1 ton medium curing cutback asphalt for bituminous preservative tmeat; 584 tons plant mixture; 29 tons asphalt; 78 lin. ft. vitrified clay culvert pipe; 4 citrified clay culvert pipe elbows; 4 catch basins; 3 sets cast-iron frames, gratings and curb inlet housings; 1 storm drain manhole; 1,460 lin. ft. concrete curb. The minimum wage paid labor employed on this project shall be in accordance with the classified labor rates set forth in the Special Provicions. Plans and specifications may be examined by prospective bidders at Room 723 Phelan Building, San Francisco, and at the Associated General Contractors' Office at 216 Pine Street, San Francisco. Plans, specifications and proposals may be obtained at the office of the Public Roads Administration, 720 Phelan Building, San Francisco 2, California. CHAS. C. MORRIS, Division Engineer.

(Daily Pacific Builder)
(Feb. 28, 1946)

Construction of New Road Across Berkeley Campus of U. of C.

ADVERTISEMENT FOR BIDS

Subject to conditions prescribed by the undersigned, sealed bids are invited for construction of new road between Piedmont Avenue and La Loma Avenue and Hearst Street across the Berkeley campus of the University of California. A deposit of $10.00 is required for plans and specifications. No bids received after 2:00 P. M., Monday, March 11, 1946. For plans and information, call at, or address the Cashier's Office, 103 Administration Building, University of California, Berkeley 4, California. The right to reject any and all bids is reserved.

THE REGENTS OF THE
UNIVERSITY OF CALIFORNIA
(Daily Pacific Builder)
(February 26, March 1, 5, 1946)

Classified Advertising

POSITION WANTED

EXPERIENCED SPECIFICATION TYPIST desires temporary work. Write or wire Lillian Price, 1277 Spruce St., Berkeley.
2/27-28, 3/1-4-5/46

CONSTRUCTION SUPT., PROJECT MANAGER, age 35; engineering background; veteran; heavy construction, utilities and earth-moving. Reply Box 226-A, c/o Daily Pacific Builder. to 2/28/46

POSITION WANTED

ESTIMATOR, not just a dope with a pencil, but a MAN WITH EXPERIENCE IN EVERYTHING a GENERAL CONTRACTOR CAN BUILD. I base my estimates on thorough, accurate, takeoff and conservative pricing; and SUBS who know and trust me. Am financially independent, therefore do not have to take chances with your money to hold job. Work for ETHICAL FIRM only. Always commanded top salary. HAVE AND CAN MANAGE MULTI-MILLION PROJECTS, or run your firm. Educated, cultured and traveled. Can meet top level people on equal terms. Expect salary compatible with work and responsibility. Have general contractor's license. Reply Box 228, c/o Daily Pacific Builder. to Mar. 6, '46

HELP WANTED

EXPERIENCED ENGINEER. Municipal experience preferred. Salary $300 per month. Apply at Personnel Department, Room 215, City Hall, City of Stockton, Stockton, California.
2/26-27-28, 3/1-4/46

JR. ARCHITECTURAL DRAFTSMAN, 2 to 3 yrs. exp. Phone HE. 5904, Painting Division, for appointment. American Building Maintenance Co., 16th and Vermont Sts., S. F.
to Mar. 1, '46

QUANTITY SURVEY MAN for General Bldg. Construction. Must have initiative and good background. Permanent position. Salary open. A. Farnell Blair Co., Inc., 9 Main St., San Francisco. Phone YU. 0390.
2/21-25-26-27-28/46

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LARGEST CONSTRUCTION DAILY IN THE WEST

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Fifty-sixth Year—Vol. 56— No. 42 SAN FRANCISCO, FRIDAY, MARCH 1, 1946 PRICE 15 CENTS PER COPY

CALIFORNIA STATE

PLANS and Speculations

Richmond: City officials were preparing today to lure Henry Kaiser and his gypsum plant back to Richmond after previously discouraging the production, king from building here because of the dust hazard which would be created. Tuesday city officials conferred with Kaiser executives in an attempt to "woo" them back and offered the proposed plant site a lot near Parr Terminal No. 1.

oOo

Redwood City: More than 1500 signatures of the needed 2500 voters, necessary to fill a petition asking for a south county hospital, have already been obtained and the quota is expected to be filled by March 15. Committeemen met Wednesday night in the city hall to discuss plans for the campaign.

oOo

Berkeley: Proposals for a well-planned community shopping area in the vicinity of Sather Gate, were revealed this week when members of the Sather Gate Business Association confessed that the proposal to rezone Durant Ave. from College to Shattuck Avenues, was only "a means towards an end". Larry Blake, president of the organization, asserted the plan is to make the area the "most modern and efficient business district in the state".

oOo

Klamath Falls, Ore.: The state board of higher education has inspected and approved the former Klamath Marine barracks site, tentative conversion project, to be made a 6½ million dollar co-educational college for 1500 veterans unable to study at Oregon's overcrowded schools. Acceptance of the site is assured provided the Navy turns it over "with no strings attached", board officials said.

oOo

Chico: A venetian blinds manufacturer is planning to open a small plant here, Ralph Lewis of Chico, has announced.

oOo

Redwood City: Plans are being considered for the repair and improvement of city water mains and facilities which deteriorated during the war and are needed to keep abreast of current building progress, city officials announced yesterday. The city council has approved a portion of the necessary funds, $27,000, which will be spent mainly for materials such as pipes. The project will be completed over a four-year period.

oOo

Richmond: Public Works Director E. A. Hoffman has been given approval from the city council to conduct a city-wide survey of street lighting for the purpose of determining the need of additional lighting.

U. S. Bureau of Reclamation To Aid China In Developing World's Largest Power Project

Aided by engineers of the U. S. Bureau of Reclamation, the government of China is planning development of the largest irrigation and hydroelectric power project the world has ever known. Key feature of the project which is designed to revitalize the heavily-populated, hunger - ridden, flood - menaced Yangtze valley, will be a huge dam in the gorge of the river about 300 miles east of Chungking.

Tall as a skyscraper, this dam as planned will reach higher into the sky than Boulder dam on the Colorado river, now the world's highest (750 feet compared with 726). Its hulking mass—a third greater than Grand Coulee dam on Columbia, dwarfs the largest pyramid. A record 250-mile reservoir backed up behind the dam (50 million acre-feet capacity, compared to Boulder's approximately 31 million) will store water for the mammoth irrigation project, to maintain navigation, for flood control, and for power production.

"It's gigantific!" exclaimed a visitor to the Bureau of Reclamation design office upon being shown artist conception drawings of the dam.

The Bureau of Reclamation of the Department of the Interior is participating in the planning of the project under a contract between the government of the United States and the National Resources Commission of China. Commissioner of Reclamation Michael W. Straus said that work on designs and specifications is underway at the Denver office, and that the government of China has advanced $250,000 toward payment of the cost of the Bureau's services. This is the first installment toward the $500,000 estimated total payment that will be required.

The arrangement which was arrived at in consultation with the State Department, covers only technical studies and design work as paid for by China. Specifically, the agreement sets forth that the United States assumes no responsibility for financing or construction.

Hinging on construction of the dam is a comprehensive plan to rebuild the valley from the rice roots up. Within a 300-mile range of the dam site recurrent famine and flood have devastated an area containing a population greater than that of the entire United States.

The dam will impound waters of the Yangtze to provide irrigation for 10,000,000 acres of land, and also protect the valley against floods.

(Continued on Page Three)

COMPLETE COVERAGE IN SAN MATEO CO.

With the recent appointments of correspondents in Atherton, Belmont, Hillsborough, San Bruno, South San Francisco and Daly City, the Daily Pacific Builder takes pleasure in announcing complete coverage for San Mateo County.

All building permits granted for $1000 and over in the entire county, including the unincorporated areas, are now or soon will be regular "Builder" features.

#

PLASTIC SPECIALTIES IDEAS

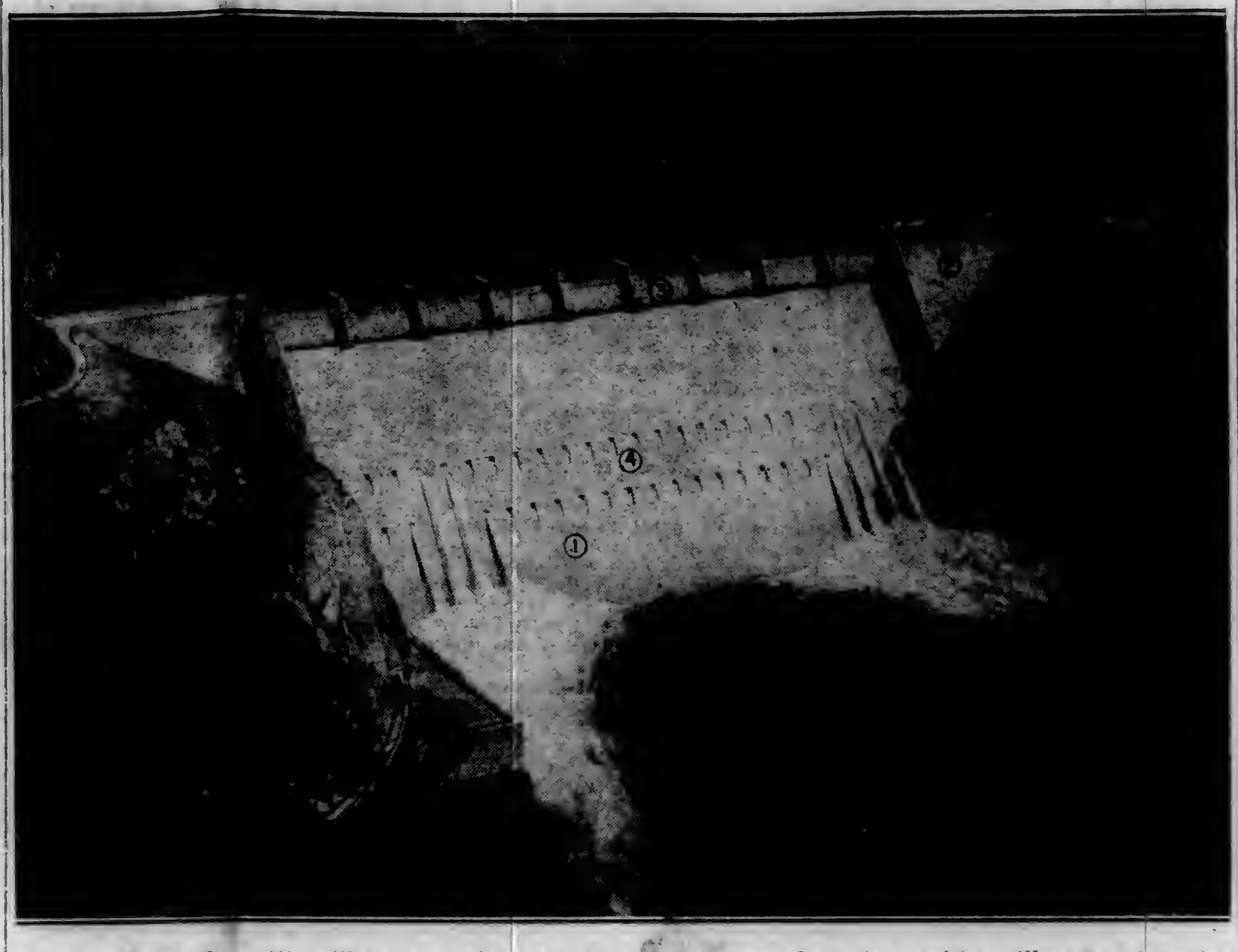
A new 24-page colorful catalog "Plastic Advertising Specialties of Distinction", has been prepared by The Emeloid Co., 286 Laurel Ave., Arlington, N. J., to stimulate sales of plastics specialties. One of the most completely equipped plastics plants in America, Emeloid offers advertising specialties custom-made to individual requirements. Write to them for the booklet.

#

CORROSIVE LINING BULLETIN

A new sales bulletin titled, "Lining for Industrial and Process Equipment", and thoroughly describing the complete range of synthetic rubbers, Bakelite, plastics, vinyl, thickol and neoprene lining manufactured by them to combat corrosion in a host of commercial equipment, is now available by writing to Industrial Lining Engineers, Inc., Edgeworth, Pa., c/o Sewickley Post Office.

YANGTZE DAM DWARFS PYRAMIDS



Yangtze Gorge dam (1) will be a straight gravity concrete overflow dam with spillway and outlet works occupying the whole river channel portion of the dam. A nonoverflow abutment portion of dam (2) will close the gap between the channel portion of dam and each wall of the gorge. Spillway discharge will be controlled by nine 135-foot by 56-foot drum gates (3) of Coulee Dam type. Outlet discharge will be controlled by 104 aerated jet gates installed in tandem in 52 102-inch conduits (4) extending through the dam. These outlet conduits will be protected against floating trash by means of trashracks installed on the upstream face of dam. At least one-quarter of the outlet conduits will be designed to facilitate the passing silt carried by the Yangtze (not shown). Energy dissipation of spillway and outlet flow will be controlled by an unusually long and massive hydraulic jump concrete apron (not shown). A highway and railway bridge (not shown) will be probably constructed over the spillway portion of the dam.

Sacramento Constr. Pioneer Dead

SACRAMENTO, February 27.—Adolph Teichert, Sr., 91, founder of the A. Teichert & Sons Constr. Co., died last night in his home at 2401 J Street.

Mr. Teichert came to Sacramento more than 50 years ago and was prominent in the construction business and Masonic circles here. The body is at the chapel of Miller & Skelton where funeral arrangements are pending. He is survived by one son, a daughter, and six grandchildren.

Industry Approves Copper, Brass Pipe Practice Plan

A simplified practice recommendation for copper water tube and copper and brass pipe has been approved for promulgation, according to an announcement of the Division of Simplified Practice of the National Bureau of Standards. It is effective from Mar. 15, and will be identified as R217-46.

The recommendation covers copper water tube and copper and brass pipe intended for plumbing uses. It establishes as a useful standard of practice in the production, distribution, and use of these items, a simplified list of types and sizes.

Until printed copies are available, free mimeographed copies may be obtained from the Division of Simplified Practice, National Bureau of Standards, Washington 25, D. C.

SURPLUS GOODS LISTINGS

National consumer goods listings are published in a new magazine-type format titled, "Surplus Reporter", by the Reconstruction Finance Corporation. Containing a complete, concise listing of material for sale, the booklet is obtainable by writing to the Tenth Regional Office of Consumer Goods Division, Office of Surplus Property, 30 Van Ness Ave., San Francisco 2, and requesting to be placed on their mailing list.

Use "Builderads"—
They Bring Results

GROOVER AND I

WIN, PLACE AND SHOW

On Tuesday, the 26th, at Miami's Hialeah horse park, in the second race, a "sleeper" came in paying $120.70 for a win ticket. This means that very few of the horse players thought the nag had a chance.

* * *

On the same day, Winston Churchill, just awarded an Honorary Degree of Doctor of Laws by the University of Miami, was on the air with a "harmony, unity and peace talk".

* * *

Boys, get out your dream book—the horse paying $120.70 was "PEACE TALK".

* * *

Winston Churchill's pal, Joseph P. Kennedy, former U. S. Ambassador to the Court of St. James, and importer of excellent scotch whiskey (if there is any left) owns the Hieleah Park, if that means anything to you.

* * *

On the same day, off the coast of Miami, ex-President Herbert Hoover caught a bonefish weighing 10 lbs. 3 oz. This is the season's record to date and puts Mr. Hoover in place for first money.

* * *

The world record bonefish, weighing 13 lbs. 12 oz., was caught in March 1919 between Miami and Bimini, B.W.I., by B. F. Peek.

* * *

(Marguerite, how did Herbert Hoover manage to drag a fish in here. I started talking about horses.)

* * *

Florida, palm-fringed, chromium-plated and filled with brilliant sunshine, thousand-dollar bills and expensive sinning, is right now at the peak of the winter season.

* * *

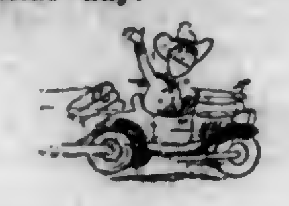
The place is also crawling with baseball training camps—the Dodgers at Sanford, Giants at Miami, Cardinals at St. Petersburg, Tigers at Lakeland, Boston Braves at Ft. Lauderdale—this could go on into the eleventh inning.

* * *

If I ever expect to return to Los Angeles for my forgotten raincoat, I had better mention the Santa Anita track at Arcadia, California.

* * *

Hialeah considers a 1.5 million-dollar day as tops, while Santa Anita doesn't become excited over a three-million-dollar day.



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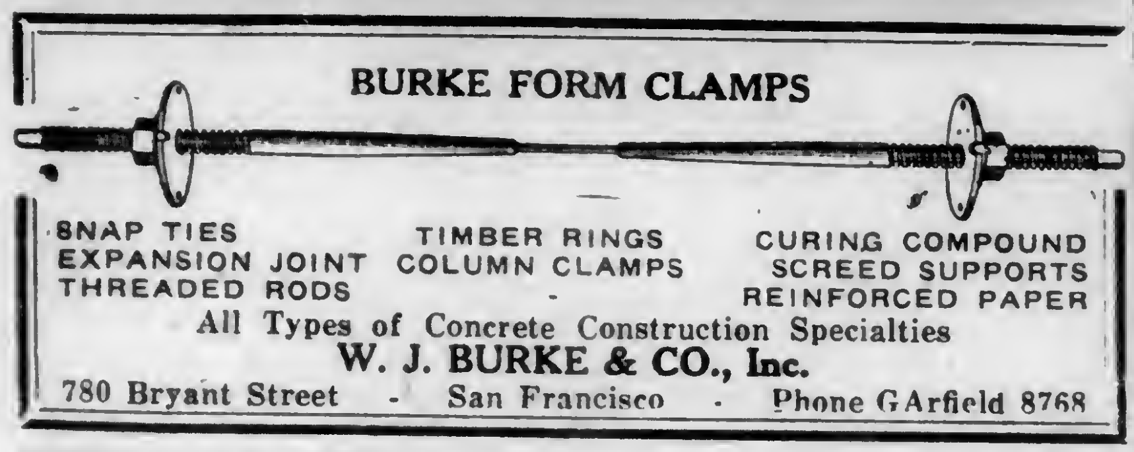
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OFFICIAL PROPOSALS

FIRST PUBLISHED TODAY

Highway Improvements—Mendocino County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **March 27, 1946**, at which time they will be publicly opened and read, in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Mendocino County, at Dooley Creek, 1 mile east of Hopland (I-Men-16-A), a reinforced concrete slab bridge on concrete pile bents to be constructed and about twelve hundredths (0.12) mile of approaches to be graded and surfaced with road-mixed surfacing and seal coat applied thereto.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.125
Cement finisher	1.75
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity)	1.70
Concrete vibrator operator	1.25
Flagman	1.00
Jackhammer operator	1.25
Laborer	1.00
Motor grader operator	1.85
Oil distributor bootman	1.125
Oiler, power shovels or cranes	1.25
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equpment, shovel type controls (over one cubic yard)	2.00
Pile driver hoistman or operator	1.85
Pile driver man	1.61
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.5625
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.4375
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.375
Truck driver (4 cubic yards and less than 8 cubic yards water level capaciyt)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Any classification omitted herein not less than	1.00

Overtime — one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specification. Each bidder must be licensed and also prequalified as required by law (see said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated March 1, 1946.
(Daily Pacific Builder)
(Mar. 1-8-15, 1946)

FIRST PUBLISHED TODAY

Highway Improvements—Lake Co.

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **March 27, 1946**, at which time they will be publicly opened and read, in the Assembly Room of said building, for construction in accordance with the specifications therefor, to which special reference is made, of a portion of State highway as follows:

Lake County, across Kelsey Creek at Kelseyville (I-Lak-89-D), a structural steel girder bridge and approaches to be constructed.

Bids are required on the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Skilled Labor	
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.125
Cement finisher	1.75
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity and paving type)	1.70
Derrick operator	2.00
Motor grader operator	1.85
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Painter (structural steel)	1.625
Pile driver hoistman or operator	1.85
Pile driver man	1.61
Reinforcing steel worker	1.50
Roller operator	1.65
Structural steel worker	1.75
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.5625
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.4375
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.375
Intermediate Grade Labor	
Concrete vibrator operator	1.25
Jackhammer operator	1.25
Oil distributor bootman	1.125
Oiler, power shovels or cranes	1.25
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Unskilled Labor	
Flagman	1.00
Laborer	1.00

Positions not listed above will be allocated in accordance with the definitions which appear in the special provisions, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.25 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.00 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.00 per hour.

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposed to be done will be financed in whole or in part with Federal funds and that therefore all of the applicable Federal statutes, rules, and regulations will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifications regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications, regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (See said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated March 1, 1946.
(Daily Pacific Builder)
(Mar. 1-8-15, 1946)

FIRST PUBLISHED TODAY

Highway Imp.—Merced County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock P. M., on **March 27, 1946** at which time they will be publicly opened and read in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Merced County, between Black Rascal Canal and Buhach Station (X-Mer-4-C), about three and eight-tenths (3.8) miles in length to be graded and paved with Portland cement concrete and four (4) bridges to be constructed.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Skilled Labor	
Asphalt plant dryerman or fireman	1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.325
Cement finisher	1.75
Concrete mixer operator (one cu. yd. capacity or less)	1.45
Concrete mixer operator (over 1 c.y yd. capacity and paving type)	1.70
Mechanical tamper and finisher operator (concrete or asphalt)	1.70
Motor grader operator	1.85
Operator of power shovel or other excavating equipment, shovel type controls (up to and including 1 cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over 1 cubic yard)	2.00
Pile driver hoistman or operator	1.85
Pile driver man	1.61
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.5625
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.4375
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.375
Intermediate Grade Labor	
Concrete vibrator operator	1.25
Headerboard man	1.375
Jackhammer operator	1.25
Oil distributor bootman	1.125
Oiler power shovels or cranes	1.25
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Unskilled Labor	
Flagman	1.00
Laborer	1.00

Positions not listed above will be allocated in accordance with the definitions which appear in the special provisions, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.25 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.00 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.00 per hour.

Overtime: one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagman): one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposed to be done will be financed in whole or in part with Federal funds and that therefore all of the applicable Federal statutes, rules, and regulations will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifications regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (See said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY
State Highway Engineer
Dated: March 1, 1946.
(Daily Pacific Builder)
(March 1, 8. 15, 1946)

FIRST PUBLISHED TODAY

Highway Improvements—Siskiyou County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **March 20, 1946** at which time they will be publicly opened and read in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made as follows:

Siskiyou County between Yreka and Camp Lowe (II-Sis-3-Yre,C), about thirteen and three-tenths (13.3) miles in length to be surfaced with imported borrow base and plant-mixed surfacing

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Flagman	1.00
Laborer	1.00
Motor grader operator	1.85
Oil distributor bootman	1.125
Oiler, power shovels or cranes	1.25
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.5625
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.4375
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.375
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Any classification omitted herein not less than	1.00

Overtime — one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the district in which the work is situated, and at the office of the Associated General Contractors in San Francisco

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law. (See said Proposal Requirements and Conditions.)

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated March 1, 1946.
(Daily Pacific Builder)
(Mar. 1-8-15, 1946)

Highway Improvements—Santa Clara County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **March 13, 1946**, at which time they will be publicly opened and read in the Assembly Room of said building for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Santa Clara County, on Bayshore Freeway at Santa Clara Street in the City of San Jose (IV-SCl-68,2-SJs), a separation structure to be constructed and approaches about six-tenths (0.6) mile in length to be graded and surfaced with Portland cement concrete and asphalt concrete on crusher run base.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Skilled Labor	
Asphalt plant dryerman or fireman	$1.40
Asphalt paint mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.50
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity or paving type)	1.70
Electrician	1.70
Mechanical tamper and finisher operator (concrete or asphalt)	1.70
Motor grader operator	1.85
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	2.00
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.25
Pile driver hoistman or operator	1.85
Pile driver man	1.61
Plumber	1.625
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (8 cubic yards water level capacity or more)	1.50
Truck driver (6 cubic yards and less than 8 cubic yards water level capacity)	1.25
Intermediate Grade Labor	
Concrete vibrator operator	1.25
Headerboard man	1.375
Jackhammer operator	1.25
Oil distributor bootman	1.00
Oiler, power shovels or cranes	1.40
Truck driver (4 cubic yards and less than 6 cubic yards water level capacity)	1.10
Truck driver (less than 4 cubic yards water level capacity)	1.00
Unskilled Labor	
Flagman	1.00
Laborer	1.00

Positions not listed above will be allocated in accordance with the definitions which appear in the special provisions, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.25 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.00 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.00 per hour.

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal office or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposal to be done will be financed in whole or in part with Federal funds and that therefore all of the applicable Federal statutes, rules, and regulations will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifications regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications, regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (See said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated February 15, 1946
(Daily Pacific Builder)
(Feb. 15-21, March 1, 1946)

Highway Improvements—Lake Co.

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **March 20, 1946**, at which time they will be publicly opened and read in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Lake County, between 1.2 miles north of Rodman Narrows Road and Route 15 (I-Lak-89-E), a total length of about two (2) miles of highway to be graded and surfaced.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.125
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity)	1.70
Concrete vibrator operator	1.25
Flagman	1.00
Jackhammer operator	1.25
Laborer	1.00
Motor grader operator	1.85
Oil distributor bootman	1.00
Oiler, power shovels or cranes	1.25
Operator of power shovel or other excavting equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or mere)	1.4375
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.3125
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.25
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.0625
Truck driver (less than 4 cubic yards water level capacity)	0.90
Any classification omitted herein not less than	1.00

Overtime—One and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—One and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (see said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
Dated February 21, 1946.
G. T. McCOY,
State Highway Engineer.
(Daily Pacific Builder)
(Feb. 21-Mar 1-8, 1946)

Pro. No. 1717—16-in. Dresser Pipe Couplings

NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512—16th Street, Oakland, California, until 5:30 P. M., Wednesday, March 6, 1946, and will at that hour be opened for furnishing approximately 100 16-inch DRESSER PIPE COUPLINGS, as per specifications.

Proposal No. 1717 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL READ,
Secretary.
Oakland, California.
February 21, 1946.
(Daily Pacific Builder)
(February 26, 1946)

Bid Opening Schedule

BUILDING PROJECTS

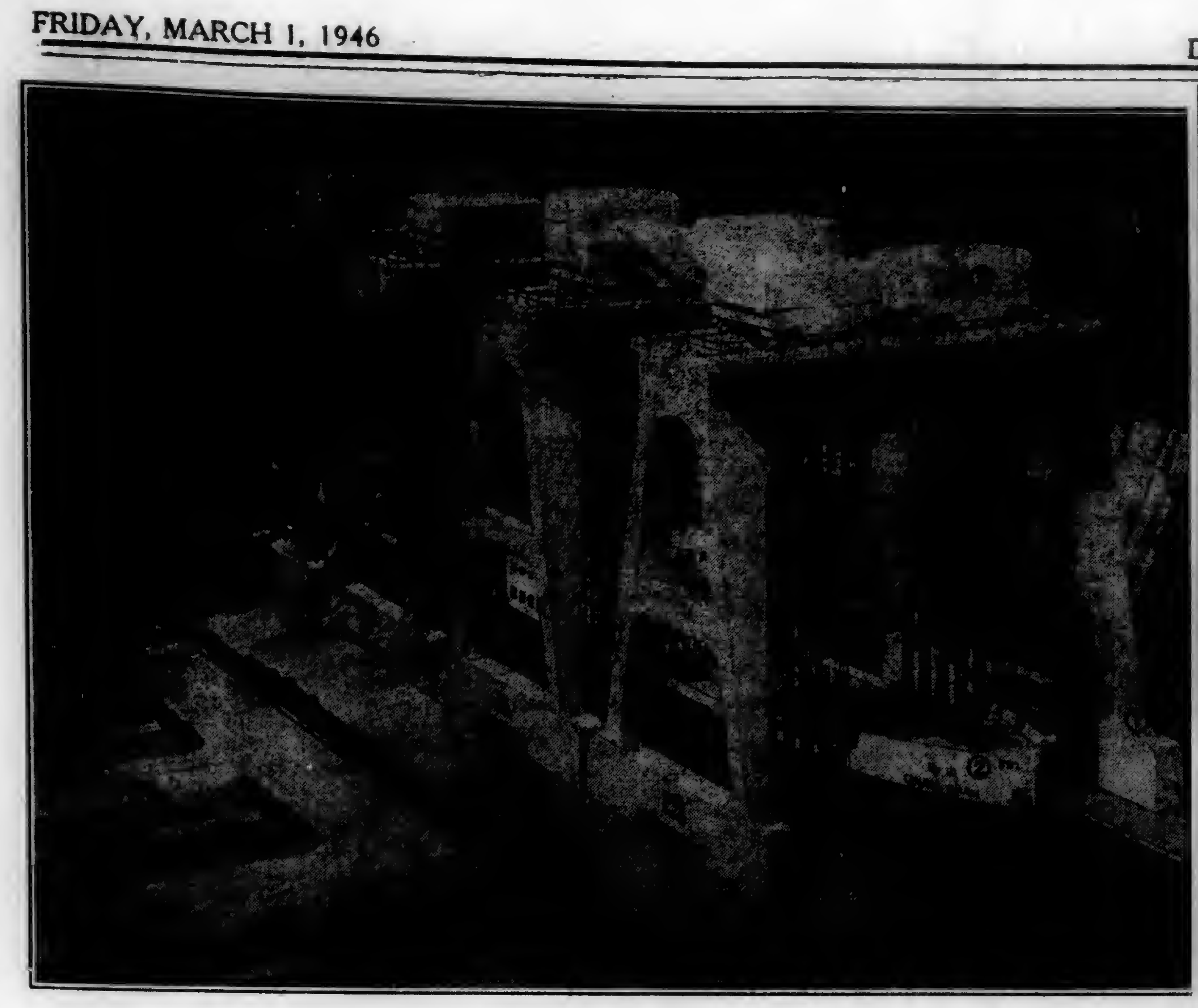
Bid Opening Date	Project	Location of Project	Noted in Issue
3- 1 — 2:00 P.M.,	Basement	Lancaster	2-41
3- 1	Painting (Govt.)	Eureka, Utah	1-25
3- 1— 2:00 P.M.—	Truck Terminal	San Francisco	2-19
3- 4— 2:00 P.M.—	Dormitory	Los Angeles	2-26
3- 5—11:00 A.M.—	Power Plant	Inyokern	2-19
3- 5—11:00 A.M.—	Storage Facilities	Barstow	2-19
3- 5— 3:00 P.M.—	Carhouse	San Francisco	2-20
3- 5— 3:00 P.M.—	Paint Shop	San Francisco	2-20
3- 5— 8:05 P.M.—	Light Standards	Alameda	2-21
3- 6— 2:00 P.M.—	Painting	Covina	2-20
3- 6— 2:00 P.M.—	Painting	Brawley	2-19
3- 6—	—Shop	Pittsburg	2-19
3- 6— 2:00 P.M.—	School	Sunnyside, Wash.	2-15
3- 6— 2:00 P.M.—	Painting	Reedley	2-18
3- 6— 2:00 P.M.—	Painting	Payette, Idaho	2-15
3- 6— 8:00 P.M.—	School	El Cerrito	2-15
3- 6— 2:00 P.M.,	Painting	Calexico	2-13
3- 6— 5:00 P.M.—	Remodeling	Las Vegas, Nev.	2-26
3- 6—12 M.	—Theater	Guerneville	2-21
3- 7—11:00 A.M.—	Clinic	Long Beach	2-26
3- 8—11:00 A.M.—	Tube Radiation	San Leandro	2-20
3-11—12:00 M.	School	Palm Springs	2- 7
3-11—10:00 A.M.—	Courthouse	San Rafael	2-26
3-12— 1:30 P.M.,	Flagpole	Livermore	2-13
3-12—11:00 A.M.—	Storehouses	Hawthorne, Nev.	2-21
3-12— 3:00 P.M.—	Store	San Francisco	2-27
3-13— 2:00 P.M.—	Cables	Safford, Ariz.	2-15
3-12— 1:30 P.M.—	Flagpole	Livermore	2-18
3-13— 2:00 P.M.—	Painting	Gardena	2-26
3-13— 2:00 P.M.—	Painting	Huntington Beach	2-26
3-13— 2:00 P.M.—	Painting	Santa Clara	2-26
3-13— 2:00 P.M.—	Painting	Orange	2-26
3-13— 2:00 P.M.—	Painting	San Francisco	2-26
3-13— 2:00 P.M.—	Burner	Vallejo	2-27
3-13— 2:00 P.M.—	Painting	Tacoma, Wash.	2-27
3-14— 2:00 P.M.—	School Buildings	Maricopa County, Ariz.	2- 8
3-15— 9:00 P.M.—	Store	Las Vegas	2-18
3-18—11:00 A.M..	Shop	San Francisco	2-25
3-18—11:00 A.M.—	Shop	San Francisco	2-26
3-25— 9:00 P.M.—	Plant	Torrance	2-18
4- 1—10:00 A.M.—	Residences	Davis Dam, Arizona-Nevada	2-27
4- 9—3:00 P.M.,	Cottage	San Francisco	2-25

ENGINEERING PROJECTS

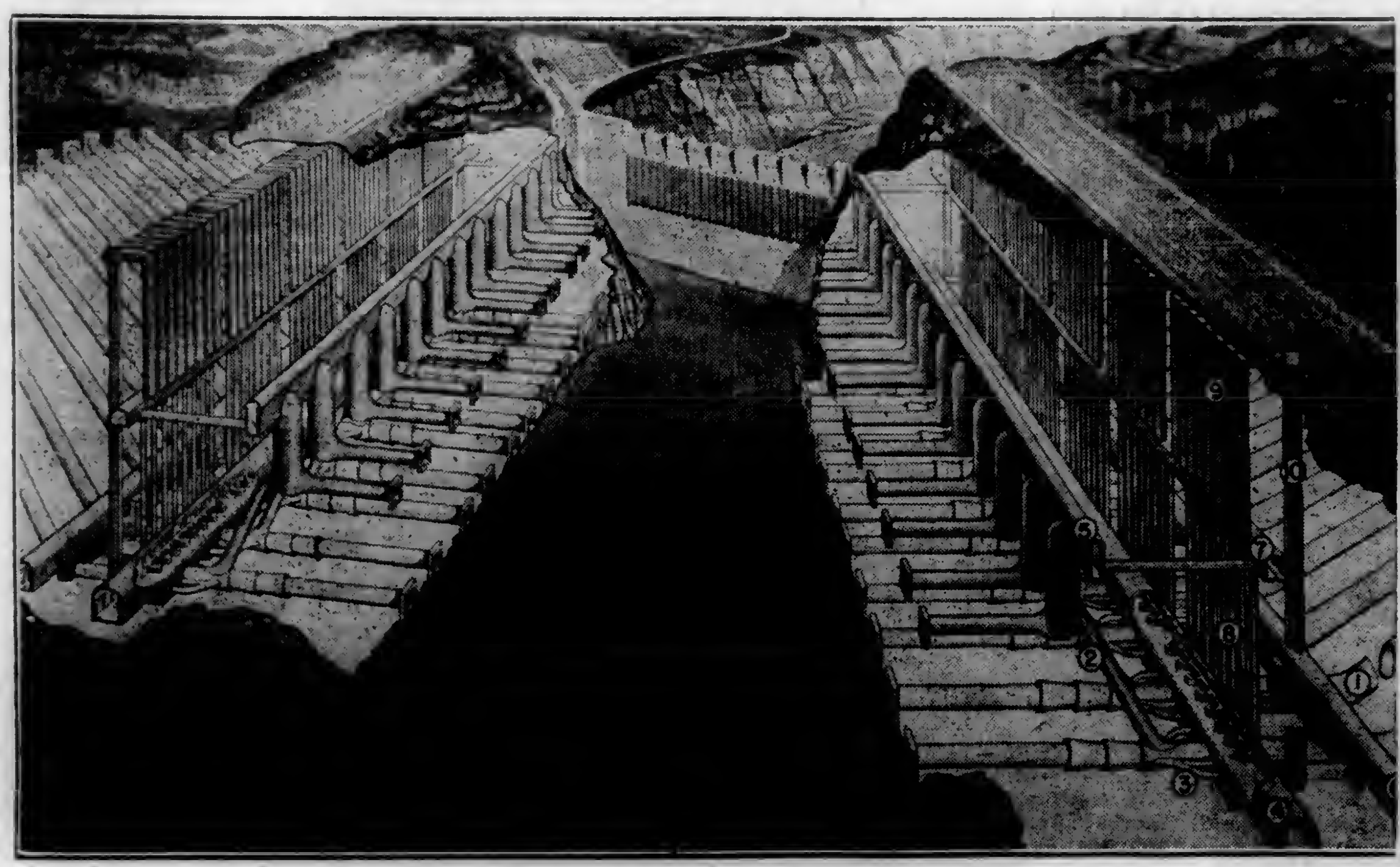
Bid Opening Date	Project	Location of Project	Noted in Issue
3- 1— 5:00 P.M.—	Street	Sacramento	2-12
3- 1— 1:30 P.M.—	Highway	Nevada State Highway	1-31
3- 1— 8:00 P.M.—	Sewers	Oakley	2-19
3- 2—11:00 A.M.—	School	Phoenix, Ariz.	2-14
3- 4— 4:00 P.M.—	Sewers	Tucson, Ariz.	2-12
3- 4— 2 P.M.—	Leveling	Oakland	2-27
3- 5—10:00 A.M.—	Earthwork	Central Valley Project	2-12
3- 5—11:00 A.M.—	Street Lighting	Inyokern	2-19
3- 5—11:00 A.M.—	Roads	Inyokern	2-19
3- 5—10:00 A.M.—	Grading	Glendale	2-21
3- 6— 2:30 P.M.—	Sewer	San Francisco	2-21
3- 6— 2:30 P.M.—	Repaving	San Francisco	2-21
3- 6— 2:30 P.M.—	Sewer	San Francisco	2-21
3- 6— 2:30 P.M.—	Deck	San Francisco	2-21
3- 6— 2:00 P.M.—	Highways	Monterey County	2- 5
3- 6— 2:00 P.M.—	Highways	Alameda County	2- 5
3- 6— 2:00 P.M.—	Highways	Oakland	2- 5
3- 6—10:00 A.M.—	Transmission Line	Rio Grande Project	2-12
3- 6—10:00 A.M.—	Grading	Klickitat County, Wash.	2-26
3- 6— 2:00 P.M.—	Plant	Ajo, Calif.	2-14
3- 7— 2:00 P.M.—	Highways	Los Angeles County	2- 5
3- 5—10:00 A.M.	Canal	Central Valley Project	2- 7
3- 5— 1:30 P.M.	Transmission Line	Spokane, Wash.	2- 7
3- 6—10:00 A.M.	Grading	Los Angeles	2- 7
3- 6—10:00 A.M.,	Grading	Los Angeles	2-13
3- 6—11:00 A.M.,	Clearing	Fort Lyon, Colo.	2-13
3- 6—10:00 A.M.—	Highway	Clallam County, Wash.	2-20
3- 7— 2:00 P.M.—	Bridges	San Diego County	2- 5
3- 7—10:00 A.M.—	Earthwork	Shoshone Project	2- 6
3- 8— 2:00 P.M.—	Canal	Grass Valley	2-19
3- 9—11:00 A.M.—	Water Distribution Line	Sharp Park	2-26
3- 9— 8:00 P.M.—	Casing	Exeter	2-26
3-12—10:00 A.M.—	Earthwork	Columbia Basin Project, Wash.	2-26
3-12—10:00 A.M.—	Earthwork	Central Valley Project	2-15
3-12— 3:00 P.M.—	Airport	San Francisco	2-20
3-12—11:00 A.M.—	Railroad	Rough and Ready Island	2-15
3-12	Kortes Dam (Govt.)	Missouri Basin Project	1-18
3-12 9:00 A.M.,	Pumping Plants	Vallejo	2-25
3-12—10:00 A.M.—	Bridge	Washington State	2-27
3-12— 2:00 P.M.—	Road	Alameda	2-27
3-13— 1:00 P.M.—	River Improvements	Los Angeles	2-18
3-13— 2:30 P.M.—	Street improvements	San Francisco	2-18
3-13— 2:00 P.M.—	Freeway	Santa Clara County	2-12
3-14— 2:00 P.M.—	Grading	Los Angeles County	2-12
3-14— 2:00 P.M.—	Crossing	Los Angeles County	2-12
3-15— 2 P.M.—	Steel Towers	Central Valley Project	1-30
3-15—10:00 A.M.—	Earthwork	Altus Project, Oklahoma	2-21
3-15—10:00 A.M.,	Landscape	Central Valley Project	2-25
3-15—10:00 A.M.—	Earthwork	Altus Project, Oklahoma	2-27
3-18— 1:00 P.M.—	River improvements	Los Angeles	2-18
3-18—10:00 A.M.—	Transmission Lines	Colorado-Big Thompson Proj.	2-27
3-19—10:00 A.M.—	Earthwork	Boulder Canyon Project	2-21
3-19—10:30 A.M.—	Dam	Portland, Ore.	2-27
3-20— 2:00 P.M.—	Grading	Lake County	2-19
3-20— 2:00 P.M.—	Steel	Central Valley Project	2-19
3-20— 8:00 P.M.,	Sewer	Burlington, Wash.	2-25
3-21—10:00 A.M.—	Dam	Boise Project, Idaho	2-26
3-21—Tentative—	Dam	Osage County, Oklahoma	2-27
3-21— 2:00 P.M.—	Highway	San Bernardino	2-20
3-27—10:00 A.M.—	Canal	Central Valley Project, Calif.	2-21
3-27 10:00 A.M.,	Earthwork	Central Valley Project	2-25
3-27—10:00 AM.—	Structures	Tucumcari Project, New Mexico	2-21
3-27— 2:00 P.M.—	Canal	Merced County	2-26
3-27— 2:00 P.M.—	Bridge	Mendocino County	2-26
3-27— 2:00 P.M.—	Bridge	Lake County	2-26
3-28— 2:00 P.M.—	Bridges	San Diego County	2-26
3-29—10:00 A.M.—	Earthwork	Central Valley Project, Calif.	2-21
3-29—10:00 A.M.—	Earthwork	Central Valley Project, Calif.	2-21
3-29—10:00 A.M.—	Earthwork	Central Valley Project	2-18
4- 2— 2:00 P.M.,	Needle Valves	Denver, Colo.	2-13

SUPPLIES AND EQUIPMENT

Bid Opening Date	Project	Location of Project	Noted in Issue
3- 1— 2:00 P.M.—	Conductor	Phoenix, Ariz.	2-21
3- 1— 2:00 P.M.—	Lumber	Denver, Colo.	2-21
3- 1— 2:00 P.M.,	Stationary	San Francisco	2-11
3- 1— 2:00 P.M.—	Grinders	San Francisco	2-18
3- 1— 2:00 P.M—	Telephone Coils	San Francisco	2-19
3- 1—	—Fire Extinguishers	Panama Canal	2-20
3- 1— 2:00 P.M.—	Poles	Casper, Wyo.	2-20
3- 1— 5:00 P.M.—	Gate Valves	Sacramento	2-20
3- 1—10:00 A.M.—	Bridge Ramp	Los Angeles	2-27
3- 4— 2:00 P.M.—	Milk Cans	San Francisco	2-18
3- 4— 2 P.M.—	Cars	Redding	1-29
3- 4— 3:00 P.M.—	Water Meters	San Francisco	2-19
3- 4— 3:00 P.M.—	Steel	San Francisco	2-19
3- 4— 3:00 P.M.—	Trolley Cord	San Francisco	2-19
3- 4— 3:00 P.M.—	Field Cols	San Francisco	2-19
3- 4— 2:00 P.M.—	Auger Bits	San Francisco	2-20
3- 4— 3:00 P.M.—	Matting	San Francisco	2-20
3- 4—	Broom	Sacramento	2-25
3- 4— 2:00 P.M.,	Loader	Mendocino County	2-25
3- 4— 1:30 P.M.—	Tanks	Portland, Ore.	2-26
3- 4—12:00 M.	—Steel	Los Angeles	2-27
3- 4—	Taps	Panama Canal	2-27
3- 5— 2:00 P.M.—	Roof Leaders	Benicia Arsenal	2-27
3- 5— 2:00 P.M.—	Gasoline	Oakland	2-20
3- 6—10:00 A.M.—	Grading	Los Angeles	2-14
3- 6—10:00 A.M.—	Gasoline	Berkeley	2-21
3- 6— 5:30 P.M.,	Pipe	Oakland	2-25
3- 6— 5:30 P. M.,	Dresser Couplings	Oakland	2-25
3- 6— 5:30 P. M.,	Cable	Oakland	2-25.
3- 6— 2:00 P.M.—	Kitchenware	San Francisco	2-26
3- 6—	—Locks	Panama Canal	2-27
3- 7— 2:00 P.M.,	Stools	San Francisco	2-25
3- 7— 2:00 P.M.—	Arsenic	San Francisco	2-21
3- 7	Pumps, Etc. (Govt.)	Columbia Basin Project.	1-11
3- 7—12:00 M.	—Crossties	Portland, Ore.	2-26
3- 8— 3:00 P.M.—	Brushes	San Francisco	2-27
3- 8— 3:00 P.M.—	Trolley Cars	San Francisco	2-26
3-11— 2:00 P.M.—	Auto Parts	San Francisco	2-26
3-11— 5:00 P.M.—	Pumper	Stockton	2-19
3-11— 8:00 P.M—	Chevrolet	Lone Pine	2-21
3-11— 2:00 P.M.—	Wire	Phoenix, Ariz.	2-27
3-11— 3:00 P.M.—	Coils	San Francisco	2-27
3-12— 2 P.M.—	Cars	Denver, Colo.	1-29
3-12— 2:00 P.M.—	Annunciators	Boulder Canyon Project	2- 8
3-12— 2:00 P.M.—	Lumber	San Francisco	2-26
3-13— 2:00 P.M.—	Houses	Missouri Basin Project, Neb.	2-21
3-14— 8:00 P.M.—	Cable	Alameda	2-21
3-14— 8:00 P.M.—	Air Compressor	Alameda	2-21
3-15— 2:00 P.M.—	Houses	Missouri Basin Project, Wyo.	2-21
3-15— 2:00 P.M.—	Houses	Missouri Basin Project, Wyo.	2-21
3-15—10:00 A.M.—	Drum Gates	Central Valley Project	2- 1
3-15— 2:00 P.M.—	Houses	Hungry Horse Project	2-20
3-19— 2:00 P.M.—	Pumps	Denver, Colo.	1-31
3-19— 2:00P.M.—	Crane	Denver, Colo.	2-15
3-20	Sanitary Sewer (City)	Mill Valley	1-18
3-20— 2:00P.M.—	Oil Circuit Breaker	Parker Dam Project, Arizona	2-21
3-21— 2:00 P.M.—	Crane Structure	Columbia Basin Project	2- 8
3-20— 2:00P.M.—	Metal Doors	Parker Dam Project, Arizona	2-26
3-21— 2:00 P.M.—	Storage Tanks	Central Valley Project	2-19
3-25— 2:00 P.M.—	Pipe	Gila Project, Arizona	2-19
3-27— 2:00 P.M.—	Pumps	Boulder Canyon Project	2-26
3-28— 2:00 P.M.,	Elec. Equip.	Central Valley Project	2-25
4- 1— 2:00 P.M.—	Louvers	Central Valley Project	2-19



The mechanical lock facilities will include mammoth gantry cranes (1) capable of hoisting a loaded vessel (2) of several thousand tons displacement capacity. Some of the ships plying the Yangtze (China Merchant Marine) will be specially constructed with hull and framing designed to carry the weight of the loaded vessel from cable fastenings (3) distributed along the top edge of the hull. The reeving of the cables (4) will be such that the tension in all cables of a hoisting unit is equalized. The hoists (5) will be connected together either mechanically or electrically so that they divide the load properly and operate at exactly the same speed. A large corrugated tank (not shown(into which many small boats can be moored in rows will be raised and lowered by the gantry cranes in handling the large traffic of sampan and junk boats.



Here is the way Ichange Dam will look from theair. In the center is the big dam itself stopping up Ichang Gorge. The dam (1) like Grand Coulee is concrete gravity type. The spider-web dashed lines indicate a maze of underground concrete-lined tunnels and shafts. Only the portals of these would show from the air.

City of Ichang is about three miles downstream from the Gorge. It is a city of more than 100,000 population.

Facilities shown include: (2) twelve diversion and power tunnels on each side of the Yangtze discharging into tributary streams that join the Yangtze downstream from the dam; (3) a power-house tunnel normal to and above the diversion and power tunnels, housing 48 Grand Coulee capacity power units on each side of the Yangtze, or a total of96 108,000-kw. units; and (4) navigation facilities comprising a single-lock basin extending from the roadway elevation of the dam down to a bottom elevation 30 feet below minimum tail water levelof the Yangtze downstream from the dam.

China Project

(Continued from Page One)

Plans also call for construction of the world's largest hydroelectric plant, with a generating capacity three times that of plants at Boulder, Grand Coulee, and Shasta combined.

China plans to utilize this power production to more fully develop the resources of the valley, repay the estimated billion-dollar cost of the dam, and to raise living standards in the area beyond anything previously existent. The dam will turn the flow of the Yangtze thru 96 Coulee-type 108,000 kilowatt turbine generators nested in tunnels drilled into the solid rock walls of the gorge. All main power facilities except the switchyard will be underground.

A shop-lock of revolutionary design is also under consideration as a means of getting ships past the dam. This would be a ship lift designed to raise or lower loaded ships mechanically a distance of 550 feet. Ships may also be floated through by filling and emptying locks of conventional design. The alternate method of dry - lifting ships past the dam with mammoth gantry cranes has been conceived by designing engineer John Lucian Savage.

"I'll be disappointed if no one says 'it can't be done'," Savage declares.

A 200-foot high tunnel through solid rock leads ships from downstream into the lock basin at river level. While the ship floats in the basin, cables from gantry cranes straddling the top of the lock are dropped down and fastened to the hull. The crane hoists the ship above the dam, moves with it along tracks until the vessel is suspended over the navigation channel and then plunks it back into the water. Ships taking this lift will have to be especially designed and built with strengthened hull and frame. A ship of normal design if suspended in this manner would break or buckle.

Sampans and junks will be gathered into a big corrugated metal tank and hoisted over the dam like a basket of milk bottles.

The lock gates are as revolutionary as the main lock design. Huge in size, 200 feet high, they will operate hydraulically and when closed form a perfect steel arch dam. The outlet gates of the lock basin are designed to withstand the pressure of a 530-foot column of water.

Design and planning work is being done at the Denver office of the Bureau of Reclamation under supervision of Chief Engr. Walker R. Young. Preliminary over-all designs were prepared by John Lucian Savage, until recently chief designing engineer of the Bureau, and world-renowned designer of Boulder, Grand Coulee, and other dams. Savage is participating in the work as consulting engineer for the Chinese Government.

Under the contract with the Chinese Government the Bureau will assist in the preparation of final reports, including review of preliminary studies, hydraulic model tests, stress and stability studies, design studies and cost estimates, and contract designs and specifications.

Chinese engineers and technicians, paid by their own government, are participating. The contract specifies that Bureau work in connection with domestic Reclamation projects in the United States has priority over the Yangtze Gorge project at all times, and that this counttry is no way obligated to assist in either the financing or construction of the project in China.

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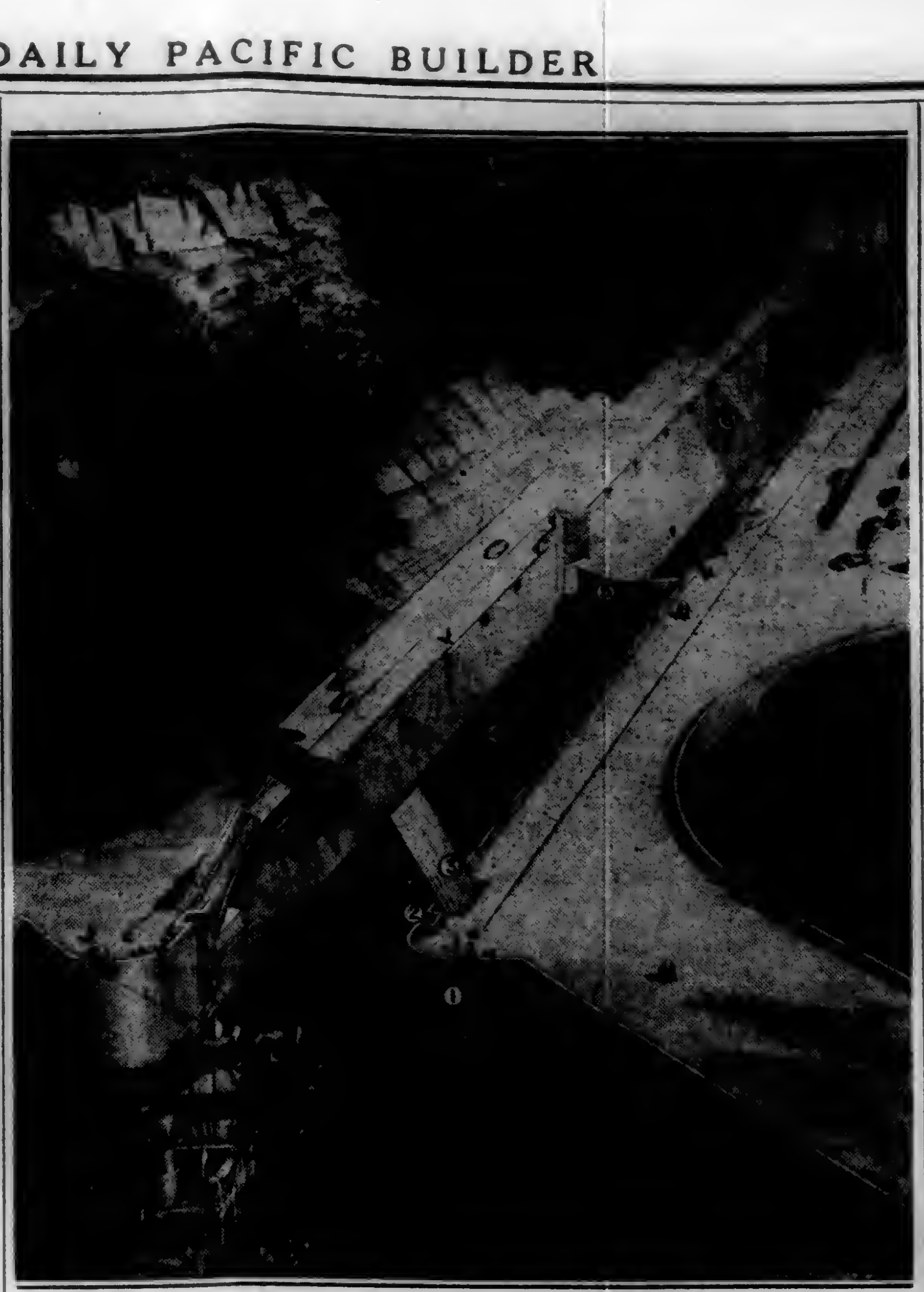

The navigation facilities include two means for passing ships over the dam, namely, the usual hydraulic method of filling and emptying the lock basin and the mechanical hoisting method using mammoth gantry cranes. The principal features of the structure passing from reservoir to tail water are: (1) the curved entrance; (2) emergency bulkhead slots; (3) bascule bridge; (4) ship channel 230 feet deep; (5) pair of hydraulically operated lock gates 200 feet high; (6) ship lock basin about 580 feet deep; (7) pair of hydraulically operated lock gates 200 feet high at upstream portal of ship tunnel (not shown); (8) ship tunnel 200 feet high extending from lock basin to downstream navigation channel (not shown); and (9) four or more mammoth gantry cranes will serve for the mechanical handling of ships and boats.

ATTENTION
SUB-BIDS wanted for TRENCHING approximately 10,000 feet for 6-inch PIPE not over 6-feet deep.
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Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

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Transportation Bldgs. 27
Miscellaneous Bldgs. 28-30

1-8—COMMERCIAL BLDGS.

3/1/46 • • 3
CONTRACT AWARDED
WAREHOUSE Cost, $350,000
FRESNO, Fresno Co., Cal. Church and East Avenues.
Construction of storage warehouse (200x640-ft.) with 20 loading doors and special conveyor system.
Owner—Roma Wine Co., Church and East Aves., Fresno.
Plans by Owner.
Contractor—Franceschi Constr. Co., 845 Marina Blvd., San Francisco.

3/1/46 • 1
PLANNED
BRANCH BANK
SAN CARLOS, San Mateo Co., Calif. West side Laurel Ave. between San Carlos and Cherry Aves.
Construction of branch bank building
Owner—American Trust Co., 464 California St., San Francisco.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.

3/1/46 • 7
WORK STARTED
MARKET CENTER BUILDING Cost, $20,000
OAKLAND, Alameda County, Calif. Between 19th and Williams and Telegraph and San Pablo.
Construction of two-story reinforced concrete market center and warehouse building (33x80 ft.).
Owner—Skaggs, c/o contractor.
Architect—Not Given.
Contractor—Stolte, Inc., 8451 San Leandro St., Oakland.

3/1/46 • • 2
WORK UNDER WAY
SERVICE STATION Cost, $40,000
EAST OAKLAND, Alameda Co., Cal.
Construction of 1-story concrete service station.
Owner—Robert Beck, c/o architect.
Architect—Harry A. Bruno, Syndicate Bldg., 1440 Broadway, Oakland.,
Contractor—Norman Peterson, Oakland.

3/1/46 • 1
PLANNED
BRANCH BANK
SAN MATEO, Calif. San Mateo Dr between 4th and 5th Aves.
Construction of branch bank building
Owner—American Trust Co., 464 California St., San Francisco.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.

3/1/46 • 5
CONTRACT AWARDED
ALTER BAR
OAKLAND, Alameda County, Calif. 7th and Washington Sts.
Alterations to bar involving tile facing, glass, counters, asphalt tile, electrical wiring, plumbing, sheet rock, painting and fluorescent lighting.
Owner—Withheld.
Architect—Guy L. Brown, Bank of Commerce Bldg., Oakland.
Contractor—Victor E. Sigge, 3912 Linwood Ave., Oakland.

3/1/46 • 5
PLANS COMPLETED
ALTER RESTAURANT
SAN FRANCISCO. Van Ness Ave. and Pacific St.
Alterations and additions to restaurant involving installation of bar and oyster bar.
Owner—Grison's Steak House, Van Ness and Pacific.
Architects—Hertzke & Knowles, 85 Post St., San Francisco.
Owner will build.

3/1/46 • 4
COMPLETING PLANS
OFFICE BLDG. Est. Cost, $20,000
SAN FRANCISCO. McLea Court off Ninth and Harrison Sts.
Construction of two-story frame office building.
Owner—Withheld.
Architects—Hertzke & Knowles, 85 Post St., San Francisco.

3/1/46 • 7
WORK STARTED
STORE BLDG. Cost, $50,000
OAKLAND, Alameda County, Calif. 4th and Jackson Sts.
Construction of one-story reinforced concrete wholesale poultry store (100x100 ft.).
Owner—Ed Amero, c/o contractor.
Architect—Not Given.
Contractor—Stolte, Inc., 8451 San Leandro St., Oakland.

9-10—EDUCATIONAL BUILDINGS

3/1/46 • 9
BIDS OPENED
SCHOOL
SHAFTER, Kern County, Calif.
Construction of 12 classrooms, alternate bid for 18 classrooms, additions to the Shafter Street School; wood roof, structural steel frame, wood and brick veneer walls, concrete floor, etc.
Owner—Richland Elementary School District, Shafter.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco.
Low Bidder—Guy E. Hall, 1326 30th St., Bakersfield, $223,330.
James I. Barnes Construction Co., San Francisco, at $247,000, submitted the only other bid.

3/1/46 • • 9
BIDS WANTED—
TO CLOSE MARCH 18, 8 P. M.
SCHOOL BUILDINGS
PITTSBURG, Contra Costa Co., Cal.
Construction of two frame and concrete and brick veneered additions, one 3-classroom addition to the senior high school and one 4-classroom and toilet addition to the junior high school.
Owner—Pittsburg Unified Sch. Dist., Armand Stow, Clerk, Senior High School, School St. opp. Norton St., Pittsburg.
Architect—Chas. F. Dean, 1407 California State Life Bldg., Sacramento.
Specifications obtainable from the office of the architect.

3/1/46 6 9
PLANNED
SCHOOL BUILDING Cost, $250,000
WELLS, Elko County, Nev. Wells High School.
Construction of new school building and gymnasium.
Owner—Elko County Board of Education, Wells High School, Wells, Nev.
Architect—Not selected.

3/1/46 • 3
COMPLETING PLANS
TRIMMING AND STORAGE BLDG.
SAN FRANCISCO. Eighth and Mission Sts.
Construction of one-story trimming and storage building (50x60 ft.), concrete walls and wood roof.
Owner—Withheld.
Architect — DeMartini & Igaz, 785 Market St., San Francisco.

3/1/46 •
COMPLETING WORKING DRAWINGS
SCHOOL BLDGS. Cost, $351,000
STOCKTON, San Joaquin Co., Calif. Elmwood Elementary School.
Construction of one-story reinforced concrete building to contain approximately 17 rooms, cafeteria, kitchen facilities, play area, etc.
Owner—Stockton Unified School District, Andrew P. Hill, city superintendent of schools, San Joaquin and Lindsay Sts., Stockton.
Architect—E. G. Ernst, 561 E. Harding Way, Stockton.
Structural Engineer—F. W. Kellberg, 320 Market St., San Francisco.
Electrical Engineer—A. A. Coddington, 251 Kearny St., San Francisco.

3/1/46 • 9
TO PREPARE PLANS
NEW SCHOOL
TRACY, San Joaquin County, Calif. Holly and Beverly.
Construction of new elementary school building.
Owner — Tracy Elementary School District, Tracy.
Architect—E. G. Ernst, 561 E. Harding Way, Stockton.
The school district voted bonds February 26 in the amount of $250,000, proceeds of which will finance above construction and an addition to the Central School.

3/1/46 • 9
PREPARING PRELIMINARY PLANS
SCHOOL ADDITION
TRACY, San Joaquin County, Calif. Central School, Central St., between 10th and 11th.
Addition to present school building consisting of approximately eight classrooms, cafeteria, kindergarten, library and enlargement of general offices; concrete foundations, wood floors, wood frame and brick veneer
Owner — Tracy Elementary School District, Tracy.
Architect—E. G. Ernst, 561 E. Harding Way, Stockton.
The school district voted bonds February 26 in the amount of $250,000, proceeds of which will finance above construction and a new elementary school building.

11—HOSPITALS

3/1/46 • 11
BID MODIFIED
GRAND JUNCTION, Colo. — The office of Robert E. McKee, 4700 San Fernando Rd., West Los Angeles, reports that they submitted a telegraphic modification to their bid to the Veterans' Administration, Washington 25, D. C., February 26, resulting in a low net bid of $2,239,000 for the construction of a hospital building and utilities at Grand Junction, Colo.; Project No. 2451.

As previously reported, Olson Construction Co., 250 E. 1 S., Salt Lake City, Utah, submitted the low bid, at the hour of opening, at $2,243,500.

3/1/46 • 11
CONTRACTS AWARDED
WARD BUILDINGS
STOCKTON, San Joaquin Co., Calif. Stockton State Hospital.
Construction of one- and two-story reinforced concrete ward buildings for infirm females and disturbed females, havig a combined floor area of approximately 160,000 sq. ft., with hollow tile partitions, steel sash and clay shingle tile roof covering.
Owner—State of California, Division of Architecture, Public Works Bldg., 12th and N Sts., Sacramento.
Plans by State Architect Anson Boyd, Public Works Bldg., Sacramento.
General Work — H. Mayson, 9315 Hooper Ave., Los Angeles, $1,132,476.
Electrical Work — Collins Electrical Co., 729 E. Miner Ave., Stockton, $42,620.
Plumbing—J. A. Fazio, 686 4th St., Oakland, $103,821.
Heating and Ventilating — Charles Thumm Co. of California, 145 Natoma St., San Francisco, $104,390.

12-13—INDUSTRIAL BUILDINGS

3/1/46 • 12
COMPLETING PLANS
INDUSTRIAL BUILDING
SAN FRANCISCO. W. 9th St., between Mission and Howard Sts.
Construction of two-story and mezzanine, class C industrial building (75x113.4), concrete exterior walls, concrete columns and beams and girders, wood joist floors.
Owner—Julius Harband, c/o engineer.
Consulting Engineer—Hyman Rosenthal, 617 Montgomery St.
Architect—Theo. G. Ruegg, 617 Montgomery St.
Plans will be completed within a few days.

3/1/46 • 13
BIDS POSTPONED INDEFINITELY
STEAM DISTRIBUTION, ETC.
INYOKERN, Kern County, Calif. Naval Ordnance Test Station.
Construction of steam distribution and alteration of heating systems, Area FH, under Spec. No. 17505, NOy 13344. The work involves the installation of steam heating facilities in additional buildings and the existing underground steam distribution system extended to provide service thereto which, in general, will consist of underground steam main, laterals and condensate return piping, concrete manholes, condensate return pump, fittings and accessories, together with steam and return piping and accessories in the buildings; adapt portions of existing hot water circulating system in various buildings to steam distribution, install electric hot water heaters and other equipment necessary to provide hot water service for purposes other than space heating.
Owner—Bureau of Yards and Docks, Officer in Charge of Construction, Naval Ordnance Test Station, Inyokern, Calif.
Engineers—Holmes & Narver, 626 S. Spring St. ,Los Angeles.
Bids scheduled to have been opened March 12, 11 A. M., have been postponed indefinitely.

3/1/46 • • 12
SITE SELECTED
FACTORY Cost, $50,000
SAN FRANCISCO. Williams Ave. and Mendell Street.
Construction of cabinet factory bldg.
Owner—Carver-Niles Co., 1001 Clement Street.
Architect—Not Announced.

3/1/46 • 12
PLANNED
FACTORY
SAN FRANCISCO, Calif.
Construction of factory building for manufacture of plastic and electrical appliances.
Owner—Sino Electric & Plastic Corp., 1012 Stockton St., San Francisco.
Architect—Not announced.

3/1/46 • 12
BIDS POSTPONED
PASADENA, Los Angeles Co., Calif. —Until March 11, 1 P. M. (bid opening date postponed from February 27), bids will be received by the U. S. District Engineer, 751 S. Figueroa St., Los Angeles, for the construction and completion of buildings and facilities for the jet propulsion laboratory, Arroyo Seco site, California Institute of Technology, Pasadena; Serial 147.

3/1/46 • 13
BIDS OPENED
BOILER
SAN JOSE, Santa Clara Co., Calif.
Furnish and install one 500 hp. high-pressure steam boiler.
Owner—U. S. Products Corp., Ltd., Race and Moorpark Ave., San Jose.
Engineer—G. M. Richards and Associates, 333 Kearny St., San Francisco.
Low Bidder—W. S. Leland Co., Walnut Creek, $29,050.
Other bidders were:
J. O. and C. U. Martin, $30,192.
Macnson's, $32,387.
Western Piping & Engineering Co., $35,555.
C. C. Moore, $36,369.
Equipment Sales Co., $37,788.60.

14-17—PUBLIC BLDGS.

3/1/46 • 15
BIDS WANTED
OAKLAND, Alameda Co., Calif.—Until March 5, 1 P. M., bids will be received by the City of Oakland, Charles M. Don, city clerk, City Hall, for renewing hoisting cables for passenger elevator No. 1 in the City Hall building.

Specifications obtainable from the above office.

3/1/46 • 16
BIDS WANTED
PETALUMA, Sonoma Co., Calif.—Until March 13, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for removal of trees at U. S. Post Office, Petaluma.

Specifications obtainable from the above office of the district engineer.

3/1/46 • 16
BIDS WANTED
PORTLAND, Ore.—Until March 13, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for ribbed glass in skylights of the U. S. Post Office at Portland, Ore.

Specifications obtainable from the above office of the district engineer.

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Tube Steam Radiation, Spec. No. 17460, NOy 13296	San Leandro	3- 8
Earthwork, Canal Lining, Spec. 1171	Friant-Kern Canal	3- 5
Spec. 1172 Earthwork, Canal Lining,	Friant-Kern Canal	3-12

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Superstructure, Shop Bldg. No. 411. Shipfitters and Boilermakers Shop, San Francisco Naval Shipyard; Bids open March 4, 11:00 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
A. Farnell Blair, 9 Main St., San Francisco (YUkon 0390)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co. 323 Folsom St., San Francisco (SUtter 3440).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579)

Truck Terminal, Ore.-Nev.-Calif. Fast Freight; Bids open Mar. 1, 2 P. M.
Jacks & Irvine, 620 Market St., San Francisco (GArfield 2106)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624)
Biltwell Constr. Co., 4745 Geary Blvd., San Francisco (BAyview 5947)
H. E. Rahlman, 251 Kearny St., San Francisco (DOuglas 8023).
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440).
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

Shell Chemical Shop and Storage Bldg., Shell Point; Bids open March 6
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)

Escalator and Elevator Additions, Lincoln Bldg., 867 Market Street, San Francisco; Bids open March 12, 3:00 P. M.
Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco (EXbrook 5616)
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)

Theatre Bldg., Guerneville; Bids open March 6, 12 Noon.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).

Schools, Castro and Alvarado Sts., Richmond; Bids open March 6, 8 P. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Elmer J. Freethy, 1432 Kearney St., El Cerrito (Landscape 5-3811).
John M. Bartlett, 703 Everett St., El Cerrito (LAndscape 5-9133)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209)

Superstructure for Ordnance Shop, San Francisco Naval Shipyard; NOy 12968; Spec. 17152; Bids open March 18, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
E. S. McKittrick Co., 610—16th St., Oakland (TWin Oaks 5070).
M & K Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Alter Apt. House, 601 O'Farrell St., San Francisco; Bids open March 10
G. P. W. Jensen & Sons, Inc., 320 Market St., S. F. (GArfield 2444)
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).

Esberg Residence, 16th Ave. and Presidio, S. F.; Bids open Mar. 8, 2 P. M.
G. P. W. Jensen & Sons, Inc., 320 Market St., S. F. (GArfield 2444)
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).

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ADVANCE CONSTRUCTION REPORTS

3/1/46 • 15
BIDS WANTED
PORTLAND, Ore.—Until March 13, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for radio grilles and stools for windows at the U. S. Courthouse (new) at Portland, Ore.

Specifications obtainable from the above office of the district engineer.

3/1/46 • 15
CONTRACT AWARDED
BERKELEY, Alameda Co., Calif.—R. W. Reade & Co., 2019 Blake St., Berkeley, at (1) $411, and Chas. F. Schaefer & Son, Berkeley, at (2) $1195, awarded contracts by the City of Berkeley, city clerk, City Hall, Berkeley, for furnishing all labor, materials, equipment, transportation and services for (1) painting firehouse engine No. 4, located at 1450 Shattuck Ave., and (2) for painting offices of assessor and treasurer at Public Works Department building.

3/1/46 • • 17
PROPOSED
DETENTION HOME Cost, $180,000
SANTA ROSA, Sonoma County, Cal.
Construction of county detention home, including two separate bldgs.
Owner—County of Sonoma, Courthouse, Santa Rosa.
Architect—E. Geoffrey Bangs, 605 Market St., San Francisco.

18-19—RELIGIOUS BLDGS. BUILDINGS

3/1/46 19
SUB-CONTRACTS AWARDED
MORTUARY Cost, $45,000
MONTEREY, Monterey County, Calif. Franklin St.
Construction of one-story Monterey style mortuary building with shake roof, some Carmel stone and stucco.
Owner—Mission Mortuary Co.
Architect—Charles E. Butner, 7 Winham St., Salinas.
Contractor — Stolte, Inc., 8451 San Leandro St., Oakland.
Plumbing, Heating and Sheet Metal—Monterey County Plumbing Co., 8275 San Leandro St., Oakland.
Electric Wiring—Del Monte Electric Co., P. O. Box 145, Elmhurst Station, Oakland.
Tile Work—C. L. Frost, 1221 Fremont St., Monterey.
Glass and Mill Work — Hollenbeck-Bush Planing Mill, P. O. Box 1006, Fresno.
Iron Grille Work—Engfer Iron Wks., 535 W. San Carlos, San Jose.
Lumber—Eureka Mill & Lumber Co., 3737 San Leandro Blvd., Oakland.
Hardware — Marshall-Newell Supply Co., Spear and Mission Sts., San Francisco.
Lathing and Plastering—Bay Plastering Co., Route 1, Box 466, Monterey.
Linoleum—D. C. Cummings & Co., 801 Lighthouse, Monterey.

3/1/46 19
ARCHITECT SELECTED
VAN NUYS, Los Angeles Co., Cal.—Architect Claude Faithfull, 4453 Victoria Park Drive, Los Angeles, has been commissioned to prepare plans for a new church plant to be built on Tyrone St., Van Nuys, for the Van Nuys Methodist Church. The new plant will consist of a 500- to 600-seat auditorium, 100-seat chapel and educational unit, parlors, social hall, and kitchen; est. cost, $100,000.

3/1/46 19
PREPARING PLANS
CHURCH
CRESCENT CITY, Del Norte Co., Calif. 7th and H Sts.
Construction of new Federated Community Church.
Owner—Rev. Edwin R. Freeman, 441 E St., Crescent City.
Architect — J. S. Gould, 1201 Kohl Bldg., San Francisco.

3/1/46 • 19
PLANS COMPLETED
CHURCH ADDITION Cost, $120,000
OAKLAND, Alameda County, Calif. 47th and Bond Sts.
Construction of a frame church building.
Owner—Melrose Baptist Church, 47th and Bond Sts.
Architects—C. W. McCall, 837 Santa Ray Ave., Oakland, and J. I. Easterly, 2419 McGee Ave., Berkeley 3.

3/1/46 • 19
PRELIMINARY PLANS APPROVED
CHURCH Est. Cost, $40,000
VALLEJO, Solano County, Calif. Sonoma and Carolina Sts.
Constructon of renforced concrete and brick church building.
Owner—First Baptist Church, 1001 Sansome St., Vallejo.
Architects—C. W. McCall, 837 Santa Ray Ave., Oakland, and J. I. Easterly, 2419 McGee Ave., Berkeley 3.

3/1/46 • 19
TO ASK BIDS
CHURCH ADDITION Cost, $60,000
OAKLAND, Alameda County, Calif. 1183 Tenth St.
Construction of alterations and addition (housing two assembly rooms and classrooms) to Beth Eden Baptist Church
Owner—Beth Eden Baptist Church, Rev J. P. Hubbard, pastor, Tenth and Magnolia Sts., Oakland.
Architects—C. W. McCall, 837 Santa Ray Ave., Oakland, and J. I. Easterly, 2419 McGee Ave., Berkeley 3. Plans are completed and bids will be asked shortly.

20-21—SOCIAL AND RECREATIONAL BLDGS.

(Continued on Page Seven)

3/1/46 • • 20
TO PREPARE PLANS
SWIMMING POOL Cost, $120,000
OAKLAND, Alameda Co., Cal. City Corporation Yard No. 2, 4551 Foothill Blvd., nr. Fremont High School
Construction of swimming pool.
Owner—City of Oakland, Chas. Don, city clerk, City Hall, Oakland.
Architect—F. H. Slocombe, 132 Monte Cresta Ave., Oakland.

3/1/46 • 40
RECOMMENDED
HAYWARD, Alameda Co., Calif.—City Engineer John A. Mancini has recommended the resurfacing of upper B Street at a cost of $40,000, to the Hayward City Council. Project will include an area from First St. to the easterly city limits.

3/1/46 • 40
RECOMMENDED
HAYWARD, Alameda Co., Calif.—City Engineer John A. Mancini has recommended to the Hayward City Council the following water improvements:
(1) 500,000-gal. steel tank located at C and Alice Sts., $83,000;
(2) 1,500,000 - gal. reservoir east of Castro Street, $72,000;
(3) improvements in the water distribution system, $90,000;
(4) smaller distribution line replacements and expansions, $51,000;
(5) new 12-inch water main west of Castro Street, $50,000;
(6) standby power for pumping station, $40,000.

22-26—RESIDENTIAL BUILDINGS

3/1/46 26
BIDS OPENED
BOULDER CITY, Nev.—The Las Vegas Roofing Co., Las Vegas, Nev., at $5133.42, submitted the low bid to the Bureau of Reclamation, Boulder City, Nev., for reroofing 36 frame dwellings in Boulder City, Nev., for the Bureau of Reclamation. The work involves approximately 47,400 sq. ft. of asphalt composition shingles.

The complete bids were:
Las Vegas Roofing Co., $5133.42.
Morrow Roofing Co., Los Angeles, $5261.40.
William T. Honeycutt, Boulder City, $5356.20.
Riness Roofing Co., Los Angeles, $5894.

3/1/46 26
SITE SELECTED
LOS ANGELES COUNTY, Calif.—The Housing Authority of the County of Los Angeles, 3723 Wilshire Blvd., Los Angeles, has selected the following sites for 416 emergency housing units for veterans:
Brooklyn Ave. east of Mednik Ave.—100 units.
103rd St. and Central Ave.—100 units.
Bonnie Beach St. near Union Pacific Shops—116 units.
Anaheim-Telegraph Road near Atlantic Blvd.—100 units.

The county is responsible for the preparation of the sites for above projects and work will be done by the county's own forces. Type of housing units will be determined by the Federal Public Housing Authority, Broadway-Arcade Bldg., Los Angeles, and contractors have been selected to move and erect same.

3/1/46 • 24
PLANS COMPLETED
RESIDENCE
Approximate Cost, $17,000-$18,000
ORINDA, Contra Costa County, Calif.
Construction of part one- and two-story residence.
Owner and Builder—Victor E. Sigge, 3912 Linwood Ave., Oakland.
Architect—Guy L. Brown, Bank of Commerce Bldg., Oakland.

27—TRANSPORTATION BUILDINGS

3/1/46 •
LOW BIDDERS
AUTOMOBILE AND APPLIANCE BUILDING
SAN FRANCISCO. Northeast corner Geary Blvd. and Blake St.
Construction of one-story reinforced concrete automobile and appliance sales and service building; work includes excavation, concrete work, structural steel, carpentry, millwork, roofing, sheet metal work, porcelain enameled iron, miscellaneous and ornamental steel and iron work, lathing and plastering, glass and glazing, painting, linoleum, auto hoists, gasoline tanks and pumps, electrical work, etc.
Owner—Harry Krieger & Son, c/o engineer.
Consulting Engineer—Hyman Rosenthal, 617 Montgomery St.
Architect—Theo. G. Ruegg, 617 Montgomery St.
Low Bidder — Jacks & Irvine, 620 Market St., San Francisco.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Dams, Reservoirs and Dredging 34
Docks, Piers & Harbors 35
Parks, Airports and Playgrounds 36
Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

3/1/46 • 31
CONTRACT AWARDED
CENTRAL POINT, Ore. — Thornburn & Logozo Co., 4608 36th SW., Seattle, Wash., at $36,990, submitted low bid and awarded contract by Guy Tex, city recorder, City Hall, City of Central Point, Ore., for the installation of two-mile 8-inch main to connect with the Medford city water system, and for constructing nine miles of water lines in Central Point's own distribution system. The work will consist of installing approximately 42,000 ft. of cast iron pipe, 5500 ft. galvanized iron pipe and 12,000 ft. of copper tubing, with miscellaneous valves, fittings and appurtenances.

Other bids were:
P. S. Lord Co., Portland, $38,718.
N. P. Van Valkenburgh, Sacramento, $42,919.

33—BRIDGES

3/1/46 33
CONTRACT AWARDED
SAN DIEGO COUNTY, Calif.—M. H. Golden Construction Co., 3485 Noell St., San Diego, at $62,053.88, awarded contract by C. H. Purcell, state director of public Works, Public Works Bldg., Sacramento, for the construction of a reinforced concrete overcrossing over Balboa Parkway at Richmond St. in the City of San Diego; XI-SD-77-SD. Bids were received February 14.

34—DAMS, RESERVOIRS & DREDGING

(Continued on Page Seven)

3/1/46 • 34
CORRECTION—BIDS WANTED
CENTRAL VALLEY PROJECT, California. — As previously reported, until March 12, 10 A. M., bids will be received by the Bureau of Reclamation, Old High School Bldg, Antioch, under Spec. No. 1172 for the construction of earthwork, canal lining and structures, Contra Costa Canal, station 2321+25 to the end, and Mountain View Reservoir, Delta Division, Central Valley Project, California. The work is situated from about 1 mile east to about 3½ miles southeast of Martinez, Calif.

Place of opening previously reported incorrectly.

No charge to prospective bidders for copies of the specifications and drawings; to others, $2.75 per copy, not returnable.

3/1/46 • • 34
BIDS WANTED
SANDERS COUNTY, Mont.—Until March 6, 2 P. M., bids will be received by the U. S. District Engineer Office, Textile Tower, Seattle, for exploratory foundation investigation at the site of the projected Paradise dam on Clark's Fork River in Sanders County, Mont. The work in general consists of 450 ft. of diamond core drilling and reaming for diamond drill holes and 50 hours pumping test.

3/1/46 • • 34
LOW BIDDER
ELLSWORTH COUNTY, Kan. — Western Contracting Corp., Sioux City, Iowa, at $4,142,832.60 submitted low bid to the U. S. District Engineer Office, 601 Davidson Building, Kansas City, Mo., Feb. 26, for construction of Kanapolis Dam, across the Smokey Hill River near Ellsworth and Salina Kan. The dam is a compacted structure, approx. 100 ft. high and 4000 ft. long with riprap on the slope.

3/1/46 • • 34
LOW BIDDERS
DESCHUTES PROJ., Ore.—Sleeper & Keyes, Bend, Oregon, at $24,718.75 submitted low bid to Bureau of Reclamation, Bend, Oregon, under Spec. 1174 for furnishing labor and materials and performing all work for construction of highway crossing, sta. 2718 plus 78, North Unit Main Canal; sta. 29 plus 17.7, lateral M-48; sta. 30 plus 51.23, lateral M-51, Deschutes Project, Ore. The work is situated in the vicinity of Metolius, Oregon.

Second and third low bids follow:
W. C. Thompson, San Francisco, $24,965.45.
McLaughlin Constr Co., Richmond, Ore., $25,948.

38—ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

3/1/46 • 38
BIDS POSTPONED INDEFINITELY
INYOKERN, Kern Co., Calif.—Bid opening date has been postponed indefinitely (previously set for March 15) by the officer in charge of construction, Naval Ordnance Test Station, Inyokern, under NOy 13343, Spec. 17504 for street lighting system in the FH area, Naval Ordnance Test Station, Inyokern.

39—SEWERS

(Continued on Page Seven)

3/1/46 39
CONTRACT AWARDED
FRESNO, Calif.—The Pacific Pipeline Construction Co., 2268 Firestone Blvd., Los Angeles, at $15,651.40, was awarded a contract by the City Council of the City of Fresno, D. E. Roughton, city clerk, City Hall, Fresno, February 26, for the construction of 6-inch and 8-inch vitrified sewer in the High Addition, Clinton Terrace, Frisbee Tract and Weldon Terrace, Fresno. The bids were received February 14.

40— STREETS AND HIGHWAYS

3/1/46 • 40
BIDS POSTPONED
ALAMEDA, Alameda Co., Calif.—Until March 7, 2 P. M. (postponed from February 28), bids will be received by the Federal Public Housing Authority, Room 901 Phelan Bldg., San Francisco, for supplementary road construction nad drainage at Alameda Project Calif. 4895-N.

Specifications obtainable from the above office.

40— STREETS AND HIGHWAYS

3/1/46 • 40
BIDS POSTPONED INDEFINITELY
INYOKERN, Kern Co., Calif.—Bid opening date has been postponed indefinitely (previously set for March 12) by the office of the officer in charge of construction, Naval Ordnance Test Station, Inyokern, under Spec. 17503, NOy 13342, for construction of roads, parking areas and sidewalks, consisting of asphaltic concrete pavement and grading pertinent to the placing thereof, and portland cement concrete sidewalks, Naval Ordnance Test Station, Inyokern.

41—GAS, WATER AND OIL PIPE LINES

3/1/46 • • 41
TOTAL BIDS
ALAMEDA and Contra Costa Cos., Calif.—A. J. Peters & Son, 410 North 10th St., San Jose, at (Sched. I) $7,805.24, and (Sched. III), $12,267.37, and McGuire & Hester, 796 66th Ave., Oakland, at (Sched. II) $4,213.85 submitted low bids to the East Bay Municipal Utility District, 512 16th St., Oakland, under Pro. LS-348 for installation of 2-, 4-, 4-, 8-, and 10-in. cast iron water mains in Contra Costa and Alameda Counties.

Total bids follow:
A. J. Peters & Son, San Jose, (I) $7805.24; (II) $4795.76; (III) $12,267.37.
McGuire & Hester, Oakland, (I) $8293; (II) $4213;85; (III) $14,114.95.
Pacific Pipe Line Constr. Co., El Cerrito, (I) $9055.97; (II) $5710.13; (III) $17,071.16.
Martin Murphy, Oakland, (II) $5,643.60; (III) $21,635.80.
Freethy Fogelberg, El Cerrito, (I) $10,908.40; (II) $8138.80; (III) $19,014.35.
Combs Bros., San Leandro, (I) $8,400.13; (II) $4852.65; (III) $14,076.70.
Underground Constr. Co., Oakland, (I) $10,952.85; (II) $5704.37; (III) $15,911.35.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Misc. Supplies & Materials 42
Machinery and Equipment 43

42— MISC. SUPPLIES AND MATERIALS

3/1/46
CONTRACT AWARDED
SAN FRANCISCO.—Sunset Supply Co., Alemany Blvd. and Crescent Ave., San Francisco, awarded contract by the purchaser of supplies, 270 City Hall, under Bid No. 3475 for furnishing and delivering tan bark for the Recreation Department.

3/1/46 42
CONTRACT AWARDED
SAN FRANCISCO.—National Carbon Co., Inc., 114 Sansome St., San Francisco, awarded contract by the purchaser of supplies, 270 City Hall, under Bid No. 3471 for furnishing and delivering 9250 carbon brushes for the Municipal Railway.

3/1/46 42
CONTRACT AWARDED
SAN FRANCISCO.—C. F. Bulotti Machinery Co., 829 Folsom St., San Francisco, awarded contract by the purchaser of supplies, 270 City Hall, under Bid No. 3477 for furnishing and delivering 12 only lathes for the School Department.

3/1/46 • 42
BIDS WANTED
CROCKETT, Contra Costa Co., Calif.—Until March 19, 8 P. M., bids will be received by the high school board of John Swett Union High School, clerk, High School building, Crockett, for one stage control board of the modified preset type, consisting of a composite pilot board and dimmer bank, a circuit breaker panel, a cross-connecting panel and a magnetically operated contarctor board. Entire board shall be designed for operation on 230/115-volt, 60-cycle alternating current.

Specifications obtainable from the above office.

3/1/46 • 42
CONTRACT AWARDED
SANTA CRUZ, Calif. — Hebbron-Nigh Lumber Co., Santa Cruz, at $1 per foot for 10 piles 14-in. in diameter at the butt and 8-in. at the tip, each 68 to 72 feet long, and $0.91 per foot for 15 piles of the same diameter 58 to 62 feet in length, awarded contract by the City of Santa Cruz, City Hall, Santa Cruz, for furnishing piling for the municipal wharf.

3/1/46 • 42
BIDS WANTED
OAKLAND, Alameda Co., Calif.—Until March 13, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Room 406, 512 16th St., Oakland, under LS-349 for furnishing steel pipe for Orinda filter plant, wash water line.

Specifications obtainable from the above office.

3/1/46 • 42
CONTRACT AWARDED
SANTA CRUZ, Calif.—U. S. Pipe & Foundry Co., Monadnock Bldg., San Francisco, at $9373.81, submitted low bid and awarded contract by the City of Santa Cruz, City Hall, Santa Cruz, for furnishing 5000 feet of water pipe and fittings.

American Cast Iron Pipe Co., at $9501.42, submitted only other bid.

3/1/46 • 42
BIDS WANTED
OAKLAND, Alameda Co., Calif.—Until March 7, 5 P. M., bids will be received by the Board of Playground Directors, Dorothy L. Lanyon, secretary, Room 315 City Hall, Oakland, for furnishing one five-unit gang mower, two metal type canoes and six sponson type canoes for the Recreation Department.

Specifications obtainable from the above office.

3/1/46 • 42
BIDS WANTED
SAN FRANCISCO. — Until March 15, 3 P. M., bids will be received by the purchaser of supplies, 270 City Hall, under Bid No. 3502 for furnishing and delivering one arc motion picture projector for the School Department.

Specifications obtainable from the above office.

3/1/46 • 42
BIDS WANTED
SAN FRANCISCO. — Until March 15, 3 P. M., bids will be received by the purchaser of supplies, 270 City Hall, under Bid No. 3500 for furnishing and delivering of manufactured school furniture.

Specifications obtainable from the above office.

3/1/46 • 42
BIDS WANTED
SAN FRANCISCO. — Until March 11, 2 P. M., bids will be received by the U. S. Treasury Department, 821 Market St., San Francisco 3, under Inv. No. SF-2840-46 for treated and untreated Douglas fir lumber, f.o.b. hipping point and/or Mountain Home, Idaho; Elko, Nev

3/1/46 • 42
BIDS WANTED
OAKLAND, Alameda Co., Calif—Until March 13, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Room 406, 512 16th St., Oakland, under Pro. LS-350 for furnishing cast iron pipe and fittings for Orinda filter plant.

Specifications obtainable from the above office.

(Continued on Page Seven)

43— MACHINERY AND EQUIPMENT

3/1/46 • 43
COMPLETE BIDS
CENTRAL VALLEY PROJECT, California.—The following submitted bids to the Bureau of Reclamation, Walker R. Young, chief engineer, Denver, Colo., under Spec. No. 1156 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Redding, Calif., at the option of the bidder, four motor-driven gate hoists for operating the 50x50-ft. regulating gates to be installed in the spillway at Keswick Dam, Kennett Division, Central Valley Project, California. The gate hoists will be installed by the government.

Watertown Arsenal, f.o.b. Watertown, Mass., $175,382, 936,000 lbs.; net.
Western Machinery Corp., f.o.b. Portland, Ore., $195,910, 784,000 lbs.; 2% 10 days.
Commercial Iron Works, f.o.b. Portland, Ore., $195,963, 700,000 lbs.; net.
Western Gear Works, f.o.b. Seattle, Wash., $201,000, 655,000 lbs.; net.
Premier Gear & Machinery Works, f.o.b. Portland, Ore., $204,000, 690,000 lbs.; net.
Pacific Coast Engineering Co., f.o.b. Alameda, Calif., $211,110, 688,000 lbs.; net.
Consolidated Steel Corp., f.o.b. Los Angeles, $215,500, 750,700 lbs.; net.
Joshua Hendy Iron Works, f.o.b. Sunnyvale, $231,399, 700,000 lbs.; net.
Koppers Co., f.o.b. Baltimore, Md., $234,000, 600,000 lbs.; net.
Williamette Iron & Steel, f.o.b. Portland, Ore., $245,820, 720,000 lbs.
Foote Bros. Gear & Machy. Corp., f.o.b. Chicago, Ill., $251,100, 650,000 lbs.; net.
Lakeside Bridge & Steel Co., f.o.b. destination, ship Milwaukee, $331,000, 696,000 lbs.; net.

3/1/46 • 43
NEW BIDS ASKED
OAKLAND, Alameda Co., Calif.—Until March 13, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Room 312, 512 16th St., Oakland, under Pro. 1719 for one oil circuit breaker.

Bids submitted under Pro. 1709 were all rejected.

Specifications obtainable from the above office.

(Continued on Page Eight)

WIDEN BRIDGE, SAN BERNARDINO COUNTY

SAN BERNARDINO COUNTY, Calif.—Carl Broome, 1450 Washington St., Redlands, at $9873, submitted low bid to the Department of Public Works, Division of Highways, district engineer, 247 3rd St., San Bernardino, Calif., for performing work as follows: San Bernardino County; across Mission storm drain, six miles southeast of San Bernardino (VIII-SBd-26-A), a bridge to be widened.

The work involves:
(1) 25 cu. yds. removing concrete;
(2) clearing and grubbing;
(3) 200 cu. yds. structure excavation;
(4) 136 cu. yds. class A portland cement concrete;
(5) 52 lin. ft. concrete railing;
(6) 21,000 lbs. bar reinforcing steel;
(7) 17 each, portable timber barricades;
(8) miscellaneous items of work.

Total bids submitted were:
(A) Carl Broome, $9873.
(B) Thorston & Dahl, $9967.
(C) Egglestone & Root, $10,286.
(D) O'Rourke & Parker, $10,678.
(E) George Herz & Co., $10,810.
(F) Oberg & Cook, $12,085.
(G) N. M. Saliba Co., Los Angeles, $14,686.
(H) Matich Bros., $15,764.
(I) C. B. Tuttle, $16,411.
(J) Contracting Engineers, $17,666.

The unit bids submitted were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	$ 20.00	$ 37.00	$ 18.00	$ 12.00	$ 15.00	$ 15.00	$ 17.00	$ 20.00	$ 28.00	$ 20.00
(2)	150.00	300.00	50.00	50.00	75.00	200.00	375.00	700.00	148.00	400.00
(3)	5.00	4.00	4.75	3.00	3.50	5.00	6.45	8.00	11.00	10.00
(4)	32.00	32.00	39.75	44.00	45.00	50.00	54.25	52.00	66.00	60.00
(5)	11.00	5.00	10.00	9.00	7.50	10.00	15.00	16.00	9.00	8.00
(6)	.08	.08	.10	.085	.11	.08	.12	.10	.09	.08
(7)	32.00	50.00	35.00	55.00	20.00	30.00	67.50	80.00	37.00	30.00
(8)	1155.00	800.00	215.00	556.00	500.00	1000.00	770.50	1600.00	1400.00	400.00

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AMANDES, F. FREDERIC, 414 Dewey Boulevard.
AMBROSE, Wm. C., 251 Kearny St.
APPLEGARTH, G. A., 235 Montgomery Street.
APPLETON, A., 68 Post Street.
HYMAN & APPLETON, 68 Post St.
AUSTIN, ELIZABETH M., 1162 Filbert Street.

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BAKEWELL & WEIHE, 251 Kearny.
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BARSS, FREDERICK B., 268 Market Street.
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BAUMANN, HERMAN C., 251 Kearny Street.
BERGER, G. A., 309 Valencia Street.
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WURSTER, BERNARDI AND EMMONS, 402 Jackson Street.
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BLANCHARD & MAHER, 369 Pine.
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BLISS & FAIRWEATHER, 582 Market Street.
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WARD & BOLLES, 369 Pine Street.
BORN, ERNEST, 730 Montgomery Street.
BRANNER, JOHN K., 210 Post St.
BICKEL, REDDICK H., 582 Market Street.
BROWN, ARTHUR Jr., 251 Kearny Street.
BUCKLEY, VINCENT, 110 Sutter St.

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CANTIN, A. MACKENZIE, 704 Market Street.
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CHINN, FRANCIS LAI, 622 Washington Street.
CIAMPI, MARIO J., 85 San Pablo Avenue.
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CLIFFORD, WALTER C., 310 Locust Street.
COBBY, E. V., 260 Tehama St.
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COLLINS, FREDERICK R., 1032 Hyde Street.
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DAVIS F. C., 515 Buena Vista Ave.
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DEICHMANN, OTTO A., 1026 Market Street.
DE MARTINI, EDMUND P., 785 Market Street.
DENKE, EDMOND H., 1317 Hyde St.
DEVITT, JOHN H., 580 Market St.
DINWIDDIE, JOHN EKIN, 233 Sansome Street.
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EDIE, WM., 47 Rockwood Court.
EDWARDS, THOS., M., 704 Market.
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HASS, ANDREW T., 525 Market St.
KENT & HASS, 525 Market Street.
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HEIMAN, S., 605 Market Street.
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POPE, CHARLES. 308 Laurel Street.
QUANDT, FRED W., 995 Market St.
RANEY, VINCENT, 233 Post Street
REID, JOHN, Jr., 405 Montgomery.
REIMERS, FREDERICK H., 79 Post Street.
RESING, EDMUND J., 488 Pine St.
RESING & McGUINNESS, 488 Pine Street.
REYNOLDS & CHAMBERLAIN, 564 Market Street.
RIEDY, D. A., 265 City Hall.
RIST, MARTIN J., 760 Market St.
ROGERS, CHAS. E. J., 760 Market St.
ROLLER, ALBERT F., 620 Market St.
ROWE, WILLIAM HENRY, 214 Front Street.
RUNGE, C. W., 1623 35th Avenue.
RUEGG, THEODORE G., 617 Montgomery Street.
SHARPE, ED. MUSSON, 277 Pine St.
SHAW, FREDERIC, 542 18th Ave.
SHELDON, MARTIN A., 681 Market Street.
SMITH, DONALD POWERS, 58 Sutter Street.
SMITH, WILTON, 1045 Sansome St.
SMITH, THOMAS, 3121 26th Street.
SPACKMAN, WENDELL R., 684 Mission Street.
SPENCER, ELDRIDGE T., 251 Kearny Street.
STARKS, LEONARD F., 904 De Young Bldg., Market and Kearny.
STEINER, CARLTON A., 101 Post.
STEWART, JOS. L., 206 Sansome St.
STONE, DOUGLAS D., 381 Bush St.
STRINGHAM, ROLAND I., 251 Kearny Street.
STROTHOFF, CHAS. F., 1857 Market Street.
SWAIN, CLARKSON, 2425 Buchanan Street.
SWEETING, HOWARD EDWIN, 101 Post Street.
THOMSEN, H. A., Jr., 315 Montgomery Street.
TRAVIS, GEO. W., 426 41st Ave.

WARD, JOSEPH FRANCIS, 369 Pine Street.
WARD & BOLLES, 369 Pine Street.
WEEKS, HAROLD H., 593 Market St.
WEIHE, ERNEST E., 251 Kearny St.
BAKEWELL & WEIHE, 251 Kearny.
WELLINGTON, WINFIELD SCOTT, 260 California Street.
WHITE, C. BOLTON. 221 Spruce St.
WIEMEYER, GEORGE H., 704 Market Street.
WICKENDEN, JAMES D., 402 Jackson Street.
WILLARD, STANTON, 1847 29th Avenue.
WILLIAMS, ALBERT R., 251 Post Street.
WILLIAMS, ALFRED C., 1231 Fifth Avenue.
WILLIAMS, MORTON A., 5824 Ocean View Drive.
WILSON, ALECK L., 715 Montgomery Street.
WONG WORLEY K., 101 Post Street.
WYNKOOP, FRANK, 821 Market St.
WURSTER, BERNARDI AND EMMONS, 402 Jackson Street.
WURSTER, WM. W., 402 Jackson St.
WURSTER & BERNARDI, 402 Jackson Street.

ALAMEDA

ASHCROFT, G. B., 1823 Alameda Avenue.
CORNELIUS, ALBERT, Clinton Ave. and Grand Street.
HASS, ANDREW T., 1711 Palmera Court.
HEWETSON, ANGELO, 1100 Versailles Avenue.

ALBANY

DeMONTE, LOUIS A., 518 Carmel Avenue.

ALDERPOINT

HIGBIE, HOWARD W.

ATHERTON

JANSSEN, ARTHUR D., 58 Austin Avenue.

BAKERSFIELD

BIGGAR, CHAS. H., 730 Holtby Rd.
CULLIMORE, C. C., 2329 Truxton Avenue.
WYNKOOP, FRANK, Haberfelde Building.

BELMONT

LARSEN, ALBERT H., Box 69.

BURLINGAME

BROWN, IRVING FORBES, 1915 Adeline Drive.
GILLAM, W. C. F., 1404 Palm Drive.
McSWEENEY, ANGUS, 112 Pepper Avenue.
NORBERG, ERNEST L., 407 Occidental Avenue.
SHARPS, L. J., 735 W. Poplar St.
SHARPS, LEO J., 1477 Burlingame Avenue.
STEPHEN, WALLACE A., 2025 Carmelita Avenue.
THAYER, OSCAR R., 1257 Cabrillo Avenue.

BERKELEY

ALLEN, HARRIS C., 2514 Hillegass.
ANTHONY, JOHN B., 2829 Forest Avenue.
BALLANTINE, JOHN KNOX, Jr., 1512 La Loma.
CHILDS, ELMER E., 702 Spruce St.
CONFER, FREDERICK L., Hotel Claremont.
De MARS, VERNON, 1195 Euclid Avenue.
DeCHENE, ERNEST R., 716 Arlington Avenue.
DE LONG, SCOFIELD, 2656 Le Conte Avenue.
DeSANNO, RAYMOND, 2584 Milvia Street.
DONOVAN, JOHN J., 950 Parker St.
DRAGON, PAUL L., 2068 Allston Way.
FERREE, HAROLD, 2100 Virginia.
GENSS, HAROLD F., 1319 McGee Avenue.
GOODMAN, MICHAEL, 2161 Shattuck Avenue.
GUTTERSON, HENRY H., 2922 Garber Street.
deLAPPE, RUSSELL GUERNE, Hotel Claremont Bldg.
HARDMAN, B. R., 2068 Allston Way.
HAMMARBERG, PAUL H., 2 Norwood Avenue.
HATCH, JOHN DAVIS, 2631 Hillegass Avenue.
HAYMOND, SCOTT, 2323 Shattuck Avenue.
HAYS, WM. C., 2924 Darby Street.
HUNTER, ALBERT R., 1604 Capistrano.
JEANS, RAYMOND W., 1824 San Pedro Avenue.
JORY, ARTHUR V., 1395 Scenic Ave.
JORY, STAFFORD L., 1370 Euclid Avenue.
KLINKHARDT, GEORGE R., 44 Eucalyptus Road.
LAKE, H. RAFAEL, Claremont Hotel
LINDLEY, CHARLES R., 1037 Colusa Avenue.
MAYBECK, BERNARD R., 2751 Buena Vista Way.
MEMMLER, ARTHUR H., P. O. Box 124.
MILLER, LEFFLER B., 2369 Le Conte Street.
MOISE, HOWARD, 71 Panoramic Way.
MEYERS, MILDRED S., 2024 Central Avenue.
OFFICER, GWYNN, 2068 Allston Way.
PLACHEK, JAS. W., 2131 University Avenue.
PRICE, OSCAR M., 1667 Short St.
RATCLIFF, W. H., 2323 Shattuck Avenue.
RUSS, E., 3141 College Avenue.
SANFORD, FLORENCE H., 274 Bancroft Way.
SCHMIDTS, CARL R., 2068 Allston Way.
SHAW, NORMAN W., 71 Tunnel Rd.
SIMPSON, HORACE G., 201 Tunnel Road.
STEILBERG, WALTER T., No. 1 Orchard Lane.
TALLEY, WESLEY ANDRES, 51 Maryland Avenue.
THOMAS, JOHN HUDSON, 31 Norwood Avenue.
WAGNER, WALTER E., 775 Vincente Ave.
WELLINGTON, WINFIELD SCOTT, 1525 Arch Street.
WITKIN, ELIZABETH HILLIER, 2712 Shasta Road.
WOLFARD, HAROLD N., 2772 Shasta Road.
YELLAND, W. R., 829 Coventry Rd.

CARMEL

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GREENE, C. SUMNER, Box 1955.
JONES, ROBERT, Box 927.
LATHAM, MILTON, P. O. Box 1257.

CHICO

STORY, A. W., 116 W. Second St.

CONCORD

REID, FRANCIS W., Route No. 1.

EL CERRITO

RIGGS, ROBERT, 7314 Hotchkiss Avenue.

EUREKA

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GEORGESON, F. T., Box 55.

FAIRFAX

de COLMESNIL, GEO. T., 14 Canyon Road.

FRESNO

BUCKINGHAM, PHILIP S., 1922 Clinton Avenue.
COATES, W. D., 704 Helm Building.
COLLINS, ALLEN C., 356 Vassar.
FRANKLIN, CHARLES H., 1244 O Street.
HORN, DAVID H., 601 Rowell Bldg.
KUMP, ERNEST J., 1244 O Street.
LAKE, H. RAFAEL, 1205 Mattei Building.
PETERSON, EDW. W., Mason Bldg.
SWARTZ, FREDERICK L., 624 Rowell Bldg.

HAYWARD

SIMONDS, GEORGE P., 40 Main St.

HILLSBOROUGH

ROWE, WM. HENRY, 1035 Lancaster Road.

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NARBETT, KEITH O., Rt. 2, Box 30.

LARKSPUR

STONER, HAROLD G., 71 Marina Vista Ave.

LOS ALTOS

HODGSON, GILBERT, Rte. 1, Box 697.

LOS GATOS

ROOT, CHESTER, Blossom Hill Rd.
KENSIT, HENRY DAVID, Post Office Bldg.

MENLO PARK

FENNACY, JOHN E., 715 College Avenue.
HEMPEL, WM. F., 380 Laurel Dr.
YOUNG, JOHN D., N. Lemon Ave.

MILL VALLEY

BERTENSHAW, JAS. W., 420 Moline Avenue.
LAMB, ARTHUR H., 209 Oakdale Avenue.
MILANO, J. P., de Silva Island.

MODESTO

De LAPPE, RUSSELL GUERNE, 1901 Downey Street.
HILBURN, GEORGE N., 1211 K St.

MONTEREY

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STANTON, ROBT., Pebble Beach.

OAKLAND

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BAXTER, WM. F., 1025 Second Ave.
BLAINE, ROGER W., 5574 Florence Avenue.
BLODGETT, EDWARD OSCAR, 1989 Hoover Avenue.
BROOKE, HERBERT VAUGHN, 542 Fairbanks Avenue.
BROWN, GUY L., 601 Bank of Commerce Building.
BRUNO, HARRY A., 1440 Broadway.
CERRUTI, EDW. D., 426 13th Street.
CHAMBERLAIN, LOY, 3833 Piedmont Avenue.
COLEMAN, N. L., Lafayette.
COLLINS, ALLEN C., 5945 Marden Lane.
CORLETT, WILLIAM G., 1801 Bank of America Building.
deLAPPE, RUSSELL GUERNE, 5460 Carlton.
ELLINGER, GEO. E., 1801 Casterline Road.
EVANS, JOHN M., 1308 E. 38th St.
FLORES, ERNEST, 2225 9th Avenue.
FORD, LEONARD H., 3361 Bruce St.
FOULKES, EDWARD T., 357 12th Street.
FROBERG, ALBEN, 3454 Harlan St.
GEBHARDT, W. H., 486 Mandana.
GEERING, JOHN HENRY, 3914 Randolph Avenue.
GIBBS, W. ROLAND, 6144 Rockridge Blvd. South.
GOSLINE, RICHARD C., 638 Caldwell Road.
HANIFIN, ARTHUR C., 3202 San Pablo Avenue.
HUDSPETH, JOHN, 427 13th Street.
HUTCHISON, ROBERT A., 3433 Andover Street.
JOHNSON, IRVIN M., 449 MacArthur Blvd.
JOHNSON, HERBERT T., 4716 Reinhardt Drive.
JOHNSON, KEPLAR B., 5347 Golden Gate Avenue.
KEEFER, RAY F., 770 Wesley Ave.
KOUE, A. LEWIS, 428 Thirteenth St.
LUIS, MISS ROSE E., 811 6th St.
MAYHEW, CLARENCE W., 6026 Acacia Street.
McCALL, CHAS. W., 837 Santa Rey Avenue.
MILLER, CHESTER H., Financial Center Building.
MORRISON, MILTON, 3710 Virden Avenue.
MORROW, GERTRUDE C., 6175 Hillegass Avenue.
MORROW, IRVING F., 6175 Hillegass Avenue.
NEWSOM, ARCHIE T., 5951 Contra Costa Road.
OLSON, DAVID, 4051 Kuhnle Ave.
PONSFORD, KEITH E., 1214 Webster Street.
PRICE, OSCAR M., 2025 10th Ave.
REYNOLDS, MALCOLM D., 3833 Piedmont Avenue.
SAWYER, HOUGHTON, 2058 Oakland Avenue.
SCHALK, LOUIS, 5515 Market St.
SCHIRMER, WM. E., 1419 Broadway.
SLOCOMBE, FRANCIS H., 132 Monte Cresta Avenue.
THOMSON, LAWRENCE G., 1308 E. 38th Street.
TREICHEL, CHESTER H., 696 Cleveland St.

ORINDA

ANDERSON, JAMES H., No. 5 Via Hermosa.
SISSON, RALPH C., 11 El Campanero.
WHITE, LAWRENCE R., 30 La Cintilla.
WINTER, ALBERT H., 171 Las Vegas Road.

PALO ALTO

STEDMAN, HENRY MORGAN, 666 Kellogg Avenue.
SUMNER, CHAS. K., Decker Oak Building.
BOYTER, ELIZABETH, 316 Kipling.
CLARK, BIRGE M., 310 University Avenue.
CLARK, DAVID B., 310 University Avenue.
THOMSON, DOLE FORD, 179 Lincoln Avenue.
NICHOLS, LESLIE I., 532 Emerson.
SAWYER, CHARLES, 155 Dana St.
SUMNER, CHAS., 760 University.

PIEDMONT

FARR, ALBERT, 175 Santa Rosa.
NEWSOM, NOBLE, 2083 Oakland Avenue.
BURNETT, HOWARD E., 52 Manor Drive.
CHAPMAN, FREDERICK A., 86 Wildwood Avenue.
GALLION, ARTHUR B., 1074 Annerley Road.
MILWAIN, W. E., 1503 Oakland Ave.

ROSS

WINNER, H. H., Wordsworth Ave.

SAN CARLOS

HODGSON, GILBERT, 1212 Cherry Street.

SALINAS

BUTNER, CHAS. E., 7 Winham St.

SAN JOSE

BINDER, WILLIAM, 35 W. San Carlos Street.
CURTIS, E. N., 35 W. San Carlos St.
HIGGINS, WM. L., 84 S. First St.
JAEKLE, DONNELL E., Builders' Exchange Bldg.
KRESS, EDWARD W., 515 First National Bank Building.
McKENZIE, CHAS. S., 22 S. 7th St.
ROOT, CHESTER, 84 S. First St.
SOBEY, GIFFORD E., 69 S. First St.
WYCKOFF, RALPH, Anglo Bank Building.

SACRAMENTO

ADAMS, ELLIOT J., 1153 Swanston Drive.
ASHCROFT, G. B., 1419 13th Street.
BARTGES, W. K., 418 25th Street.
BOYD, ANSON, 2691 14th Street.
CUFF, CLARENCE C., 1315 Q St.
DANIELS, W. K., 2640 3rd Avenue.
DEAN, CHARLES F., 1407 California State Life Building.
DeHAVEN, H. W., 1175 Robertson Way.
DEVINE, HARRY J., Cronan Bldg.
DUDMAN, ARTHUR F., 1400 44th St.
EICHLER, ALFRED, 2717 Harkness Avenue.
FRANKLIN, CLIFFORD N., 1739 9th Avenue.
FRANCESCHI, R. R., Rt. 5, Box 8115
GILLEM, JAMES A., 4701 D Street.
GOODPASTER, HERBERT E., Mitau Building.
HARRISON, FREDERICK S., 1312 Del Paso Blvd.
LEWIS, W. O., 2741 Tiago Way.
LONG, W. J., 4209 "T" Street.
MANHART, W. E., Rt. 6, Box 8346.
MURRAY, ROBERT D. Rt. 9, Box 1061.
POAGE, P. T., 1610 12th Avenue.
SEADLER, EUGENE, 2749 10th Ave.
SATTERLEE, IVAN C., California State Life Building.
SELLON, GEO. C., California State Life Building.
STAFFORD, GORDON, 1825 3rd Ave.
STARKS, LEONARD F., 416 Native Sons' Building.
WILLARD, STANTON, 1606 Cara-

SAN LEANDRO

KERR, RALPH N., 308 Broadmoor Boulevard.
KREINKAMP, H. A., 684 Maple Court
MOWBRAY, MELTON V., Jr., 756 Rodney Drive.
ROSEBROOK, GUY L., 1706 San Leandro Blvd.

SAN MATEO

COLLINS, HENRY C., No. 9 Aragon Boulevard.
EDWARDS, THOMAS M., 123 Elm Street.
HESS, KENNETH H., 1444 Shafter.
TOEPKE, WM. H., 230 Chesterton Pl.
LANSBURGH, G. ALBERT, 28 W. Fourth Avenue.
ROWE, WILLIAM HENRY, 1035 Lancaster Road, Hillsborough.

SAN RAFAEL

GROMME, CARL F., 110 "B" Street.
LESSWING, SYLVESTER A., 17 Hillcrest Drive.
McDOUGALL, GEO. B., Box 265.

SANTA CRUZ

DUCKERING, LYNN ROLLETT, 27 Front Street.

SANTA ROSA

CAULKINS, C. A., Jr., Rosenberg Building.
FELCIANO, J. CLARENCE, 4010 Montecito Avenue.
HERBERT, WM. F., 1633 Austin Way.

SAUSALITO

BICKEL, REDDICK H., 148 Harrison Avenue.
CONSTABLE, ARNOLD S., 95 Spencer Avenue.
FAVILLE, WM. P., 35 Central Ave.
KETT, CONRAD F. T., 75 Crecienta.

SONOMA

JORGENSEN, VIRGIL W., Route 1, Box 399.

STOCKTON

BISSELL, HOWARD G., 1225 W. Acacia Street.
CLOWDSLEY, J. UPTON, 1767 Lucerne Street.
ERNST, ELMORE G., 501 E. Harding Way.
GALBRAITH, VICTOR, 834 W. Willow Street.
JOHNSON, ERIC, Elks' Building.
LOSEKANN, JOSEPH, 311 E. Market Street.
MAYO, FRANK V., 3119 N. American.
SALA, PETER L., 2130 N. Commerce Street.

STANFORD UNIVERSITY

WARD, EUGENE V., 627 Salvatierra Street.

SUSANVILLE

TAYLOR, RALPH D., 716 Court St

VALLEJO

FRENCH, EDW. R., Jr., 39 Santa Paula Way.
PERRY, CHARLES E., 514 Marin St.

WALNUT CREEK

FORD, LEONARD H., 1350 Main St.
COMSTOCK, FLOYD B., RFD No. 1, Box 347R.
DEAN, MARSHALL, Colonial Inn, 1329 Main St.

Structural Engineers

SAN FRANCISCO

ADRIAN, W., 417 Market Street.
APPLEFORD, CARL W., 245 Market.
BARKER, RALPH, 63 Fernwood Dr.
BEEBEE, RALPH A., 1261 41st Ave.
BLUME, JOHN A., 68 Post Street.
BOGVAD - CHRISTENSEN, VILHELM, City Hall.
BREITE, W. W., 375 Sutter Street.
BROWN, ARCHIBALD A., 461 Market Street.
BRUNNIER, H. J., 612 Sharon Bldg.
BUELL, RAYMOND C., Second Floor Call Building.
BULLEN, ARTHUR C., 2 Pine Street.
BURGESS, E. O., 1200 17th Street.
BUSH, PHILIP LEE, 101 California.

CHACE, THOMAS F., 268 Market St.
CHERNO J., 245 Market Street.
CHEW, RICHARD SANDERS, 844-A Mills Building.
CORWIN, T. J., Jr., 245 Market St.
COTTEN, SHEPARD M., 308 Eddy.

DEGENKOLB, HENRY J., 405 Montgomery Street.
DEWELL, HENRY D., 604 Mission.

EARL, AUSTIN W., 233 Sansome St.
ELLISON ,W. H., 500 Sansome St.
ENGLE, HAROLD MARSHALL, 110 Sutter Street.
FALK, MARK M., 251 Kearny St.
FISHER, ALFRED P., 300 Montgomery Street.

FISHER, R. J., 826 Crocker Building.

GOULD, JOHN J., Financial Center Building.

HALL, FREDERIC F., 251 Kearny.
HAMMILL, HAROLD B., 381 Bush.
HANSON, ROBERT A., 19th and Indiana Streets.
HARRIS, FREDERIC R., Inc., 1045 Sansome Street. California Street.
HASSENMILLER, WILFORD S., 100 Bush Street.
HAUN, GEORGE CLEVELAND, 580 Market Street.
HAYES, JESSE E., 525 Market St.
HENRY, RODNEY WM., Shell Oil Building.
HILL, GEORGE S., 36 Diamond St.
HJUL, JAMES H., 128 Russ Street.
HUBER, EARL RAYMOND, USFS, Phelan Building.
HUBER, WALTER LeROY, 1 Montgomery Street.

IRVIN, LESLIE A., Fort Winfield Scott.

JAKOBSEN, B. F., Balfour Building.

KEGLER, HOWARD L., 661 29th Avenue.
KELLBERG, F. W., 320 Market St.
KING, STANLEY C., 509 Sansome St.
KNAPIK, EDWARD MATHIAS, 1325 Crocker 1st National Bank Bldg.
KRAFFT, ALFRED J., Phelan Bldg.

LEVY, EDWIN F., 727 17th Avenue.
LITTLE, JOHN GOULDING, 251 Kearny Street.

MARDEL, CHARLES M., 2335 Pacific Avenue.
MEYERHOLZ, R. IVAN, 245 Market.

NISHKIAN, L. H., 1045 Sansome St.

PAQUETTE J. ALBERT, 320 Market Street.
PERKINS, MAC D., 110 Sutter St.
PHILLEO, R. A., CEC Hq., 4th Air Force.
POWERS, H. C., 612 Sharon Bldg.
PREGNOFF, M. V., 251 Kearny St.
RINNE, JOHN E., 225 Bush Street.

ROSENTHAL, HYMAN, 617 Montgomery Street.
ROSENWALD, JESSE, 525 Market.
SAMPSON, RAPHAEL, 333 Montgomery Street.
SAPH, A. V., Jr., Rialto Bldg.
SCHELLENBERG, G. W., 225 Bush.
SEAGE, CLARENCE E., 681 Market Street.
SJOBERG, HAROLD O., 233 Sansome Street.
SKYTTE, JOHANNES, City Hall.
SMITH, HARVEY A., 712 Pacific Building.
SMITH, JAS. M., 251 Kearny Street.
SPITZER, FELIX H., City Hall.
SQUIRE, HARRY EDWIN, 19 Ferry Building.
STEELE, I. CLEVELAND, 245 Market Street.
SWAIN, CLARKSON, 320 Market St.

THAYER, EDWARD S., 1208 Balfour Building.
THEILL, KAJ, 580 Market Street.
THOMPSON, ISADORE, 58 Sutter.
VENSANO, H. C., City Hall.

WASHINGTON, GEO., 417 Market.
WHIPPLE, S. K., 225 Bush Street.
WHITE, FRANK G., 18 Ferry Bldg.
WOODRUFF, GLENN B., 333 Montgomery Street.
WRIGHT, J. G., 233 Sansome Street.
ZOLLNER, CARL W., 333 Kearny St.

OAKLAND

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BASTOW, J. G., Grove Street Pier.
COOLEY, R. H., 354 Hobart Street.
CORLETT, WILL G., 1801 Bank of America Building.
COTTERILL, GEO. W., 5354 Lawton Avenue.
DALTON, ROBT. DOCK, 1630 Webster Street.
DEWELL, ROBERT D., 6231 Contra Costa Road.
ELLERY, N. B., 2124 Coloma Street.
GUPTILL, JOSEPH R., 5936 McAndrews Drive.
HANSEN, CHARLES, Grove St. Pier.
KENNEDY, ROBT. CHAS., 512 16th Street.
KITCHEL, MILTON P., City Hall.
LYMAN, RICHARD F., Jr., 6602 Chabot Road.
MANOV, MATEO M., 337 17th Street.
NEVIUS, SEARLE B., 184 13th St.
O'NEIL, HUGH M., 363 17th Street.
PLANT, FRANCIS B., 858 Alma Ave.
SANDNER, VICTOR R., c/o Moore Drydock Company.
SAWYER, FRANK L., 1025 2nd Ave.
SCHIRMER, HOWARD A., 1444 14th Street.
SLY, CLARENCE JEFFERSON, 638 Miranda Street.
THURSTON, EUGENE T., 869 Rosemount Road.
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WILLIAMSON, H. P., 3589 Fruitvale Avenue.

WASHINGTON, D. C.

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McKEE, GEORGE T., Saranap.

LOS ALTOS

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ROSS

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SAN ANSELMO

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BUEHLER, WALTER A., 3410 Land Park Drive.
ENGER, ARTHUR L., Public Works Building.
EWING, M. A., 1120 "N" Street.
FRANCIS, ERNEST D., Cronan Building.
HOLLISTER, LEONARD C., State Bridge Department.
HUTCHINSON, RALPH W., Public Works Building.
ILLERICH, OTTOMAR THEODORE, Public Works Building.
JOHNSON, FRANK A., Public Works Building.
KROMER, CLARENCE HERBERT, Wright Building.
LONG, WALTER J., Department of Public Works.
McGINNESS, ARTHUR R., Old Post Office Building.
MEEHAN, ANDREW J., 2540 Fifth Avenue.
NELLDOV, IVAN M., Public Works Building.
PANHORST, F. W., P. O. Box 1499.
PETERSEN, WM., HARTMAN, Public Works Building.
PURCELL, CHARLES H., 210 Public Works Building.
REYNOLDS, FRANK HOWARD, 905 Forum Building.
ROWE, R. ROBINSON, 339 Public Works Building.
SHIELDS, JAMES RALPH, 205 City Hall.
STOVER, HARVEY D., 327 Public Works Building.
WALKER, ARTHUR V., 1020 "N" St.
WILLETT, ALBERT B., 708 35th St.
WILLETT, D. C., Public Works Bldg.

ALAMEDA

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GORMAN, SIDNEY S., 2308 Webster Street.
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HESS, C. W., 1242 Hawthorne Street.

BERKELEY

DAVIS, RAYMOND E., University of California.
DERLETH, CHARLES Jr., 218 Engineering Bldg., U. of C.
JAMEYSON, BRUCE, C. E. Bldg., U. of C. Campus.
JENNINGS, GEORGE H., 1715 Buena Avenue.
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SAN MATEO.

BERTWELL, WILLIAM, 615 Columbia Drive.
COX, HARRY A., 215 Elm Street.

PIEDMONT

BROWN, ULYSSES G., 32 Arbor Dr.
COLLINS, MERTON C., 82 Fairview Avenue.

FORT BAKER

BELL, CHARLES LAMBERT.

PALO ALTO

GILL, G. F., 550 Forrest Avenue.
WELLS, JAS. BERTRAND, 846 Lytton Avenue.
WING, CHAS. B., 345 Lincoln Ave.

No. California County and City Engineers

ALAMEDA, Carl Froerer.
ALAMEDA CO., Wallace B. Boggs.
ALBANY, U. R. Grey.
ANTIOCH, John S. Bates.
ARCATA, Hal C. Acheson.
ATHERTON, James S. James.
ATWATER, W. E. Bedesen.

BAKERSFIELD, Joseph Holfelder.
BELMONT, Robert Klassen.
BENICIA, Phil R. Jones.
BERKELEY, Harry Goodridge.
BURLINGAME, Cecil L. Longson.
BUTTE COUNTY, Bert Paxton.

CALAVERAS CO., Oliver C. Wyllie.
CALISTOGA, Clyde C. Kennedy.
CHICO, Frank Robinson.
CONCORD, John S. Bates.
CONTRA COSTA CO., J. W. Barkley.

DALY CITY, Robert Klassen.
DAVIS, Alexander M. McKinnon.
DEL NORTE CO., H. M. Malpas.
DOS PALOS, W. E. Bedesen.

EL CERRITO, R. R. Randall.
EMERYVILLE, Geo. T. Oliver.
EUREKA, Geo. S. Winzler.
EXETER, Irvin M. Althouse.

FRESNO COUNTY, A. J. Nielsen.

GILROY, W. J. Hanna.

HANFORD, Walter K. Hopkins.
HAYWARD, J. A. Mancini.

KERN COUNTY, J. R. Thornton.
KING CITY, H. F. Cozzens.
KINGS COUNTY, J. H. Hayes.

LIVERMORE, C. G. Clarke.
LIVINGSTON, W. E. Bedesen.
LODI, Clinton Henning.
LOS BANOS, W. E. Bedesen.
LOS GATOS, L. Cedric Macabee.

MANTECA, John S. Bates.
MARIN COUNTY, C. P. Clow.
MARTINEZ, Leonard McClintock.
MARYSVILLE, F. H. Divver, Jr.
MENLO PARK, Edwin Smith.
MERCED, G. E. Winton.
MERCED CO., W. E. Bedesen.
MILL VALLEY, Edward Hussey.
MODESTO, Frank J. Rossi.
MONTEREY, Howard Severance.
MONTEREY CO., H. F. Cozzens.
MOUNTAIN VIEW, M. C. Christensen.

NAPA, H. A. Harrold.
NAPA COUNTY, E. P. Ball.

OAKLAND, Walter N. Frickstad.
OROVILLE, S. J. Norris.

PACIFIC GROVE, Alfred D. Coons.
PALO ALTO, Fabian S. Miller.
PASO ROBLES, Hal Johnson.
PETALUMA, S. Gonzales.
PINOLE, Ross Calfee.
PITTSBURG, E. L. O'Hara.
PLACER COUNTY, John A. Shields.
PORTERVILLE, Irvin H. Althouse.

REDDING, A. H. Ross.
REDWOOD CITY, R. A. Klassen.
RICHMOND, E. A. Hoffman.

SACRAMENTO, Fred J. Klaus.
SACRAMENTO CO., A. L. Kiefer.
SALINAS, Donald Davies.
SAN BRUNO, C. L. White.
SAN CARLOS, R. A. Klassen.
SAN FRANCISCO, R. G. Wadsworth.
SAN JOAQUIN CO., J. B. Manthey.
SAN JOSE, Harold J. Flannery.
SAN LEANDRO, Chas. P. Martin.
SAN MATEO, Harold Porter.
SAN MATEO CO., M. A. Grant.
SAN RAFAEL, Raymond A. Boege.
SANTA CLARA, Edgar C. Schott.
SANTA CLARA CO., R. D. Chandler.
SANTA CRUZ, Robert Jennings.
SANTA CRUZ CO., A. B. Baldwin.
SANTA ROSA, Walter F. Adams.
SHASTA COUNTY, Ernest Breuning
SEBASTOPOL, Walt Adams.
SISKIYIU COUNTY, A. F. Parrott.
SOLANO COUNTY, J. R. Burnham.
SONOMA CO., Marshall M. Wallace.
SONORA, B. H. Maynard.
SOUTH SAN FRANCISCO, Charles T. Broughton.
STANISLAUS CO., G. D. Macomber.
STOCKTON, Lyle Payton.
SUISUN, F. A. Steiger.
SUNNYVALE, H. N. Bishop.
SUSANVILLE, M. J. Tilley.
SUTTER CO., Edward Von Geldern.

TEHAMA CO., Chas. A. Luning.
TRACY, John S. Bates.
TULARE CO., T. Wayne Switzer.
TURLOCK, Don Davis.
TULARE, John Boardman.
VALLEJO, T. D. Kilkenney.

VISALIA, Norman A. Huth.

WOODLAND, Asa G. Proctor.

YOLO COUNTY, Henry Von Dorsten
YREKA, Howard O'Connor.

ADVANCE CONSTRUCTION REPORTS

ENGINEERING SECTION

(Continued from Page Five)

20-21—SOCIAL AND RECREATIONAL BLDGS.

3/1/46 21
PLANNED

HOLLYWOOD, Los Angeles Co., Calif.—Huber E. Smutz, Los Angeles zoning administrator, has granted Earl Carroll permission to build a new theater on Sunset Blvd. contiguous to De Longpre and El Centro Avenues, for the Radio City Realty Corp. The structure will seat 6000 people and will have a frontage of 204 feet on Sunset Blvd. with a depth of 585 feet.

Preliminary plans are being prepared by Architects Kaufmann, Lippencott & Eggers, 627 S. Carondelet St., Los Angeles.

3/1/46 26
PREPARING SKETCHES

SAN FERNANDO Valley, Los Angeles Co., Calif.—Scherer-Ayers and Associates, architects, 13,111 Ventura Blvd., North Hollywood, are preparing sketches for the development of a new community housing development on a 200-acre tract in the San Fernando Valley, for clients. The project will include a riding ring, clubhouse, store buildings and residences.

34—DAMS, RESERVOIRS & DREDGING

3/1/46 34
BIDS WANTED

BALMORHEA PROJECT, Texas.—Until March 27, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Amarillo, Texas, under Spec. 1186 for construction of earthwork and structures, Phantom Lake canal and inlet feeder canal, Balmorhea Project, Texas. The work is situated in the vicinity of Balmorhea, Texas.

The work involves:

Schedule No. 1—Phantom Lake Canal
(1) 8400 cu. yds. excavation, common, for canal;
(2) 200 cu. yds. excavation, rock, for canal;
(3) 200 sta. cu. yds. overhaul;
(4) 3300 cu. yds. excavation, common, for structures;
(5) 50 cu. yds. excavation, rock, for structures;
(6) 1000 cu. yds. compacting embankments;
(7) preparing 200 sq. yds. of rock foundations ftor concrete lining;
(8) trimming 19,000 sq. yds. earth foundations for concrete lining;
(9) 2000 cu. yds. backfill;
(10) 300 cu. yds. compacting backfill;
(11) 175 cu. yds. concrete in structures;
(12) 1640 cu. yds. concrete in canal lining;
(13) placing 105,000 lbs. reinforcement bars;
(14) 25 sq. yds. dry-rock paving;
(15) 160 cu. yds. rubble masonry;
(16) erecting 2 M ft. b.m. of timber in structures;
(17) laying 240 lin .ft. 15-in. diameter precast concrete pipe;
(18) laying 1360 lin. ft. 27-in. diameter precast concrete pipe;
(19) laying 132 lin. ft. 30-in. diameter precast concrete pipe;
(20) erecting 24 lin. ft. No. 84 metal flume;
(21) installing 2000 lbs. gates and miscellaneous metal work.

Schedule No. 2—Inlet Feeder Canal
(1) 11,500 cu. yds. of excavation for canal;
(2) 160 cu. yds. backfill;
(3) 80 cu. yds. compacting backfill;
(4) 600 cu. yds. compacting embankments;
(5) 22,000 sq. yds. preparing surface for concrete lining;
(6) 80 cu. yds concrete in structures;
(7) 1880 cu. yds. concrete in canal lining;
(8) placing 110,000 lbs. reinforcement bars;
(9) erecting 20 M ft. b.m. of timber in structures.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo.; W. R. Nelson, regional director, P. O. Box 1609, Oliver-Eakle Bldg., 6th and Polk Sts., Amarillo, Texas, and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the regional director.

Specifications obtainable by prospective bidders without charge; to others, $2, not returnable.

3/1/46 34
BIDS WANTED

ALTUS PROJECT, Oklahoma.—Until March 15, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Altus, Okla., under Spec. 1179 for the construction of earthwork and structures, station 1+00 to station 590+36, west canal, Altus Project, Oklahoma. The work is situated north and west of Blair, Okla.

The principal items of work and the estimated quantities involved are as follows:

(1) 200,000 cu. yds. excavation for canal;
(2) 125,000 sta. cu. yds. overhaul;
(3) 50,000 cu. yds. compacting embankments;
(4) 46,000 cu. yds. excavation for drainage channels and dikes;
(5) 17,000 cu. yds. excavation for structures;
(6) 12,000 cu. yds. backfill;
(7) 7500 cu. yds. compacting backfill;
(8) 2090 cu. yds. concrete in structures;
(9) placing 214,000 lbs. reinforcement bars;
(10) 1500 sq. yds. dry-rock paving;
(11) erecting 30 M ft. b.m. timber in structures;
(12) laying 48 lin. ft. 18-in. diameter concrete pipe;
(13) laying 264 lin. ft. 24-in. diameter concrete pipe;
(14) laying 108 lin. ft 30-in. diameter concrete pipe;
(15) laying 84 lin, ft. 48-in. diameter concrete pipe;
(16) placing 2100 lbs. metal water stops in joints;
(17) installing 14,000 lbs. of gates;
(18) installing 4500 lbs. miscellaneous metal work.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Ceclamation: Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo.; W. R. Nelson, regional director, P. O. Box 1609, Oliver-Eakle Bldg., 6th and Polk Sts., Amarillo, Texas; H. E. Robbins, construction engineer, Altus, Okla., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the construction engineer.

No charge for specifications to prospective bidders; to others, $2.50, not returnable.

3/1/46 • 34
BIDS WANTED

ALTUS PROJECT, Oklahoma.—Until April 3, 10 A M., bids will be received by the U. S. Bureau of Reclamation, Altus, Okla., under Spec. 1182 for the construction of earthwork and structures, west canal laterals W-6.2 to W-11.5 and sublaterals, Blair laterals and sublaterals, Altus Project, Oklahoma. The work is situated in the vicinity of Blair, Okla.

The principal items of work and the estimated quantities involved are as follows:

Schedule No. 1
West Canal Laterals and Sublaterals, W-6.2, 7.4, 8.4, 9.5 and 10.6
(1) 60,000 cu. yds. excavation for laterals;
(2) 30,000 sta. cu. yds. overhaul;
(3) 3500 cu. yds. compacting embankments;
(4) 1000 cu. yds. of excavation for drainage channels and dikes;
(5) 7000 cu. yds. of excavation for structures;
(6) 6500 cu. yds. backfill;
(7) 4000 cu. yds. compacting backfill;
(8) 600 cu. yds. concrete in structures;
(9) placing 48,000 lbs. reinforcement bars;
(10) 600 sq. yds. dry-rock paving;
(11) erecting 12 M ft. b.m. timber in structures;
(12) laying 188 lin. ft. 18-in. diameter concrete pipe;
(13) laying 892 lin. ft. 24-in. diameter concrete pipe;
(14) laying 356 lin. ft. 30-in. diameter concrete pipe;
(15) laying 56 lin. ft. 36-in. diameter concrete pipe;
(16) laying 192 lin. ft. 42-in. diameter concrete pipe;
(17) laying 116 lin. ft. 48-in. diameter concrete pipe;
(18) placing 400 lbs. metal water stop in joints;
(19) installing 13,000 lbs. of gates;
(20) installing 2000 lbs. miscellaneous metal work.

Schedule No. 2
West 11.3 Laterals and Sublaterals
(1) 51,000 cu. yds. excavation for laterals;
(2) 25,000 sta. cu. yds. overhaul;
(3) 3500 cu. yds. compacting embankments;
(4) 750 cu. yds. of excavation for drainage channels and dikes;
(5) 3200 cu. yds. of excavation for structures;
(6) 3000 cu. yds. backfill;
(7) 1800 cu. yds. compacting backfill;
(8) 425 cu. yds. concrete in structures;
(9) placing 29,000 lbs. reinforcement bars;
(10) 400 sq. yds. dry-rock paving;
(11) erecting 9 M ft. b.m. timber in structures;
(12) laying 268 lin. ft. 18-in. diameter concrete pipe;
(13) laying 836 lin. ft. 24-in. diameter concrete pipe;
(14) laying 204 lin. ft. 30-in. diameter concrete pipe;
(15) laying 290 lin. ft. 36-in. diameter concrete pipe;
(16) laying 60 lin. ft. 42-in. diameter concrete pipe;
(17) installing 17,300 lbs. of gates;
(18) installing 2100 lbs. miscellaneous metal work.

Schedule No. 3
West 11.5 Laterals and Sublaterals
(1) 55,000 cu. yds. excavation for laterals;
(2) 30,000 sta. cu. yds. overhaul;
(3) 2000 cu. yds. compacting embankments;
(4) 3000 cu. yds. of excavation for drainage channels and dikes;
(5) 6000 cu. yds. of excavation for structures;
(6) 5000 cu. yds. backfill;
(7) 3000 cu. yds. compacting backfill;
(8) 470 cu. yds. concrete in structures;
(9) placing 34,000 lbs. reinforcement bars;
(10) 600 sq. yds. dry-rock paving;
(11) erecting 5 M ft. b.m. of timber in structures;
(12) laying 160 lin. ft. 18-in. diameter concrete pipe;
(13) laying 428 lin. ft. 24-in. diameter concrete pipe;
(14) laying 288 lin. ft 30-in. diameter concrete pipe;
(15) laying 100 lin. ft. 36-in. diameter concrete pipe;
(16) laying 420 lin. ft. 42-in. diameter concrete pipe;
(17) placing 350 lbs. metal water stop in joints;
(18) installing 13,500 lbs. of gates;
(19) installing 1600 lbs. miscellaneous metal work.

Schedule No. 4
Blair Laterals and Sublaterals
(1) 94,000 cu. yds. excavation for laterals;
(2) 65,000 sta. cu. yds. overhaul;
(3) 3000 cu. yds. compacting embankments;
(4) 8000 cu. yds. of excavation for drainage channels and dikes;
(5) 10,000 cu. yds. of excavation for structures;
(6) 9000 cu. yds. backfill;
(7) 5000 cu. yds. compacting backfill;
(8) 975 cu. yds. concrete in structures;
(9) placing 77,000 lbs. reinforcement bars;
(10) 1000 sq. yds. dry-rock paving;
(11) erecting 17 M ft. b.m. timber in structures;
(12) laying 436 lin .ft. 18-in. diameter concrete pipe;
(13) laying 1372 lin. ft 24-in. diameter concrete pipe;
(14) laying 492 lin. ft. 30-in. diameter concrete pipe;
(15) laying 160 lin. ft. 36-in. diameter concrete pipe;
(16) laying 180 lin. ft. 42-in. diameter concrete pipe;
(17) layign 196 lin. ft. 48-in. diameter concrete pipe;
(18) placing 600 lbs. metal water stop in joints;
(19) installing 22,000 lbs. of gates;
(20) installing 3300 lbs miscellaneous metal work.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo.; W. R. Nelson, regional director, P. O. Box 1609, Oliver-Eakle Bldg., 6th and Polk Sts., Amarillo, Texas; H. E. Robbins, construction engineer, Altus, Okla., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the construction engineer. No charge to prospective bidders; to others, $2.50, not returnable.

3/1/46 34
BIDS WANTED

DAVIS DAM, Arizona-Nev.—Until March 29, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1205 for furnishing and delivering fob cars at the shipping point or fob cars at Louise, Ariz., three gate frames and anchorages for the 50x 50-ft. spillway regulating gates for Davis Dam, Davis Dam Project, Arizona-Nevada. The gate frames and anchorages will be installed by the Government. No charge for copies of the specifications to prospective bona fide bidders; to others, $1.00, not returnable. For particulars, address the Bureau of Reclamation, Denver.

3/1/46 • 34
BIDS OPENED

LONG BEACH, Los Angeles Co., Calif—Standard Dredging Corp., 800 Central Bldg., Los Angeles, submitted the low bid and awarded contract by the Board of Harbor Commissioners of the City of Long Beach, office of E. J. Amar, port manager, 1333 El Embarcadero, Long Beach, February 19, at (1) $.95 per cu. yd., total $76,000, and (2) at $100, for the dredging at channel No. 3, slip No. 5, entrance channel and adjacent to Pier D, Long Beach Harbor.

(1) dredging, transporting and dumping approximately 80,000 cu. yds. of material;
(2) rental of clamshell dredge, completely equipped and manned, unit price per hour.

The bids submitted were:

Standard Dredging Corp., (1) $.95, total $76,000; (2) $100.

Case Construction Co., (1) $.98, total $78,400.

Guy F. Atkinson, (1) $1.35, total $108,000; (2) $55.

35— DOCKS, PIERS & HARBORS

3/1/46 35
PROSPECTIVE BIDDERS

LOS ANGELES, Calif.—Following contractors have taken out plans for construction of Los Angeles River Improvements, North Broadway to Alhambra Ave., river mile 23.5 to river mile 22.9, Los Angeles, for which bids will be opened March 13, 1 P. M., by the U. S. District Engineer Office, 751 S. Figueroa St., Los Angeles, under Spec. 148:

W. E. Kier Constr. Co., 1462 North Stanley Ave., Los Angeles.

Peter Kiewit Sons Co., 650 South Grand, Room 505, Los Angeles.

Winston Bros. Co., 411 W Fifth St., Room 1216, Los Angeles.

Guy F. Atkinson Co., 1103 Heartwell Bldg., Long Beach.

E. B. Bishop, Box 325, Orland.

Bressi & Bevanda Constructors, Inc., 417 S. Hill St., Los Angeles.

Case Constr. Co., Box 6, Berth 109, San Pedro.

Grafe - Callahan Constr. Co. and Gunther & Shirley Co., 714 W Olympic, Los Angeles.

United Concrete Pipe Corp., Box 1, Station H, Los Angeles.

Morrison - Knudsen Co., 810 Title Guarantee Bldg., Los Angeles.

J. F. Shea Co., Inc., 617 S. Olive St., Los Angeles.

Macco Constr. Co., 815 N. Paramount Blvd., Clearwater.

Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles.

J. E. Haddock, Ltd., 3538 E. Foothill Blvd., Pasadena.

Frank T. Hickey, Inc., and Spencer Webb, 1645 Allesandro St., Los Angeles.

Clyde W. Wood, Inc., 6900 Tujunga Ave., North Hollywood.

Chas. T. Brown Co., 1955 6th St., San Fernando.

E. W. Elliott Constr. Co., 905 Market St., Hewes Bldg., San Francisco.

Mark C. Walker & Son, 412 First National Bank Bldg., Santa Ana.

3/1/46 35
PROSPECTIVE BIDDERS

LOS ANGELES, Calif.—Following contractors have taken out plans for construction of Los Angeles River Improvements, Aliso Street to Alhambra Ave., river mile 22.2 to river mile 22.9; Serial 149, for which bids will be opened March 18 at 1 P. M. by the U. S. District Engineer Office, 751 S. Figueroa St., Los Angeles, under Spec. 149:

W. E. Kier Constr. Co., 1462 North Stanley Ave., Los Angeles.

Peter Kiewit Sons Co., 650 South Grand, Room 505, Los Angeles.

Winston Bros. Co., 411 W Fifth St., Room 1216, Los Angeles.

Guy F. Atkinson Co., 1103 Heartwell Bldg., Long Beach.

E. B. Bishop, Box 325, Orland.

Bressi & Bevanda Constructors, Inc., 417 S. Hill St., Los Angeles.

Case Constr. Co., Box 6, Berth 109, San Pedro.

Grafe - Callahan Constr. Co. and Gunther & Shirley Co., 714 W Olympic, Los Angeles.

Morrison - Knudsen Co., 810 Title Guarantee Bldg., Los Angeles.

J. F. Shea Co., Inc., 617 S. Olive St., Los Angeles.

United Concrete Pipe Corp., Box 1, Station H, Los Angeles.

Macco Constr. Co., 815 N. Paramount Blvd., Clearwater.

Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles.

J. E. Haddock, Ltd., 3538 E. Foothill Blvd., Pasadena.

Frank T. Hickey, Inc., and Spencer Webb, 1645 Allesandro St., Los Angeles.

Clyde W. Wood, Inc., 6900 Tujunga Ave., North Hollywood.

Chas. T. Brown Co., 1955 6th St., San Fernando.

E. W. Elliott Constr. Co., 905 Market St., Hewes Bldg., San Francisco.

Mark C. Walker & Son, 412 First National Bank Bldg., Santa Ana.

3/1/46 • 35
CONTRACT AWARDED

SOLANO COUNTY, Calif.—Colberg Boat Works, 41 E. Weber St., Stockton, at $5452.50, awarded contract by state director of public works, Sacramento, for repairing an existing ferry moored on the Sacramento River about 0.5 mile upstream from Rio Vista, Solano County (X-100-A).

38— ELECTRIC LIGHTING TRANSMISSION LINES

3/1/46 38
BIDS WANTED

MISSOURI BASIN PROJ., Wyo.—Until March 29, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Denver, under Spec. 1200 for the construction of the transmission lines and distribution system for the Boysen Unit, Wyo., Missouri Basin Project, as follows:

(a) Approximately 12 miles of 34.5-kv. transmission line from a tap connecting to the existing 34.5-kv Pilot Butte-Thermopolis transmission line to the proposed construction substation at the Boysen dam site.

(b) Approximately 1½ miles of 2,300 volt line from the construction substation at the Boysen dam site to the proposed Boysen Government camp.

(c) The distribution system for the proposed Boysen Govt. camp.

The 34.5-kv transmission line will be connected to the existing Pilot Butte-Thermopolis transmission line at a point in T. 5N., R4E., Fremont Co., Wyo., and will extend in an easterly direction for approximately 12 miles to Boysen dam site, where it will terminate at the proposed construction substation. The 34.5-kv transmission line will be a three-phase, single circuit, 60 cycle, single wood pole transmission line of triangular configuration, using pin-type insulators. The conductors will be No. 1/0 AWG aluminum cable, steel reinforced, or No. 2 AWG, 3-wire, copper conductor, or No. 2 copper equivalent, type 2A, three-wire copper-copperweld conductors. Two disconnecting switches will be installed in Pilot Butte- Thermopolis line, one on each side of the tap, and fuses will be installed in the tap line. The 2,300 volt line from the proposed construction substation at the Boysen dam site to the Boysen Govt. camp will be a three phase, single circuit, 60 cycle, single wood pole line with pin type insulators. The conductors will be No. 2/0 AWG bare copper conductor. The Boysen Government camp distribution system will be of wood pole construction, and the work will include setting of poles, installation of guys, installation of cross arms and insulators, stringing conductors for primary, secondary, and street lighting circuits, installation of distribution transformers on poles, installation of street lighting fixtures, and the installation of service drops to the residences. The conductors for the distribution circuits will be No. 2 AWG and No. 4 AWG weatherproof copper. The work is situated near Shoshone, Wyo.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, Chief Engineer, U. S. Customhouse, Denver 2, Colo.; H. D. Comstock, Regional Director, P. O. Box 2130, Billings, Mont.; Paul H. Berg, Engineer, P. O. Box 658, 301 Federal Bldg., Cheyenne, Wyo., and Michael W. Straus, Commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the Engineer.

No charge for specifications to prospective bidders; to others, $1.25, not returnable.

39—SEWERS

3/1/46 • 39
BIDS POSTPONED

FORT LYON, Colo.—Until March 12, 10 A. M. (bid opening date postponed from March 6), bids will be received by the U. S. District Engineer Office, Albuquerque District, P. O. Box 509, Las Animas, Colo., to be opened at the court room, Bent County Courthouse, Las Animas, Colo., for the construction of the Fort Lyon protective works, near Las Animas, Bent County, Colo.; Serial 46-31.

3/1/46 • 38
BIDS WANTED

WESTBY, Mont.—Until March 20, 10 A. M., bids will be received by Consulting Engineer Toivo Karkainen, Montana State Conservation Board, 233 Armory Bldg., Helena, Mont., for construction of 334 miles of electric transmission line in Sheridan and Roosevelt counties, Montana, and Divide County, North Dakota.

Specifications obtainable from the above office.

3/1/46 • 38
BIDS WANTED

LODGE GRASS, Mont.—Until Mar. 13 bids will be received by the Big Horn County Electric Cooperative, Inc., Lodge Grass, Mont., for approximately 136.7 miles REA project, located in Big Horn County, Montana, and Sheridan County, Wyoming.

Specifications obtainable from the State Water Conservation Board, Tovio Karkainen, engineer, Helena, Mont., upon deposit of $25.

Machinery & Material

42— MISC. SUPPLIES AND MATERIALS

3/1/46 42
BIDS WANTED

MISSOURI BASIN PROJ., Wyo.—Until March 27, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, under Spec. 1202 for furnishing and delivering fob cars at the shipping point or fob cars at Casper, Wyo., the following electrical equipment for the Kortes Construction Substation, Kortes Unit, Wyo., Missouri Basin Project: three (3) 500-kva, 66,000 delta-to 2,400/7,200/14,400 delta volt, single phase, 60 cycle, oil immersed self cooled, outdoor type transformers; one (1) 7,500 volt, 400 ampere, three-pole, single throw, outdoor type power circuit breaker; one (1) 69,000 volt 600 ampere, three pole, single throw, manually gang operated, outdoor-type disconnecting switch; three (3) 69,000 volt, 200 ampere, single pole, hook operated, outdoor type, expulsion fuse disconnecting switches; two (2) 5,000 volt insulated ,400- to 5-ampere, single phase, 60 cycle, dry or compound insulated, outdoor type current transformers; and two (2) 5,000 volt insulated, 2,400- to 120-volt single phase, 60 cycle, dry or compound insulated, outdoor type potential transformers. The equipment will be installed by the Government.

No charge for copies of the specifications to prospective bona fide bidders; to others, $1.50, not returnable. For particulars, address the Bureau of Reclamation, Denver.

3/1/46 42
BIDS WANTED

MISSOURI BASIN PROJ., Wyo.—Until March 25, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, under Spec. 1199 for furnishing and delivering fob cars at the shipping point or fob cars at Emery Siding, Wyo., or Shoshone, Wyo., the following electrical equipment for the Boysen Construction Substation, Boysen Unit, Wyo., Missouri Basin Project:

Three (3) 7,500 volt, 400 ampere, three pole, single throw, outdoor-type power circuit breakers, manual closing, automatic trip; one (1) 34,500 volt, 400 ampere, three pole, single throw, manually gang operated, outdoor type disconnecting switch, with manually gang operated grounding blades; three (3) 34,500 volt, 200 ampere, single pole hook-operated, outdoor type, expulsion fuse disconnecting switches complete with fuse units; three (3) 7,500 volt, 400 ompere, three pole, single throw, manually gang operated, outdoor-type disconnecting switches; eighteen (18) 7,500 volt, 400 ampere, single pole, single throw, hook operated, outdoor type disconnecting switches; three (3) single pole, thyrite or autovalve, outdoor, distribution type lightning arresters for 34,500 volt, three phase, ungrounded neutral circuit; three (3) single pole, thyrite or autovalve, outdoor, distribution-type lightning arresters for 2,400 volt three phase, ungrounded neutral circuit; six (6) 5,000 volt insulated, 200-to 5-ampere, 60 cycle dry type outdoor current transformers; two (2) 5,000 volt insulated, 2,400 to 120 volt, 60 cycle, dry- or compound-filled, outdoor type potential transformers; and three (3) two element, three-phase, three wire, watt hour, indicating demand meters ,with 30 minute interval, in weatherproof case, socket type, complete with sockets and test jacks. The equipment will be installed by the Government.

No charge for copies of the specifications to prospective bona fide bidders; to others $1.25, not returnable. For particulars, address the Bureau of Reclamation, Denver.

3/1/46 • 42
BIDS WANTED

RIO GRANDE PROJECT, New Mexico.—Until March 29, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1198 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Engle, Alamogordo, Tularosa or Socorro, N. M., as indicated in the specifications, the following electrical equipment for the Elephant Butter power plant and the Alamogordo, Hollywood and Socorro substations, Rio Grande Project, New Mexico: four (4) 667/517/233-kv-a., 115,000 delta- to 34,500 delta-/7200/12,470 Y-volt, 3-winding, single-phase, 60-cycle, oil-immersed, self-cooled, outdoor type transformers, each with one single-pole lightning arrester for 34,500-volt, 3-phase, ungrounded-neutral circuit, and one single-pole lightning arrester for 12,470-volt, 3-phase, grounded-neutral circuit mounted on the case; four (4) 500-/200-/400-kv.-a., 115,000 delta- to 34,500 delta-/7200/12,470 Y-volt, 3-winding, single-phase, 60-cycle, oil-immersed, self-cooled, outdoor type transformers, each with one single-pole lightning arrester for 34,500-volt, 3-phase, ungrounded-neutral circuit, and one single-pole lightning arrester for 12,470-volt, 3-phase, grounded-neutral circuit mounted on the case; one (1) 15-kv.-a., 33,000- to 120/240-volt, single-phase, 60-cycle, oil-immersed, self-cooled, outdoor, distribution type transformer with four 2½ per cent taps below rated voltage and with two cover bushings, complete, in accordance with Federal specification W-T-631, except for 33,000-volt primary; two (2) 10-kv.-a., 7200 to 120/240-volt, single-phase, 60-cycle, oil-immersed, self-cooled, outdoor, distribution type transformers, with standard taps and with two cover bushings, complete, in accordance with Federal specification W-T-631; one (1) 90/180-ampere, single-phase, oil-immersed, self-cooled, outdoor type Petersen coil; two (2) 8000-kv.-a. (approximate) 115,000-volt, 3-phase, oil-immersed, outdoor type, iron-core shunt reactors; one (1) 115,000-volt, 800-ampere, 3-pole, single-throw, outdoor type oil circuit breaker with automatic reclosing mechanism; five (5) 34,500-volt, 600-ampere, 3-pole, single-throw, outdoor type, automatic power circuit breakers; two (2) 15,000-volt, 3-pole, single-throw, outdoor type, automatic power circuit breakers; four (4) 115,000-volt, 600-ampere, 3-pole, single-throw, manually-gang operated, horizontal mounting, outdoor type disconnecting switches with manually-gang operated grounding blades; five (5) 34,500-volt, 400-ampere, 3-pole, single - throw, manually - gang operated, horizontal mounting, outdoor type disconnecting switches with manually-gang operated grounding blades; two (2) 15,000-volt, 400-ampere, 3-pole, single-throw, manually-gang operated, horizontal mounting, outdoor type disconnecting switches with manuallygang operated grounding blades; six (6) 115,000-volt, 600-ampere, single - pole, single - throw, hook - operated, vertical mounting, outdoor type disconnecting switches; thirty (30) 34,500-volt, 400-ampere, single-pole, single-throw, hook-operated, vertical mounting, outdoor type disconnecting switches; twelve (12) 15,000-volt, 400-ampere, single-pole, single-throw, hook-operated, vertical mounting, outdoor type disconnecting switches; fifteen (15) 115,000-volt, 200-ampere, single-pole, hook operated, vertical mounting, outdoor type, expulsion-fuse disconnecting switches with eighteen (18) 50E fuse units, nine (9) 20E fuse units, nine (9) 15E fuse units, and nine (9) 10E fuse units; two (2) 34,500-volt, 200-ampere, single-pole, hook-operated, vertical mounting, outdoor type, expulsion-fuse disconnecting switches with six (6) 2E fuse units; two (2) 7500/12,470-volt, grounded wye, 50-ampere, single - pole, hook - operated, angle - mounting, outdoor, enclosed, indicating type fuse cutouts, with fuse holders, hangers and twelve (12) 5-ampere fuse links; four (4) 34,500-volt-insulated 30/60- to 5-ampere, double primary, single - phase, 60 - cycle, oil - immersed, self-cooled, outdoor type current transformers; four (4) 34,500-volt-insulated, 20/40- to 5-ampere, double - primary, single - phase, 60 - cycle, oil-immersed, self-cooled, outdoor type current transformers; two (2) 34,500-volt-insulated, 10/20- to 5-ampere, double-primary, single-phase, 60-cycle, oil-immersed, self-cooled, outdoor type current transformers; three (3) 15,000-volt-insulated 40- to 5 - ampere, single - phase, 60 - cycle, compound-filled, outdoor type current transformers; three (3) 15,000-volt-insulated 50- to 5-ampere, single-phase, 60-cycle, compound-filled, outdoor type current transformers; six (6) 34,500-volt-insulated, 34,500- to 115-volt, single-phase, 60-cycle, oil-immersed, self-cooled, outdoor type potential transformers; six (6) 15,000-volt-insulated, 7200- to 120-volt, single-phase, 60-cycle, oil-immersed, self-cooled, outdoor type potential transformers; two (2) 2-element, 3-phase, 3-wire, watt-hour recording demand meters, four (4) induction-type, overcurrent relays and associated test devices, fuses and terminal blocks, mounted in a weatherproof cabinet; one (1) 3-element, 3-phase, 4-wire, watt-hour meter with contact device, one (1) 2-element, 3-phase, 3-wire, watt-hour meter with contact device, one (1) 2-element, 3-phase, 3-wire, watt-hour recording demand meter, one (1) totalizing, recording demand meter, seven (7) induction type, overcurrent relays and associated test devices, fuses and terminal blocks, mounted in a weatherproof cabinet; one (1) 3-element, 3-phase, 4-wire, watt-hour recording demand meter, one (1) 2-element, 3-phase, 3-wire, watt-hour recording demand meter, five (5) induction type overcurrent relays and associated test devices, fuses and terminal blocks, mounted in a weatherproof cabinet, and nine (9) single-pole, thyrite or autovalve, outdoor, station type lightning arresters, designed for base mounting and suitable for service on 115,000-volt, 3-phase, ungrounded neutral circuits. The equipment will be installed by the Government. No charge for copies of the specifications to prospective bona fide bidders; to others, $2.25, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colo.

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BIDS WANTED

SOCORRO, N. M.—Until March 12, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver 2, Colo., under Inv. C-8566-A for 17,000 suspension type, high-voltage insulators, f.o.b. shipping point and/or Socorro, N. M.; Elephant Butte-Socorro transmission line.

Specifications obtainable from the above office.

43— MACHINERY AND EQUIPMENT

3/1/46 43
BIDS WANTED

MISSOURI BASIN PROJ., Wyo.—Until April 14, 2 P. M., bids will be received at the office of the Bureau of Reclamation, Denver, Colo., for furnishing and delivering fob cars at the shipping point or fob cars at Thermopolis, Wyo., at the option of the bidder, four motor-driven pumping units for installation in the Lucerne Pumping Plant, and one motor-driven pumping unit for installation in the Lucerne Relift Pumping Plant, Owl Creek Unit, Missouri Basin Project, Wyo.; Spec. 1209.

The pumping units will be installed by the government. The specifications contain a provision for liquidated damages for delay. No charge for copies of the specifications to prospective bona fide bidders; to others, $1.25, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colo.

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COMPLETE BIDS

DENVER, Colo. — The following submitted bids to the Bureau of Reclamation, Denver, Colo., under Bid No. 1146 for furnishing and delivering one 12x12-ft. bulkhead gate for installation at the inlet end of any one of the outlet conduits at Grand Coulee Dam, Columbia Basin Project, Washington, f.o.b. shipping point and/or Odair, Wash.:

Schmitt Steel Co., Portland, (1) $8650, 40,000 lbs., f.o.b. Portland; ½%. 10 days.

Consolidated Steel Corp., Los Angeles, (1) $8190, 44,500 lbs.; (2) $6970, 38,000 lbs., f.o.b. Los Angeles; net.

Watertown Arsenal, Watertown, Mass., (2) $7320.50, 31,000 lbs., f.o.b. Watertown; net.

American Bridge Co., Denver, (1) $7418, 41,500 lbs.; f.o.b. Gary, Ind.; net.

Omaha Steel Works, Omaha, (1) $9500, 41,085 lbs.; f.o.b. Omaha; net.

Pacific Car & Foundry, Renton, Wash., (1) $7305, 43,600 lbs.; (2) $7225, 38,500 lbs.; f.o.b. Renton; net.

--Material Prices--

Following prices are obtained from responsible sources and are believed to be correct, but cannot be guaranteed. In each case quotations are for delivery on the job in San Francisco, except as otherwise noted.

PAPERS AND FELTS

SHEATHING PAPERS	
Asphalt sheathing, 15-lb. roll	$2.35
Asphalt sheathing, 30-lb. roll	2.60
Dampcourse, 216-ft. roll	2.35
Blue plaster board, 250-ft. roll, 500-ft. roll, 60-lb.	4.40
FELT PAPERS	
Deadening felt, ¾-lb., 5-ft. roll	$2.80
Deadening felt, 1-lb.	3.50
Deadening felt, 1½-lb.	4.20
Asphalt roofing, 15 lbs.	1.75
Asphalt roofing, 30 lbs.	2.60
Rosin, sized, 20 lbs.	1.30
Rosin, sized, 25 lbs.	1.70
Rosin, sized, 30 lbs.	1.95
Rosin, sized, 40 lbs.	2.70
ROOFING PAPER	
Standard Grade, 108-foot roll:	
Light	$1.80
Medium	2.15
Heavy	2.40
Competitive Grade, 108-ft. roll:	
Light	1.15
Medium	1.40
Heavy	1.65
Extra Heavy	1.90

MILLWORK

INTERIOR FINISH	B&B o.p.	Up to 20' 0" cl. rwd.
1x4, 6 and 8	$120.00	$120.00
1x5, 10 and 12	120.00	120.00
1x14, and 16	160.00	160.00
1x8 & up, glued up	170.00	170.00
Plain S4S stock & Pulley Stiles		116.00
¼x1½		140.00
For straight "A" Grade O. P., add		12.00
For vertical grain, add		12.00
2-inch B and better finish		140.00
Over 12 inches wide, add (for each additional 2 inches)		10.00
For rough, deduct		5.00
Battens, 5/16x3 or 4		110.00
Drawer bottom, 5/16 T&G		60.00
Mouldings, O. P. and Redwood		1.20
Grounds, O. P. or Redwood		.80
Set up charges (min.) per ea.		2.25
Stock window frames		4.50
Stock fir doors (Colonial)		4.75

LUMBER

DOUGLAS FIR	No. 1	No. 2	No. 3
Common, 2-in. thick	$55	$53	$45
" 1-in. x 6- & 8-in.	64	62	54
" 1-in. x 10-in.	62	60	53
" 1-in. x 12-in.	65	63	55

REDWOOD	
No. 1 Heart Common, 2-in.	$75.00
1-in. x 6-in.	86.00
No. 2 Heart Common, 2x6-in.	65.00
1-in. x 6-in.	59.00

Due to excessive demand by Armed Forces for 1-inch boards, the mills have been given increases temporarily.

FIR FLOORING	No. 2	No. 3
C1, V. G., 1x4	$105.00	$98.00
1x6	115.00	105.00
C1, S. G., 1x4	93.00	80.00
1x6	91.00	88.00
FIR CEILING		
C1, S. G., 1x4	82.00	79.00
1x6	90.00	87.00
REDWOOD RUSTIC	(A)	(B)
1x 8	105.00	100.00
1x10	125.00	110.00
SHINGLES	Rdw. No. 1	Cedar No. 1
barrels per sq.	$6.75	$6.75
LATH, No. 1		$19.00 per M

BRICK

Common	$21.00
Face	$45.00 to 60.00
Firebrick	70.00
Paving (Sta.)	45.00

(plus cartage on small job carlots f.o.b. job)

GLASS

	per sq. ft.
Window glass (double strength)	$ .28
Window glass (single strength)	.28
Wire polished plate	1.40
⅛-inch moss or rough	.22
⅛-inch maze or Florentine	.27
¼-inch wire ribbed	.36
¼-inch wire rough	.34

HOLLOW TILE

12x12x2 inches	$ 94.75 per M.
12x12x3 inches	96.00 per M.
12x12x4 inches	108.00 per M.
12x12x6 inches	144.00 per M.

(In lots of 15 tons or over)

REINFORCING STEEL

Less than 2,000 lbs., per cwt. (plus $2.00 per order)	$3.30
2,000 to 9,999 lbs., per cwt.	3.25
10,000 to 12,499 lbs., per cwt.	3.15
12,500 to 39,999 lbs., per cwt. (+ $12.50 switching charges)	3.05
40,000 to 49,999 lbs., per cwt. (+ $12.50 switching charges)	2.80
50,000 lbs. and over, per cwt.	2.82½

Prices f.o.b. warehouse or cars.
Add 10c per cwt. for delivery.

WALLBOARD & PLYWOOD

DOUGLAS FIR PLYWOOD	
Standard Panels—Sound Two Sides Up to 36 inches long (Prices are per 1,000 sq. ft.)	
¼-inch up to 48 inches wide	$59.40
⅜-inch up to 48 inches wide	78.50
½-inch up to 48 inches wide	105.30
⅝-inch up to 48 inches wide	124.10
¾-inch up to 48 inches wide	140.65
WATERPROOF PANELS	
Sound Two Sides—Up to 96-in. long	
¼-inch up to 48 inches wide	$80.90
⅜-inch up to 48 inches wide	102.35
½-inch up to 48 inches wide	147.20
⅝-inch up to 48 inches wide	173.30
¾-inch up to 48 inches wide	208.00
⅞-inch up to 48 inches wide	254.10
1-inch up to 48 inches wide	285.36
1⅛-inch up to 48 inches wide	318.35
SHEATHING ROUGH	
5/16-inch	$47.35
⅜-inch	56.10
½-inch	74.00
⅝-inch	91.50
CONCRETE FORM PANELS (Made with highly water-resistant glue, and oil treated)	
⅝x48x96-inch	$146.00

(NOTE: Under present controls, D. F. plywood may be sold to the trade under AA-1, AA-2 and AA-2X priorities.)

CEMENT

(In paper sacks)	$0.90 per sack
White cement	2.85 per sack
Keene cement	1.95 per sack
Lime	2.80 per bbl.
CONCRETE AGGREGATES (Delivered to job)	
River sand	$2.15 per ton
Sand, gravel and rock	2.10 per ton
Roofing gravel	2.25 per ton
(At bunkers)	
River sand	$1.70 per ton
Sand, gravel and rock	1.65 per ton
Roofing gravel	1.80 per ton
READY-MIXED CONCRETE	
1.6 mix to 10 yards	$8.55
10 to 100 cubic yards	7.55
Over 100 cubic yards	7.05

Plus Sales Tax; 2% cash discount.

HARDWARE

Nails, per keg, base	$3.95
Nails, 25 to 50 lb. lots	.07
Nails, less than 25 lbs.	.08
Spikes, 8-inch and over, base	4.65
Heavy bevel steel lock sets	1.00
Butts, dull brass plated on steel, 3½x3½	.35
Sash cord, good common grade, per 100 feet, No. 7	1.35
Sash weights, 1-ton lots	75.00
Less than 1-ton lots	96.00

OAK FLOORING

1x3-inch T. & G., fin. 25/32 x 2¼-inch	White Per M. ft.	Red
Clear quartered	$188.75	$164.25
Select quartered	156.25	157.75
Clear plain	159.50	159.50
Select plain	153.00	153.00
No. 1 Common plain	144.55	144.75
½x2½-inch T. & G., fin. 2-inch face		
Clear quartered	157.50	152.50
Select quartered	135.00	136.50
Clear plain	138.25	138.25
Select plain	131.75	130.00
No. 1 Common plain	123.75	123.75
⅜x2½-inch T. & G., fin. 2-inch face		
Clear quartered	139.50	131.50
Select quartered	108.75	112.00
Clean plain	117.00	117.00
Select plain	100.75	102.25
No. 1 Common plain	94.25	94.25
5/16x2-inch Square Edge		
Clear quartered	158.00	140.25
No. 1 Common plain	114.50	114.50
Select quartered	127.25	127.25
Clear plain	133.75	132.25
Select plain	125.75	125.75

MAPLE FLOORING

1x3-inch T. & G., fin. 25/32 x 2¼-inch	
Selected white	$174.50 per M. ft.
First grade	160.00 per M. ft.
Second grade	153.00 per M. ft.
Third grade	130.75 per M. ft.
1x4-inch T. & G., fin. 25/32 x 3¼-inch	
First grade	158.00 per M. ft.
Second grade	151.50 per M. ft.
1¼-in. x 3-in. T. & G., fin. 33/32x2¼"	
First grade	168.50 per M. ft.
Second grade	161.25 per M. ft.
⅜x2½-inch T. & G., fin., 2-inch face	
First grade	125.00 per M. ft.
Second grade	109.75 per M. ft.
1x4-in. Square Edge, fin., 25/32x3½"	
Second grade & better	160.25 per M. ft.
Third grade	134.25 per M. ft.

BUILDING TILE

8x5½x12 inches	$108.00 per M.
6x5½x12 inches	84.00 per M.
4x5½x12 inches	60.00 per M.

PAINTS AND OILS

LINSEED OIL, Strictly Pure (basis 7¾ lbs. per gallon).	Raw	Boiled
Light Iron Drums, per gallon	$1.38	$1.41
5-gallon Cans, per gallon	1.48	1.51
1-gallon Cans, each	1.58	1.61
Quart Cans, each	.45	.46
Pint Cans, each	.25	.26
Half-Pint Cans, each	.15	.15

NOTE: Drums invoiced at $6.00; returnable.
Five-gallon steel containers $1.00, returnable.

TURPENTINE (basis 7 lbs. per gal.)	Pure Gum Spirits	Steam Distilled
Light Iron Drums, per gallon	$1.15	$1.05
5-gallon Cans, per gallon	1.28	1.18
1-gallon Cans, each	1.38	1.28
Quart Cans, each	.40	.37
Pint Cans, each	.23	.21
Half-Pint Cans, each	.13	—

NOTE: Drums invoiced at $6.00; returnable.

WHITE LEAD IN OIL (heavy, soft paste and all-purpose) 500-lb. lot at one purchase, in 100-lb. kegs	$0.12¾ per lb.
PAINTERS and INDUSTRIALS	
Less than 500 lbs. in 100-lb. kegs	0.12¾ per lb.
List price	0.13¾ per lb.

RED LEAD IN OIL, 1c per lb. high er.

Building Permits, Contracts---Recorded Notices

BUILDING PERMIT Applications

SAN FRANCISCO

ADMIN BLDG, Class C, No 4, $250,000; SE Barneveld and Apparel; owner, Apparel City Corp, 369 Pine St; contractor, Haas Constr Co, 1104 Merchants Exchange Bldg; architects, Ward & Bowles.

SALES, Class C commercial, $200,000; N Industrial 120 W Barneveld; owner, Apparel City, Inc, Rialto Bldg; contractor, Barrett and Hilp, 918 Harrison St.

SALES bldg, No 1, Class C commercial, $185,800; SE Oakdale and Barneveld; owner, Apparel City Corp, 369 Pine St; contractor, Hass Constr Co, 1104 Merchants Exch Bldg; architect, Ward & Bowles.

AUDITORIUM & service bldg, Class veld bet Apparel and Palou; owner, Apparel City Corp, 369 Pine St; contractor, Haas Constr Co, 1104 Merchants Exch Bldg; architect, Ward & Bowles.

SALES, Class C commercial, $150,000; W Barneveld 240 N Industrial; owner, Apparel City, Inc, Rialto Bldg; contractor, Barrett & Hilp, 918 Harrison.

SALES, Class C commercial, Bldg No 6, $125,000; SW Industrial and Oakdale; owner, Apparel City Corp 369 Pine St; contractor, not let; architect, Ward & Bowles.

SALES, Class C commercial, Bldg No 5, $125,000; SW Palou and Apparel; owner, Apparel City Corp, 369 Pine; contractor, Haas Constr Co, 1104 Merchants Exch Building; architects, Ward & Bowles.

SALES, Class C commercial, Bldg No 2, $90,000; SE Palou and Barneveld; owner, Apparel City Corp, 369 Pine; contractor, Haas Constr Co, 1104 Merchants Exch Bldg; architects, Ward & Bowles.

STORAGE bldg, 1-story frame, $60,000; S Army St bet DeHaro and Kansas; owner, National Lead Co, 2240 24th St; contractor, not let.

ALTER dept store, $50,000; 867 Market St; owner, Hale Bros, Inc, 56 5th St; contractor, not let.

AUTO Sales and service, Class C, $45,000; W Mission 524.238 S Onondago; owner, Priola Bros, 4885 Mission St; contractor, Carrico and Gautier, 365 Ocean Ave.

STORES and offices, Class C 2-sty, $40,000; E 9th St 125 N Mission; owner, C C Brown Co, 26 9th St; contractor, Central Calif Constr Co 116 Erie St.

STORES and offices, $40,000; SW Cor Beary and 14th Ave; owner, John B Coakley, 1707 Balboa; contractor, not let; engineer, Jason Bloom, 544 19th Ave.

BLDG, 1-story all steel Class A, $20,000; W 3rd St 100 S 18th St; owner and builder, Frank W Brady, 921 Bryant St; architect, J L Conrich, 593 Market St.

ALTER dress shop $15,000; 285 Geary St; owner, Frank More Shoe Shop, 233 Geary St; contractor, not let.

ALTER food market, $15,000; 1175 Market St; owner, S M Ong and Co, Inc, premises.

ALTER theatre, $15,000; 85 West Portal Ave; owner, Oser Est Corp, Hobart Bldg; contractor, Harry J Oser, Hobart Bldg.

ALTER apts, $12,000; 1688 to 1698 Green St; owner and contractor, A Esmiol, 1694 Green St.

ALTER offices, $12,000; 61 Ellis St; owner, A S Samuels Co, 856 Market St; contractor, not let.

STORE and dwelling, 1-story frame, $10,990; NE Judah and 45th Ave; owner, I M Cambridge, 4620 Irving St; contractor, R B Hamill, 4124 Geary Blvd.

FEED Mfg Bldg, 1-story fr, $8,000; SW Indiana and Army; owner, Mar-Veg Processing Co, 209 Post; contractor, Standard Concrete and Constr Co, 3026 Geary.

DWELLING, 1-story frame, $5000; W 48th Ave 125 N Noriega St; owner and builder, E Vigen, 3000 Kirkham St.

DWELLING, 1-story frame, $5,000; W 48th Avenue 100 N Noriega St; owner and builder, E Vigen, 3000 Kirkham St.

INDUSTRIAL bldg, steel frame, Class A, $4500; W Harrison St; owner, Mr and Mrs D Schaffer, 766 Church St; contractor, not let.

DWELLINGS, three, 1-story frame, $4000 each; E San Jose Ave 69, 80, 105 S 25th St; owner and builder, J A Johansen, 1393 Valencia St.

OFFICE, 1-story frame, $3600; W Mississippi 40 S Mariposa; owner, Mayfair Inv Co, 198 Mississippi; contractor, Mariposa Constr Co, 1106 Mariposa St.

ALTER furniture warehouse, $3000; 680 Folsom St; owner, W T Sloane Co, prem; contractor, Wagner and Martinez, 181 South Park.

ALTER apt. - office - garage, $2500; $2416 Market St; owner, W Rastofer, premises; contractor, Moore & Madsen, 365 Dorantes Ave.

ALTER power station, $2500; 430 23rd St; owner, P G & E, 245 Market; contractor, H H aLrsen Co, 64 South Park.

ALTER flats, $2000; 305 30th Street; owner, Manfred Axelson, premises contractor, Jas Hjul, 128 Russ St.

ALTER fur store, $2000; 146 Geary; owner, Robt Wallace, prem; contractor, Mangrum, Holbrook and Elkus, Fell and Gough Sts.

ALTER restaurant, $2000; 2100 Van Ness Ave; owner, Grison Restaurant, premises; contractor, Rome Carpenter Shop, 1659 Powell St.

ALTER flats, $1000; 14 Woodward; owner, J Higgins, c/o cntr; contractor, Ira W Coburn, 2048 Market St.

ALTER flats and apt, $500; 1241-A Guerrero St; owner and contractor, Pete Bernardoni, 1241 Guerrero Street.

BUILDING PERMIT Granted

SAN FRANCISCO

FEBRUARY 27, 1946

ALTER dwelling, $950; NE Corner Noriega and 24th Ave; owner, Dr Frank C Larsen.

OFFICE bldg, $1,100,000; W Main St 136.9 S Market; owner, Matson Navigation Co.

ALTER apt house, $20,000; 850 Powell St; owner, Douglas Dorn.

ALTER bank, $14,000; 2901 Diamond St; owner, Capital Co.

ALTER dwelling, $585; 623 35th Ave; owner, E P Finnigan.

ALTER store and offices, $35,000; 747 Market St; owner, M L Mitchell.

ALTER store, $60,000; SE Cor Stockton and O'Farrell Sts; owner, Jos Magnin.

ALTER bldg, $125,000; SW Corner 16th St and Treat Ave; owner, Calif Casket Co.

CLASS C Bldg, $100,000; NE Corner Balboa and Great Highway; owner, Roller Enterprises, Inc.

CLASS C bldg, $42,000; NE Corner Geary Blvd and Blake St; owner, Harry Krieger & Son.

MARKET, one-story frame, $32,500; NE Cor 25th Ave and Noriega St; owner, P Herlihy.

ALTER theatre and concessions, $18-000; 1125 Market St; owner, Embassy Theater Co.

ALTER hotel, $1000; 630 Geary St; owner, Paul R Clark.

CANOPY, steel, $1000; 3rd, Newhall and Hudson Sts; owner, Standard Oil Co.

BLDG, steel, $8000; Third, Newhall and Hudson Sts; owner, Standard Oil Co.

ALTER hotel, $50,000; SE Cor. Calif and Mason Sts; owner, Hotel Mark Hopkins.

DWELLINGS, three 1-story fr, $4,000 each; E 46th Ave 300, 325, 350 E Moraga; owner, Atlas Realty.

CLASS C bldg, $35,000; SE Harrison 275 NE 3rd St; owner, California Pacific Title and Trust Co.

DWELLINGS, six 1-story frame, $4000 each; W 46th Ave 143, 168 S Noriega St; W 46th Ave 150, 200 N Ortega; W 46th Ave 193 S Norlega; W 46th Ave 175 N Ortega; owner, Atlas Realty Co.

ALTER store, $60,000; N Market 120 E Stockton St; owner, Roos Bros.

ALTER dwelling, $2200; 3329 Washington St; owner, Mr and Mrs Ernest Lilienthal.

DWELLING, 2-story frame, $9,500; N Kirkham 95 E 14th Ave; owner, E Vigen.

DWELLING, 1-story frame, $9,000; SE Cor 14th Ave and Vicente St; owner, R V McAninch.

ALTER dwelling, $2000; 1763 27th Ave; owner, Dr A Horung.

CLASS B concrete bleachers, $60,000; NE Cor 16th and Bryant Sts; owner, S F Baseball Club.

DWELLINGS, five 1-story frame, $4000 each; W 46th Ave 243, 268, 218 S Noriega; E 48th Ave 100, 125 N Rivera; owner, Atlas eRalty Co.

ALTER dwelling, $1000; 54-6 Macondray St; owner, John Tampeke.

ALTER store, $6500; 1401 Market St; owner, Capital Co.

ALTER bank and empty lot, $23,000; 5000 3rd St; lessee, Bank America.

CLASS C bldg, $45,000; W Mission St 524.238 S Onondaga; owner, Priola Bros.

OAKLAND

ADDITION, $600; 1924 Adeline St; owner and builder, Clarence Lomax, 1926 Adeline St.

DWELLINGS, three, 1-story 5-room, $4000 each; 9706 D St, 1150-1156 83rd Ave; owner, Alameda Homes Co, 5909 E 14th St; contractor, H S Pulliam, 5909 E 14th St.

DWELLING, 1-story 5-room, $4,000; 322 Bergedo Drive; owner, E W McGagh & J P O'Shea, 4939 Broadway; contractor, Roy Towers, 2508 Benvenue Ave, Berkeley; garage, 1-story, $200.

STORE Bldg, 2-story brick, $30,000; 2328 Telegraph Ave; owner, National Furniture Co, 2096 Telegraph Ave; contractor, Shale Ortzow, 1511 Jackson St; plans by Burrell & Dalton, 409 15th St.

ALTER, $2500; 1405 34th St; owner and contractor, Clifford Wixon, 3161 Hollis St.

APTS, one-story 10-room, $12,500; 10491-93-95 - 97 MacArthur Boulevard; owner, C E Atkinson, prem; contractor, W F Beckett, Latham Square Bldg.

DWELLING, 1-story 6-room, $9000; 5134 Masonic Ave; owner, D T Kay, premises; contractor, A L Holm, 10601 Beverly Ave.

DWELLING, 1-story 5-room, $9000; 7930 Crest Ave; owner, E R Jones, 1425 Foothill Blvd; contractor, Cosca & Marquis Constr Co, 3000 E 14th St.

REPAIRS, $500; 1115 13th Avenue; owner, T Borr, prem; contractor, J H Fitzmaurice, 2857 Hannah.

STORE, 1-story 3-room, $7500; 8411-13-15 East 14th St; owner, Harry Schuster, 1300 Webster St; contractor ,Geo H Calder, 8056 Earl.

ALTER, $1800; 2220 23rd Ave; owner, Alex Netti, prem; contractor, J V Adams, 744 65th St.

DWELLING, $6700; 6156 Monadnock Way; owner and builder, E C Hutchings, 3216 Madera Ave; garage, 1-story, $400.

ALTER, $700; 5249 San Pablo Ave; owner, A Lippman, prem; contractor, Sam Lipshitz, 601 63rd St.

ALTER, $1750; 1400 Lakeshore Ave; owner, Mrs K E Reinke, premises; contractor, J D Andrewson, 485 Stow Ave.

ALTER, $1500; 4921 Broadway; owner, Stayner Corp, 2100 Ward St, Berkeley; contractor, J D Andrewson, 485 Stow Ave.

ALTER and repair, $600; 1005 57th St; owner and contractor, Martin D Ardissone, premises.

ALTER and adn, $2000; 3716 Redwood Rd; owner and builder, A D Murphy, 4601 Virginia Ave; garage, 1-story, $650.

SAN CARLOS

DWELLING, $8000; 1333 Rosewood Ave; owner and builder, F E Lamoreaux.

DWELLING, $9500; 450 Chestnut St; owner and builder, Edward Drotleff.

DWELLING, $8000; 556 Emerald Ave; owner and builder, Charles Ewen.

DWELLING, $8000; 130 Emerald Ave; owner, D W Moses; builder, J Aaronson.

ADDITION, $1000; 2120 Greenwood Ave; owner and builder, Cecil Ball.

BURLINGAME

RESIDENCE, $10,000; Lot 25 Blk 4, Winchester; owner and builder, W Van Bilderbush, 426 W El Camino Real, San Mateo.

MOVE and enlarge garage, $1,000; 170 Pepper; owner, Mrs Eastland, prem; contractor, Geo A Cole, 1119 El Camino Real.

ADD story to present bldg, $8,000; Ptn Lot 26 Blk 3, Broadway; owner, W McClellan, Ray Park; contractor, A Mattock Co, Burlingame.

MOVE and repair bldg, $1000; 99 California Drive; owner and contractor, Wm Bourne, premises.

FRESNO

DWELLING and garage, $6000; 5089 Platt; owner, Geo Krotter.

DWELLINGS, two, and garages, $5,000 each; 3211-3219 Platt; owner, Jack Kruzie.

ALTER store, $5000; 1140 Van Ness; owner, Cinderella Market; contractor, L E Gibson.

ADDN to dwelling, $2000; ....; owner, T R Jackson; contractor, Taylor & Wheeler.

ADDN to store, $1985; 1470 Van Ness; owner, F O Gardner; contractor, Solko & Harness.

DWELLING, $1000; 38 Lemon; owner, Mary E Dixon.

ADDN to dwelling, $1000; 1525 Olive; owner, Mrs Dodge; contractor, Wm Dame.

DWELLING, $800; 2462 Cherry St; owner, Clarence Ross.

ALTER office, $760; 2015 Mariposa; owner, Jas C Janjigian; contractor, Solko & Harness.

OUTBLDG, $600; 225 Michigan; owner, Frank Giannini.

REDWOOD CITY

DWELLING, 5-room, and garage, $9950; 267 W Oakwood Blvd, Oakwood Blvd West Subdiv; owner and builder, Frederick Walthers, Redwood City.

ADDN to store, reinf concrete, $25,000; 2426 El Camino Real; owner, Currie Mfg Co, Redwood City.

Plumbing Permits

OAKLAND

3810 West; owner, Mrs C Wayne; dealer, N Weber; 4 fix; 7 water.

5733 San Leandro; owner, F M Ball Co; dealer, J Morcony; 2 fix; 2 water.

3817 35th Ave; owner, ...; dealer, Wallace MacMillan; 5 fix; 10 w 3 g.

4134 Terrace St; owner Shaktaugh; dealer, H E Brand; 3 fix; 6 w.

5802 Foothill Blvd; owner, Fulton Creamery; dealer, C W Roland; 5 fix; 10 w.

484 13th St; owner, King Sandwich Shop; dealer, P H Blake; 1 fix.

2119 25th Ave; owner, Matheny; dealer, P H Blake; 1 gas line.

7623 Outlook; owner, ...; dealer, P H Blake; 1 fix; 4 water; gas o.

1236 37th Ave; owner, Maccy; dealer, ...; 1 fix.

903 Apgar; owner, McKenzie; dealer, D Durant; 2 gas.

6009 Avenal; owner, Brandon; dealer, C W Roland; 2 fix; 1 n.

3716 Redwood Rd; owner, Murphy; dealer, Gus A Berman; 2 fix; 4 w.

534 23rd St; owner, Simplex Wrapping Machine; dealer, F E Nearhood 2 fix.

2225 Brush; owner, R E Gavett; dealer, J Marsony; 1 fix; 2 w.

621 Pershing Dr; owner, ...; dealer, Atlas Htg; 1 gas line.

430-32 13th St; owner, United Studios Contr; dealer, F J Lynch; 13 fix; 20 w; 2 gas.

706 E 14th St; owner, Campigli; dealer, H P Sheridan; 19 fix; 20 w; 4 gas.

Furnace Permits

OAKLAND

1320 88th Ave; owner, East Shore Homes; dealer, Atlas Htg & Vent Co; floor furnace.

951 86th Ave; owner, East Shore Homes; dealer, Atlas Htg & Vent Co; floor furnace.

7336 Rudsdale; owner, East Shore Homes; dealer, Atlas Htg & Vent Co; floor furnace.

1263 79th Ave; owner, East Shore Homes; dealer, Atlas Htg & Vent Co; floor furnace.

5755 E 14th St; owner, Safeway Stores; dealer, Morrill; ....

7506 Krause; owner, Arts Elec & Supply Co; dealer, Atlas Htg and Vent Co; floor.

1001 41st St; owner, Tullock; dealer, Atlas Htg & Vent Co; central.

669 42nd St; owner, Boothy; dealer, Atlas Htg & Vent Co; central.

6517 Whitney; owner, Haimgress; dealer, Atlas Htg & Vent Co; floor.

1320 88th Ave; owner, East Shore Homes; dealer, Atlas Htg & Vent Co; floor.

5633 San Pablo Ave; owner, Caballera; dealer, Atlas Htg & Vent Co; central.

7970 Crest; owner, Cosca; dealer, Atlas Htg & Vent Co; floor.

6934 Simson; owner, Cosca; dealer, Atlas Htg & Vent Co; floor.

1739 E 20th St; owner, Lawrence; dealer, Atlas Htg & Vent Co; floor.

6436 Colby; owner, Ehrenpford; dealer, Atlas Htg & Vent Co; central.

2822 Short St; owner, J Freitas; dealer, Jackson's Furniture Co; floor.

2106 Rosedale; owner, R D Baker; dealer, Jackson's Furniture Co; fl.

3276 Grand Ave; owner, Safeway; dealer, Morrill; ....

3811 San Pablo; owner, Safeway; dealer, Morrill; ....

9567 D St; owner, Krippenberg; dealer, Geo Campbell; floor.

7879 Hillside; owner, Campbell; dealer, R A Roeber; floor.

1626 104th Ave; owner, Schuster; dealer, Bay Cities; floor.

Completion Notices

ALAMEDA COUNTY

Recorded Accepted

Feb 27, 1946—2303 GROVE Street, Oakland. M C Cox to Doty & Lockwood................February 23, 1946

Feb 27, 1946—525 DOLORES Ave, San Leandro. Evelyn E Mellencamp to E H Mellencamp............ ....February 26, 1946

MONTEREY COUNTY

Recorded Accepted

..........—5 acres in Rancho Los Laureles in the Carmel Valley. Ronald B and Gertrude M Stoney, Jamesburg Route, Monterey, to whom it may concern..Feb. 20, 1946

Feb. 26, 1946—Lots 34 and 35, Block 9, Map 1, Del Monte Heights, outside City of Monterey. D C Morrow, Box 211, Seaside, Calif, to whom it may concern.................. ....Feb. 18, 1946

Liens Filed

ALAMEDA COUNTY

Recorded Amount

Feb 27, 1946—3211 STERLING Ave, Alameda. Superior Tile Co vs Linton W and Ruth E Knight, W R Peak $456.00

Feb 27, 1946—3910 ARDLEY Ave, Oakland. Superior Tile Co vs Geo P and Vida M Parsons........$72

Feb ...., 1946—LOTS 11 and 12 Blk K, Estudillo Estates, San Leandro. Broadmoor Electric Co vs Charles A and Louise Holman, Dave M Reid $275.00

Feb ...., 1946—LOT 22 BLOCK G, Estudillo Estates, San Leandro. Broadmoor Electric Co vs Earl J and Flory H Kuenster, and Dave M Reid.............................$325.00

Feb 26, 1946—Ptn BLK 527, Boardman's map of Oakland and Vicinity, Oakland. J L Jones vs Charlie Bell $310.00

Non-Responsibility

ALAMEDA COUNTY

Feb 26, 1946 — 534 BOULEVARD Way, Oakland. Jane Hickman as to improvements on property.

SAN FRANCISCO

Feb 27, 1946—879 MARKET Street. San Francisco Holding Co as to improvements on property.

Feb 27, 1946—879 MARKET Street. William H Woodfield Jr, Albert Icheison and David R Eisenbach as to improvements on property.

Electrical Permits

SAN FRANCISCO

9217 620 Prentiss St; owner, Bergstrom & Larvick; contractor, Strom

9218 1474 45th Ave; owner, Corbell & Saia; contractor, Strom & Smith; 10 outlets; 10 switches; 10 plugs.

9219 2355 Market St; owner, Krestelier Motor Co; contractor, Neon Mtce Corp; sign.

9220 333 Shotwell; owner, John Pyil; contractor, Weber & Conroy; 6 plugs; service.

9221 755 Laguna St; owner, ...; contractor, Pacific Elect Const Co; motors.

9222 SE corner Alabama and Mariposa; owner, Bradley Plastering Co; contractor, Central Electric; 6 outlets; 3 switches; 3 plugs.

9223 16th and Bryant Sts; owner, Seals' Stadium; contractor, Central Electric; alterations.

9224 Civic Auditorium; owner, City of San Francisco; contractor, Chas A Langlais; 3 plugs.

9225 110 Sansome; owner, Adam Grant Building; contractor, Chas A Langlais; 12 outlets.

9226 3146 Mission; owner, Stewart Chevrolet Co; contractor, Chas A Langlais; 42 outlets; 19 plugs

9227 665 Union St; owner, Coit Cleaners; contractor, Casey Electric; motors.

9228 240 10th St; owner, Heglin; contractor, Richmond Electric Co; 7 outlets; 4 switches; 2 plugs; service.

9229-31 2011-17-31 15th Ave; owner, Doelger; contractor, Richmond Electric; 10 outlets; 10 switches; 10 plugs; service.

9232-39 2627-29, 2633-35, 2829-31, 2835-39, 2909-11, 2915-17, 2927-29, 2933-35 Irving St; contractor, Richmond Electric Co; 22 outlets; 22 switches; 22 plugs; service.

9240-43 1382-84, 1386-88, 1390-92, 1394-96 29th Ave; owner, Doelger; contractor, Richmond Electrc; 22 outlets; 22 switches; 22 plugs; service.

9244-45 6631-33, 6625-27 Clement St; owner, United; contractor, Richmond Electric; 22 outlets; 22 switches; 22 plugs; service.

9246 46 Geary; owner, Gordon; contractor, Crown Electric; ....

9247 2151 Lombard; owner, In Egg Co; contractor, Crown Electric Co; 3 plugs.

9248 S Geneva Ave 200 E Mission; owner, ...; contractor, Cimino Electric; service; motors.

9249 4406 California; owner, ...; contractor, Byington Electric; ....

9250 465 California St; owner, Merchants' Exchange Bldg; contractor, Matson Electrical; 2 outlets; 2 plugs; motors; alterations.

9251 284 Richland Ave; owner, ...; contractor, Mohrdick Electric; ....

9252 20 Annie St; owner, Dawn Club; contractor, Mohrdick Electric; 11 outlets; 1 switch.

9253 2085 Washington St; owner, Eagle Cleaners; contractor, American Elect Const Co; 1 plug.

9254 761 Howard St; owner, K Irving; contractor, American Elect Const Co; alterations.

9255 Civic Auditorium; owner, City of San Francisco; contractor, J H Holzmueller; ....

9256 181 26th Ave; owner, Speck; contractor, Eureka Electric; 1 outlet; 1 switch; 3 plugs.

9257 S Market 100 W Church; owner, Church of the Open Bible; contractor, Central Electric; 61 outlets; 32 switches; 14 plugs.

9258 101 Turk St; owner, ...; contractor, Central Electric; ....

9259 879 Market St; owner, Leeds Shoe; contractor, Victor Lemoge; 102 outlets; 8 switches; 11 plugs; service; alterations.

9260 500 Florida; owner, Bay Cities Wholesale Hardware Co; contractor, V Lemoge; 15 outlets; 6 switches; 2 plugs; alterations.

9261 115 Turk; owner, C H Bull; contractor, California Elect Const Co; motors

9262 684 Third St; owner, Williamson Estates Co; contractor, Dowd-Seid Electric; alterations.

9263-64 3214 24th St; owner, A Cunfurman; contractor, Dowd - Seid Electric; alterations

9265 3410 19th St; owner, Klopstock Bros; contractor, Dowd-Seid Electric; alterations.

9266 408 Columbus Ave; owner, M Eckhardt; contractor, Dowd-Seid; alterations.

9267 1500 Sutter; owner, ...; contractor, Arc Electric; alterations.

9268 1649 Revere; owner, Faggioni; contractor, Arc Electric Co; 6 outlets; 6 switches; 5 plugs.

9269 26 Montezuma St; owner, Belic Perasso; contractor, Arc Electric; 6 outlets; 5 switches; 4 plugs.

9270 1167 Mission; owner, Harvey G Miles & Co; contractor, Ace Electric; 15 outlets; 24 plugs.

9271 3836 Geary Blvd; owner, Herald & Herald Real Estate; contractor, Ace Electric; 3 plugs.

9272 230 6th St; owner, Samuel Lopez; contractor, John Philis; motors.

9273 2094 Oakdale Ave; owner, ...; contractor, H C Wilson; 14 outlets; 11 switches; 7 plugs; service.

9274 716 Grant Ave; owner, Hang Fat; contractor, Malm & Welter; 2 outlets; 3 switches.

OAKLAND

35796 MacArthur Blvd and Lincoln; owner, Moody Motel; contractor, Del Monte Electric; service.

35797 5850 Marshall; owner, Hosspool & Romine; contractor, Pacific Electric Motor; 5 hp motor.

35798 4821 Tidewater; owner, Pacific Tank & Pipe; contractor, Pacific Electric Motor; motors; alterations.

35799 Jensen; owner, 2372 E 14th St; contractor, Marelco, Inc; outlets; switches; fixtures; plugs; motors; alterations.

35800 7614 MacArthur; owner, Ray D Nichols; contractor, Marelco, Inc; service.

35801 3332 E 14th St; owner, Jensen; contractor, Marelco, Inc; outlets; switches; fixtures; plugs.

35802 628 12th St; owner, Woolf; contractor, Marelco, Inc; outlets; switches; fixtures; plugs; motors; alterations

35803 7116 Rudsdale; owner, Luba; contractor, Flagler Electric; new service.

35804 729 Clay St; owner, Paul Shapiro; contractor, Paramount Electric; fixtures.

35805 1073 54th St; owner, Silva; contractor, Paramount Electric; outlets; switches; fixtures; plugs.

35806 3258 E 14th St; owner, Rief Ice Cream; contractor, Paramount Electric; fixtures.

35807 184 10th St; owner, Ortzow; contractor, C A Langlais Co; 2 outlets; 2 fixtures; 6 plugs.

35808 851 73rd Ave; owner, American Welding Co; contractor, Shea Electric; outlets; switches; motors.

35809 NE corner 79th and Holly; owner, Da Rocca; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35810 6210 Claremont; owner, Snow; contractor R O Diedrick; spot welder.

35811 4231 E 12th St; owner, Hensely; contractor, Clifford Electric Co; outlets; switches; fixtures; plugs.

35812 1577 E 38th St; owner, Morriale Vanitera Cleaners; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35813 4170 Rifle Lane; owner, Militello; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35814 SW corner 19th and Webster; owner, Lewis Construction Co; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35815 NW corner 104th Ave and E 14th St; owner, George Colden; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35816 5774 Shafter; owner Mrs Mendenhall; contractor, Roberts Lighting Fixture; 17 outlets; 9 switches; 16 plugs.

35817 861 Milton; owner, Van Bokkelen; contractor, Roberts Lighting Fixture Co; repairs.

35818 1206 28th St; owner, Van Bokkelen; contractor, Roberts Lighting Fixture Co; repairs.

35819 505 Clay St; owner, Van Bokkelen; contractor, Roberts Lighting Fixture Co; repairs.

35820 7404 E 14th St; owner, John Traini; contractor, R F Long; motors.

35821 3200 13th Ave; owner, Wilshire Oil Co; contractor, Electrical Products Corp; sign.

35822 2035 San Pablo Ave; owner, Ray Morowit; contractor, Scott-Buttner Electric Co; 24 fixtures; 20 plugs; alterations.

35823 2319 E 14th St; owner, Pool Hall; contractor, Broadmoor Electric; 1 switch; 2 plugs.

35824 2897 Chapman; owner, Collins; contractor, Broadmoor Electric; 1 motor.

35825 2324 San Pablo Ave; owner, Peters & Wilson; contractor, Conrad Electric Co: 6 fixtures.

35826 1524 Market St; owner, Lee & Weafer; contractor, Conrad Electric; fixtures; plugs; motors.

35827 1577 E 38th St; owner, Vaniterla Cleaners; contractor, Conrad Electric Co; outlets; 12 fixtures; 6 plugs; 1 motor.

35828 foot of 5th Ave; owner, Hurley Marine Works; contractor, T L Rosenberg; alterations.

35829 631 6th St; owner, Glenview Laundry Co; contractor, T L Rosenberg Co; 5 hp motor.

35830 1500 E 15th St; owner, Pacific Heat & Vent; contractor, Clifford Electric; furnace control.

35831 2029 84th Ave; owner, Vert; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35832 481 30th St; owner, Teigland; contractor, Paramount Electric Co; outlets; fixtures; alterations.

35833 1497 Oak St; owner, Rose; contractor, Matson Electrical; fire repairs.

35834 3040 Broadway; owner, Commercial Auto Paint; contractor, Shea Electric; repairs.

35835 6323 San Pablo Ave; owner, Nu Vu Venetian Blind Co; contractor, California Electric; motors; alterations.

35836 SE corner MacArthur and Broadway; owner, Andrew Williams; contractor, California Electric; 4 outlets; 4 fixtures.

35837 385 5th St; owner, Felix Cohn; contractor, T L Rosenberg Co; 2 plugs.

35838 381 5th St; owner, Sasso Bros; contractor, T L Rosenberg Co; 2 motors.

35839 foot of 5th Ave; owner, Hurley Marine Works; contractor, T L Rosenberg Co; service.

35840 534 23rd Ave; owner, Simplex Wrapping Machine Co; contractor T L Rosenberg; outlets; switches; fixtures; plugs; motors.

35841 315 Franklin St; owner, Banana King; contractor, T L Rosenberg; 4 outlets; 1 switch; 3 fixtures; 3 plugs

35842 3810 Foothill; owner, Semple; contractor, T L Rosenberg; service.

35843 1947 7th Ave; owner, Bergman; contractor, Ets-Hokin & Galvan; alterations

35845 5515 Grove St; owner, Griffin Craft Supplies; contractor, Spott Electric; outlets; fixtures.

35846 6046 College; owner, Van Bokkelen; contractor, Roberts Lighting Fixture Co; repairs.

35847 2740 Inyo; owner, Dr Seaquist; contractor, Dimond Electric; provide for extra meter.

35848 5907 Foothill; owner, Home Delicatessen; contractor, Dimond Electric; service.

35849 972 Grosvenor Place; owner, J Hozack; contractor, White Electric Co; remodel bath.

35850 944 Broadway; owner, Bach; contractor, Joseph Taloff; 10 fixtures; alterations.

35851 469 13th St; owner, The Hub; contractor, Joseph Taloff; fixtures.

35852 3333 Lakeshore Ave; owner, Harris Bros; contractor, Joseph Taloff; fixtures; alterations.

35853 406 7th St; owner, Lopez; contractor, Joseph Taloff; 4 fixtures

35854 1140 4th Ave; owner, Rest Home; contractor, Shea Electric; addition.

35855 1514 56th Ave (rear); owner, Evan; contractor, Shea Electric; alterations.

35856 3307 High St; owner, Tisher; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

35853 406 7th St; owner, Lopez; contractor, Joseph Taloff; 4 fixtures.

35854 1140 4th Ave; owner, Rest Home; contractor, Shea Electric; addition.

35855 1514 56th Ave (rear); owner, Evan; contractor, Shea Electric; alterations.

35856 3307 High St; owner, Tisher; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

Engineering Section

43— MACHINERY AND EQUIPMENT

3/1/46 • 43

BIDS WANTED

MARIN, NAPA and SONOMA COUNTIES, Calif.—Until March 5, 3 P. M., bids will be received by the State Division of Highways, J. H. Skeggs, district engineer, 2001 Van Ness Ave., San Francisco, for rental of one tree spray rig mounted on pneumatic-tired truck, equipped with a tank capacity of not less than 500 gallons, capable of spraying at the rate of 25 gallons or more per minute at a pressure of 600 lbs. per square inch, for approximately 80 hours of work in Marin, Napa and Sonoma Counties.

Specifications obtainable from the above office.

3/1/46 • 43

BIDS WANTED

ALAMEDA, CONTRA COSTA and SAN MATEO COUNTIES, Calif—Until March 5, 3 P. M., bids will be received by the State Division of Highways, J. H. Skeggs, district engineer, 2001 Van Ness Ave., San Francisco, for rental of one tree spray rig mounted on a pneumatic-tired truck, equipped with tank capacity of not less than 500 gallons and capable of spraying at the rate of 25 gallons or more per minute at a pressure of 600 lbs. per square inch for approximately 60 hours of work in Alameda, Contra Costa and San Mateo Counties.

Specifications obtainable from the above office.

3/1/46 43

CONTRACT AWARDED

BOULDER CITY, Nev.—Hendre Bolthoff Manufacturing & Supply Co., Denver, Colo., at $3018.50, awarded contract by the Bureau of Reclamation, Denver, Colo., for furnishing and delivering ventilating and air-cooling equipment for installation in Boulder power plant, Boulder Canyon Project, Arizona-California-Nevada; Specifcaton No. 1141.

3/1/46 43

CONTRACT AWARDED

PASADENA, Los Angeles Co., Calf.—Allis-Chalmers Manufacturing Co., 458 S. Spring St., Los Angeles, and Milwaukee, Wis., at $693,317, was awarded contract by the city of Pasadena, February 26, on a basis of Schedule 1, items 1a, 1b and 1c, for one 35,000-kw. steam turbine for the light plant at Glenarm and Raymond Ave., Pasadena. The bids were received January 29.

3/1/46 • 43

BIDS WANTED

SALINAS, Monterey Co., Calif.—Until March 6, 1 P. M., bids will be received by the Salinas Union High School District, R. D. Case, secretary, 102 Salinas National Bank Bldg., Salinas, for purchase of two school buses with capacity of 73 school passengers.

3/1/46 • • 43

LOW BIDDERS

CENTRAL VALLEY PROJ., Cal.—Following submitted low bids to the Bureau of Reclamation, Denver, under Spec. No. 1160 for furnishing and delivering fob cars at shipping point or fob cars at Coram and at Redding, Calif., at the option of the bidder, fabricated structural steel for the 230-kv. switchyard, Shasta Power Plant, and 230-kv. switchyard and 230-kv. transformer circuits, Keswick Power Plant, Kennett Division, Central Valley Project:

Chas. E. Schuler Mfg. Co., Newark, Ohio, $66,150 fob Newark; net.

Bethlehem Steel Corp., San Francisco, $73,257.90 fob San Francisco; net.

American Bridge Co., Denver, $77,173 fob Pittsburgh; net.

(Continued on Page Four)

Prospective Bidders

School Buildings, El Cerrito and Richmond, California

BIDS: Richmond Union School District, Walter F. Helms, superintendent, Administration Bldg., 1108 Bissell St., Richmond, March 6, 8 P. M. Plans prepared by Architects Dragon & Schmidts, 2068 Allston Way, Berkeley.

James I. Barnes Construction Co., 941 Russ Bldg., San Francisco.

Moore & Roberts, 693 Mission St., San Francisco.

Elmer J. Freethy, 1432 Kearney St., El Cerrito, Calif.

John M. Bartlett, 1706 Parker St., Berkeley, Calif.

A. Farnell Blair Co., Inc., 9 Main St., San Francisco.

Parker, Steffens & Pearce, 135 South Park, San Francisco.

M. J. King, Inc., 231 Franklin St., San Francisco.

Residence 16th Ave. and Presidio Wall, San Francisco

BIDS: Architects Ward & Bolles, 369 Pine St., San Francisco, March 8, 2 P. M.

Mattock Constr. Co., 212 Clara St.

G. P. W. Jensen & Sons, Inc., 320 Market Street.

William Martin, 666 Mission Street.

Russell Cullen, 478 Jackson St.

Alter Apartment House, 601 O'Farrell St., S. F.

BIDS: Architects Ward & Bolles, 369 Pine St., San Francisco, March 10.

Mattock Constr. Co., 212 Clara St.

G. P. W. Jensen & Sons, Inc., 320 Market Street.

Russell Cullen, 478 Jackson St.

Jacks & Irvine, 620 Market Street.

Haas Constr. Co., 326 Merchants' Exchange Building.

Fred J. Early, Jr., 369 Pine Street.

Escalator and Elevator Additions, Lincoln Bldg., 867 Market St., S. F.

BIDS: Hale Bros., 867 Market St., San Francisco, Mar. 12, 3 P. M. Bids prepared by Architect William G. Merchant, 57 Post St., San Francisco.

H. H. Larsen Co., 64 South Park, San Francisco.

McDonald, Young & Nelson, 127 Montgomery St., San Francisco.

Dinwiddie Construction Co., Inc., 210 Crocker Bldg., San Francisco.

Shop Bldg. No. 411, Shipfitters' and Boilermakers' Shop, S. F. Naval Shipyard

BIDS: Public Works Officer, Room 2110 Administration Bldg., San Francisco; Spec. 17099; March 4, 11 A. M.

James I. Barnes Construction Co., 941 Russ Bldg., San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco.

A. Farnell Blair, 9 Main St., San Francisco.

Clinton Construction Co., 923 Folsom St., San Francisco.

Erbentraut & Summers, 446 Sixth St., San Francisco.

Peter Kiewit Sons' Co., 442 Post St., San Francisco.

M. & K. Corp., 200 Financial Center Bldg., San Francisco.

Parker, Steffens & Pearce, 135 So. Park, San Francisco.

Guy F. Atkinson Co., Orange and Railroad Aves., South San Francisco.

Official Proposal

Construction of New Road Across Berkeley Campus of U. of C.

ADVERTISEMENT FOR BIDS

Subject to conditions prescribed by the undersigned, sealed bids are invited for construction of new road between Piedmont Avenue and La Loma Avenue and Hearst Street across the Berkeley campus of the University of California. A deposit of $10.00 is required for plans and specifications. No bids received after 2:00 P. M., Monday, March 11, 1946. For plans and information, call at, or address the Cashier's Office, 103 Administration Building, University of California, Berkeley 4, California. The right to reject any and all bids is reserved

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA

(Daily Pacific Builder)

(February 26, March 1, 5, 1946)

Construction Project Calif. DA-WR 225(1), Unit 2, Access Road to Army Air Force Intransit Depot.

FEDERAL WORKS AGENCY, PUBLIC ROADS ADMINISTRATION, San Francisco, California, February 26, 1946. Sealed bids will be received at the office of the Public Roads Administration, 720 Phelan Buildings, San Francisco, California, until 2:00 p.m. on March 12, 1946, and then publicly opened for furnishing the materials and performing the work for constructing Project California DA-WR 225(1) Unit 2, Access Road to Army Air Force Intransit Depot, Alameda, Alameda County, California. The length of the project is 0.171 mile and the principal items of work are approximately as follows: 840 cu. yds. unclassified excavation; 25 cu. yds. unclassified excavation for structures; 34 M Gals. watering; Lump Sum providing and maintaining water plant or plants; 1,450 tons crushed gravel or crushed stone base course; 4 tons medium curing cutback asphalt for prime coat; 1 ton emulsified asphalt for tack coat; 4 tons blotter material for bituminous preservative treatment; 1 ton medium curing outback asphalt for bituminous preservative tmeat; 584 tons plant mixture; 29 tons asphalt; 78 lin. ft. vitrified clay culvert pipe; 4 citrified clay culvert pipe elbows; 4 catch basins; 3 sets cast-iron frames, gratings and curb inlet housings; 1 storm drain manhole; 1,460 lin. ft. concrete curb. The minimum wage paid labor employed on this project shall be in accordance with the classified labor rates set forth in the Special Provisions. Plans and specifications may be examined by prospective bidders at Room 723 Phelan Building, San Francisco, and at the Associated General Contractors' Office at 216 Pine Street, San Francisco. Plans, specifications and proposals may be obtained at the office of the Public Roads Administration, 720 Phelan Building, San Francisco 2, California. CHAS. C. MORRIS, Division Engineer.

(Daily Pacific Builder)

(Feb. 28, 1946)

John J. Slino, 1020 Beacon St., Pittsburg.

EMPLOYMENT SERVICE

For further information regarding positions listed under this classification address Newton D. Cook, Manager, Engineering Societies' Personnel Service, 57 Post St., San Francisco.

MECHL. ENGR., with ammonia refrigeration exper. to manage service dept of mfg. co. Good oppor. for right man. San Francisco. S-576.

MECHL. ENGR., 30-45 years old, with plant maintenance and construction exper. Perm. Salary $300 month. East Bay. S-609.

EXPEDITOR, young engr. with some bldg. exper. to take charge of Finishing Dept. Perm. Salary open. San Francisco. S-602.

ARCHTL. DRAFTSMAN, for work on precision built homes. Sal. open. San Mateo County. S-570.

ARCHTL. DESIGNER, exper. on industrial work. Salary $400-450 mo. San Francisco. S-471.

ENGINEER, (A) with wide exper. on power and irrigation projects for planning supervision; (B) CONSTR. ENGR. exper. on design, layout and construction of construction plants and maintenance of equipment. Sal. open. Apply by letter. China. S-457.

STRUCTL. ENGR., licensed, with design exper. and admin. ability. Also young civil engr. with some structl. drafting exper., to learn business. Salary open. East Bay. S-596.

STRUCTL. DESIGNER, exper. on preparation of steel and concrete design drawings. Salary open. S. F. S-580.

DRAFTSMAN, with general civil engrg. exper., for municipal work. Perm. $300 month. East Bay. S-586.

MECHL. DESIGNER, exper. on plant layout and machine designs. Sal. open. San Francisco. S-617.

ESTIMATOR, prefer young engrg. grad. to learn steel plate mfg. business. Salary $200-250 mo. to start. East Bay. S-618.

Classified Advertising

POSITION WANTED

EXPERIENCED SPECIFICATION TYPIST desires temporary work. Write or wire Lillian Price, 1277 Spruce St., Berkeley.
2/27-28, 3/1-4-5/46

CONSTRUCTION SUPT., PROJECT MANAGER, age 35; engineering background; veteran; heavy construction, utilities and earth-moving. Reply Box 226-A, c/o Daily Pacific Builder. to 2/28/46

POSITION WANTED

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HELP WANTED

EXPERIENCED ENGINEER. Municipal experience preferred. Salary $300 per month. Apply at Personnel Department, Room 215, City Hall, City of Stockton, Stockton, California.
2/26-27-28, 3/1-4/46

JR. ARCHITECTURAL DRAFTSMAN, 2 to 3 yrs. exp. Phone HE. 5904, Painting Division, for appointment. American Building Maintenance Co., 16th and Vermont Sts., S. F.
to Mar. 1, '46

QUANTITY SURVEY MAN for General Bldg. Construction. Must have initiative and good background. Permanent position. Salary open. A. Farnell Blair Co., Inc., 9 Main St., San Francisco. Phone YU. 0390.

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PLANS and Speculations

Willows: A $25,000 recreational construction project will be voted on at the April election to deter- wishes of the electorate for a new swimming pool and youth recreational center.

oOo

Klamath Falls, Ore.: A blueprint survey of Klamath Basin's land and water resources has been drafted by federal reclamation bureau officials and a staff will be set up in July to study the basin and its tributaries.

oOo

Anderson: Authority to employ an engineer to survey and estimate the cost of a water district for Anderson was approved recently at a meeting of the Anderson Public Utility District Association. The chamber of commerce was authorized to do the work.

oOo

Paradise: Officials of the Bank of America have announced plans to open a branch bank here within 90 days, structure and furnishings to cost about $25,000. It will be the first bank for this community.

oOo

Fresno: R. L. Cochran, assistant chief of the federal bureau of the budget's estimates division, on tour of Central Valley Projects sites, visited the Friant dam and the Friant-Kern canal last week to absorb first-hand information about VCP problems. Cochran said he hopes to gather information which will be of assistance in resolving any differences which might exist between the bureau of reclamation and the corps of army engineers over the question of what part each is to have in CVP construction.

oOo

Redding: A new Catholic grammar school will be erected on Eureka way between Willis and Rose, Dr. Julius M. Kehoe, chairman of the fund-raising committee, has announced. Further plans for development of the two-acre site are being discussed.

oOo

Reno: Immediate acquisition of a site for the proposed civic center is advocated by Deming L. Tilton, regional planning director for San Francisco, who outlined a plan for constructing the center at a meeting of the city council recently. An auditorium approximately 250 feet square and a large memorial building are included in plans.

oOo

Turlock: Members of the Turlock Elementary School Board are considering plans which may develop into a building program to relieve Turlock's overcrowded school conditions, Harold F. Markley, board president, announced.

Red Cross Veteran's Friend In War or Peace

Red Cross was their friend thru the years of war. And Red Cross still stands hand in hand with the wounded, the man overseas, the returned veteran and his family.

Its war job is only partly finished. And, in order to finish the task, Red Cross will ask San Francisco to contribute $1,547,000 as its share of the 1946 Red Cross fund which opens March 1.

Jean C. Witter, chairman of the successful 1945 drive, again is general campaign chairman for San Francisco and has as his aides most of the committee heads who assisted him last year. These leaders are eager to give their efforts because of their appreciation of the vital services performed by Red Cross and of the necessity of continuing them.

Several thousand Red Cross field workers remain on foreign duty

(Continued on Page Four)

SYMPOSIUM TO BE HIGHLIGHT OF SEA MEETING MARCH 5TH

A symposium on "Building Codes and Their Relationship to Modern Construction", will be a feature of a joint meeting with architects of the Structural Engineers' Association, Tuesday, March 5, 5:30 p. m., at the Engineers' Club, 206 Sansome St.

The following speakers will give 15-minute talks: (1) Mark Falk, "An Approach To A National Solution of the Earthquake Problem"; (2) Vincent Raney, "Conflicting And Overlapping Regulations Affecting Building Design"; (3) Harold Engle, "Suggestions For Improvement of Fireproofing Requirements In Building Codes". L. Harold Anderson, President, California Railroad Commission, will act as moderator.

Because of limited seating capacity, members are asked to return their dinner reservation cards immediately. Dinner will be served at 6:15 p. m., with the program starting at 7:30 p. m.

Electrical Ideas Booklet In Color

For consumers, architects, builders and contractors, a new "Electrical Living" booklet illustrated in color, with scenes from the Walt Disney production "The Dawn of Better Living" is announced by the Westinghouse Electric Corporation for distribution through utilities and dealers.

The 40-page booklet contains many practical ideas on planning and equipping kitchens, laundries and other rooms, and outlines four degrees of electrification according to the size and type of home. New ideas for lighting beauty and comfort are included. Wiring essentials are listed and discussed, and the booklet stresses the necessity for planning wiring adequate for immediate and future electrical needs.

Copies are available to utilities and dealers at 10 cents each from any Westinghouse distributor.

#

Price Increase Authorized by OPA For Small Boilers

The Steel Boiler Institute, Inc., announces that it has received from the Office of Price Administration an increase of 14 per cent in ceiling prices which were frozen October 1, 1941. Effective Feb. 16, under Amendment 10 to Order 48 of MPR-591, this increase applies to any steel boiler designed to operate at less than 100 pounds steam pressure per square inch; also to sub-assemblies, jackets, repair and service parts specifically designed and produced as a sub-assembly, repair or service part for use on or in connection with a low pressure steel boiler.

Steel Boiler Industry figures show an average increase of 32.94 per cent in basic wage rate schedules since October 1941, and 13.07 per cent increase in material prices during the same period.

The increase in ceiling prices, therefore, is an effort to adjust current costs so as to permit many manufacturers of residential and low pressure steel boilers to produce these items without the losses which some of them have recently sustained. It will also stimulate the production of residential steel boilers which are so badly needed for the President's Veterans' Housing Program, and the volume production of which has been retarded by the prohibitively high costs of producing them.

For Better Building - - New Plan Stops Electrical Job Chiseling

Protection to the electrical contractor who bids competitively on jobs is assured now through the organization of the Electrical Industry Depository of California, a group designed to further the interest of fair and better business practices in the electrical trade.

The following article explains the reasons for the existence of this group, how they operate and what it means to electrical contractors. It protects the building public as well as mutually benefiting the building industry and the electrical contractor.

WHAT IT IS

Under California state law (The Unfair Practices Act) a procedure is set up wherein a large majority of a service industry may be called together and under legal procedure set up regulations which will eliminate a practice that is detrimental to the public and the trade. Under such law the Electrical Industry Depository of California was established; a non-profit, completely independent organization, and its membership is open to anyone. Membership becomes automatic with the filing of a bid with the Depository, no other requirement being necessary, except compliance with its by-laws. The entire process is handled by an absolutely independent agency, having no connection with any association or union.

WHAT IT DOES

By establishing a definite closing time for the receipt of bids and then, after that closing time ONLY, making a public declaration of what the bids are, it discourages the wasteful and unfair practice known as "bid peddling" or "bid shopping." In governmental public works this fixed time and place for bid opening and publishing is established by law. Hence no need exists for electrical contractors to use the Bid Depository in bidding direct to the government, or on private work where the bids are opened in the presence of the bidders. The filing of bids extends to private work this same government process that is fair to all.

WHAT IT MEANS

To the public, to architects and builders, this means that you get the lowest bids possible and you get them first, without the need for sebsequent horse-trading. Under fair bidding practice the public can expect an honest dollar value for electrical work.

To the bidder it means the same fair treatment accorded on public work. It insures that the considerable time and expense he goes to in order to prepare a bid at a fair price gives him a just chance under honest rules to get the work. No one, in fairness, should ever ask a contractor to bid to whom he would not be willing to award the work if his bid is low.

HOW THE OBJECTIVE IS ACCOMPLISHED

A member bidding on a job must secure a definite Closing Time, Date and Place for the receiving of bids. This Closing Time is verified by the Custodian and all bidders are notified to file copies of their bids with the Depository. The Filing Time deadline in a case where the bidding is direct to the owner is two hours prior to the Closing Time set. In the case of a general contractor, where the Closing Time is in the a.m., the Filing Time deadline is at 4:00 p.m. the previous day, and where the Closing Time is in the p.m. the Filing Time deadline is at 9:00 a.m. the same day. After bids have been opened by the owner or his agent, the Custodian will open the filed copies of the bids deposited and furnish each bidder with a tabulation of all bids submitted. Registering or depositing of bids in the Depository is not required where bids are publicly opened and tabulated.

Further information, if required, may be obtained by calling the Custodian of the Electrical Industry Depository of California, 660 Mission Street, San Francisco 5. Telephone YUkon 0553.

GROOVER AND I

LEST WE FORGET

Remember the Bretton Woods Agreement and the International Monetary Fund? You should—it cost you about seven billion dollars!

* * *

As I understand the double-talk of international finance, the Bretton Woods Agreement was to stabilize the exchange of the signatory nations. Then the International Monetary Fund was to permit "slight inflation" or limit the change in established value to 20 per cent.

* * *

Nothing was said about, nor recognition taken of, the Official Black Market which is a recognized and thriving industry in all other countries.

* * *

When inflation becomes rampant, attempting to control the black market is about like trying to pick up a drop of quicksilver with your fingertips.

* * *

This isn't critical of France; it is merely using the French franc to illustrate the figures:

* * *

Under the Bretton Woods Agreement, the franc was stabilized at 119 per U. S. dollar. Under the monetary pact, the exchange was increased to 143 francs per dollar.

* * *

At the time of the Bretton Woods Conference, the French franc was selling in the open black market at 250 per dollar.

* * *

Latest report indicates that the exchange is not less than 300 per dollar.

* * *

Here is the little deal in "sweetness-and-light" arranged by our State Department: **Millions of our soldiers in France were paid in French franc at the rate of 50 per dollar!**

* * *

This means that for the $50 we thought we were paying our GI's, they were receiving, instead, 2,500 frances and their purchases were at French inflated prices.

* * *

Had the GI been paid 50 U. S. dollars, he could have gone around the corner to Pierre's Place and bought 12,500 francs!

Veterans' Guide Published For Construction Field

A complete thorough analysis of opportunities for veterans in the construction industry has been printed in booklet form titled, "Opportunity Unlimited—A Guide for Veterans Interested in the Construction Industry", and is now available to veterans.

Although the 56-page booklet was prepared specifically for veterans, it is of sufficient interest to capable men in the construction industry to warrant inquiry by them.

It is distributed by E. L. Chandler, Secretary, Room 703, Defense Building, 1026 17th Street, N.W., Washington, D. C., who will mail it upon receipt of 10 cents in coin.

Chapters are devoted to the problem of returning servicemen, those interested in acquiring a new trade, persons who wish to take advantage of the apprentice training program and learn the construction industry, "GI's" interested in starting their own business, professions in the construction industry, and information pertinent to the employers' viewpoint and problems in handling returned veterans.

"Opportunities in the industry are greater than ever before," the booklet states, "not only because of prospects for greatly increased construction activity, but also because of the special benefits extended to honorably discharged veterans by legislation which, on the federal level, offers various forms of educational and vocational assistance, loan guarantees to help veterans get started in small business, and veterans' preference in old jobs.

"In many cases," the booklet continues, "such assistance will enable the veteran to train himself for work in the industry and to get started on a sound basis.

"Because all signs in the construction industry point to a greatly increased volume, the industry offers a variety of opportunities to veterans anxious to start small manufacturing plants, go into distribution, work on construction projects, or prepare themselves for technical and professional fields."

NOTICE

The Paulson Lumber Sales Agency, 681 Market Street, San Francisco, is continuing business as usual until further notice, following the recent death of Arthur M. Paulson.

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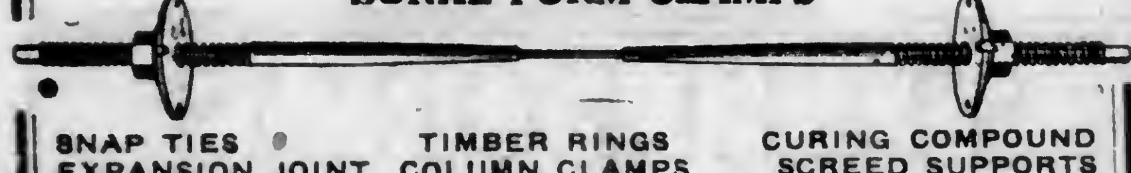

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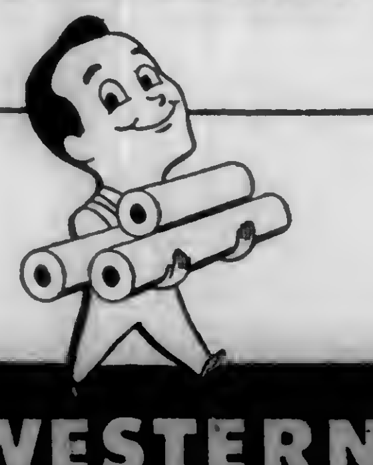

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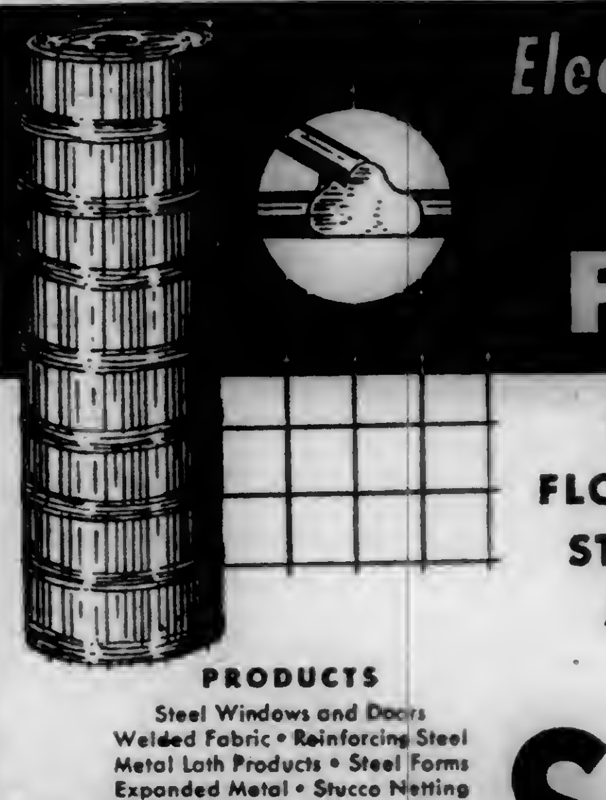

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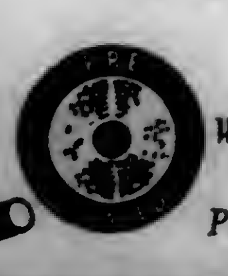

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Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Residential Buildings	22-26
Transportation Bldgs.	27
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1-8—COMMERCIAL BLDGS.

3/4/46 • 6
PLANNED
STORE BLDGS. Est. Cost, $100,000
ALAMEDA, Alameda Co., Cal. Webster Street bet. Central and Taylor Avenues.
Construction of group of store buildings (97 ft. of frontage on Webster Street).
Owner—Duncan and Schwartz, 1440 Broadway, Oakland.

3/4/46 • 4
COMPLETING WORKING DRAWINGS
OFFICES AND STORES
Approximate Cost, $50,000
SAN FRANCISCO. 9th St., between Mission and Market Sts.
Construction of class C two-story and basement office and store building.
Owner—C. C. Brown Co., 26 9th St.
Architect—Francis Lai Chinn, 622 Washington St.

3/4/46 • 6
PLANS COMPLETED
STORE
LOS ALTOS, Santa Clara County, Calif.
Construction of one-story frame store
Owner—Thomas Morlini, c/o architect.
Architects—DeMartini & Igaz, 785 Market St., San Francisco.
Work will be done by day labor.

3/4/46 • 8
PREPARING PLANS
SHOP BUILDING
SALINAS, Monterey County, Calif.
Construction of farm implement repair building (60x110), concrete walls and trusses and foor roof.
Owner—Withheld.
Architects—DeMartini & Igaz, 785 Market St., San Francisco.

3/4/46 4
TO START WORK
OFFICES Est. Cost, $25,000
HANFORD, Kings Co., Calif. Duty Street next to California Gas Co.
Sonstruction of brick offices and showroom (25x95) terrazzo floors.
Owner—The Southern California Edison Company.
Contractor—R. H. Hougham, 1420 Kaweah St., Hanford.

3/4/46 6
PLANNED
STORE BUILDING
NAPA, Napa County, Calif.
Construction of store building to house auto supply business (42x95)
Owner—Jos. Lazarus, 1754 Jefferson Street, Napa.

3/4/46 • 2
BIDS IN—HELD UNDER ADVISEMENT
TRUCK TERMINAL
SAN FRANCISCO. 675 Brannan St.
Construction of reinforced concrete truck terminal building.
Owner—Oregon - California - Nevada Fast Freight Lines, 675 Brannan St.
Architect—W. D. Peugh, 333 Montgomery St.
Announcement shortly.

3/4/46
PLANNED
COMMERCIAL BUILDING
Estimated Cost, $40,000
PITTSBURG, Contra Costa Co., Calif. Fifth to Sixth St., immediately west of Purity's parking strip.
Construction of block-long building to house either a 12-business unit or department store, 1-story structure (35x250).
Owner—Al Affinito, 295 W. 6th St., Pittsburg.
Architect—Philip D. Tomasello, 605 Washington St., San Francisco.

3/4/46 •
CONTRACT AWARDED
RESORT HOTEL Cost, $250,000
SMITH RIVER, Del Norte Co., Calif. Redwood Highway, 1000 ft. south of Oregon-California line.
Construction of 3-story L-shaped redwood frame resort hotel, containing 30 rooms with baths, white stucco exterior, plaster redwood interior, oil hot-water heating system, outdoor salt water heated swimming pool (25x70 ft.), parking lot, driveway.
Owner—H. A. Saunders, Astoria, Ore.
Architect—Roi L. Morin, Public Service Bldg., Portland, Ore.
Contractor—Mercer-Fraser Co., 2nd and Commercial Sts., Eureka.

3/4/46 6
PLANNED
STORE BLDG. Cost, $130,000
SAN LEANDRO, Alameda Co., Cal. East 14th Street near Juana.
Construction of store building (324 ft. of frontage).
Owner—H. B. Watson, c/o Lucky Market, lessee, 337 2nd Ave., Oakland.

3/4/46 2—8
TO START WORK
SHOWROOM Est. Cost, $25,000
HANFORD, Kings Co., Cal. E Sixth St. opp. Central Valley Cooperative Supply Assn.
Construction of glass showroom (25x40) for the Kaiser-Frazer automobile agency.
Owner—Millard D. Woods, Tulare County.
Contractor—R. H. Hougham, 1420 Kaweah St., Hanford.
Construction will begin shortly.

3/4/46 • • 4
PLANS COMPLETED
OFFICE BUILDING
STOCKTON, San Joaquin Co., Calif. South Sutter Street.
Construction of 1-story general office, display room and bookkeeping dept.; part stucco and frace, steel beams, Aklo plate glass and glass block, Acoustic-celotex ceiling, cement floor with asphalt tile, heating and air conditioning systems.
Owner—Union Planing Mill, S. Sutter St., Stockton.
Architect—Joseph Losekann, Room 206 Elks Bldg., Stockton.

3/4/46 • • 8
PLANS BEING FIGURED—
BIDS OPEN MARCH 12
BANK Est. Cost, $65,000
EAST SALINAS, Monterey Co., Cal. Alisal Street.
Construction of one-story reinforced concrete bank building.
Owner—Monterey County Trust and Savings Bank, Alisal Branch.
Architect—Chas. E. Butner, 7 Winham St., Salinas.
Plans are being figured by the following contractors:
Pacific Builders, 312 E. Alisal St., Salinas.
Coast Counties Constr. Co., P. O. Box 509, Salinas.
Lloyd V. Hampshire, 103 National St., Salinas.
Stolte, Inc., 8451 San Leandro St., Oakland.
Harold C. Geyer, 787 Munras Ave., Monterey.
Cliff Hicks, 296 El Camino Real S., Salinas.

3/4/46 • • 2
STARTING WORKING DRAWINGS
GARAGE-DISPLAY ROOM
SALINAS, Monterey Co., Cal. Gabilan Street.
Construction of one-story reinforced concrete garage and display room (100x130) for Nash automobiles.
Owner—Withheld.
Architect—Chas. E. Butner, 7 Winham St., Salinas.

3/4/46 • 8
WORK UNDER WAY
ALTER STORE
OAKLAND, Alameda County, Calif. Washington and 11th Sts.
Alterations to building to prepare for installation of esculator.
Owner—Hale Bros., Washington and 11th Sts.
Architect—Wm. G. Merchant, 57 Post St., San Francisco.
General Contractor—Dinwiddie Construction Co., Inc., 210 Crocker Bldg., San Francisco.
Escalator—Otis Elevator Co., 1 Beach St., San Francisco.

3/4/46 • • 4
SUB-CONTRACTS AWARDED
OFFICE BLDG. ADDN.
Cost, $1,000,000
SAN FRANCISCO. W Main St. 136 S Market Street.
Construction of 15-story and basement Class A addition to office building, 50x137 ft. in area; reinf. concrete and structural steel, terra cotta exterior; 2 or 4 new elevators, etc.
Owner—Matson Navigation Co., 215 Market Street.
Structural Engineer—Leland S. Rosener, 233 Sansome Street.
Contractor—Swinerton and Walberg, 225 Bush Street.
Driving Piles Only for Foundations—M. B. McGowan, Inc., 625 Market.
Wrecking—Cleveland Wrecking Co., 2800 Third Street.

9-10—EDUCATIONAL BUILDINGS

3/4/46 • 10
CONTRACT AWARDED
HONOLULU, T. H.—John F. Nickols, Honolulu, T. H., at $124,387, was awarded contract by the Bureau of Yards and Docks, Navy Department, Washington, D. C., for relocation and construction of Honolulu Magnetic Observatory; NOy 12753.

3/4/46 • 3
CONTRACT AWARDED
WAREHOUSE Cost, $40,000
SAN RAFAEL, Marin County, Calif. Francisco Blvd.
Construction of four quonset type buildings (40x100 ft.), with 3-ft. separations.
Owners—Jack and Jeff Zander, Marin Beverage Co., 523 Francisco Blvd., San Rafael.
Architect—Not announced.
Contractor—Charles E. Warner, 9 Antoinette Ave., San Rafael.

3/4/46 • 9
BONDS VOTED
SCHOOL ADDITION Cost, $72,000
WOODLAKE, Tulare County, Calif. Woodlake Elementary School.
Construct additional classrooms.
Owner—Woodlake Union Elementary School District, F. J. White, superintendent, Woodlake.
Architect—Not announced.
The district voted bonds February 21 in the amount of $72,000 to finance above construction.

3/4/46 • 9
FUNDS APPROVED
SCHOOL ADDITIONS $166,752
SAN BERNARDINO, Calif. Richardson Junior High School, Mill and K Sts.
Construction of shop, cafeteria, auditorium, physical education facilities and remodeling of existing classrooms, adding about 14,000 sq. ft. of floor space.
Owner—San Bernardino School District.
Architect—Not announced.
Application for advance planning funds has been approved, according to Wright L Felt, diviison engineer, Bureau of Community Facilities, Federal Works Agency.

3/4/46 • 9
FUNDS APPROVED
SCHOOL ADDITION Cost, $72,124
SAN BERNARDINO, Calif. Ramona School, 1524 W. 7th St.
Construction of four new classrooms and remodeling, renovation and equipment.
Owner—San Bernardino School District.
The district's application for advance planning funds has been approved, according to Wright L. Felt, division engineer of the Bureau of Community Facilities, Federal Works Agency.

3/4/46 • 9
BOND ELECTION
SCHOOL BUILDING Cost, $13,000
BUTTE COUNTY, Calif.
Construction of school building.
Owner—Pleasant Valley School District of the County of Butte.
Architect—Not announced.
The district will vote March 22 on a proposal to issue bonds in amount of $13,000 to finance above construction.

3/4/46 • 9
FUNDS APPROVED
SCHOOL ADDITION Cost, $54,628
SAN BERNARDINO, Calif. Burbank School, Mill and Mountain View Aves.
Construction of four new classrooms and remodeling and renovations, etc.
Owner—San Bernardino School District
Architect—Not announced.
The district's application for advance planning funds has been approved, according to Wright L. Felt, division engineer, Bureau of Community Facilities, Federal Works Agency.

3/4/46 • 9
FUNDS APPROVED
SCHOOL BUILDING Cost, $151,000
DUNCAN, Greenlee County, Ariz. U. S. Highway No. 70.
Construction of new high school building, including a gymnasium, auditorium, farm shop, music room and shower facilities, covering 17,000 sq. ft. of floor space.
Owner—Duncan Union High School District, J. Vernon McGrath, president, Duncan.
Architect—Norman A. Bell, Phoenix, Ariz.
The district's application for advance planning funds has been approved, according to Wright L. Felt, division engineer of the Bureau of Community Facilities, Federal Works Agency, Berkeley.

3/4/46 9
PLANNED
SCHOOL BLDGS.
LOS GATOS, Santa Clara Co., Calif. East side of Los Gatos.
Construction of primary school.
Owner—Los Gatos Union Elementary School Dist., Board of Trustees, University Ave., Los Gatos.
The school district plans to hold a bond election at some future date to finance construction.

3/4/46 • 9
CONTRACT AWARDED
SCHOOL BUILDING
Contract Price, $113,324
SAN MATEO, San Mateo Co., Calif. Laurel School.
Construction of eight-classroom steel frame school building, concrete floor slab, wood roof rafters and wood stud walls, etc.
Owner—San Mateo Elementary School District, superintendent of school, 120 N. Ellsworth St., San Mateo.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco.
Contractor—C. F. Parker, 1644 Monterey Blvd., San Francisco.
Contract awarded on the basis of accepting all alternates except No. 1.
Complete bids were:
C. F. Parker, San Francisco, $106,9474, (alt. 1) add $250, (alt. 2) add $1150, (alt. 3) add $600, (alt. 4) add $2200, (alt. 5) add $1700, (alt. 6) add $950, (alt. 7) deduct $250.
B. & R. Construction Co., San Francisco, $114,177, (alt. 1) add $309, (alt. 2) add $1115, (alt. 3) add $1127.50, (alt. 4) add $2000.40, (alt. 5) add $1640, (alt. 6) add $985, (alt. 7) add $365.
P. Sartorio, $117,886, (alt. 1) add $360, (alt. 2) add $1000, (alt. 3) add $1296, (alt. 4) add $2346, (alt. 5) add $1886, ()alt. 6) add $1145, (alt. 7) no change.

3/4/46 • • 9
BIDS WANTED—
TO BE OPENED APR. 2, 8 P. M.
SCHOOL ADDITION
STOCKTON, San Joaquin Co., Calif. Lincoln and Jefferson Streets.
Construction of two additional classrooms at Hazelton elementary school.
Owner—Board of Education, Stockton Unified School Dist., Administration Bldg., Stockton.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.
Plans and specifications obtainable from the office of the architect upon deposit of $25.00.
Each bid must be accompanied by cash, certified check or bid bond in amount of not less than 10% of bid.

3/4/46 • 9
BIDS REJECTED
SCHOOL
SHAFTER, Kern County, Calif
Construction of 12 classrooms, alternate bid for 18 classrooms, additions to the Shafter Street School; wood roof, structural steel frame, wood and brick veneer walls, concrete floor, etc.
Owner—Richland Elementary School District, Shafter.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco.
The district rejected all bids which were submitted as follows:
Guy E. Hall, 1326 30th St., Bakersfield, $223,330, (1) $84,934, (2) $3467, (3) $3467, (4) $2760, (5) $1840, (6) $27,000, (7) $1600, (8) $18,723.
James I. Barnes Construction Co., San Francisco, $247,000, (1) $85,000, (2) $2500, (3) $2500, (4) $1000, (5) $500, (6) $22,000, (7) $1600, (8) $17,000.
Bids will be readvertised at the end of the year.

3/4/46 • 9
PREPARING PRELIMINARY PLANS
SCHOOL ADDITION Cost, $70,000
SOQUEL, Santa Cruz County, Calif. Soquel Grammar School.
Addition to present grammar school of three classrooms, cafeteria and lavatories.
Owner—Soquel Union Elementary School District, Soquel.
Architect—Charles E. Butner, 7 Winham St., Salinas.
As previously reported, the school district voted bonds February 14 in the amount of $70,000 to finance the above construction.

11—HOSPITALS

3/4/46 11
BIDS WANTED—TO CLOSE MARCH 22, 2 P. M.
HOSPITAL ADDITIONS
SALEM, Oregon.
Construction of additions No. 1 and 2 to nurses' home for Eastern Oregon State Hospital.
Owner—Oregon Board of Control, Roy H. Mills, Secretary, Salem, Ore.
Architect—Leslie D. Howell, 402 Fitzpatrick Bldg., Portland 5, Ore.
Specifications obtainable from the office of the architect upon deposit of $20.

3/4/46 11
PLANNED
HOSPITAL ADDITION
SAN FRANCISCO. 2200 Post Street.
Construction of hospital addition.
Owner—Mount Zion Hospital, 2200 Post Street.
Architect—Not Selected.
Capital Funds Committee meeting in the Community Chest offices Feb. 8 approved an approximate $2,000,000 building drive from Dec. 1, 1946 through January 1947.

3/4/46 11
PLANNED
MATERNITY HOME
SAN FRANCISCO. Site not selected.
Construction of Class A or B maternity home.
Owner—Florence Crittenton Home, 376 20th Avenue.
Architect—J. Francis Ward, 369 Pine.
Capital Funds Committee meeting in the Community Chest offices Feb. 8 approved an approximate $250,000 building drive to be launched during February 1947.

3/4/46 • 11
PLANNED
HOSPITAL ADDITION
Cost, $132,480
OAKLAND, Alameda County, Calif. 1557 Jackson St.
Construction of addition to the Jackson-Lake Hospital to house 33 beds, together with operating rooms, etc.
Owner—Jackson-Lake Hospital, 1557 Jackson St, Oakland.
Architect—Russell Guerne DeLappe, Claremont Hotel, Berkeley.

12-13—INDUSTRIAL BUILDINGS

3/4/46 • 12
BIDS WANTED
LONG BEACH, Los Angeles Co., Calif.—Until March 11, 1 P. M., bids will be received by the U. S. District Engineer Office, 751 S. Figueroa St., Los Angeles, for the removal of the camouflage and gun positions from the Douglas Aircraft plant, Long Beach; Serial 154.

3/4/46 12
PLANNED
MANUFACTURING PLANT
Estimated Cost, $30,000
SPARKS, Washoe Co., Nev. Stanford Way, south of railroad tracks.
Construction of plant for manufacture of prefabricated houses and ranch buildings.
Owner and Builder—Baird & Allen, Inc., 154 W. First St., Reno, Nev.

3/4/46 12
WORK UNDER WAY
ALTERATIONS TO PLANT
EUREKA, Humboldt County, Calif. Eureka Ice & Cold Storage Co.
Alterations and additions to plant, including installation of sharp-freeze room, reinsulation of entire plant with freezer cells installed, addition of new giant York ammonia compressor and removal of old concrete floors to make way for added insulation in freezer room.
Owner—Hallmark Fisheries, foot of F St., Eureka.
Architect—Not given.
Contractor—Phillips Refrigeration Products Co., 444 Potrero Ave., San Francisco.

3/4/46 • • 12
TO START CONSTRUCTION
STEAM BOILER PLANT
Cost, $123,000
OAKLAND, Alameda Co., Calif.
Construction of brick and steel frame steam boiler plant (building, $33,000; equipment, $90,000).
Owner—Gerber Products Co., 801 98th Ave., Oakland.
Consulting Engineer—Geo E Atkins, 1308 Hobart Bldg., San Francisco.
Contractor—C. H. Thrams, 28 Home Place, Oakland.

3/4/46 • 12
PREPARING PLANS
ADHESIVE PLANT Cost, $200,000
LOS ANGELES, Calif.
Construction of one-story reinf. conc. adhesive plant (93x128-ft.)
Owner—Swift & Co., H. W. Ruskamp Chief Engr., Union Stock Yards, Chicago.
Plans by Engrg. Dept. of Owner.
Plans may be ready for figuring about March 10.

3/4/46 • 12
PLANNED
INDUSTRIAL BLDGS.
Cost, $7,500,000
LOS ANGELES, Calif.
Construction of brick, concrete and steel bar, rod and wire mill bldgs., power plants, etc.
Owner—Bethlehem Steel Co., John Taylor, Chief Engr., East 3rd St., Bethlehem, Pa.
Plans by Engrg. Dept. of Owner.

3/4/46 • 12
PREPARING PLANS
COOLER BUILDING Cost, $300,000
LOS ANGELES, Calif.
Construction of new reinforced concrete cooler building to replace present facilities, to be 3 stories, with future 3 stories more (132x150 ft), including refrigeration.
Owner—Swift & Co., H. W. Ruskamp, chief engineer, Union Stock Yards, Chicago, Ill.
Plans by engineering department of owner.
Plans may be ready for figuring about May 1.

3/4/46 • • 12
TO START WORK
FACTORY Cost, $50,000
SAN FRANCISCO. Williams Avenue and Mendell Street.
Construction of cabinet factory bldg.
Owner and Builder—L. E. Niles Co., 1001 Clement Street.
Engineer—Clarence E. Seage, 681 Market Street.
Work will start within two weeks.

3/4/46 • 12
SITE PURCHASED
EMERYVILLE, Alameda Co., Calif. Green St. between 64th St. and Ocean Ave.
Construction of factory building on 50,000 sq. ft. site.
Owner—Western Paper Box Co., Fred Kewell Jr., 5th and Adeline Sts., Oakland.
Architect—Not announced.

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Superstructure, Shop Bldg. No. 411. Shipfitters and Boilermakers Shop, San Francisco Naval Shipyard; Bids open March 4, 11:00 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
A. Farnell Blair, 9 Main St., San Francisco (YUkon 0390)
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Peter Kiewit Sons Co., 442 Post St., San Francisco (EXbrook 5736)
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Clinton Constr. Co. 383 Folsom St., San Francisco (SUtter 3440).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579)

Shell Chemical Shop and Storage Bldg., Shell Point; Bids open March 6
Howes & Whitaker, 696 Russ Bldg., San Francisco (GArfield 5729)
Stolte, Inc., P. O. Box 781, Pittsburg (1417).

Escalator and Elevator Additions, Lincoln Bldg., 867 Market Street, San Francisco; Bids open March 12, 3:00 P. M.
Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco (EXbrook 5616)
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)

Theatre Bldg., Guerneville; Bids open March 6, 12 Noon.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).

Schools, Castro and Alvarado Sts., Richmond; Bids open March 6, 8 P. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Elmer J. Freethy, 1432 Kearney St., El Cerrito (Landscape 5-3811).
John M. Bartlett, 703 Everett St., El Cerrito (LAndscape 5-9133)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209)

Superstructure for Ordnance Shop, San Francisco Naval Shipyard; NOy 12968; Spec. 17152; Bids open March 18, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
E. S. McKittrick Co., 610—16th St., Oakland (TWin Oaks 5070).
M & K Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
A. Farnell Blair Co., Inc., 9 Main St., San Francisco (YUkon 0390).

Alter Apt. House, 601 O'Farrell St., San Francisco; Bids open March 10
G. P. W. Jensen & Sons, Inc., 320 Market St., S. F. (GArfield 2444)
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).

Esberg Residence, 10th Ave. and Presidio, S. F.; Bids open Mar. 8, 2 P. M.
G. P. W. Jensen & Sons, Inc., 320 Market St., S. F. (GArfield 2444)
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).
Elvin C. Stendell, 105 Gonzalez Dr., San Francisco (JUniper 4-63228)

Alter Yolo Theatre, Woodland; Bids open March 13, 2:00 P. M.
Mariposa Constr. Co., 198 Mississippi St., S. F. (UNderhill 0375)

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ADVANCE CONSTRUCTION REPORTS

14-17—PUBLIC BLDGS.

3/4/46 15
TO PREPARE PLANS
LIBRARY BLDG. Cost, $500,000
FRESNO, Fresno County, Calif.
Construction of county library bldg.
Owner — County of Fresno, Court House, Fresno.
Architect—Frederick L. Swartz, Rowell Bldg., Fresno.

3/4/46 • 15
FUNDS APPROVED
CIVIC CENTER
ALHAMBRA, Los Angeles Co., Calif.
Construction of civic center, including city hall, cost $257,000; city jail building, $181,600; communication building, $18,700; fire station, $34,400.
Owner—City of Alhambra, Edwin A. Ingham, city manager, Alhambra.
Plans by Associated Contractors Quinn & Westberg, Trudeau, Farrell & Tawlins.

The city's application for advance planning funds totaling $20,250 has been approved, according to Wright L. Felt, division engineer of the Bureau of Community Facilities of the Federal Works Agency.

3/4/46 • • 16
BIDS WANTED
EL MONTE, Los Angeles Co., Cal. —Until March 20, 2 P. M., bids will be received by the office of the District Engineer, Federal Works Agcy., Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for new service window, U. S. Post Office, El Monte.

Specifications obtainable from the above office of the District Engineer or from the Custodian of the building at El Monte.

3/4/46 • • 16
BIDS WANTED
SEBASTOPOL, Sonoma Co., Calif. —Until March 20, 2 P. M., bids will be received by the office of the District Engineer, Federal Works Agcy., Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for relining boiler firebox and overhauling oil burner, U. S. Post Office, Sebastopol.

Specifications obtainable from the above office of the District Engineer or from the Custodian of the building at Sebastopol.

3/4/46 • • 16
BIDS WANTED
YUMA, Ariz.—Until March 20, 2 P. M., bids will be received by the office of the District Engineer Federal Works Agency Public Buildings Admin. 838 U. S. Appraiser's Bldg., San Francisco, for relining boiler firebox and misc. plumbing repairs, U. S. Post Office, Yuma, Arizona.

Specifications obtainable from the above office of the District Engineer or from the Custodian of the building at Yuma.

18-19—RELIGIOUS BLDGS. BUILDINGS

3/4/46 19
PLANNED
CHURCH
MONTEREY, Monterey County, Calif. Lighthouse Ave near First St.
Construction of new church building.
Owner—First Baptist Church, California and Winham Sts., Monterey.

20-21—SOCIAL AND RECREATIONAL BLDGS.

3/4/46 • 20
BIDS WANTED
OAKLAND, Alameda Co., Calif.—Until March 13, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Room 312, 512 16th St., Oakland, under Pro. 1718 for 200,000 sq. ft. galvanized and welded steel wire fabric, 2x4-in. weave, gage No. 13.

Specifications obtainable from the above office.

3/4/46 • • 21
PLANS BEING FIGURED—
BIDS OPEN MARCH 13, 2 P. M.
THEATRE
WOODLAND, Yolo Co., Calif. Main Street.
Alterations to Yolo Theatre.
Owner—Yolo Theatre, Main and Elm Streets, Woodland.
Architect — O. A. Deichmann, 1026 Market St., San Francisco.

Plans are being figured by a selected list of contractors.

22-26—RESIDENTIAL BUILDINGS

3/4/46 • 24
PREPARING PLANS
RESIDENCE Est. Cost, $8000-$10,000
LAFAYETTE, Contra Costa County, Calif.
Construction of one- and one-half-story residence.
Owner—Withheld.
Architect—Guy L. Brown, Bank of Commerce Bldg., Oakland.

3/4/46 • 24
PREPARING PLANS
RESIDENCE Est. Cost, $12,000
WALNUT CREEK, Contra Costa Co., Calif.
Construction of one and part two-story residence.
Owner—Withheld.
Architect—Guy L. Brown, Bank of Commerce Bldg., Oakland.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Water Supply and Sewage Disposal Plants 31-32
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Dams, Reservoirs and Dredging 34
Docks, Piers & Harbors 35
Parks, Airports and Playgrounds 36
Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

3/4/46 • 32
PLANNED
SEWAGE TREATMENT PLANT
Cost, $520,000
HAYWARD, Alameda County, Calif.
Construction of sewage treatment plant.
Owner—City of Hayward, City Hall, Hayward.
Engineer—John A. Mancini, city engineer, City Hall, Hayward.

3/4/46 • 32
BOND ELECTION
REDDING, Shasta Co., Calif.—The City of Redding will vote April 9 on a proposal to issue $201,000 in bonds for constructiton of sewage disposal plant.

Plans by City Engineer H. A. Ross.

33—BRIDGES

3/4/46 • 33
BOND ELECTION
REDDING, Shasta Co., Calif.—The City of Redding will vote April 9 on a proposal to issue bonds in amount of $225,000 for the Gold St. underpass.

Plans by City Engineer H. A. Ross.

34—DAMS, RESERVOIRS & DREDGING

3/4/46 • 34
BIDS WANTED
MOSS LANDING, Monterey Co., Calif.—Until March 21, 2 P. M., bids will be received by the U. S. Engineer Office, 74 New Montgomery St., San Francisco, under Serial No. 04-203-46-5 for dredging and jetty construction at Moss Landing Harbor, Monterey Bay.
(1) 66,000 cu. yds. dry excavation;
(2) 650,000 cu. yds. dredging;
(3) 216 each pile driving (certical piles);
(4) 199 each pile driving (brace piles)
(5) 7000 sq. ft. sheeting, 4-in.;
(6) 23,800 sq. ft. sheeting, 6-in.;
(7) 61.5 M b.m. timber framing;

Specifications obtainable from the above office.

36—PARKS, AIRPORTS & PLAYGROUNDS

3/4/46 • • 36
BIDS WANTED—
TO CLOSE MARCH 11, 4 P. M.
RESURFACE TENNIS COURTS
RED BLUFF, Tehama Co., Cal. Red Bluff Union High School.
Resurface three tennis courts.
Owner—Red Bluff Union High Sch. Dist., Fred H. Weeks, Clerk, Red Bluff.
Plans by Owner.

Specifications obtainable from the office of the district clerk.

3/4/46 • 36
FUNDS APPROVED
SWIMMING POOL Cost, $32,300
CASA GRANDE, Pinal County, Ariz.
Construction of municipal swimming and wading pool in the city park.
Owner—City of Casa Grande, Holmes Galloway, mayor.
Architects — Johannessen & Girand, Phoenix, Ariz.

The city's application for advance planning funds has been approved, according to Wright L. Felt, division engineer of the Bureau of Community Facilities of the Federal Works Agency, Berkeley.

3/4/46 • 36
PROSPECTIVE BIDDERS
SAN FRANCISCO.—The following contractors have taken out plans for airport extension fill, pavement and related construction at the San Francisco Airport for which bids will be opened March 12, 3 P M., by the Public Utilities Commission, Room 287 City Hall, under San Francisco Airport Contract No. 82:

Guy F. Atkinson Co., Orange and Railroad Aves., South San Francisco.

Union Paving Co. ,212 Babcock Bldg., San Francisco.

San Francisco Bridge Co., 503 Market St., San Francisco.

Macco Construction Co., Freight and Ferry Sts., Oakland.

Piombo Bros. & Co., 1571 Turk St., San Francisco.

Olympian Dredging Co., 525 Market St., San Francisco.

Hubert H. Everist Sr., 604 Mission St., San Francisco.

Case Construction Co., Box 416, Alameda.

Ben C. Gerwick, Inc, 112 Market St., San Francisco.

Charles L. Harney, 625 Market St., San Francisco.

Pacific Bridge Co., 333 Kearny St., San Francisco.

Eaton & Smith, 715 Ocean Ave., San Francisco.

Western Dredging & Construction Co., 315 Park Central Bldg., Los Angeles.

Hydraulic Dredging Co., Ltd., 1221 Central Bank Bldg., Oakland.

Peter Kiewit Sons Co., 442 Post St., San Francisco.

George Pollock Co., Forum Bldg., Sacramento.

Granite Rock Co., Box 151, Watsonville.

Franks Dredging Co., 260 California St., San Francisco.

T. E. Connolly, 461 Market St., San Francisco.

Standard Dredging Corp., 800 Central Bldg., Los Angeles.

American Dredging Co., 1419 Broadway, Oakland.

37— RAILROADS, SUBWAYS & TUNNELS

3/4/46 • • 37
PROSPECTIVE BIDDERS
ROUGH AND READY ISLAND, near Stockton, San Joaquin Co., Cal. —As previously reported, until Mar. 12, 11 A. M., bids will be received by the officer in charge of construction, Naval Supply Annex, Rough & Ready Island, for approx. 8 miles of railroad at the Naval Supply Depot.

The work involves removing present 75-pound rails and replacing with 90- to 110-lb. rails.

Plans and specifications obtainable from the above officer in charge of construction upon deposit of check or money order payable to the Chief of the Bureau of Yards & Docks.

Following contractors have taken out plans:

Sharp & Fellows Contr. Co., and Wm. A. Smith, 593 Market St., San Francisco.

O. B. Richter, Box 264, Lodi.

Clifford C. Bong & Co., 6 North 1st Ave., Arcadia.

Eaton & Smith, 715 Ocean Ave., San Francisco.

A. D. Schader. 144 Spear St., San Francisco.

R. Goold & Son, Box 190, Stockton.

H. B. Nicholson, 572 Chamber of Commerce Bldg., Los Angeles.

Guerin Bros., 208 S. Linden Ave., South San Francisco.

38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

3/4/46 • • 38
COMPLETE BIDS
OROVILLE to Sacramento, Calif. As previously reported, H. H. Walker, Inc., 1816 S Grand Ave., Los Angeles, and P. O. Box 389, Ellensburg, Wash., at $281,760.70 submitted low bid to the Bureau of Reclamation, Denver, Feb. 25, for construction of a 230-kilovolt transmission line from Oroville to Sacramento; Spec. No. 1152.

The transmission line, approximately 56 miles in length, will be a 230,000-volt, 3-phase, 60-cycle, 3-wire, single-circuit of steel-tower construction. The towers will be from 60 feet to 110 feet in height. The conductors for the line will be either 795,000-circular mil aluminum, steel reinforced, or 500,000-circular mil expanded type copper. Two transpositions will be constructed in the line. The tower footings will be of the reinforced concrete type.

Bids were taken as follows:
(1) lump sum, clearing land and right of way;
(2) 3000 c.y. common excavation for foundations;
(3) 600 c.y. rock excavation;
(4) 1800 c.y. place concrete in tower foundations;
(5) 240,000 lbs. furnish, fabricate and place reinf. steel in tower foundations;
(6) 75,000 lbs. place steel stubs for tower foundations;
(7) 4,500,000 lbs. erection of towers complete;
(8) 56 3-phase circuit miles of line stringing 500,000 circular mil-segmented hollow-copper conductors;
(9) 858 assemblies, assemble and attach single string suspension insulator assemblies with 16 insulator units;
(10) 36 assemblies, same as above, double string;
(11) 60 assemblies, same as above, double string with 17 insulator units per string;
(12) 56 miles of line stringing, 2 ½-in. galv. steel overhead ground wires;
(13) 350 posts, place fence, ground posts and grounding fences.

Total bids were:
(A) H. H. Walker, Inc., Los Angeles, $281,760.
(B) nderground Constr. Co., Oakland, $426,883.
(C) Stolte, Inc., Oakland, $487,616.
(D) Electric Constr. Co., Tacoma, Wash., $496,780.
(E) Abbett Electric Co., San Francisco, $565,222.

Unit bids were:

	(A)	(B)	(C)	(D)
(1)	$17.820	$32.243	$35.000	$25.000
(2)	9.750	13.950	22.500	39.000
(3)	3.600	2.790	9.000	10.200
(4)	51.300	81.000	112.500	113.400
(5)	24.000	28.800	16.800	38.400
(6)	4.500	5.250	1.125	15.000
(7)	85.500	121.500	168.750	146.250
(8)	49.728	84.000	99.064	72.800
(9)	2.745	8.580	11.445	4.290
(10)	.354	.720	.959	.540
(11)	.945	1.500	1.597	6.000
(12)	31.080	44.800	6.776	22.400
(13)	.437	1.750	2.100	3.500

(E)

(1)	$54.000	(2)	$30.000
(3)	38.400	(4)	117.000
(5)	21.600	(6)	6.750
(7)	225.000	(8)	49.280
(9)	8.580	(10)	.540
(11)	1.020	(12)	11.827
(13)	1.225		

39—SEWERS

3/4/46 • 39
PLANNED
SEWAGE PROJECTS
HAYWARD, Alameda County, Calif.
Improvement of outfall line, $7000; improvement of collecting system, $9000; increasing capacity of existing sewer lines, $100,000; storm drainage on upper B St., $23,000; storm sewer work on Sunset Blvd., $24,000; E and Jackson Sts. storm drainage improvements, $28,000, and Main St. drainage, $9000.
Owner—City of Hayward, City Hall, Hayward.
Engineer—John A. Mancini, city engineer, City Hall, Hayward.

3/4/46 • • 39
BIDS WANTED
MILL VALLEY, Marin Co., Calif. —As previously reported, until Mar. 20, 8 P. M., bids will be received by the City of Mill Valley, City Clerk, City Hall, Mill Valley, for the construction of sanitary sewer system including vitrified clay pipe sewers of 8-, 10-, 12-, 15-, 18-, 21- and 30-in. sizes, cast iron pipe sewers of 8- and 12-inch sizes, together with manholes, lampholes, stubs, Y branches and appurtenances and a reinf. concrete trestle on wood piles for supporting the 30-inch VP pipe in unstable ground.

Work involves:
(1) 1640 l.f. constructing 30-in. vit. pipe sewer complete;
(2) 864 l.f. constructing 30-in. vit. pipe sewer on trestle, incl. construction of reinf. concrete and wood pile trestle, complete;
(3) 1883 l.f. constructing 21-in. vit. pipe sewer complete;
(4) 664 l.f. constructing 18-in. do;
(5) 4145 l.f. constructing 15-in. do;
(6) 4253 l.f. constructing 12-in. do;
(7) 1352 l.f. constructing 10-in. do;
(8) 2215 l.f. constructing 8-in. do;
(9) 54 l.f. constructing 12-in. CI pipe sewer complete;
(10) 87 l.f. constructing 8-in. do;
(11) 250 c.y. rock for unsuitable subgrade material, furnished and placed complete in trench;
(12) 41 stand. manholes with frames, covers, dust-pans and rungs constructed in sewer complete;
(13) 4 drop manholes with frames, covers, dust pans and rungs constructed in sewer complete;
(14) 2 manholes with frames, covers, base slab, dust pans and rungs constructed in 30-in. sewer on pile trestle, complete;
(15) 1 lamphole with frames and covers constructed in sewer, complete;
(16) 1 18-in. vit. pipe stub with plugs constructed in sewer, complete;
(17) 1 12-inch do;
(18) 3 10-inch do;
(19) 7 8-inch do;
(20) 5 30x6-in. vit. pipe Y branches constructed in sewer, complete;
(21) 15 21x6-inch do;
(22) 7 18x6-inch do;
(23) 67 15x6-inch do;
(24) 67 12x6-inch do;
(25) 30 10x6-inch do;
(26) 40 8x6-inch do;
(27) 1 unit installation for protecting 30-in. VC pipe under railroad near manhole No. 7, incl. excav., corru. pipe, gravel, etc., complete according to plans but not including the furnishing or installing of 30-in, pipe;
(28) 1 unit installation for protecting 10-in. VC pipe under railroad near manhole No. 10, incl. excav., concrete, etc., complete according to plans, but not incl. the furnishing or installing of 10-in. VC pipe;
(29) 28 l.f. constructing 8-inch vit. pipe sewer connections between new manholes and existing sewer structures;
(30) 108 l.f. constructing 10-in. do;
(31) 10 l.f. constructing 12-in. do;
(32) 10 l.f. constructing 15-in. do.

Specifications obtainable from the office of Engineer John S. Bates, 3134 Eton Ave., Berkeley, upon deposit of $25, returnable.

3/4/46 • 39
CONTRACT AWARDED
SAN FRANCISCO.—E. J. Treacy, 425 Dewey Blvd., at $7090.60, awarded contract by the Department of Public Works, Room 282 City Hall, for laying sewer from Jackson St. to Presidio Ave.; Spec. 19813.

40— STREETS AND HIGHWAYS

3/4/46 • • 40
RECOMMENDED
HAYWARD, Alameda Co., Calif.—City Engineer John A. Mancini has recommended the resurfacing of upper B Street at a cost of $40,000, to the Hayward City Council. Project will include an area from First St. to the easterly city limits.

3/4/46 • • 40
RECOMMENDED
HAYWARD, Alameda Co., Calif.—City Engineer John A. Mancini has recommended to the Hayward City Council the following water improvements:
(1) 500,000-gal. steel tank located at C and Alice Sts., $83,000;
(2) 1,500,000-gal. reservoir east of Castro Street, $72,000;
(3) improvements in the water distribution system, $90,000;
(4) smaller distribution line replacements and expansions, $51,000;
(5) new 12-inch water main west of Castro Street, $50,000;
(6) standby power for pumping station, $40,000.

3/4/46 • 40
LOW BIDDERS
CLARK COUNTY, Nev. — Westbrook & Pope, 1331 C St., Sacramento, at $422,096.05, submitted low bid to the State of Nevada Directors of the Department of Highways, Robert A. Allen, state highway engineer, Heroes' Memorial Bldg., Carson City, Nev., for construction of 18.842 miles of state highway in Clark County, from a junction with U. S. 95, approximately one mile north of the Nevada-California state line, to Davis Dam, Route 77, Section A.

Dodge Construction, Inc., Fallon, Nev., at $427,046.36, submitted second low bid.

Complete bids will be published shortly.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Misc. Supplies & Materials 42
Machinery and Equipment 43

42— MISC. SUPPLIES AND MATERIALS

3/4/46 • 42
BIDS WANTED
COTTAGE GROVE, Ore. — Until March 6, 5 P. M., bids will be received by the City of Cottage Grove, office of the city recorder, City Hall, Cottage Grove, Ore., for furnishing f.o.b. cars Cottage Grove, Ore., approximately 5000 lin. ft. of 14-in. ID pipe for water works purposes. Specifications available from the office of Engineers Stevens & Koon, Spalding Bldg., Portland, Ore.

Alternate bids will be received and considered for materials of machine-banded wood, electric-welded steel, cement-lined cast iron and cement-asbestos.

3/4/46 • 42
CONTRACT AWARDED
OAKLAND, Alameda Co., Calif.—Gardner Electric Co., 4227 Hollis St., Emeryville, at $4725, awarded contract by the East Bay Municipal Utility District, 512 16th St., Oakland, under Pro. 1706 for furnishing three 500-kva. outdoor transformers.

3/4/46 • 42
CONTRACT AWARDED
OAKLAND, Alameda Co., Calif.—Moran Plumbing Supply Co., 6th and Jackson Sts., Oakland, at $12,252, was awarded contract by the East Bay Municipal Utility District, Daniel Read, secretary, 512 16th St., Oakland, under Pro. 1711 for gate valves.

3/4/46 • 42
CONTRACT AWARDED
OAKLAND, Alameda Co., Calif.—American Cast Iron Pipe Co., Sharon Bldg., San Francisco, at (1) $18,702.05, (2) $8315.64, awarded contract by the East Bay Municipal Utility District, 512 16th St., Oakland, under Pro. LS-347 for furnishing 3755 cast iron and spigot water pipe fittings of 4- to 12-inch diameter.

3/4/46 • 42
CONTRACT AWARDED
OAKLAND, Alameda Co., Calif.—Neptune Meter Co., 320 Market St., San Francisco, at $24,536.50, awarded contract by the East Bay Municipal Utility District, 512 16th St., Oakland, under Pro. 1712 for furnishing approximately 2500 water meters.

3/4/46 • 42
NOTICE OF SALE
SAN FRANCISCO—Until March 14, 10 A. M., bids will be received by the Navy Material Redistribution and Disposal Office, 785 Market St., San Francisco under Sales Catalog No. B-306-46 for miscellaneous materials (fire extinguishers, pole line equipment, insulating materials, etc.), located at Pollock Stockton Shipbuilding Co., Mt. Diablo Ave., Stockton.

3/4/46 • 42
BIDS WANTED
OAKLAND, Alameda Co., Calif.—As previously reported, until March 13, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Room 406, 512 16th St., Oakland, under LS-349 for furnishing steel pipe for Orinda filter plant, wash water line.

Bids will be taken on:
(1) 862 lin. ft. electrically welded steel pipe, 25-in. O.D. by 3/16-in. thick, with fittings and appurtenances;
(2) lump sum, install 828 lin. ft. cement mortar lining ½-in. thick on inside surfaces of 25-in. O.D. steel pipe;
(3) lump sum, install 520 lin. ft. exterior cement mortar coating ¾-in. thick on outside surfaces of 25-in. O.D. steel pipe.

Specifications obtainable from the above office.

43— MACHINERY AND EQUIPMENT

3/4/46 • • 43
BIDS WANTED
SACRAMENTO, Calif. — Bids will be received by the State Purchasing Agent, Sacramento, for furnishing equipment as follows:

March 4
QUO. 38247; Req. 204:
One manure spreader, 4-wheel rubber tires, Oliver, or equal, fob Napa.

March 6
QUO. 38461; Req. A-110562:
One truck and trailer, liq. asph. MC-2, fob vender's spreading equipment 4 miles east of Indio on Highway 60.

March 7
QUO. 37923; Req. 3965:
Two heavy weight jackhammer drills for 7/8-in. steel fob Redding.
QUO. 37925; Req. 3932:
Two 400-gal. heating kettles with power spray, Littleford MDL 101 or equal, fob Redding.

March 8
QUO. 37926; Req. 4781:
Seven asphalt heating kettles approx. 400-gal. capacity, 2-wheel trailer type with pneu. tires, fob Fresno.

March 13
QUO. 37924; Req. 26378:
Two ½-c.y. gas powered truck shovels, fob Eureka.

3/4/46 • • 43
BIDS OPENED
SACRAMENTO, Cal.—The following submitted bids to State Purchasing Agent, Sacramento, for equipment as follows:

QUO. 36387; Req. 309-334:
Edward R. Bacon Co., $605.80, del. indefinite; net.
A. L. Young Mchy., $526.90, minus $36.75 if chute is wanted instead of gated batch hopper; 45-60 da.; disc 2% 30.
Coast Equip. Co., $420; 30 day del.; net.
Rick Williams, $381; for tilter type; 50-60 day del.; net.
Standard Machy., $442; 60 days ded. Net.

QUO. 36969; Req. 3884:
Edward F. Hale Co., Huber MDL, $3600; 100 day del.; disc. 2% 30.
Capital Tractor, Buffalo-Springfield KT-16, $3545.63; immediate del.; no disc.
Western Traction Co., Galion, $3,545; 30-45 day del.; disc. 1% 20.

QUO. 36966; Req. 3885:
N. E. Otterson & Co., S. F., Seco type J MDL 126 for two, $1764; $22 for extra screen; 10 wks. del.; disc. 2% 10 days.
Alt. bid on New Holland MDL 241-E-6, $1680 for two; $37 for extra screen; 12 weeks del. disc. 2% 10.

3/4/46 • 43
BIDS WANTED
ROSEVILLE, Placer Co., Calif.—Until March 11, 8 P. M., bids will be received by the Roseville Joint Union High School District, Willard Deitrich, clerk, Roseville, for pickup truck of 80 h.p. or more.

3/4/46 • 43
BIDS WANTED
SAN LUIS OBISPO, Calif.—Until March 7, 2 P. M., bids will be received by the State Division of Highways, L. H. Gibson, district engineer, 50 Higuera St., San Luis Obispo, for rental of one 60- to 80-lb. jackhammer for not to exceed 30 days in San Luis Obispo County.

Specifications obtainable from the above office.

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Building Permits, Contracts---Recorded Notices

BUILDING PERMIT Applications

SAN FRANCISCO

CLASS "C" 2-STORY STORE BLDG., $38,000; N Post 177.6 W Larkin; owner and builder, Larsen & Larsen, 629 Bryant St.

CLASS "C" SHOWROOM and OFFICES (first unit), $26,000; SW Columbus Ave and Bay St; owner, Royal Motor Sales, prem; builder, DeLuca & Son, 1745 Filbert; architects, Blanchard & Maher, 369 Pine.

2-STORY FRAME FLATS (2), $20,400 each; N Greenwich 185, 215 W Leavenworth; owner, Milton H Lees, 222 Front; builder, Oliver M Rousseau, 725 Tehama.

2-STORY FRAME FLATS, $20,400; N Greenwich 155 W Leavenworth; owner, Elsie I Rousseau, 1100 Sacramento; builder, Oliver M Rousseau, 725 Tehama.

ALTER FLATS and RESTAURANT, $18,000; S Taraval 107.6 W 33rd Ave; owners, Mr and Mrs Drury, 1462 Linden Way, San Jose; builder, McKeon Construction Co, 948 Taraval St.

ALTER RESTAURANT, $18,000; SE 7th and Market; owner, Foster Lunch Co, 986 Mission; day work.

2-STORY FRAME FLATS, $12,400; NW corner 25th St nad San Jose; owner, Robert Scharetg, 2200 Sutter St; builder, Oliver M Rousseau, 725 Tehama.

2-STORY FRAME FLATS (3), $12,200 each; N Greenwich 178, 204, 230 E Gough; owner, Milton H Lees, 222 Front St; builder, Oliver M Rousseau, 725 Tehama.

2-STORY FRAME FLATS (2), $12,200; N Grenwich 282, 256 E Gough; ownr, Milton H Lees, 222 Front St; builder, Oliver M Rousseau, 725 Tehama St.

2-STORY FRAME FLATS (2), $12,200 each; N Greenwich 100, 126 E Gough; owner and builder, Oliver M Rousseau, 725 Tehama St.

2-STORY FRAME FLATS, $12,200; N line Greenwich 152 E Gough; owner, Milton H Lees, 222 Front St; builder, Oliver M Rousseau, 725 Tehama St.

1-STORY CLASS "C" DAIRY, $12,000; S Oakdale 300 E Selby; owner, Dairy Belle Farms, 2065 Oakdale Ave; builder, Robert McCarthy Co, 1050 Kirkham.

2-STORY FRAME FLATS, $11,800; N 25th St 69.6 W San Jose; owner, Robert Scharetg, 2200 Sutter St; builder, Oliver M Rousseau, 725 Tehama St.

2-STORY FRAME FLATS (2), $11,400 each; W Gough 50, 82 S Greenwich; owner and builder, Oliver M Rousseau, 725 Tehama St.

2-STORY FRAME FLATS, $11,300; W Gough 108 S Greenwich; owner and builder, Oliver M Rousseau, 725 Tehama St.

2-STORY FRAME FLATS, $11,000; N 25th St 123 W San Jose; owner, Robert Scharetg, 2200 Sutter St; builder, Oliver M Rousseau, 725 Tehama St.

2-STORY FRAME FLATS, $11,000; SW Cervantes Blvd 340, 322 SE Beach; owner and builder, Oliver M Rousseau, 725 Tehama St.

2-STORY FRAME FLATS (2), $10,400 each; W Scott 28.6, 59 S Vallejo; owner, Milton H Lees, 222 Front; builder, Oliver M Rousseau, 725 Tehama St.

2-STORY FRAME FLATS (2), $10,000 each; N 25th St .97 W San Jose; W San Jose 27.11½ N 25th St; owner, Robert Scharetg, 2200 Sutter St; builder, Oliver M Rousseau, 725 Tehama St.

ALTER OFFICE BUILDING, $10,000; 600 Market St; owner, Schwabacher & Co, premises; builder, Jacks & Irvine, 630 Market.

DWELLINGS (1-story frame) (2), $8500 each; S Clay 25, 51 W Maple; owner, Milton H Lees, 222 Front St; builder, Oliver M Rousseau, 725 Tehama St

DWELLING (2-story frame), $6300; SW corner Scott and Vallejo; owner, Milton H Lees, 222 Front St; builder, Oliver M Rousseau, 725 Tehama St.

DWELLINGS (1-story frame) (2), $4500 each; S Hale 48.6, 72.9 Boylston; owner, John Munson, 140 So Park; day work.

CLASS "C" SERVICE STATION, $4500; NE Silver and Boylston; owner, Chas K Mang, 526 Silver Ave; builder, John Munson, 140 South Park.

CLASS "C" SERVICE STATION, $4500; NE San Bruno and Woolsey; owner, Mrs Anna Stagnaro, 2737 San Bruno Ave; builder, John Munson, 140 South Park.

CLASS "C" SERVICE STATION, $4000; gore corner Mission and Morse; owner, B Norwitt, 281 Ellis St; builder, John Munson, 140 South Park.

ALTER COFFEE SHOP, $2000; NW O'Farrell and Taylor; owner, California Hotel, prem; builder, Mangrum, Holbrook & Elkus, Fell and Gough.

ALTER LIQUID CARBONIC, $2000; 236 Steuart; owner, Liquid Carbonic Corp, 236 Steuart St; builder, Louis C Dunn Co, 681 Market.

ALTER WAREHOUSE, $2000; 255 12th St; owner, American Can Co, prem; builder, Larsen & Larsen, 629 Bryant.

ALTER TAVERN, $1000; 1969 Union St; owner, Louis Bottl, 2060 Union St; day work.

ALTER STORE, $1000; 1009 Market; owner, Warfield Luggage Shop, premises; builder, J A Gordon, 252 Chattanooga St.

ALTER APTS and COMMERCIAL, $1000; 2828-30 Geary Blvd; owner, J D Levon, 2824 Geary Blvd; day work.

ALTER STORE, $950; 1055 Market; owner, Kirby's Shoe Store, prem; builder, Wilshire Construction Co, 367 N Hayworth, Los Angeles.

ELECTRIC SIGN, $584; NE 18th Ave and Geary Blvd; owner, Geary Drug Co, prem; builder, Electrical Products Corp, 810 Harrison St.

ALTER DWELLING, $500; 156 Guttenberg St; owner, Ernest W Bloch, premises; day work.

BUILDING PERMIT Granted

SAN FRANCISCO

FEBRUARY 28, 1946

STORE, frame 2-story, $10,000; S Geary 88 E 16th Ave; owner, Paul Singer.

DWELLING, 1-story frame, $3500; W San Diego St 142 S Panama; owner, Hugh Bauer.

ALTER apts, $2000; 2185 O'Farrell; owner, T Varakin.

ALTER flats, $900; 406 Clayton St; owner, D Arseneff.

STORES and bank, 1-story frame, $32,500; W Polk 92 N Green; owner Mendo Corp.

ALTER restaurant, $500; 3286 Mission St; owner, Mr Wagoner.

DWELLING, 1-story frame, $4500; S Donner Ave 150 W Phelps; owner, Andrew Ardfto.

DWELLINGS, three 1-story frame, $5500 each; E 29th Ave 75, 100, 125 S Quintara; owner, Chas Ingerman.

THEATRE, Class A, $185,000; South Geary Blvd 200 E Arguello Blvd; owner, S F Theatres, Inc.

FOUNDATION, 1st unit Class B, $70,000; SW Cor Market and 9th; owner, Western Merchandist Mart.

ALTER bldg, $5000; 468 Pine Street; owner, V Feder.

WAREHOUSE, Class C, 7th and Irwin Sts; owner, Standard Oil Co.

OFFICES, Class B, $460,000; NW cor California and Battery Streets; owner, John R Cahill.

STORAGE shed, 1-story frame, $60,000; S Army St bet DeHaro and Kansas; owner, National Lead Co.

MFG Bldg, Class A all-steel, $20,000; W Third St 100 S 18th Street; owner, Frank W Brady.

OAKLAND

ADDITION, $1800; 720 Beatie Street; owner, H Kaven, prem; contractor, Taylor & Gholar, 1525 Fairview St, Berkeley.

REPAIR fire damage, $800; 3124 Harrison St; owner, Mr Moore, 3124 Harrison St; contractor, E O Linstad, 1234 54th Ave.

ALTERATIONS, $12,000; 501-03 7th St; owner, Reliance Realty Co, 501 7th St; contractor, U E Sigge, 3912 Linwood Ave; architect, Guy L Brown, 601 Bank of Commerce Bldg.

DWELLING, 2-story 6-room, $8500; 2031 Tampa Ave; owner and contractor, James Fobello, 2811 Coolidge Avenue.

STORE, 1-story concrete, $20,000; 389-93 Grand Ave; owner, Robert C Beck, prem; contractor, C Norman Peterson, 70 Rock Lane, Berkeley; architect, Irwin Johnson, 449 MacArthur Blvd W.

DWELLING, 1-story 4-room, $4,000; 6922 Weld St; owner and builder, H P Fisher, 376 17th St.

ADDITION, $700; 7409 Circle Hill Drive; owner and builder, Jas L Drake, 7409 Circle Hill Drive.

ALTERATIONS, $15,000; 379 30th St; owner, Howard J Hall, prem; contractor, B & R Constr Co, 268 Market St, San Francisco; architect, Reynolds & Chamberlain, 3838 Piedmont Ave.

SIGN, electric, $2000; 1601 Broadway; owner, Drs E and J Lazarus, 1601 Broadway; contractor, Electrical Prod Corp, 950 30th St.

BERKELEY

ROOF, $510; 1432 Neilson; owner, E L Turner, 1432 Neilson; builder, Dillon Roofing, 5212 San Pablo.

ALTERATIONS, $3500; 1435 Oregon; owner and builder, Berkeley Renovating Co, 2144 San Pablo.

OFFICE, $1000; 2050 Second; owner and builder, C M Teigland, 600 University.

REPAIRS, $3000; Chemical Laboratory, University of California; owner, Regent of University of California, Berkeley; builder, W A Rose, 478 25th St, Oakland.

OFFICE, $6300; 1619-21 Shattuck; owner, Stanley Kendall, 1662 Shattuck; builder, W H Conner, 1733 Francisco; plans by F H Ames.

5-ROOM DWELLING, $7500; 12 Parnassus; owner, Harold W Smith, 5 Crescent; builder, Leonard Ver Mehr, 2518 Etna; plans by Phil L Coates.

ALTERATIONS, $636; 2730 Telegraph; owner, C L Foster, 3000 Castro Valley Rd, Hayward; builder, E O Linsted, 1234 54th Ave, Oakland.

ALTER, $2000; 2842-44 Prince; owner, Clarice Helm, 2842 Prince; builder, C M Teigland, 600 University; plans by E M Hicks.

SAN BRUNO

GARAGE and service station, $35,000; cor El Camino Real and Angus Ave; owner, Smallcomb Motor Co, 601 El Camino Real, San Bruno; architects, Sharps & Brown, 1477 Burlingame Ave, Burlingame.

SAN MATEO COUNTY
Unincorporated

CONCRETE Bldg, $22,000; Lots 14 and 15 Blk 1, Dumbarton Acres; owner, Sjoberg-Ferguson, 334 Hudson, Redwood City; contractor, Sjoberg & Sjoberg, 334 Hudson, Redwood City.

RESIDENCE, $13,000; Lot 10, Graceland Park; owner and builder, Ray Elkins, 451 Niantic Ave, Daly City.

QUONSET, 40x155, $7,000; Lot 22 and ptn lot 23 Blk 5, North Redwood City; owner and erector, H L Heiberg, 127 Finger, Redwood City; plans by Stran Steel Division, Detroit.

RESIDENCE, $5500; Lots 41 and 42 Blk N3, North Fair Oaks; owner, Mr and Mrs Casapis, 3rd Ave, North Fair Oaks; contractor, E T James, 334 Fuller, Redwood City.

RESIDENCE, 2-story frame, $14,000; Lot 6, Johnson St, South Spanish Town; owner, Harvey Hatch, Half Moon Bay; contractor, A H Oppen, Half Moon Bay.

ALTER garage, $1000; Lots 7 and 8 Blk 10, Spanish Town; owner, B Granelli and C A Cook, Main Highway; contractor, A H Oppen, Half Moon Bay.

CONCRETE foundation and moving residence, $3000; Lot 11 Blk 7, Capital Ave, Woodland Place; owner, Lee Auten, 2061 University Ave, Menlo Park; contractor, Rennett Constr Co, P O Box 878, Palo Alto.

RESIDENCE, $5000; Ptn Lots 6, 23, 24 Blk 17, Capitol Ave, Woodland Place; owner, E M Tibbets, c/o contractor, Dullick Bros, 728 Emerson St, Palo Alto.

STORE, $15,000; Cor Pescadero and North Sts, Pescadero Sub Dist; owner and builder, F J Williamson, Pescadero; plans by John E Rich, Sharp Park.

ADD three bedrooms, $3000; Lot 34 O'Connor St, Chas Meek 4th Addn; owner and builder, D P Ray, 417 O'Connor, Palo Alto.

RESIDENCE, $8500; Lots 10, 11, 12, 13 Blk 203, East Lake Way, Highlands of Emerald Lake; owner and builder, R L Stewart, Auto Court, Los Altos.

RESIDENCE, frame, $5500; Lots 4, 5 Blk 24, Clarke Ave, Faber Sub; owner and builder, Harry Stern, 2210 Cooley Ave, East Palo Alto.

RESIDENCE, $8000; Lot 3, Scenic Drive, Scenic Heights No 1; owner, H C Schmidt, 16154 Via Segundo, San Lorenzo; contractor, E T James, 334 Fuller St, Redwood City.

SAN MATEO

ALTER DWELLING, $1000; 1066 4th Ave; owner and builder, T C Noble.

ALTER DWELLING, $1000; 11 S Fremont St; owner and builder, Maudie Dudley, premises.

ALTER DWELLING, $3000; 114 40th Ave; owner, A H Cowan; builder, Geo A Cole, 1119 El Camino Real, Burlingame.

ALTER DWELLING, $1000; 2825 Garfield; owner, Jiminez; builder, M F Conwell.

DWELLING, $6000; 2514 Ensenada Way; owner, J C Damron; builder, Ivar Fallstrom, 2319 Hacienda.

DWELLING, $7000; 40 N Humboldt; owner, Chaarles H Thompson Jr; builder, W B Bertan, 215 Clark St.

ALTER DWELLING, $1000; 211 Ramona; owner and builder, E H Leadley, 231 2nd Ave.

GARAGE, $600; 1513 Sharron; owner and builder, Kenneth R Luke.

GARAGE, $750; 1516 Sharron; owner and builder, Robert H Hough.

GARAGE, $500; 1509 Sharron; owner and builder, Robert E Storms.

STORE, $1500; 2801 El Camino Real; owner, El Camino Lumber; builder, Robert G Irwin.

STORE, $6000; 1220 Terminal Place; owner and builder, E K Nelson.

STOREROOM, $800; 1502 El Camino Real; owner, L Poaletti; builder, Ward Tucker, 816 4th Ave.

WAREHOUSE, $3000; 1006 Howard; owner and builder, Manuel Cranallo.

REPAIR and ALTER STORE, $2000; 22-24 3rd Ave; owner, F K Sattler; builder, Cunningham Construction Co, 1162 Bryant St, San Francisco.

ALTER STORE, $6000; 57 B St; owner and builder, Macnsons, 151 Tehama St, San Francisco.

MEDICAL-DENTAL OFFICES, $16,000; 401 San Mateo Dr; owner and builder, Dr J Allyn Thatcher, 50 W Bellevue Ave.

DWELLING, $7000; 643 Ventura; owner and builder, H H MacDonald, 2281 El Camino Real.

DWELLING, $7000; 651 Ventura; owner and builder, H H MacDonald, 2281 El Camino Real.

DWELLINGS (8), $8000 each; 2849 Fernwood, 2815 Fernwood, 2821 Fernwood, 2837 Fernwood, 2848 Fernwood, 2831 Fernwood, 639 Ventura, 645 Ventura, 655 Ventura; owner and builder, H H MacDonald, 2281 El Camino Real.

DWELLING, $7000; 711 S Delaware; owner and builder, A W Waldo.

PALO ALTO

WAREHOUSE, $13,000; 70 Hower Ave; owner and builder, Wells Goodenough; engineers, Thomas & Whipple, 310 University Ave.

RESIDENCE and GARAGE, $11,000; 1335 Greenwood Ave; owner, Nelson Wellbanks.

RESIDENCE and GARAGE, $8500; 805 Garland Dr; owner, Coastwise Const Co; builder, Cornblum; plans by Huson.

RESIDENCE and GARAGE, $8750; 769 Garland Dr; owner, Coastwise Const; builder, E Cornblum;; plans by W E Huson.

REPAIR RESIDENCE, $1500; 281 Hawthorne Ave; owner, GN Pappas, prem; builder, H E Stalder, 330 Ramona St.

BANK BUILDING (1-story, type 3), $43,000; El Camino Rea land California Ave; owner, Bank of America; builder, W P Goodenough, 49 Wells Ave; plans by L H Nishklan, San Francisco.

BUNKER and READY-MIX PLANT, $15,000; 1185 Third St; owner, Pacific Coast Aggregates, Inc, San Francisco; builder, E W Heple, San Jose.

RESIDENCE and GARAGE, $15,000; 35 E Greenwich Place; owner, James Graham; builder, Peninsula Pacific Const Co, Redwood City.

RESIDENCE and GARAGE, $16,000; 2391 Bryant St; owner, D Harris, 167 Tennyson Ave; builder, Lindley Construction Co, Menlo Park.

RESIDENCE and GARAGE, $6000; 460 Park Blvd; owner, Ada van Epps, 568 Barron Ave.

RESIDENCE and GARAGE, $8500; 783 Garland Dr; owner, Coastwise Const Co; builder, E Cornblum; plans by W E Huson.

RESIDENCE and GARAGE, $9250; 779 Garland Dr; owner, Coast wise Const Co, 2499 Middlefield Rd; builder, E Cornblum, 2499 Middlefield Rd; plans by W E Huson, 2499 Middlefield Rd.

RESIDENCES and GARAGES (8), $6800 each; 270, 280 Wilton; 280, 289, 270, 290, 279 Matadero ,and 293 Margarita; owner and builder, Tony D Amico & Sons, 421 Wilton St; plans by B K Dobkowitz, San Francisco.

GARAGE (type 3), $28,000; 900 High St; owner, R S Bullis; builder, W P Goodenough, 49 Wells Ave; plans by Clark & Stromquist, 310 University Ave.

WAREHOUSE (type 3), $12,000; 35 Hower Ave; owners, H F Barger and G W Petty, 424 University Ave; builder, W P Goodenough.

RESIDENCE and GARAGE, $11,000; 1305 Greenwood Ave; owner, Nelson Wellsbanks, Redwood City.

RESIDENCE and GARAGE, $9000; 775 Garland Ave; owner, Coastwise Const Co; builder, E Cornblum; plans by W E Huson.

RESIDENCE and GARAGE, $8500; 765 Garland Dr; owner, Coastwise Const Co; builder, E Cornblum; plans by W E Huson.

RESIDENCE and GARAGE, $7000; 127 Mariposa Ave; owners, C A and Leona Pellymounter, 2330 Fasso St; builder, G L Rosebrook, San Leandro.

REDWOOD CITY

DUPLEX with two garages, $12,000; 919-23 Warren, Mezesville; owner, Mildred D Lennon; contractor, J G Lennon, 1411 Arguello Street.

REINF CONC Bldg, $12,000; 39-41 James St; owner, M R Hinds; contractor, Peter Sorensen, 927 Arguello St.

STORE bldg, $20,000; 43-49 James St; owner and builder, Perry Dorons.

LAUNDRY bldg, reinf conc, $20,000; 1823 El Camino Real; owner, G C Alspaugh.

STORE bldg, concrete, $8000; 707 El Camino Real; owner, D Baldani; contractor, Peter Sorensen, 927 Arguello St.

DWELLING, 8-room, and garage, $20,000; 801 Edgewood Road, Edgewood Park; owner, G W Tanner; contractor, J C Lindsey.

STORE, stucco, $8000; 1738 Broadway; owner, Willis & Maloney, 220 Marshall Street.

REINF CONC bldg, $30,000 203 Lathrop; owner, Sommers; contractor, Peter Sorensen, 927 Arguello.

STORE, reinf conc, $30,000; 1661 Broadway; owner, C J Keenan; contractor, Peter Sorensen, 927 Arguello St.

GARAGE bldg, concrete block, $32,000; 346 El Camino Real; owner, Harry Dearborn; contractor, J Moore & Co.

REMODEL store bldg, $5000; 1702 El Camino Real; owner, S Pellarin; contractor, Peter Sorensen, 927 Arguello St.

SAN LEANDRO

OFFICE, 1-story 1-room, $2000; 1701 San Leandro Blvd; owner and contractor, D W Nicholson Corp, 1701 San Leandro Blvd.

DWELLING, 1-story 5-room, $10,000; 905 Collier Dr; owner, G T Gribner, 2030 40th Ave, Oakland; contractor, P R Haulman, 1243-A Broadway, Alameda.

PALO ALTO

BUSINESS BUILDING (1-story), $6150; 321 Channing Ave; owner, Birge Clark, 310 University Ave; builder, W P Goodenough, 49 Wells Ave; architect—Birge Clark, 310 University Ave.

RESIDENCE and GARAGE, $15,000; 150 Dana Ave; owner, E C Nelson; builder, Sunlite Homes, Inc, 446 Emerson St.

ALTER BUILDING, $2500; 131 University Ave; owners, J A and K Demeter and E M Knapp; builder, Remmet Construction Co, 131 University Ave; plans by R E Wood, 131 University Ave.

GARAGE BUILDING, $17,000; 760 Emerson St; owner, Geo Paddleford, 786 Emerson St; builder, Remmet Construction Co, 931 Menlo Oaks Dr.

STORE BUILDING, $9875; 2825 El Camino Real; owner, Thos Leone; builder, Nichols-White, Inc, 156 University Ave; plans by W F Hempel, 514 Bryant St.

ALTER BUILDING, $2500; 795 El Camino Real; owner and builder, Werner Lumber Co, premises.

RESIDENCE and GARAGE, $8000; 1302 Greenwood Ave; owner, and builder, Schwaling & Stenbit, 924 Emerson St.

STORE BUILDING, $24,000; 469-473 University Ave; owners, H A and E C Holts, 119 Bryant St; builder, Nichols-White, Inc, 156 University Ave; architect—Leslie Nichols, 156 University Ave.

ALTER BUILDING ,$5000; 786 Emerson St; owners, B C and M C Wilbur, 490 Kingsley Ave; builder, Remmet Construction Co.

OFFICE BUILDING, $10,000; 707 El Camino Real; owner, Wm Urban, 96 Hower Ave; builder, W. P Goodenough, 49 Wells Ave.

STORE BUILDING, $35,000; 475-77-79 University Ave; owners, H A and E C Holts; builder, Nichols-White, Inc, 156 University Ave.

ALTER RESIDENCE, $1500; 854 1st St; owner and builder, J F Sullivan, premises.

DALY CITY

DWELLINGS (1-story 5-room) (2), $4000 each; 376 and 380 Bellevue Ave; owner and builder, E J Lorety & Suling, 1964 Alemany Blvd, San Francisco; plans by S Postil.

4 APARTMENTS (2-story frame), $12,000; SE corner Templeton and Brunswick; owner and builder, Joseph Ragni, 134 Acton St; plans by Richard Ragni.

RESIDENCE (1-story 5-room), $5000; Lot 5, Block 13, Hillcrest Tract; owner, G B Delfino, San Mateo Ave; builder, Joseph Ragni, 134 Acton St; plans by Richard Ragni.

BUILDING CONTRACTS

SAN FRANCISCO

SERVICE STATION BLDG
NE GEARY BLVD and Blake St.
Owner—Clarence and Wilfred Krieger.
Architect—Not Given.
Contractor—Wm E Irvine dba Jacks & Irvine.
Filed and dated, ...
Payments not given.
TOTAL COST, $55,115

Completion Notices

ALAMEDA COUNTY

Recorded Accepted
March 1, 1946—LOTS 39 and 40, Blk 12, Sunset Terrace, Albany. Geo R McNutt to whom it may concern..................February 19, 1946

Plumbing Permits

BERKELEY

1514 Oxford; owner, J Calome; dealer, H P Murphy; w supply.

31 Menlo Court; owner, A McKellogan; dealer, Madden Plbg; 2 w closets; 2 w basins; b tub; shower.

1034 Keith; owner, Ruth Van Pelt; dealer, A T Caker; w closet; sink; w tub.

1730 Francisco; owner, W A Bear; dealer, A T Baker; w closet; b tub; w basin.

132 Southampton; owner, ...; dealer, A T Baker; w basin; sink; drain.

OAKLAND

NE Cor 91st Ave and A Street; owner, Marchado; dealer, M G Henry; 1 fix.

9890 Thermal; owner and dealer, H Schneider; sprinkling system.

1701 12th St; owner, Fuyo; dealer, E Eaton; water.

4668 Dolores; owner, Blazick; dealer, H P Sheridan; 3 fixtures.

2546 73rd Ave; owner, Anderson; dealer, J R Pierce; 2 fix; 2 g. o.

1208 Market St; owner, ...; dealer, W MacMilan; 1 fixture.

41st and Piedmont Ave; owner, Key Route; dealer, Harry Clark; 3 fixtures.

7308 MacArthur; owner, Dr Austin; dealer, W E Ruf; 2 fixtures.

2400 Market St; owner, Underwood; dealer, Tom Lynch; 1 fixture; 4 g. o.

10723 Sheldon; owner, W F Michaels; dealer, E Wittroff; 2 fixtures.

6316 San Pablo Ave; owner, White; dealer, J W Neal; 1 fixture.

1786 7th St; owner, Miles; dealer, Huffschmidt; 2 fix; 2 g. o.

2643 Union St; owner, J Faulkner; dealer, D L Minoggio; 7 fix; 2 g. o.

6417 Colton Blvd; owner, Collins; dealer, D Minoggio; 1 fixture.

430 30th St; owner, Dr Paxmarr; dealer, R L Minoggio; 1 fixture.

5323 College Ave; owner, Larsen; dealer, J R Pierce; 1 fixture.

5700 Broadway Terr; owner, W Florio; dealer, J A Fazio; 10 fix; 3 g. o.

340 29th St; owner, Christianson & Lyons; dealer, J A Fazio; 5 fix; 2 g. o.

481 30th St; owner, Koeningsberger; dealer, J Tancredy; 5 fixtures.

2620 Magnolia; owner, Laher Sprg Co; dealer, J Tancredy; 3 fixtures.

Furnace Permits

OAKLAND

264 Sheridan Road; owner, Stark; dealer, Gernhardt-Strohmaier; floor.

1307 92nd Ave; owner, Freitas; dealer, Gernhardt-Strohmaier; floor.

390 62nd St; owner, Eaton; dealer, H Clark; floor.

3050 Millbrae; owner, Snyder; dealer, E J Hoerst; floor furnace.

2405 Granda Vista; owner, G Kriporion; dealer, E J Hoerst; floor.

1953 48th Avenue; owner, Garett; dealer, E J Hoerst; floor furnace.

477 North Street; owner, Ashley; dealer, Gernhardt-Strohmaier; floor.

1448 50th Avenue; owner, Enos; dealer, Gernhardt-Strohmaier; floor.

Electrical Permits

SAN FRANCISCO

9275 1905 Van Ness Ave; owner, Ord; contractor, Malm & Welter; 4 outlets; 1 switch; 2 plugs.

9276 909 Hyde St; owner, ...; contractor, Malm & Welter; 10 outlets; 6 switches; 8 plugs; alter.

9277 46th Ave and Taraval St; owner, ...; contractor, Assoc El & Mech Co; ....

9278 3662 Folsom St; owner, Valero; contractor, Bernal Elec Co; 2 plugs.

9279 4760 Mission St; owner, Valerga; contractor, Bernal Elec Co; 11 plugs.

9280-82 Various locations and owners; contractor, Brite-Lite Neon; Co; signs.

9283 126 Ellis St; owner, ...; contractor, Frank J Klimm Co; alterations.

9284 2914 Ulloa; owner, A Nelson; contractor, F H Tattenham; 18 outlets; 11 switches; 16 plugs; serv.

9285-6 230, 226, 228 Sycamore St; owner, A Nelson; contractor, F H Tattenham; 20 outlets; 9 switches; 16 plugs; service.

9287 175 and 179 Victoria Avenue; owner, A Nelson; contractor, F H Tattenham; 20 outlets; 9 switches; 16 plugs; service.

9288 624, 626 Randolph St; owner, A Nelson; contractor, F H Tattenham; 21 outlets; 9 switches; 16 plugs.

9289 NE Cor Hamilton and Burrows; contractor, F H Tattenham; ....

9290 W Victoria 79 S Randall; owner, ...; contractor, F H Tattenham; ....

9291 409-11 14th Ave; owner, Elmo De Martini; contractor, Weber-Conroy; ....

9292 43 Duncan; owner, Affolter; contractor, Weber-Conroy; 2 plugs; service.

9293 2066 46th Ave; owner, Horenstein; contractor, Weber-Conroy; service.

9294 335 Powell St; owner, Saint Francis Hotel; contractor, Chas A Langlais Co; 1 outlet; 1 switch; 1 plug; motors.

9295 835 aMrket St; owner, Emporium; contractor, Chas A Langlais Co; ....

9296 46 Kearny St; owner, Mrs Maskey; contractor, Decker Electric Constr Co; ....

9297 617 Mission St; owner, Dolliver; contractor, Decker Elec Const Co; ....

9298 246 Powell St; owner, Harry Iffla; contractor, Decker Elec Const Co; 7 outlets; 2 switches; 1 plug; alterations.

9299 944 Columbus Ave; owner, Mickey Billiard Parlor; contractor, G Vaccarino; 1 outlet; 1 switch; 1 plug.

9300 4424 California St; owner, David N Kermode; contractor, P & J Elec Co; 7 plugs.

9301 1319 Fillmore; owner, Rodlakin; contractor, Bertrand Elec Co; motors.

BERKELEY

685 21 Maryland; owner, F J Frank; contractor, College Avenue Elec; 3 outlets; 2 switches; 3 fixtures; 2 plugs.

686 3036 Ashby; owner, ...; contractor, College Ave Elec; 4 outlets; 4 fixtures; 1 motor.

687 3034 Benvenue; owner, F A Doyle; contractor, College Avenue Elec; 6 outlets; 6 switches; 9 plugs; 3 circuits; 2 heaters.

688 Shattuck and University Aves owner and contractor, Foster and Kleiser; 1 sign.

689 Adeline and Fairview; owner and contractor, Foster and Kleiser; 1 sign.

690 2600 College Ave; owner and contractor, G L Daniels; 3 plugs.

691 1035 Carlton; owner, F M Treland; contractor, Scott-Buttner; 4 outlets; 3 switches; 4 fixtures; 6 plugs; 2 circuits.

692 1819 San Pablo Ave; owner, Heath Dairy Products; contractor, T L Rosenberg; 2 motors.

693 2626 San Pablo; owner, W J Lee; contractor, T L Rosenberg; 12 fixtures.

694 70 Oak Ridge; owner, Dr Hass contractor, South Berkeley Elec; 20 fixtures.

695 151 Tunnel Road; owner, Dr A H Reinke; contractor, Service Htg & Power; 1 transformer.

696 2747 Hillegass; owner, Wettlmore; contractor, W Mork; 1 motor.

697 2665 Shasta Road; owner, ...; contractor, Aarvaks Htg; 1 motor.

698 556 Vicente St; owner, ...; contractor, Aarvaks Htg; 1 motor.

699 2037 Shattuck; owner, Swartz; contractor, Neon Engrg Co; 1 sign.

700 1811 10th St; owner, L Ringleman; contractor, Parson Elec; four switches; 8 outlets; 4 plugs; 4 circuits; heater.

OAKLAND

35857 2647 E 14th St; owner, Sjoberg; contractor, Scott-Buttner Electric; outlets; switches; fixtures.

35858 271 12th St; owner, Art Craft Leather; contractor, Scott-Buttner Electric; 4 fixtures.

35859 NE corner 80th Ave and E 14th St; owner, McBride & Gordon; contractor, Scott-Buttner Electric; meter loops.

35860 1510 8th St; owner, C J Thaler; contractor, Scott-Buttner; meter loops.

35861 271 12th St; owner, Arts Craft Leather; contractor, Scott-Butter; 3 outlets; 6 fixtures.

35862 1452 85th Ave; owner, Williams; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35863 4526 West; owner, Brusasco; contractor, Clifford Electric; alterations.

35864 1209 Franklin; owner, Pedgrift; contractor, Clifford Electric; outlets; switches; fixtures; plugs; alterations.

35865 458 Santa Clara; owner, Ray Smith Realty Co; contractor, Paramount Electric; fixtures.

35866 864 54th St; owner, Ramos; contractor, Paramount Electric Co; alterations

35867 111 Grand Ave; owner, Kirk Hayes; contractor, Spott Electric Co; 2 outlets; 2 switches; 2 plugs.

35868 629-625 28th St; owner, Prichett; contractor, Roberts Lighting Fixtures Co; check up wiring.

35869 13th and Franklin Sts; owner, Tribune Tower; contractor, T L Rosenberg Co; 23 outlets; 6 fixtures.

35870 485 6th St; owner, Goodwill Industries; contractor, T L Rosenberg; 9 outlets; 9 fixtures.

35871 3316 E 33rd St; owner, Wager; contractor, Collins Electric; outlets; switches; fixtures; plugs; alterations.

35872 1700 Seminary; owner, Doe; contractor, Collins Electric; outlets; switches; fixtures; plugs.

35873 7300 MacArthur Blvd; owner, Leo Chesser; contractor, Western Neon Co; signs.

35874 7300 MacArthur; owner, Leo Chesser; contractor, Western Neon; sign.

35875 1135 Claventon; owner, Force; contractor, Pacific Electric Motor Co; alterations.

35876 1249 67th St; owner, F A B Mfg Co; contractor, Pacific Electric Motor Co; alterations.

35877 3330 Broadway; owner, Val Straugh; contractor, Pacific Electric Motor Co; 15 outlets; 2 switches; 9 fixtures; 4 plugs.

35878 1463 103rd Ave; owner, Paul Andrada; contractor, James Anderson; outlets; switches; fixtures; plugs.

35879 3531 Davis; owner, R L Davis; contractor, Matson Electrical; alterations.

35880 9626 San Leandro Blvd; owner, Allan Fuller; contractor Johnston Electric; outlets; switches; fixtures; plugs.

35881 E 14th St and 63rd Ave; owner, Nelson & Rugg; contractor, Johnston Electric; 1 outlets; 1 switch; 1 fixture; 2 plugs.

35882 370 Grand Ave; owner, Ray Hermann; contractor, Johnston Electric; outlets; switches; fixtures; plugs; x-ray.

35883 2233 Arrowhead Dr; owner, Winder; contractor, P A Jones; outlets; switches; fixtures; plugs.

35884 10122 E 14th St; owner, Frank Anderson; contractor, P A Jones; outlets; switches; fixtures; plugs.

Official Proposal

FIRST PUBLISHED TODAY

Purchase of One Stage Control Board of the Modified Preset Type and Appurtenees.

NOTICE TO BIDDERS

NOTICE IS HEREBY GIVEN that sealed bids will be received by the High School Board of the John Swett Union High School District of the County of Contra Costa, State of California, at the schoolhouse of said District until eight o'clock P.M. of Tuesday, the 19th day of March, 1946, and opened at said time and place for the purchase of one stage control board of the modified preset type, consisting of a composite pilot board and dimmer bank, a circuit breaker panel, a cross connecting panel and a magnetically operated contactor board. Entire board shall be designed for operation on 230/115 volt, 60 cycle alternating current.

Plans and specifications for this control are on file in the office of the Clerk of the High School Board of said District in the High School Building in Crockett, California.

All bids must be accompanied by a certified check on some solvent bank, or cash deposit equal to ten percent (10%) of the amount of the bid, conditioned that if the contract is awarded to the party submitting the accepted bid, he will enter into a contract and furnish such bonds as may be required by the Board within five (5) days after notice of such award, or failing to do so, the amount of such deposit or certified check to be forfeited as liquidated damages for such failure. All checks shall be payable to the order of the John Swett Union High School District.

The High School Board reserves the right to reject any and all bids, and to waive any formality in any bids received.

By order of the High School Board of the John Swett Union High School District of Contra Costa County, California.

Dated: Crockett, California, February ...., 1946.

J. F. MERCHANT,
Clerk of the High School Board of the John Swett Union High School, Contra Costa County, California.
(Daily Pacific Builder)

(March 4-11, 1946)

LS-349—25-In. Cement Lined Pipe

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the East Bay Municipal Utility District, 512—16th St., Room 205, Oakland, California, until 5:30 P. M., Wednesday, March 13, 1946, and at that hour will be opened, for furnishing approximately 862 linear feet of 25-in. O.D. by $\frac{1}{4}$-in. thick steel pipe and appurtenances, cement lined and coated and delivered at the District's Orinda Filter Plant near Orinda, California.

Specifications (No. LS 349) may be obtained at Room 406 of the office of the District.

DANIEL READ,
Secretary.

Oakland, California
February 28, 1946
(Daily Pacific Builder)
(March 4, 1946)

LS 350—C. I. Pipe and Fittings

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the East Bay Municipal Utility District, 512—16th St., Room 205, Oakland, California, until 5:30 P. M., Wednesday, March 13, 1946, and at that hour will be opened, for furnishing cast iron pipe, nipples, pipe fittings, and special castings for Orinda Filter Plant.

Specifications (No. LS 350) may be obtained at Room 406 of the office of the District.

DANIEL READ,
Secretary.

Oakland, California
February 28, 1946
(Daily Pacific Builder)
(March 4, 1946)

Pro. No. 1718—Steel Wire Fabric

NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512 16th Street, Oakland, California, until 5:30 P. M., Wednesday, March 13, 1946, and will at that hour be opened for furnishing approximately 200,000 Square Feet of GALVANIZED AND WELDED STEEL WIRE FABRIC, as per specifications.

Proposal No. 1718 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL READ,
Secretary.

Oakland, California.
March 1, 1946.
(Daily Pacific Builder)
(March 4, 1946)

Pro. No. 1719—Oil Circuit Breaker

NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512 16th Street, Oakland, California, until 5:30 P. M., Wednesday, March 13, 1946, and will at that hour be opened for furnishing one OIL CIRCUIT BREAKER, Outdoor Type, as per specifications.

Proposal No. 1719 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL READ,
Secretary

Oakland, California.
March 1, 1946.
(Daily Pacific Builder)
(March 4, 1946)

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Classified Advertising

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EXPERIENCED SPECIFICATION TYPIST desires temporary work. Write or wire Lillian Price, 1277 Spruce St., Berkeley.
2/27-28, 3/1-4-5/46

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HELP WANTED

EXPERIENCED ENGINEER. Municipal experience preferred. Salary $300 per month. Apply at Personnel Department, Room 215, City Hall, City of Stockton, Stockton, California.
2/26-27-28, 3/1-4/46

QUANTITY SURVEY MAN for General Bldg. Construction. Must have initiative and good background. Permanent position. Salary open. A. Farnell Blair Co., Inc., 9 Main St., San Francisco. Phone YU. 0000.

Red Cross

(Continued from Page One)

and many will stay there until the last American soldier is brought home. In the military camps and hospitals in this country thousands of other workers wear the tiny red emblem that is a sort of magic symbol to those in pain. Tens of thousands of wounded are still in these hospitals—and will be there longer than you think. And Red Cross will stay there, too, with its arts and skills, its recreation and welfare programs, its Gray Ladies.

For the veteran with the snarled family problems, with financial troubles, Red Cross must provide guidance and help on the largest scale in the organization's history. The parades are over but not the veteran's problems.

At the same time Red Cross must assume peacetime obligations that should be curtailed no longer now that the war has ended. Disaster relief, home nursing, first aid—all vital community services—will be expanded to meet increased civilian needs.

Some idea of the task confronting Red Cross may be obtained any day at the docks where thousands of returning servicemen stream across the piers and are met, day and night, by the Red Cross volunteers. Since the first year of war, Red Cross canteen workers have seen off every transport, giving a parting wave and some small comfort to the men going out to fight. And today, Red Cross remains at the docks, serving as many as 30,000 of those same men a day as they return. Red Cross truly is San Francisco's hospitality committee. At Christmas when shiploads of high point veterans were tied up at the piers, stranded here, Red Cross set up emergency canteens and worked the clock around. For every returning soldier, for every wounded man there was a Christmas gift.

The war record of San Francisco Red Cross was really a testimonial to a city's heart. Foremost in homefront activities was the Blood Donor Service which produced over 700,000 pints of blood and plasma. No city in the country contributed so generously of its own self in relation to population as did San Francisco. In this city 10,000,000 surgical dressings were prepared by Red Cross volunteers. Its Motor Corps has driven two million miles on vital missions for the military, the blood service, and those never-ceasing dock activities.

On the lager scale, American Red Cross proudly presents a magnificent national and world record:

Sixty million dollars in loans and grants to servicemen and their families since war began;

Almost nine million servicemen and their families assisted by various chapters;

Twenty-seven million prisoner of war packages produced in chapters throughout the nation;

More than 25,000,000 items sent to Army and Navy stations in the United States;

More than 50,000,000 persons in 41 countries given $150,000,000 in civilian war relief.

And this gigantic task of dispensing mercy goes on. One hundred million dollars is needed "to keep Red Cross at his side in 1946"—in the hospitals, in bases overseas, on the streets at home. Local Red Cross leaders are confident that San Francisco, as always, will do its share. Truly it is said that the war is never over for Red Cross.

TAKE CARE OF THEM
—Gen. MacArthur
YOUR RED CROSS – STILL AT HIS SIDE

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Fifty-sixth Year—Vol. 56—No. 44 SAN FRANCISCO, TUESDAY, MARCH 5, 1946 PRICE 15 CENTS PER COPY

PLANS and Speculations

San Francisco: The state public works review board has allotted $12,603 to San Francisco for preparation of plans for two major street projects. The allotment includes plans for a $245,000 widening and improving of Monterey boulevard, and for designing a $220,000 viaduct to carry Mission street traffic across Alemany boulevard. The allocated money will come from the $10,000,000 state fund, and be matched by city funds.

oOo

Washington: An appropriation bill before the House asks for $1,300,000 for additional work on the Deschutes project in Oregon, enabling building of laterals to serve the last 6500 acres in the first unit of the irrigaton project. Another $500,000 was asked for work on the Klamath project to develop the Tule Lake division in Northern California, Michael D. Straus, reclamation commissioner, revealed.

oOo

Sacramento: The purchase of a new prison site near Soledad, in Monterey county, was recommended to the state property acquisition board late last week. A $300,000 appropriation is available for land purchase and $4,000,000 for construction.

oOo

Corcoran: Construction on a new airport, two and one-half miles north of this city, has started with a 3,000-foot runway planned and other buildings necessary to operate a flying school. E. A. Harvey, former Army flight instructor, and his brother, W. C. Harvey, manager of Corcoran Hardware Company, will operate the airport.

oOo

Paso Robles: A war memorial hospital will be built on Terrace hill, directors of the hospital district announced last week. Nearly $20,000 in cash and notes has been collected to defray additional excavation expenses because of the hilly site.

oOo

Napa: Call for bids on a 700-bed state hospital are being held up pending receipt of new orders from Washington, D. C., regarding the restrictions of building materials, W. K. Daniels, assistant state architect, revealed in Sacramento.

oOo

Pasadena: Capacity of the famed Rose Bowl will be increased to 116,000 seats, making it the largest stadium in the country, Chas. A. Strutt, tournament chairman, has announced. The 20,000 seats to be added will be installed at either the rim or at the bottom of the deepened bowl.

Gold Medal, $1,000 Award In Plastics Achievement Contest

Entries for the 1946 John Wesley Hyatt Award for outstanding achievement in the plastics industry will be accepted until March 15, William T. Cruse, secretary of the award committee, announced today.

The award of a gold medal and $1,000 is sponsored by Hercules Powder Company and was created five years ago to honor the individual who, in the opinion of the judges, has made an outstanding contribution to the plastics industry during the preceding year.

"Any person, whether he be a molder, tool-maker, laboratory technician, executive, or engaged in any other capacity, is eligible to submit one or more entries, Cruse said. Entry blanks are available at committee headquarters, 295 Madison Avenue, New York 17, New York.

William I. Beach, chief plastics engineer, North American Aviation, Inc., won the award last year for his research and development on the process of post-forming phenolic laminates, which helped increase production and improve performance of airplanes through the replacement of metals with plastics.

The five points which determine eligibility of the award are:

(1) Its practicability, with special reference to availability of materials and production equipment, and to restrictions in fields of application.

(2) Degree of permanence of the development, and the scope for further applications in the plastics industry and similar fields.

(3) Importance of the achievement to the plastics industry in the year for which the award is given, regardless of the year of its conception.

(4) Potentials of the development in future years.

(5) Ingenuity required in the development of the achievement.

Included on the award committee are prominent engineers, designers, chemists and researchers including Charles F. Kettering, vice president in charge of research, General Motors Corp.

GROOVER AND I

UNO NEEDS MORE "NO"

When UNO was in the maternity ward in San Francisco, it contracted infantile paralysis. This was caused by Molotov's insistence that there be a "one-vote veto", or he would pick up his marbles and go home.

* * *

Later, at the Yalta "strip-poker game", Russia demanded and got three votes: One for the Soviet and one each for the Ukrane and White Russia.

* * *

This would have justified Britain asking one vote for England and one each for Scotland and Wales; and our asking one vote for the United States and one each for California and Texas.

* * *

Why should Russia not continue to make demands so long as these demands are always granted? Russia pounds the table and growls—and we immediately pass hunks of appeasement served on our best Spode.

* * *

Russia asks for "more pie"—instead of telling her she has had her half of the pie, the appeasers have trembled, backed up, and said: "Yes sir, right away; do you want it with whipped cream or cheese on the side?"

* * *

Senator Arthur H. Vandenberg, member of the UNO Assembly, has just returned from a spell of being pushed around in London. He has "laid it on the line" and stated that the time has come for us to adopt a strong and positive attitude.

* * *

A 27-word quote summarizes Vandenberg's report: **"I assert my own belief that we can live together and in reasonable harmony if the United States speaks as plainly on all occasions as Russia does; . . ."**

* * *

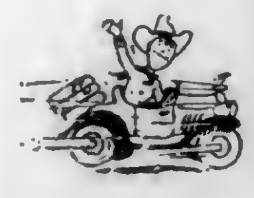
The Michigan Senator can find good precept for an attitude of honest and forthright firmness.

* * *

Over nineteen hundred years ago Jesus Christ, the Prince of Peace, stated: (St. Matthew, 5:37): **"But let your communication be Yea, YEA; Nay, NAY; for whatsoever is more than these cometh of evil."**

* * *

Bombastic table-pounding is not necessary. If we take a firm stand for the Right "As God gives us to see the Right" we can slowly climb back up the slippery, muddy hill of appeasement and regain our national self-respect—after which we may gain the respect of other nations.



Mill Ceiling Prices Of Hemlock and Fir Adjusted by OPA

Adjustments in the mill ceiling prices of Douglas fir, western hemlock and true fir lumber are in effect today, the OPA has announced.

The action does not increase costs to builder and home owner, the OPA warned, as the margins of retail distributors are ample to absorb the increase to an extent which will hold the average level of prices to that existing before the increase.

Ceilings on some items will be increased and reduced on others, resulting in an average increase of approximately $1.10 per 1000 board feet, or three per cent over present average realizations.

Today's action is designed primarily to stimulate production of lumber items urgently needed for postwar residential construction, the OPA said. The directive does the following:

(1) Increases prices for basic grades of lumber used in residential construction, other than common boards, from $2 to $10 per 1000 board feet.

(2) Eliminates premiums for special grade and grain specifications which were seldom charged before the war but which have been charged considerably during the war. The premiums eliminated range from I1 to $6 per 1000 board feet and largely offset the price increases granted in the basic construction grades.

(3) Lowers the ceilings on some items not used in construction which are cut from the same part of the log as certain construction items, such as flooring.

(4) Makes other changes in prices designed to bring them in proper relationship to peace-time demand.

(5) Scales down the ceilings for off-standard fractional widths and thicknesses. In Tables 2, 3, 4 and 11, the footnotes pricing odd or fractional widths and thicknesses now require that footage shall be computed on the nominal fractional rough size.

In explaining today's action, OPA pointed out that before the war clear grades of Douglas fir were normally cut into flooring, ceiling and siding which are used extensively in the construction of homes. During the war, however, there was vital need to cut clear grades of Douglas fir into ship decking, pontoon lumber, and finish and thick clears. Price ceilings have, accordingly, made the cutting of wartime items more profitable than the less urgently needed home construction items.

The end of the war reversed the demand for Douglas fir items. Today's increase in the ceilings of basic grades of Douglas fir is expected to stimulate production of construction fir items, OPA said.

Today's price changes were determined after a series of consultations with representatives of the Douglas fir industry, OPA said, and affect dimensions, plank and small timbers, timbers, flooring, ceiling, finish and clears, thick clears, car lining, roofing, siding, ship decking and margin pieces, and pontoon lumber.

A.I.A. Favors Continued OPA Price Controls

The American Institute of Architects shares the desire of most Americans to get rid of the restrictions involved in price control. We should, as soon as possible, allow prices to be based on the operation of a free competitive market. In the construction industry there are many commodities in which there is a very wide gap between supply and demand.

The sudden removal of price controls for these commodities would probably result in price distortions that would be more serious than the present restrictions.

For this reason we favor a continuation of OPA for a limited period with the proviso that there be a continual re-examination of the relationships between supply and demand and that price controls be gradually and continuously removed as soon as the gap between supply and demand for individual commodities has been sufficiently reduced. This might be done on an experimental basis, at first, with respect to items that would not seriously affect the prices of other commodities.

In the meantime, price levels should be established on a basis that will assure full production of the commodities involved, since that is the only ultimate protection against inflation.

Subject to the above limitations, we believe that Congress should immediately renew the authority of the OPA. The possibility of serious changes in or even abolition of the OPA at the expiration of the present Act on June 30, necessarily results in creating uncertainty and has a tendency to inhibit production.

Congress should remove these uncertainties by a prompt decision with respect to continuation of OPA controls.

Bethlehem Erects New Steel Depot

Without fanfare and while some strike-bound Bay Area industries were marking time, one of the speediest steel erection jobs recorded in these parts was taking place at 3rd and Mariposa streets. Here, a 4-acre plot of ground suddenly became a beehive of activity as a seasoned crew of steel erectors from the Bethlehem Pacific Coast Steel corporation started placing the steel columns for a new mill depot for the Bethlehem-Pacific company. The entire steel framework, consisting of five 86-foot wide bays, each 375 feet in length and covering four acres, was erected in 17 working days.

The 1250 tons of structural steel used in putting up the steel framing for the building had been fabricated at the Alameda Works of Bethlehem-Pacific's Steel Construction division. During these preliminary operations, the foundations had been placed to support the structural steel framing members of the building.

Laying of the 170,000 square feet of steel roofing for the building is now nearing completion. Brick masonry work on the front wall of the building is finished. The mill depot is expected to be ready for occupancy by May 1. It will be operated under the direction of W. C. Eshelman, General Superintendent of Bethlehem-Pacific's South San Francisco steel plant.

The methods employed for decades by steel fabricators in prefabricating and partly assembling the structural steel before actual erection are very similar to the mass production shipbuilding operations which were so widely publicized during the war. Many of these improved production methods were pioneered by Bethlhehem's Fabricated Steel Construction division and later adapted to shipbuilding practice in Bethlehem shipyards.

Use "Builderads"— They Bring Results

Arthur A. Hood Featured Speaker At P. C. Luncheon

"A Challenge to the Construction Industry", was the subject of a talk made yesterday by Arthur A. Hood, director of dealer relations of the Johns-Manville Sales Corporation before the Northern California chapter of the Producers' Council and their prospective new members in a meeting at the Palace Hotel, San Francisco.

Hood's talk was based on experiences of his long and active career in the building industry. He claims he was "born in a lumber yard" and has spent 15 years of his business career as a retailer, five years as a wholesaler, and 12 years in the manufacturing branch of the building industry.

His keen interest in distributor problems is shown by his chairmanship of the marketing committee of the Producers' Council, Inc. He is also chairman of the educational committee of the National Homes Foundation, a member of the distribution committee in The American Marketing Association, Society for the Advancement of Management, and the National Association of Manufacturers. He serves as chairman of the joint committee of research, education and marketing for the building industry.

His hobbies include the study of economics, and, with a very human touch, fishing, poker and golf.

#

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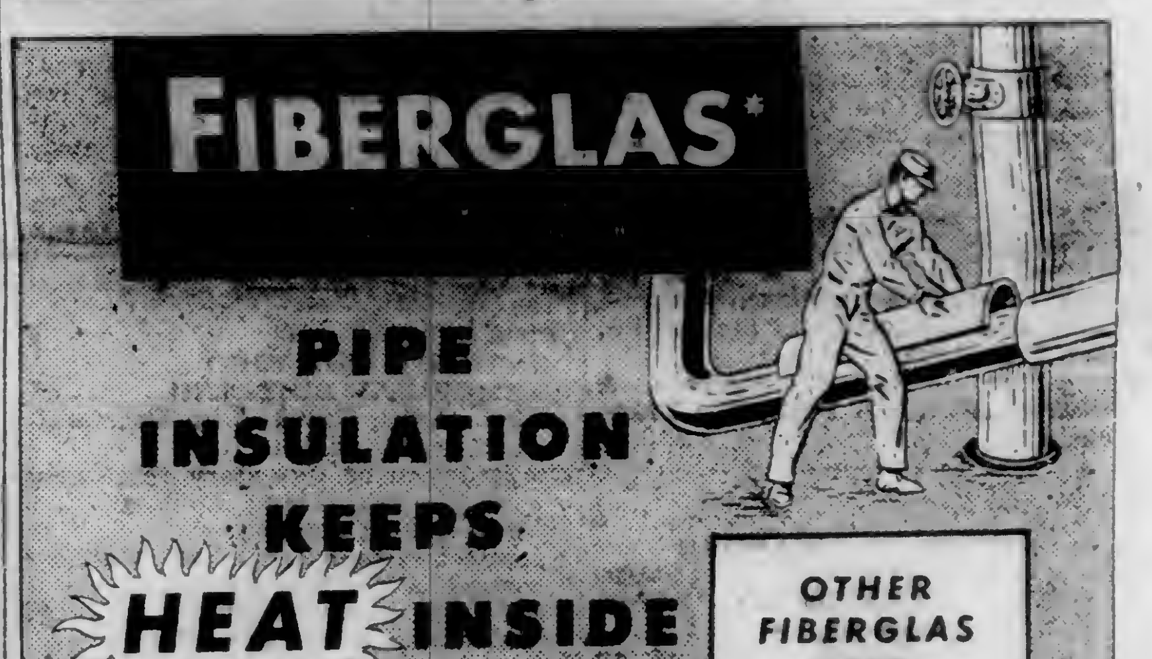
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DAILY PACIFIC BUILDER
(Established 1890)
Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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1-8—COMMERCIAL BLDGS.

3/5/46 • • 1
CONTRACT AWARDED
ALTER BANK
SAN FRANCISCO. 555 Montgomery Street near Clay Street.
Alterations to bank building.
Owner—Bank of Canton.
Architect—Wm. G. Merchant, 57 Post.
Contractor—G. P. W. Jenson & Sons, Inc., 320 Market Street.

3/5/46 • 6
CONTRACT AWARDED
SHOP AND STORE BUILDING
PALO ALTO, Santa Clara Co., Calif. High Street.
Construction of shop and store building with 75-ft. frontage.
Owner—Sellar Tire Service, 513 High St., Palo Alto.
Architect—Leslie I. Nichols, 156 University Ave., Palo Alto.
Contractor—Nichols-White, Inc., 156 University Ave., Palo Alto.

3/5/46 • 3
CONSTRUCTION STARTED
WAREHOUSE Cost, $150,000
BURLINGAME, San Mateo Co., Calif. North side of Broadway.
Construction of five-story reinforced concrete fireproof warehouse with mushroom type columns supporting flat slab floors, two large elevators, glass brick front, rail spur track, etc.
Owner—Bekins Van & Storage Co, 13th and Mission Sts., San Francisco.
Architects—DeMartini & Igaz, 785 Market St., San Francisco
Engineer—W. Adrian, 417 Market St., San Francisco.
Contractor — Parker, Steffens & Pearce, 135 South Park, San Francisco.

3/5/ 46 • 4
SUB-CONTRACTS AWARDED
OFFICE BUILDING Cost, $460,000
SAN FRANCISCO. Battery, California and Halleck Sts.
Construction of five stories of an eventual nine-story office building, approximately 124 ft. sq. and facing on three streets; ceramic veneer exterior, two elevators.
Owner—John Cahill, 206 Sansome St.
Architects—Meyer & Evers, 1201 Kohl Bldg., corner California and Montgomery Sts.
Contractor—Cahill Bros., 206 Sansome St.
Structural Engineer—L. H. Nishkian, 1045 Sansome St.
Elevators—Otis Elevator Co., 1 Beach Street.

3/5/46 • 8
CONTRACTS AWARDED
SPORTS STORE BUILDING
SACRAMENTO, Calif. Alhambra and L Streets.
Construction of one-story reinforced concrete sports store building.
Owner—Withheld.
Architect—Harry J. Devine, 1012 J St., Sacramento.

General Work

Campbell Construction Co., 800 R St., Sacramento, $33,510 (contract awarded).

Transwestern Construction, Sacramento, $33,750.

M. J. King, Inc., San Francisco, $36,614.

Electric Work

George Foss, 1720 8th St., Sacramento, $5987 (contract awarded).

Manuel Joseph, Sacramento, $6107.

J. C. Hobrecht Co., Sacramento, $6299.

Luppen & Hawley, Sacramento, $6973.

3/5/46 • 8
CONTRACT AWARDED
MERCHANDISE MART ADDITION
Cost, $1,800,000
SAN FRANCISCO. Southwest corner Ninth and Market Sts.
Construction of reinforced concrete and structural steel nine-story and basement addition to Western Merchandise Mart, adding 250,000 sq. ft. of floor space.
Owner—Western Merchandise Mart, Frank K. Runyan, president, 1355 Market St., San Francisco.
Plans prepared by Capital Co., 1 Powell St., San Francisco.
Foundations—Cahill Bros., 206 Sansome St., San Francisco, $70,000.

3/5/46 • 8
CONTRACT AWARDED
STORE BUILDING
Contract Price, $132,700
PITTSBURG, Contra Costa Co., Calif. Railroad Ave. and E. 7th St.
Construction of new corner furniture store building (100x101 ft.), alter exterior walls of adjacent building (25x100 ft.), and construction of new adjoining building (50x180 ft.), all construction to be steel frame and reinforced concrete.
Owner — Camillo Lamzafame, c/o architect.
Architect—Philip D. Tomasello, Room 305, 605 Washington St., San Francisco.
Contractor—Stolt, Inc., 8451 San Leandro St., Oakland.

3/5/46 • 8
FIRE LOSS
SAN FRANCISCO.—Fire recently damaged the City of Paris department store annex, Geary and Stockston Streets, with loss estimated at $6000.

3/5/46 7
WORK UNDER WAY
RESTAURANT Est. Cost, $20,000
OAKLAND, Alameda Co., Calif. 3669 Telegraph Avenue.
Construction of drive-in restaurant and fountain, Cameo style, round in shape, modernistic design, full-height glass front, service capacity of 100 autos.
Owner—Cameo Markets, 110 E 12th St., Oakland, Neal Townsend, head of firm.

3/5/46 • 6
CONTRACT AWARDED
COMMERCIAL BUILDING
PALO ALTO, Santa Clara Co., Calif. California Ave.
Construction of five-story reinforced concrete commercial building.
Owner—Pine Company.
Architect—Leslie L. Nichols, 156 University Ave., Palo Alto.
Contractor—Nichols-White, Inc., 156 University Ave., Palo Alto.

3/5/46 • 3
PLANS BEING FIGURED—BIDS OPEN MARCH 15, 10 A. M.
WAREHOUSE
SAN FRANCISCO. Fourth and Clementina Sts.
Owner — S. E. Massengill Co., c/o architect.
Architect—Howard Edwin Sweeting, 101 Post St.

The following contractors have been invited to figure plans:

Erbentraut & Summers, 446 6th St., San Francisco

Clinton Construction Co., 923 Folsom St., San Francisco.

Transwestern Construction, Rialto Bldg., San Francisco.

De Luca & Son, 1745 Filbert St., San Francisco.

Dinwiddie Construction Co., 210 Crocker Bldg., San Francisco.

Barrett & Hilp, 918 Harrison St., San Francisco.

Parker, Steffens & Pearce, 135 So. Park, San Francisco.

MacDonald, Young & Nelson, 127 Montgomery St., San Francisco.

3/5/46 • 8
PREPARING PRELIMINARY PLANS
DRUG STORE Approx. Cost, $50,000
FALL RIVER MILLS, Shasta Co., Calif.
Construction of two-story and basement wood frame drug store building (40x80 ft.).
Owner—Withheld.
Architects—Thomson & Evans, 1308 E. 38th St., Oakland.

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9-10—EDUCATIONAL BUILDINGS

3/5/46 • • 9
BONDS VOTED
SCHOOL BLDGS. Cost, $500,000
ANTIOCH, Contra Costa Co., Calif.
Construction of a new elementary school building (approx. cost $175,000-200,000); classroom addition to present comb. junior-senior high school (approx. cost $100,000); new gymnasium building at junior-senior high school (approx. cost $130,000), and other school improvements.
Owner—Antioch - Live Oak Unified School Dist., 1500 D St., Antioch.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco.
The school district voted bonds March 1 in the amount of $500,000, to finance above construction.

3/5/46 • • 9
TO PREPARE PLANS
SCHOOL BLDG. Cost, $120,000
BELMONT, San Mateo Co., Calif. Barrett School; Ralston Ave. near Belburn Village.
Construction of school building.
Owner—Belmont School Dist., Belmont.
Architect—Frederick L. Confer, 1214 Webster St.. Oakland.
The District voted March 4 on a proposal to issue bonds in amount of $120,000 to finance construction.

3/5/46 • • 9
BOND ELECTION
SCHOOL BLDG. Cost, $50,000
SELMA, Fresno Co., Calif. Jefferson School; Thompson Ave. bet. Sylvia and Young Streets.
Construction of school building.
Owner — Selma Elementary School District, Selma.
Architect—Not Announced.
District will vote March 26 on a proposal to issue bonds in amount of $50,000 to finance above construction.

3/5/46 • 9
PREPARING PLANS
SCHOOL ADDITION Cost, $50,000
MT. EDEN, Alameda County, Calif.
Construction of cafeteria and four additional classrooms.
Owner — Mt. Eden School District, Hesperian Blvd., Mt. Eden.
Architects—Higgins & Root, Security Bldg., San Jose.
The district recently voted bonds in the amount of $50,000, proceeds of which will be used to finance the above construction.

3/5/46 • 9
BONDS VOTED
FARMERSVILLE, Tulare Co., Calif. Farmersville Elementary School.
Construction of additional classrooms to present school.
Owner—Farmersville School District, Tulare County.
Architect—David H. Horn, Rowell Bldg., Fresno.
The school district voted bonds March 1 in the amount of $23,000 to finance construction.

3/5/46 • 9
BONDS VOTED
SENIOR HIGH SCHOOL
Cost, $1,000,000
RENO, Washoe County, Nev. Reno Senior High School.
Construction of new senior high school.
Owner—Reno School District No. 10, Earl Wooster, superintendent of schools, 139 W. 6th St., Reno, Nev.
Architect—Dehman Ferris, 577 La Rue St., Reno
The school district voted bonds March 2 in the amount of $1,500,000, proceeds of which will include financing the above construction at approximately $1,000,000 and the purchase of a site at $85,000.

3/5/46 • 9
BONDS VOTED
REMODEL SCHOOL Cost, $15,000
RENO, Washoe County, Nev.
Remodel McKinley Park Grammar School.
Owner—Reno School District No. 10, Earl Wooster, superintendent of schools, 139 W. 6th St., Reno, Nev.
Architect—Russell Mills, 803 Nixon St., Reno, Nev.
The school district voted bonds March 2 in the amount of $1,500,000, proceeds of which will include financing above work.

3/5/46 • 9
BONDS VOTED
REMODEL SCHOOL Cost, $150,000
RENO, Washoe County, Nev.
Remodel B. D. Billinghurst Junior High School.
Owner—Reno School District No. 10, Earl Wooster, superintendent of schools, 139 W. 6th St., Reno, Nev.
Architect—Russell Mills, 803 Nixon St., Reno, Nev.
The school district voted bonds March 2 in the amount of $1,500,000, proceeds of which will include financing above work.

3/5/46 • 9
BONDS VOTED
GRAMMAR SCHOOL
Approximate Total Cost, $250,000
RENO, Washoe County, Nev Intersection of Wonder, Locust, Kirman and Vassar Sts.
Construction of new grammar school building (approximate cost $232,610), and equipment (approximate cost $17,390).
Owner—Reno School District No. 10, Earl Wooster, superintendent of schools, 139 W. 6th St., Reno, Nev.
Architect—Guilling & Means, Clay Peters Bldg., Reno.
The school district voted bonds March 2 in the amount of $1,500,000, proceeds of which will include financing the above work.

3/5/46 • 9
BONDS VOTED
BISHOP, Inyo Co., Calif.—The Lo-Inyo School District of Inyo County voted bonds February 19 in amount of $60,000, proceeds of which will be used to finance construction of school classrooms, cafeteria and other additions.

11—HOSPITALS

3/5/46 •• 11
BIDS WANTED
WOOD, Wis.—Until March 26, 1:30 P. M., bids will be received by the Veterans' Administration, Washington 25, D. C., under Project 2328 for construction of addition of wing J to building No. 70 (containing 75,000 cu. ft.), Veterans' Administration Hospital at Wood, Wis.

3/5/46 • 11
PREPARING PRELIMINARY PLANS
HOSPITAL ADDN. Cost, $450,000
SACRAMENTO, Calif. Mercy Hospital, 40th and J Streets.
Construction of 5-story reinf. conc. wing addition to contain 100 beds.
Owner—Sisters of Mercy Hospital, 40th and J Streets, Sacramento.
Architect—Harry J. Devine. 624 "R" Street, Sacramento.

3/5/46 • 11
PREPARING PRELIMINARY PLANS
HOSPITAL Cost, $350,000
REDDING, Shasta Co., Calif.
Construction of reinforced concrete hospital bldg. containing 75 beds.
Owner—Sisters of Mercy Hospital, 40th and J Streets, Sacramento.
Architect—Harry J. Devine. 624 "R" Street, Sacramento.

3/5/46 • 11
PROSPECTIVE BIDDERS
SAN LEANDRO, Alameda Co., Cal.—As previously reported, until March 8, 11 A. M., bids will be received by the Public Works Department, 12th Naval District, 1182 Market St., San Francisco, Room 402, for installing tube radiation in existing covered passage and solaria with the necessary additions to the existing heating system, pipes, traps, valves, connections to existing heating and return main sand incidental work complete and ready for use at the U. S. Naval Hospital, San Leandro; Spec. 17460.

Plans and specifications obtainable from the Public Works Department, Design Section, 8th floor, Whitcomb Hotel, San Francisco, upon deposit of check or postal money order for $10, payable to Chief of Bureau of Yards and Docks.

The following contractors have taken out plans:

O'Mara Stewart, Ltd., 218 Clara St, San Francisco.

Western Plumbing & Heating Co., 445 Golden Gate Ave., San Francisco.

Jerry Doyle, P. O. Box 74, San Leandro.

Anderson & Rowe, 2501 Harrison St., San Francisco.

12-13—INDUSTRIAL BUILDINGS

3/5/46 •• 12
TO START CONSTRUCTION
ICE PLANT Cost, $175,000
TRACY, San Joaquin County, Calif. MacArthur Drive.
Construction of ice manufacturing and cold storage plant, partially stucco exterior and partially corrugated aluminum.
Owner — Tracy Ice & Development Co., Lindsey Cochran, president, Westside Highway, Tracy.
Contractor—Associated Refrigerating Engineers, 2100 E. Vernon Ave., Los Angeles.

3/5/46 • 13
BIDS WANTED—
TO BE OPENED MAR. 18, 11 A. M.
ORDNANCE SHOP SUPERSTRUCTURE
SAN FRANCISCO. S. F. Naval Shipyard.
Construction of six-story concrete and steel shop building which shall be used for industrial shop purposes, and which includes paving, track work, masonry, steel sash, corru. wire glass, roofing, protected metal siding, metal doors, plastering, wood block flrg., terrazzo, floor coverings, elevators, escalator monorails, and crane, utilities and painting; NOy 12968; Spec. No. 17152.
Owner—Bureau of Yards and Docks, Navy Dept., c/o Public Works Office, Room 2110, Admin. Building., San Francisco Naval Shipyard.
As previously reported, plans and specifications No. 17152 obtainable from the Officer in Charge of Construction, Room 2110 Administration Building, San Francisco Naval Shipyard, upon deposit of $130 check or postal money order payable to the Chief of Bureau of Yards & Docks.

3/5/46 • 12
SUPERSTRUCTURE FOR SHOP, ETC.
SAN FRANCISCO. San Francisco Naval Shipyard.
Construction of the superstructure for the completion of a two-story shop building No. 411, shipfitters' and boilermakers' shop, and miscellaneous small structures which shall be used for industrial shop purposes, and which includes asbestos siding, roofing, wood block and other flooring, earthwork, paving, track work, piling, metal windows and doors, tile work, plastering, tanks, sprinklers, elevators, concrete floor coverings, ventilation and utilities; Spec. No. 17099.
Owner—Bureau of Yards and Docks, Navy Department, c/o Public Works Office, Room 2110 Administration Bldg., San Francisco Naval Shipyard.
Low Bidder—James I. Barnes Construction Co., 941 Russ Bldg., San Francisco, $2,290,000.

Complete base bids and alternate proposals were:

James I. Barnes Construction Co., San Francisco, $2,290,000, (1) add $3000, (2) deduct $4000, (3) deduct $145,000, (4) $2.75.

Clinton Construction Co., 923 Folsom St., San Francisco, $2,294,000, (1) add $3500, (2) no bid, (3) deduct $160,000, (4) $3.

Barrett & Hilp, San Francisco, $2,300,000, (1) add $3000, (2) no bid, (3) deduct $164,000, (4) $3.

M. & K. Corp., San Francisco, $2,528,884, (1) add $3000, (2) deduct $5000, (3) deduct $132,000, (4) $13.

A. Farnell Blair, San Francisco, bid rejected due to qualifying the price quoted.

14-17—PUBLIC BLDGS.

3/5/46 • • 17
TO ASK BIDS
DETENTION HOME Cost, $125,000
SACRAMENTO, Sacramento Co. Cal. "V" Street.
Construction of one- and part two-story reinforced concrete and steel county detention home to accommodate 40 juveniles and provide small second story section for living quarters for the guards and administrative personnel.
Owner—County of Sacramento, Court House, Sacramento.
Architect—Harry J. Devine, 1012 Jay St., Sacramento.
Plans are completed and bids will be asked shortly.

3/5/46 • 16
BIDS OPENED
EUREKA, Utah.—C. C. Nelson, Provo, Utah, at $1778, submitted low bid to the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S Appraiser's Bldg., San Francisco, for interior and exterior painting at U. S. Post Office, Eureka, Utah.

Other bids were:

Kammerman Construction Co., Salt Lake City, $2085.

Keatl Co., Salt Lake City, $2345.

R. A. Newman, McMinnville, Ore., $3680.

3/5/46 • 16
BIDS OPENED
LANCASTER, Los Angeles Co., Calif — Patrick M. Cofarelli, 20337 Anita Ave., Hayward, at $9825, submitted low bid to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for finishing basement in U. S. Post Office, Lancaster.

George Godhart, Pasadena, at $11,812, submitted only other bid.

3/5/46 • 16
BIDS WANTED
SAN FRANCISCO—Until March 20, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for new elevator cables, etc., new Mint Building, San Francisco.

Specifications obtainable from the above office of the district engineer.

3/5/46 • 16
BIDS WANTED
SPRINGVILLE, Utah.—Until Mar. 20, 2 P. M., bids will be received by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for exterior painting, etc., U. S. Post Office, Springville, Utah.

Specifications obtainable from the above office of the district engineer or from the custodian of the building at Springville, Utah.

20-21—SOCIAL AND RECREATIONAL BLDGS.

3/5/46 • 20
BIDS OPENED
SAN FRANCISCO.—The following bids submitted to the Purchaser of Supplies, 270 City Hall, under Bid No. 3484 for steel tracks:

Bethlehem Pacific Coast Steel Corp., (1) $539; (2) $571; (3) $539; (4) $385; (5) $539; (6) $385; (7) $386; (9) $387; (10) $388.50; (11) $374.50; (12) $373; (13) $571; (14) $411.50; (15) $340; (16) $571; (17) $411.50; (18) $340; (19) $611.50; (20) $593.50; (21) $588; (22) $593; (23) $475.

Columbia Steel Co., (1) $406; (2) $406; (3) $406; (4) $304; (5) $406; (6) $304; (7) $340; (8) $319; (9) $321; (10) $324; (11) $243; (12) $382; (13) $493; (14) $344; (15) $340; (16) $493; (17) $344; (18) $340; (19) $427; (20) $398; (21) $383; (22) $398; (23) $340.

3/5/46 • 20
PREPARING PLANS
LABOR TEMPLE Cost, $100,000
SAN RAFAEL, Marin County, Calif. Northwest corner Fifth St. and Tamalpais Ave.
Construction of two-story reinforced concrete labor temple (100x129 ft.).
Owner—Building Trades Council, Geo. Scott, president, San Rafael.
Architects—Sam Heiman and R. N. Pollack, 605 Market St., San Francisco.
A hall association, comprising such union groups as elect to participate in the building program and ownership of the temple is being formed.

3/5/46 20
PLANNED
LODGE BUILDING
ALBANY, Alameda Co., Calif. Cor. Solano and Evelyn Avenues.
Construction of 2-story lodge building (50x125).
Owner—Bayview Aerie 2323, Fraternal Order of Eagles, W. E. Ferguson, member, 1138 Brighton Ave., Albany.

3/5/46 • 20
STARTING WORKING DRAWINGS
BOWLING ALLEY Cost, $115,000
BERKELEY, Alameda County, Calif. Channing Way.
Construction of one-story masonry building (76x115 ft.), to contain bowling alley and restaurant.
Owner—Withheld.
Architects—Thomson & Evans, 1308 E. 38th St., Oakland.

22-26—RESIDENTIAL BUILDINGS

3/5/46 • 22
PLANNED
ALTERATIONS TO HOTEL
NAPA. Napa Co., Cal. Reavis Hotel.
Alterations and renovations to hotel.
Owner—Jos. Lazarus, 1754 Jefferson Street, Napa.

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Tube Steam Radiation, Spec. No. 17460, NOy 12296	San Leandro	3- 8
Earthwork, Canal Lining, Spec. 1171	Friant-Kern Canal	3- 5
Spec. 1172 Earthwork, Canal Lining,	Friant-Kern Canal	3-12
8 Miles Railroad NOy 13469; Spec. 17620	Stockton	3-14

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Shell Chemical Shop and Storage Bldg., Shell Point; Bids open March 6
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)
Stolte, Inc., P. O. Box 781, Pittsburg (1417).

Escalator and Elevator Additions, Lincoln Bldg., 867 Market Street, San Francisco; Bids open March 12, 3:00 P. M.
Dinwiddie Constr. Co., 210 Crockor Bldg., San Francisco (EXbrook 5616)
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)

Theatre Bldg., Guerneville; Bids open March 6, 12 Noon.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).

Schools, Castro and Alvarado Sts., Richmond; Bids open March 6, 8 P. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Elmer J. Freethy, 1432 Kearney St., El Cerrito (Landscape 5-3811).
John M. Bartlett, 703 Everett St., El Cerrito (LAndscape 5-9133)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill [illegible])

Superstructure for Ordnance Shop, San Francisco Naval Shipyard; NOy 12968; Spec. 17152; Bids open March 18, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
E. S. McKittrick Co., 610—16th St., Oakland (TWin Oaks 5070).
M & K Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
A. Farnell Blair Co., Inc., 9 Main St., San Francisco (YUkon 0390).
Moore & Roberts, 693 Mission St. San Francisco (GArfield 8579).
Peter Kiewit Sons' Co., 442 Post St., San Francisco (EXbrook 5736).

Alter Apt. House, 601 O'Farrell St., San Francisco; Bids open Mar. 8, 2 PM.
G. P. W. Jensen & Sons, Inc., 320 Market St., S. F. (GArfield 3444)
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).

Esberg Rresidence, 16th Ave. and Presidio, S. F.; Bids open Mar. 8, Noon.
G. P. W. Jensen & Sons, Inc., 320 MArket St., S. F. (GArfield 3444)
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).
Elvin C. Stendell, 105 Gonzalez Dr., San Francisco (JUniper 4-63228)

Alter Yolo Theatre, Woodland; Bids open March 13, 2:00 P. M.
Mariposa Constr. Co., 198 Mississippi St., S. F. (UNderhill 0375)
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).

Bank Building, East Salinas; Bids open March 12.
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)

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ADVANCE CONSTRUCTION REPORTS

3/5/46 • • 26

CONTRACT AWARDED

LOS ANGELES, Cal.—Daley Bros., 426 Bryant Street, San Francisco, at $75,000 awarded contract by Federal Public Housing Authority, Phelan Bldg., San Francisco, for the construction of 50 family dwelling units at Los Angeles; Cal-V-4400. Completion date June 5.

3/5/46 • • 26

CONTRACT AWARDED

LOS ANGELES, Cal.—Daley Bros., 426 Bryant Street, San Francisco, at $37,500 awarded contract by Federal Public Housing Authority, Phelan Bldg., San Francisco, for the construction of 25 family dwelling units at Los Angeles, Cal-V-4397. Completion date May 27.

3/5/46 • 22

PLANNED

HOTEL

MADERA, Madera Co., Calif. Fifth and D Streets.

Construction of modern 80 to 90 room hotel; modern heating and cooling systems, parking facilities.

Owner—John A. Franchi, 519 North D St., Madera.

3/5/46 • 26

CONTRACT AWARDED

LOS ANGELES, Cal.—Daley Bros., 426 Bryant St., San Francisco, at $294,400, awarded contract by the Federal Public Housing Authority, Phelan Bldg., San Francisco, for the construction of 200 family dwelling units at Los Angeles; Calif. V-4396. Completion date July 25.

3/5/46 • 22

PLANNED

MOTEL Cost, $150,000

COLFAX, Placer County, Calif.

Construction of modern motel consisting of 20 units and containing a restaurant (40x100 ft.), cocktail bar and lounge (40x100 ft.), swimming pool, tennis and badminton courts and gasoline station.

Owner—I. H. Cupps, 2529 94th Ave., Oakland.

Architect—Not announced.

3/5/ 26

TO START WORK

HOME BLDG. PROJECT

Est. Cost, $172,500

SANTA CRUZ, Santa Cruz Co. ,Cal. Bernardo Park area and Lone Pine Subdivision near the monument north of Freedom.

Construction of 22 residences for veterans.

Owner and Builder—Manuel S. Bernardo, 111 Tuttle Ave., Watsonville. Construction to start immediately.

3/5/ • 25

COMPLETING PLANS

RESIDENCE

SAUSALITO, Marin County, Calif.

Construction of one-story frame residence (3 bedrooms and maid's room)

Owner—Withheld.

Architects—DeMartini & Igaz, 785 Market St., San Francisco.

3/5/46 22

PLANNED

HOTEL

CARMEL VALLEY, Monterey Co., Calif. Los Laurelles junction with the valley road.

Construction of hotel.

Owner—David Prince, Carmel.

3/5/46 • • 23

BID OPENING DATE ADVANCED

ALTER APARTMENT HOUSE

SAN FRANCISCO. 601 O'Farrell St.

Alterations to apt. house, involving new restaurant, cocktail lounge, exterior and interior alterations.

Owner—P. Tremain Loud, c/o Arch.

Architects—Ward & Bolles, 369 Pine.

Bid opening date advanced from March 10 to March 8, 2 P. M.

Following contractors are figuring plans:

Mattock Constr. Co., 212 Clara St.

G. P. W. Jensen & Sons, Inc., 320 Market Street.

Russell Cullen, 478 Jackson St.

Jacks & Irvine, 620 Market Street.

Haas Constr. Co., 326 Merchants' Exchange Building.

Fred J. Early, Jr., 369 Pine Street.

3/5/46 • • 24

BID OPENING HOUR ADVANCED

RESIDENCE

SAN FRANCISCO. 16th Avenue and Presidio Wall.

Construction of one-story frame and stucco residence (8 rooms).

Owner—Dr. Hans Esberg, c/o Arch.

Architects—Ward & Bolles, 369 Pine.

Hour of bid opening on March 8 advanced from 2 P. M. to noon.

Following contractors are figuring plans:

Mattock Constr. Co., 212 Clara St.

G. P. W. Jensen & Sons, Inc., 320 Market Street.

William Martin, 666 Mission Street.

Russell Cullen, 478 Jackson St.

3/5/46 • • 24

COMPLETING WORKING DRAWINGS

RESIDENCE Approx. Cost, $30.000

Nr. WALNUT CREEK, Contra Costa County, Calif.

Construction of frame and wood siding residence (8 rooms) tile floors on concrete slab.

Owner—Withheld.

Architects—Thomson & Evans, 1308 E 38th St., Oakland.

3/5/46 • • 24

COMPLETING WORKING DRAWINGS

RESIDENCE Approx. Cost, $30,000

Near LAFAYETTE, Contra Costa Co., Calif.

Construction of frame and wood siding residence (9 rooms) hardwood floors, tile baths.

Owner—Withheld.

Architects—Thomson & Evans, 1308 E 38th St., Oakland.

3/5/46 • • 24

COMPLETING WORKING DRAWINGS

RESIDENCE Cost, $10,000-$12,000

NEAR LOS GATOS, Santa Clara Co., Calif. Oak Glen Park.

Construction of frame residence (8 rooms, two tile baths), hardwood floors, shake roof, hot - air floor furnaces, separate two-car garage.

Owner—Jas. A. Bacicalupi, c/o arch.

Architect—Henry David Kensit, Post Office Bldg., Los Gatos.

3/5/46 15

BOND ELECTION SCHEDULED

CIVIC CENTER $300,000

SAN BRUNO, San Mateo Co., Calif. Linden Blvd. and west side of El Camino Real.

Construction of two-story civic center of Spanish type architecture (538x515x171 ft.). The building will provide facilities for a city hall, a library, police headquarters, jail, and central fire station, county branch courthouse and ambulance station.

Owner—City of San Bruno, Edward McGuire, mayor, City Hall.

Architect — Richard M. Bates, 950 Baileyana Rd., Hillsborough.

The City Council expects to place a $350,000 bond issue to finance above construction on the ballot at the April 9 city election.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Bridges 33
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Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

3/5/46 • 32

BOND ELECTION

TULARE, Tulare Co., Calif.—Voters of the City of Tulare will hold an election April 9, to vote on the proposition of issuing bonds in the amount of $500,000 to finance the construction of a new sewage treatment plant, and the installation of 19,000 ft. of outfall and trunk sewer line and storm sewer lines.

Plans are being prepared by Quintin Engineers, 816 S Figueroa St., Los Angeles.

3/5/46 • 32

BIDS WANTED

GRANDVIEW, Wash.—Until Mar. 26, 8 P. M., bids will be received by the City of Grandview, City Hall, for construction of sewage treatment plant for City of Grandview.

Plans obtainable from Consulting Engineer James W. Carey & Associates, Alaska Trade Bldg., Seattle, upon deposit of $10.00.

3/5/46 • 31

BIDS REJECTED

YOLO COUNTY, Calif.—State Director of Public Works C. H. Purcell rejected bids submitted for drilling water well at the State Highway nursery, about three miles east of Davis, Yolo County. Western Well Drilling Co., Ltd., 522 W. Santa Clara, San Jose, at $1760, submitted the low bid.

3/5/46 • 22

PLANNED

HOTEL

LOS GATOS, Santa Clara Co., Calif. Little Village.

Construction of small de-luxe hotel and new shops, incl. radio shop, flower shop, stylist shop, restaurant, and luggage and linen shop.

Owner—Johnson & Whitestone, Little Village, Los Gatos.

33—BRIDGES

3/5/46 • 33

CONTRACT AWARDED

SOLANO COUNTY, Calif.—Healy-Tibbitts Construction Co., 1100 Evans Ave., San Francisco, at $13,345, was awarded contract by Charles H. Purcell, state director of public works, Sacramento, for repairing a bridge fender across Napa River at west city limits of Vallejo, Solano County, Calif.

34—DAMS, RESERVOIRS & DREDGING

3/5/46 • 34

COMPLETE BIDS

DESCHUTES PROJECT, Oregon.—As previously reported, Sleeper & Keyes, 434 Portland Ave., Bend, Ore., at $24,718.75, submitted low bid to the Bureau of Reclamation, Bend, Ore., under Spec. 1174 for furnishing labor and materials and performing all work for construction of highway crossing, station 2718 plus 78, north unit main canal; station 29 plus 17.7, lateral M-48; station 30 plus 51.23, lateral M-51, Deschutes Project, Oregon. The work is situated in the vicinity of Metolius, Ore.

The work involves:

(1) 3000 cu. yds. excavation, common, for structures;
(2) 100 cu. yds. excavation, rock, for structures;
(3) 2500 cu. yds. backfill;
(4) 2000 cu. yds. compacting backfill;
(5) 310 cu. yds. concrete in structures;
(6) 42,000 lbs. placing reinforcement bars;
(7) 125 lin. ft. laying 18-in. diameter concrete pipe;
(8) 272 lin. ft. laying 36-in. diameter concrete pipe.

Complete bids follow:

Sleeper & Keyes, Bend, Ore., (1) $1.75, (2) $4, (3) $0.50, (4) $0.80, (5) $44, (6) $0.04, (7) $1.75, (8) $2.50; total, $24,718.75.

W. C. Thompson, San Francisco, (1) $1.25, (2) $2, (3) $0.55, (4) $0.90, (5) $45, (6) $0.065, (7) $1.45, (8) $3.60; total, $24,965.45.

McLaughlin Construction Co., Redmond, Ore., (1) $1.50, (2) $3, (3) $0.50, (4) $1.10, (5) $46, (6) $0.05, (7) $2, 8) $4; total, $25,948.

Blickle & Cater, Portland, Ore., (1) $1, (2) $2.50, (3) $0.50, (4) $1, (5) $55, (6) $0.05, (7) $1.50, (8) $5; total, $27,197.50.

3/5/36 •34

PROSPECTIVE BIDDERS

LAS ANIMAS, Colo.—As previously reported, until March 12, 10 A. M., bids will be received by the U. S. Engineer Office, Las Animas, Colo., for construction of earth levee, dikes and drainage system, Ft. Lyon, Colo., Serial 46-31.

Following contractors have taken out plans:

Mark C. Walker & Son, 412 First National Bank Bldg., Santa Ana.

Vinnell Co., 1145 Westminster, Alhambra.

Ralph O. Dixon, 2801 W Mission Road, Alhambra.

Westbrook & Pope, Route 9, Box 841, Sacramento.

Peter Kewit Sons Co., Box 4149 South Denver Sta., Denver, Colo., and 650 S. Grand Ave., Room 505, Los Angeles.

Morrison - Kundsen Co., Box 450, Boise, Idaho, and 810 Title Gurantee Bldg., Los Angeles.

Grafe-Callahan Constr. Co., 2034 Amelia St., Dallas 9, Texas, and 714 W. Olympic Blvd., Los' Angeles.

Lowdermilk Bros., 140 S Elati, Denver, Colo.

Northwestern Engrg. Co., P. O. Box 567, Denver 1, Colo.

Hinman Bros. Constr. Co., 1807 Investment Bldg., Pittsburgh 22, Pa.

M. R. Latimer, W 7th and Navajo Sts., Denver, Colo.

Grosshans & Peterson and Ted C. Briggs Co., La Junta, Colo.

J H-N M Monaghan, 332 South Race, Denver, Colo.

Platt Rogers, Inc., Pueblo, Colo.

Brown Constr. Co., 1530 E Abriendo, Pueblo, Colo.

Francis R. Orshek Co., Fremont, Nebraska.

C. L. Hubner Co., 4000 York St., Denver 5, Colo.

The Colorado Builders Supply Co., 1534 Blake St., Denver, Colo.

Foster & McHarg, P. O. Box 641, Blythe, Calif.

Western Contracting Corp., 400 Warnock Bldg., Sioux City, Iowa.

S. J. Groves & Son sCo., 511 Wesley Temple Bldg., Minneapolis, Minn.

Condon-Cunningham Co., 4229 Lafayette Ave., Omaha, Neb.

3/5/46 • 34

BIDS WANTED

CADDOA, Bent Co., Colo.—Until April 9, 11 A. M., bids will be received by the U. S. District Engineer Office, Commercial Bldg. and P. O. Box 1538, Albuquerque, N. M., for the completion of John Martin Dam on the Arkansas River, approximately 50 miles west of the Kansas-Colorado state line and near, Caddoa, Bent Co., Colo The work will consist of completing the construction of the dam. Various phases of the work are partially completed and a portion of the materials and equipment required in the construction will be furnished by the government. The major part of the work consists of completing concrete bridge piers and spillway bridge, steel stairs and gratings, the tainter gates and gate operating machinery and equipment, the spillway and dam power and lighting systems and the highway construction; furnishing and installing an automatic elevator, spillway servicing equipment and a gallery drainage system. Completion time, 365 days

3/5/46 34

CONTRACT AWARDED

RITZVILLE, Wash.—Hansen Construction Co., W. 232 Pacific Ave., Spokane, at $35,574 for welded steel tank with rust-restoration unit, was awarded contract by the City of Ritzville for construction of reinforced concrete tank, 1,000,000-gallon storage capacity.

Plans by Consulting Engineer De Witt C. Griffin & Associates, Old National Bank Bldg., Spokane.

3/5/46 • 34

BIDS WANTED

SEATTLE, Wash.—Until March 14, 2 P. M., bids will be received by the U. S. Engineer Office, Textile Tower, Seattle, under Spec. 43-75 for exploratory foundation work at Priest Rapids damsite, Columbia River, Yakima and Grant counties.

Specifications obtainable from the above office.

36— PARKS, AIRPORTS & PLAYGROUNDS

3/5/46 • • 36

BIDS OPENED

OAKLAND, Alameda Co., Calif.—Peter Sorensen, 927 Arguello Street, Redwood City, at $5025 submitted low bid to U. S. Engineer Office, 74 New Montgomery St., San Francisco, under Spec. 1400-8 for leveling and ditch work at Municipal Airport.

Other bids were:

Parish Bros.. Benicia, $7158.

Fredrickson & Watson Constr. Co., Oakland, $7294.

Fredrickson Brothers, Emeryville, $8450.

Chas. L. Harney, San Francisco, $8837.

Piazza & Huntley, San Jose, $15,250.

37— RAILROADS, SUBWAYS & TUNNELS

3/5/46 • 37

BIDS OPENED

BOISE PROJECT, Idaho. — H. B. Nicholson, 1151 S. Broadway, Los Angeles, at $454,650, submitted low bid to Walker R. Young, chief engineer, Bureau of Reclamation, Boise, Idaho, for the completion of earthwork, structures, track and telegraph line relocation of Idaho Northern branch, Oregon Short Line Railroad (Union Pacific Railroad Co., lessee), Cascade to Donnelly, Cascade Reservoir, Payette Division, Boise Project, Idaho. The work is situated near Cascade, Idaho.

J. A. Tertelling, Boise, Idaho, at $463,605, submitted only other bid.

3/5/46 • 37

BIDS POSTPONED

ROUGH AND READY ISLAND, near Stockton, San Joaquin Co., Calif. —Until March 14, 11 A. M. (postponed from March 12), bids will be received by the officer in charge of construction, U. S. Naval Supply Annex, Rough and Ready Island, Stockton, under Spec. 17620, NOy 13469, for reconstruction of railroad tracks at the U. S. Naval Supply Annex, Stockton.

Work consists of replacement of approximately eight track miles of worn rails, switches, etc., with new or acceptable relayer rails and accessories complete and ready for use.

The existing 70-, 72-, 75-lb. rails, turnouts, etc., are to be removed and replaced with new 75-lb., new 90-lb. or acceptable 110-lb. relayer rails and accessories. Spike holes in ties will be plugged and defective ties replaced. Track will be brought to grade and ballast properly retamped. Material removed will remain the property of the Navy and will be placed in a nearby storage area on the Naval Supply Annex, Stockton, by the contractor, Alternate bid items will be included for supplying and installing new 75-lb. rails and turnouts, new 90-lb. rails and turnouts or 110-lb. relayer rails and new turnouts and a separate bid item will be called for on cost per unit tie for removing the defective ties and furnishing and installing new ties.

Bids will be asked as follows:

(1) work complete using new 90-lb. rails, fittings and accessories;
(2) work complete using new 75-lb. rails, fittings and accessories;
(3) work complete using 110-lb. relayer rails, fittings and accessories;
(4) price per tie for removing any existing defective ties which are part of the track to be reconstructed and furnishing and installing new ties.

A copy of plans and specifications are on file for examination at the office of DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco.

As previously reported, the following contractors have taken out plans:

Sharp & Fellows Construction Co. and Wm. A. Smith, 593 Market St., San Francisco.

O. B. Richter, Box 264, Lodi.

Clifford C. Bong & Co., 6 N. 1st Ave., Arcadia.

Eaton & Smith, 715 Ocean Ave., San Francisco.

A. D. Schader, 144 Spear St., San Francisco.

R. Goold & Son, Box 190, Stockton.

H. B. Nicholson, 572 Chamber of Commerce Bldg., Los Angeles.

Guerin Bros., 208 S. Linden Ave., South San Francisco.

38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

3/5/46 • 38

BIDS POSTPONED

RIO GRANDE PROJECT, New Mexico.—Until March 15, 10 A. M. (postponed from March 6), bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. No. 1170 for the construction of the Alamogordo-Hollywood and the Elephant Butte - Socorro 115 - kilovolt transmission line, Rio Grande Project, New Mexico. The work is situated in approximately the central portion of the state of New Mexico.

The specifications will provide for bids on either or both of the two transmission lines, but no bid will be considered for only a part of either line.

No charge to prospective bidders for copies of the specifications and drawings; to others, $1.75 per copy, not returnable.

Guarantee will be required with each bid in an amount not less than 10 per cent of the amount of the bid.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: W. R. Nelson, regional director, Oliver-Eagle Bldg., 6th and Polk Sts., Amarillo, Texas; O. N. Parker, construction engineer, Alamogordo, N. M.; Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the construction engineer.

39—SEWERS

3/5/46 • 39

BIDS OPENED

FRESNO, Calif. — Pacific Pipeline Construction Co., 2268 E. Firestone Bldg., Los Angeles, at $5656.51, submitted the low bid to the City Council of the City of Fresno, D. E. Roughton, city clerk, City Hall, Fresno, February 28, for the sewering of Westwood Heights, Palm Garden Subdivision No. 2, and Delver Place, Fresno; 1911 act.

The work involves:

(1) 699 lin. ft. 12-in. concrete sewer in place;
(2) 2501 lin. ft 6-in. vitrified clay pipe sewer in place;
(3) 102 4-in. on 6-in. Y branches;
(4) 6 masonry manholes with cast iron frames and covers.

Complete bids were:

Pacific Pipeline Construction Co., (1) $1.73, (2) $1.40, (3) $125; total, $5656.51.

W. M. Lyles, (1) $2.65, (2) $1.60, (3) $1, (4) $125; total, $6705.95

Kovick Bros., (1) $3.20, (2) $2.18, (3) $3, (4) $160; total, $8954.98.

3/5/46 • • 39

CONTRACT AWARDED

OAKLEY, Contra Costa Co., Calif. —McGuire & Hester, 796—66th Ave., Oakland, at $44,270.04 submitted low bid and awarded contract by the Oakley Sanitary District, Frank D. Porto, Secretary, Sportsman's Club, Acme and First Sts., Oakland, for construction of sanitary sewers in and for a portion of the district.

Plans by District Engineer L. Cedric Macabee, 759 Las Juntas St., Martinez. Other bids were:

Oakland Sewer Constr. Co., Oakland, $45,904.47.

Bechtel Bros., Los Angeles, $48,313.17.

Freethy - Fogelberg, El Cerrito, $48,327.35.

Underground Constr. Co., Oakland, $49,357.15.

Martin Murphy, Walnut Creek, $49,490.45.

Fast Constr. Co., $50,243.80.

A. J. Peters & Son, San Jose, $58,436.30.

A. E. Downer, Stockton, $69,733.10.

R. Goold & Son. Stockton, $76,421.17.

3/6/46 • 39

CONTRACT AWARDED

TURLOCK, Stanislaus Co., Calif.—Lloyd W. Terrell, 221 9th Ave., Turlock, at $10,000 awarded contract by the Turlock Irrigation District, R. V. Meikle, cheif engineer, Turlock, for construction work in improvement district No. 391A, the Chapman ditch.

3/5/46 • 39

BIDS WANTED

RIVERSIDE, Riverside Co., Calif. —Until March 12, 10 A. M., bids will be received by the city council of the City of Riverside, office of the City Clerk, City Hall, Riverside, for the construction of improvements to Monroe Street between Magnolia Ave. and Indiana Ave., by constructing a sewer therein and by doing all necessary grading.

40— STREETS AND HIGHWAYS

3/5/46 • • 40

BID CALL CANCELLED

SAN BERNARDINO CO., Calif.—The State Division of Highways, G. T. McCoy, State Highway Engineer, Public Works Bldg., Sacramento, has cancelled the call for bids for about 3.2 miles grading and surfacing with plant mix surfacing between Highland Ave. and City Creek bridge, and constructing a bridge across City Creek, in San Bernardino County.

Bids were scheduled to be opened March 28 in Los Angeles.

3/5/46 • • 40

TOTAL BIDS

CLARK COUNTY, Nev.—As previously reported, Westbrook & Pope, 1331 C St., Sacramento, at $422,096.05 submitted low bid to the State of Nevada Directors of the Department of Highways, Robert A. Allen, state highway engineer, Heroes' Memorial Bldg., Carson City, Nev., for construction of 18.842 miles of state highway in Clark County, from a junction with U. S. 95, approx. one mile north of the Nevada-California state line, to Davis Dam, Route 77, Section A.

Other bids were:

Dodge Constr. Co., Fallon, $427,046.36.

Utah Constr. Co., Salt Lake, $440,622.95.

Guerin Bros. Constr. Co., Los Angeles, $461,174.90.

Morrison - Knudsen Constr. Co., Boise, Idaho, $549,614.68.

Silver State Constr. Co., Fallon, $553,665.98.

Vinnell Constr. Co., Alhambra, Cal., $563,655.65.

Unit prices will be given shortly.

3/5/46 • 40

BIDS WANTED

COALINGA, Fresno Co., Calif.—Until March 18, 7:30 P. M., bids will be received by the City of Coalinga, W. C. Wallace, City Clerk, City Hall, for installing 1600 feet of curbing.

Specifications obtainable from the above office.

3/5/46 40

CONTRACT AWARDED

DAVIS DAM PROJECT, Arizona-Nevada.—Charles J. Dorfman, 124 N. La Brea, Los Angeles, at $214,251.35, was awarded contract by the U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Kingman, Ariz., under Spec. 1136 for construction of streets and highways, sidewalks, curbs and gutters and drainage, sewerage and water distribution systems for Davis Government camp, Davis Dam Project, Arizona-Nevada. The work is situated about 30 miles west of Kingman, Ariz.

41—GAS, WATER AND OIL PIPE LINES

3/5/46 • 41

BIDS POSTPONED

MARCH FIELD, Riverside Co., Calif.—Until March 15, 1 P. M. (bid opening date postponed from March 13), lump sum bids will be received by the U. S. District Engineer Office, 751 S. Figueroa St., Los Angeles, for revision of aviation oil storage and dispensing system at March Field, Riverside County; Serial 151.

3/5/46 • • 40

BIDS WANTED

SISKIYOU COUNTY, Calif.—Until March 27, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Building, Sacramento, for about 20.4 miles in length to be surfaced with imported borrow base and plant mix surfacing, portions, between Weed and Yreka, in Siskiyou County.

Plans and specifications may be obtained from the above office.

Work involves:

(1) 52,200 tons import borrow base;
(2) develop water supply and furnish water equipment;
(3) 1,500 M. gals. apply water;
(4) 253 sta. finish roadway;
(5) 2,000 tons fine screenings, seal coat;
(6) 1,350 tons coarse screenings, seal coat;
(7) 290 tons pave. asph., seal coat;
(8) 100 tons liq. asph. SC-2, prime coat;
(9) 880 tons pave. asph., plant mix surfacing;
(10) 14,200 tons min. agg. dence graded plant mix surf.;
(11) 4.250 tons min. agg., open graded plant mix surf.;
(12) 30 tons liq. asph. RC-2 tack coat and choker;
(13) 350 tons min. agg. chocker.

42— MISC. SUPPLIES AND MATERIALS

3/5/46 • 42

BIDS WANTED

YUMA, Ariz.—Until March 15, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver, Colo., under Inv. 24,958-A-2 for furnishing 1250 tons treble superphosphate fertilizer in 100-lb. bags, f.o.b. shipping point and/or Yuma, Ariz., Gila Project, Arizona.

Specifications obtainable from the above office.

3/5/46 • 42

BIDS WANTED

PHOENIX, Ariz.—Until March 14, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Inv. 7231-A for H-frame phase fittings, angle brackets, etc., f.o.b. shipping point and/or Phoenix, Ariz.; Phoenix-Tucson transmission line No. 2.

Specifications obtainable from the above office.

3/5/46 42

BIDS WANTED

BOISE PROJECT, Idaho. — Until March 26, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., for furnishing three 2000-kva., 66,000- to 2400-volt, 60-cycle, oil-immersed, self-cooled, outdoor type transformers, each with lightning arrester for 69,000-volt ungrounded neutral circuit mounted on case; one 69,000-volt, 600-ampere, outdoor type disconnecting switch with manually-operated grounding blades, and three 69,000-volt, 200-ampere, outdoor type expulsion-fuse disconnecting switches, each complete with two fuse units, for the "C" line canal pumping plant, Payette Division, Boise Project, Idaho, delivered f.ob. cars (a) shipping point or (b) Emmett, Idaho; Specification No. 1222. No charge to prospective bidders for specifications; to others, $1.

3/5/46 42

BID OPENED

SAN FRANCISCO—Columbia Steel Co., Russ Bldg., at (1) $54.50 per net ton; (2) $8.85 per pair; (3) $8.85 per pair, submitted only bid to the Purchaser of Supplies, 270 City Hall, under Bid No. 3491 for steel track specials.

3/5/46 42

BID OPENED

SAN FRANCISCO.—Dom Politeo, 547 Howard Street, at $70 per lb.; 30 days net; 90 day delivery, submitted only bid to the Purchaser of Supplies, 270 City Hall, under Bid No. 3494 for trolley cord for the Municipal Railway.

3/5/46 42

BID OPENED

SAN FRANCISCO. — E. F. J. U. Products Co., at $66 per 1000 board foot, 30 day delivery; 1% 15 days, submitted only bid to the Purchaser of Supplies, 270 City Hall, under Bid No. 3490 for cedar ties.

43— MACHINERY AND EQUIPMENT

3/5/46 • 43

LOW BIDDERS

REDDING, Shasta Co., Calif.—The following submitted low bids to the Bureau of Reclamation, Denver, Colo., under Spec. No. 1157 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Redding, Calif., at the option of the bidder, ventilating equipment for installation in the Keswick power plant, Central Valley Project, California.

Westinghouse Electric Corp., Denver, Colo., $2059.20 (Sched. 1, items 1 through 6).

Hendrie & Bolthoff Manufacturing Co., Denver, Colo., $2172 (Sched. 1, items 1 through 6); $363 and $183 (Sched. 2, items 7 and 8); $641.74 and $687.64 (Sched. 3, items 9 and 10).

Stone Heating & Ventilating Co., Washington, D. C., $2255 (Sched. 1, items 1 through 6); $585 and $237 (Sched. 2, items 7 and 8).

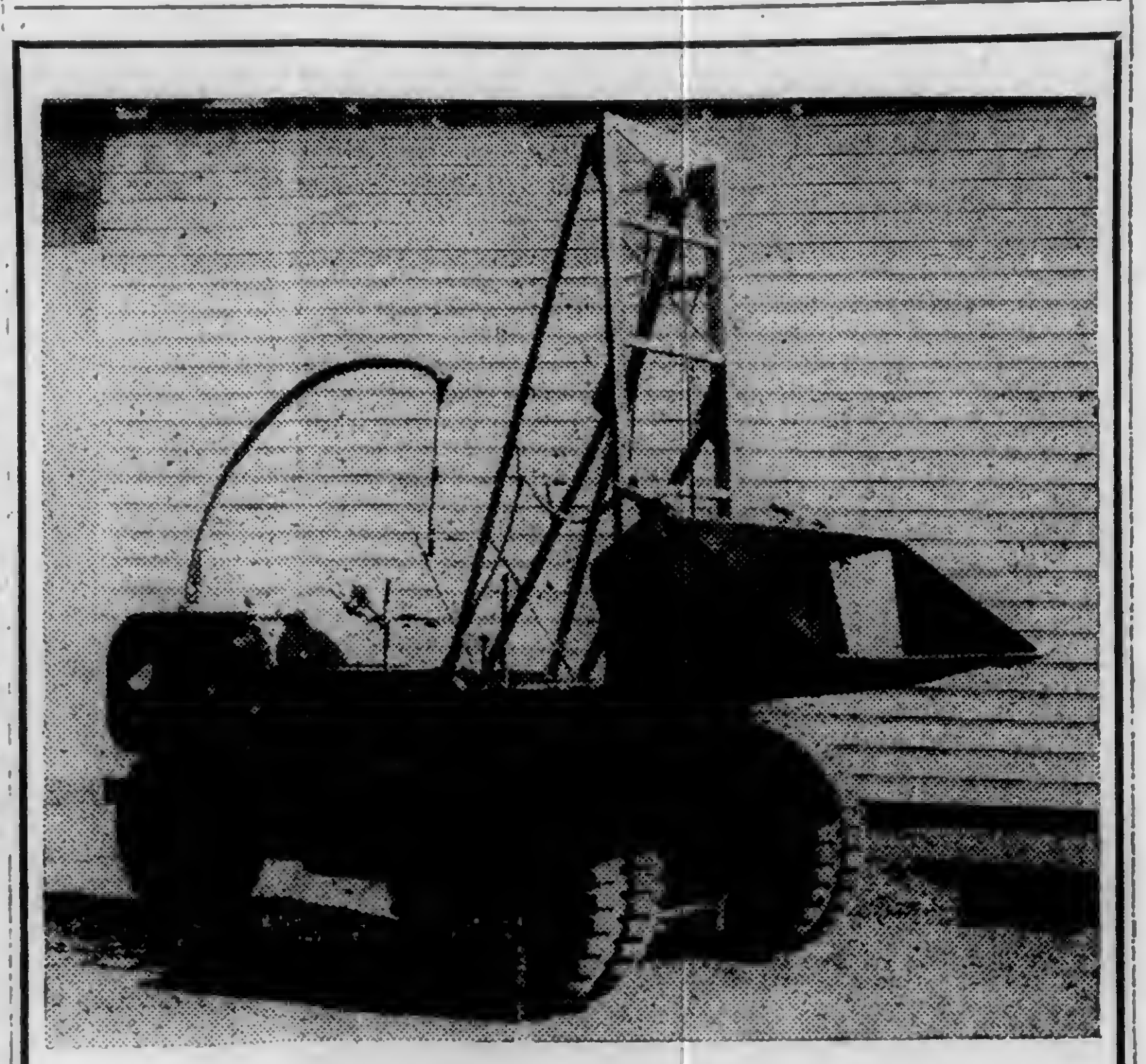
Grayber Electric Co., Denver, Colo., $2992.45 (Sched. 1, items 1 through 6).

3/5/46 43

BIDS WANTED

DAVIS DAM PROJECT, Kingman, Ariz.—Until April 17, 2 P. M., bids will be received at the office of the Bureau of Reclamation, Denver, Colo., for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Louise, Ariz., at the option of the bidder, five 17.5-ft. by 34x66-ft. fixed - wheel gates, five hydraulic hoists for fixed-wheel gates, and one set of erection equipment for installation at the Davis Dam, Davis Dam Project, Kingman, Ariz.; Specification 1203. All of the materials will be installed by the government. The specifications do not contain a provision for liquidated damages for delay. No charge for copies of the specifications to prospective bona fide bidders; to others, $175, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colo.

(Continued on Page Four)



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*This 33 per cent includes the 10.3 per cent Natural Gas rate cut effective after February 28. There were other Gas Rate cuts in August 1939—in October 1940 and in February 1943.

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Building Permits, Contracts---Recorded Notices

BUILDING PERMIT Applications

SAN FRANCISCO

FACTORY, Class A, $152,000; West Tennessee 144.6 S 20th St; owner, American Motor Co, 475 11th St; contractor, Fred W Schell, 666 Mission St.
ALTER brewery, $60,000; E Juniper 150 N Bryant; owner, S F Brewing Corp, 490 10th St; contractor, Cahill Bros, 206 Sansome St.
ALTER clothing store, $40,000; 150 Sutter St; owner, Atkins Clothing Co, premises; contractor, Fred W Schell, 666 Mission St.
INDUSTRIAL bldg, light Class C, $36,000; W 9th St 131.3 S Mission; owner, Julious Harband, c/o cntr; contractor, W C Akard, 225 Cervantes Blvd.
APTS, Class C, $25,000; S Chestnut 103½ E Powell; owner, A Costanzo 410 Chestnut St; contractor, Progressive Bldg & Constr Co, 98 Templeton Ave.
FLATS, 2-story frame, $14,800; N Geneva 100 W Naples; owner, D Canerot, 1163 Geneva; contractor, Empire Constr Co, 344 Harriet St.
FLATS, 13 2-story frame, $10,000 each; W 20th Ave 200 N Kirkham, NW 24th Ave and Judah, W 24th Ave 50 N Judah, W 25th Ave 250 N Judah, N Judah 57.6, 82.6 W 31st Ave, S Judah 107.6, 132.6, 157.6 W 26th Ave, N Judah 82.6 E 34th Ave, S Judah 57.6, 82.6 E 41st Ave, SW 33rd and Judah; owner and builder, Henry Doelger, Bldr, Inc, 3200 Judah St.
ALTER dwelling to 3 apts, $6500; 316 Moraga; owner, John H Gaw, 116 Erie St; contractor, Central Calif Constr Co, 116 Erie St.
LOADING Dock, $6500; E Loomis 250 N Oakdale; owner, A R Reid Co, 2600 Oakdale; contractor, Cramer Co, 345 Vermont St.
DWELLINGS, six 1-story frame, $5,400 each; W 45th Ave 100, 125, 150, 175, 200, 225 S Ortega St.
DWELLING, four 1-story frame, $5,-175, 200, 225 S Ortega St; owner and builder, Superior Bldg Co, 1426 Noriega; architect, B K Dobkowitz, 425 Monterey Blvd.
300 each; S Tioga 100, 150, 175, 200 E Rutland; owner and builder, The Wilder Co, 2156 San Bruno Ave.
DWELLINGS, two 1-story frame, $5,000 each; W St Charles 268.82, 243.62 N Belle Ave; owner, Alemany Constr Co, 4277 Mission St; contractor, Martice & McKinney, 4277 Mission St.
DWELLING, 1-story frame, $4850; E Gates 175 S Crescent; owner, Gilbert L Plov, 395 Monterey Blvd.
SERVICE Station, Class C, $4500; NW Silver and San Bruno Aves; owner, Jos L Castro & Co, 400 Illinois; contractor, John Munson, 140 South Park.
DWELLINGS, three 1-story frame, $4500 each; W Prentiss 67, 92, 117 N Crescent; owner and builder, Bergstrom & Larrick, 305 Prospect.
ALTER dwelling, $4000; 1009 Lombard St; owner, Fred Cox, 2402 41st Ave; contractor, W C Tait Co 461 Market St.
ALTER apts, $2778; 1694 Green St; ower, A Esmiol, prem; contractor, Vance Petersen, 2901 20th Ave.
TOOL and equipment shop, 1-story frame, $2275; 34th Ave and Clement St; owner, City and County of San Francisco; contractor, N W Wiseth, 711 McAllister. St.
ALTER church, $2000; 1227 Sutter; owner, Apostolic Faith, premises.
ALTER drug store, $2000; 1159 Market St; owner, M V Zenatar, 807 Market; contractor, M J Hardy, 736 Clementina St; engineer, W Adrian, 417 Market St.
ALTER restaurant and hotel, $1800; 1482 Sutter St; owner, G Thompson, premises; contractor, G T Robinson, 43 Milan Terrace.
ALTER dwelling to 4 apts, $1500; 410 Elizabeth; owner and contractor, F H Tate, 335 Elizabeth.
ALTER stores, $1400; 3092-8 24th St; owner, Rudy Feil, 2751 Bryant St; contractor, R S Silverberg, 753 Larch St.
ALTER dwelling, $1250; 530 Bowdoin St; owner and contractor, R and Betty Pearson, premises.
ALTER dwelling, $1000; 475 Bright; owner and contractor, F Davy, 475 Bright St.
ALTER store, $1000; 590 Market St; owner, Kaufman, 137 Kearny St; contractor, Adam Arras and Son, 116 New Montgomery St.
SIGN, electric, $985; SW Dolores and Market; owner, S & C Motors, prem; contractor, Brumfield Elec Sign Co, 965 Folsom St.
ALTER flats, $800; 26 15th Avenue; owner, Peter Voikoff, premises.
SIGN, electric, $800; 126 Ellis Street; owner, Geo Robinson, prem; contractor, QRS Neon Co, 690 Potrero Ave.
SIGN, electric, $775; 682 McAllister; owner, Mr Undlin, prem; contractor, Brumfield Elec Sign Co, 965 Folsom St.
ALTER dwelling, $700; 958-960-962 Hampshire; owner, Joe Inferrera, 725 Chestnut St; contractor. Dan Walsh, 658 3rd Ave.
SIGN, electric, $700; 126 Ellis St; owner, Geo Robinson, prem; contractor, QRE Neon Co, 690 Potrero.
ALTER dwelling, $691; 926 Sanchez; owner, L M Meeter, premises.
ALTER flats, $500; 3920 18th Street; owner, E J Ekstrom, premises.
ALTER dwelling, $500; 103 Bosworth St; owner, Mrs Cordes, premises; contractor, Standard Concrete Con Co, 3025 Geary.

BUILDING PERMIT Granted

SAN FRANCISCO

MARCH 1, 1946

ALTER dwelling, $500; 232 Randolph St; owner, Chas I Eastwood.
REPAIR fire damage to dwelling, $800; 284 Richland Ave; owner, L Munsell.
ALTER flats into apts, $12,000; 1688-1698 Green St; owner, A Esmiol.

OAKLAND

ALTER, $7000; 1384 5th St; owner and contractor, Consumers Yeast Company, premises.
ADDN, $800; 3520 Foothill Blvd; owner and builder, Leafy Butler, 3520 Foothill Blvd.
GARAGE, $600; 617 La Prenda Dr; owner and builder, Wm L Hill, premises.
LOADING Shed, $1000; 1328 E 12th St; owner and builder, L R Foss, 1328 East 12th St.
STORE BLDG, 2-story, $14,000; 432-438 Harrison St; owner, G Lee, 2118 12th Ave; contractor, Shale Ortzow, 1511 Jackson St; architect, F H Slocombe, 132 Monte Cresta Ave.
GARAGE, $600; 1200 83rd Avenue; owner and builder, Geo H Pollard, premises.
ADDITION, 2-story concrete, $15,000; 1901 Telegraph Ave; owner, Skaggs & Zimmerman, premises; contractor, Stolte, Inc, Room 726, Bank of America Bldg.
ADDN, $500; 4169 Mtn View Ave; owner and builder, B J Newmarker, premises.
DWELLING, 1-story 5-room, $4500; 4301 Whittie Ave; owner and contractor, Wm Christy, 4300 Fruitvale Ave.
ADDN, $500; 9911 Hesket Rd; owner and builder, Wm F Abel, prem.
REPAIRS, $500; 1462 83rd Avenue; owner and contractor, R F Ewing, 1470 83rd Ave.
DWELLING, 1-story 8-room, $8,000; 3123 Carlsen St; owner, Karl Eikeberg, 3607 Maple Ave; contractor, Wm Maynard, 545 Adams St.
ALTER, $1000; 2154 Rosedale Ave; owner, Mr Rolland, prem; contractor, Clyde M Church, 2271 E 14th Street.
DWELLING, 1-story 5-room, $6750; 2111 109th Ave; owner and builder, Raymond A Magee, 655 Broadmoor Blvd.
DWELLING, 1-story 4-room, $3700; 3254 Sylvan Ave; owner and contractor, E O Morlan, 1764 Leimert.
DWELLING, 1-story 6-room, $6500; 4254 St. Andrews Rd; owner and builder, Victor G Flashman, 2122 Clinton Ave, Alameda; garage, $1-000.
ADDN and Alter, $990; 3515 Emerson St; owner, M A Webb, 3505 Emerson St; contractor, Frank Puccetti, 4121 Lusk St.

BERKELEY

ALTER, $1400; 358 Parnassus; owner, M Langoworthy, prem; contractor, Victor Streeter, 4425 West St. Oakland.
APTS, four 3-room, $11,500; 1527 Fairview; owner, R J Gholar, 1527 Fairview; contractor, Taylor and Gholar, 1525-7 Fairview.
DWELLING, 5-room, $5500; 837 Page St; owner and builder, J M Walker, 1631-D University Ave; architect, Paul Hammarberg, 2 Norwood Ave, Berkeley.
DWELLINGS, two 5-rm, $5500; 2428 6th St, 2436 7th St; owner and builder, J M Walker, 1631-D Universitl Ave; architect, Paul Hammarberg, 2 Norwood Ave, Berkeley.
ALTER, $995; 2316 McGee; owner, Inez Lambert, prem; contractor, Dillon Rfg Co, 5212 San Pablo Ave. Oakland.
ALTER, $540; 2304 Jefferson; owner, Jas E Taylor, Jr, prem; contractor, Dillon Rfg Co, 5212 San Pablo Ave, Oakland.
ALTER, $1500; 2070 University Ave; owner and contractor, H B Williamson, 1632 University Ave.
ALTER, $2493; 2350 Milvia; owner, City of Berkeley, City Hall; contractor, Western Asbestos, 428 Latham Square Bldg, Oakland.
ALTER, $1000; 2937 King; owner, Emma McNeil, prem; contractor, D E McDonald, 631 Buena Vista, Alameda.
ADDN, $950; 2231 Woolsey ;owner and builder, Jessie McKenzie, 2231 Woolsey.
ALTER, $680; 3011 Acton; owner, C M Baxter, prem; contractor, Dillon Rfg Co, 5212 San Pablo Ave, Oakland.

MENLO PARK

RESIDENCES, five, 6-room, and garages, $10,000 each; Lots 12, 13, 14, 15, 16 Blk 5, Stanford Gardens, Olive St; owner and builder, Sunlite Homes, Inc.
STORE bldg, concrete reinf., 38x60, $20,000; Lot 8 Blk A, Paraiso Pk; owner and builder, G A Martin; architect, Arthur D Janssen, Patricia Drive and Austin Avenue, Atherton.
RESIDENCE, 5-room and garage, $........; Lot 4, Windsor Tract; owner, Jack De Bell; contractor, Fjeldheim & Bowman; plans by W B Merryman.
RESIDENCE, six-room and garge, $9,000; Lot 3 Windsor Tract; owner, Jack De Bell; contractor, Fjeldheim & Bowman; plans by W B Merryman.
ADDN bedroom to residence, $1000; Morey Tract; owner and builder, R M Lawson, 535 Morey Drive.
RESIDENCES, six, 6-room and garage, $10,000 each; Lots 9 and 10 Blk 4, Lots 1, 17, 18 and 20 Blk 5, Stanford Gardens; owner and contractor, Sunlite Homes, Inc.
RESIDENCE, 5-room and garage, $7000; 895 Harvard; owner and builder, Fred M Jackson.
ALTER residence, $1500; 626 Cambridge; owner, Mario Testa; contractor, F I Peacock.
RESIDENCE, 7-room, and garage, $12,000; 1304 University Dr; owner and builder, E R Donalds; architect, Arthur D Janssen, Patricia Drive and Austin Ave, Atherton.
STORE Bldg, reinf. conc., $14,400; 75 El Camino Real; owner, C Genasci; contractor, C M Lane, Santa Rita Ave, Los Antos.
ADDN to bldgs, concrete, $130,000; 261 Oak Grove; owner, Corpus Christi Monastery; contractor Barrett & Hilp, 918 Harrison Street, San Francisco; architect, Arnold Constable, Sausalito.
RESIDENCE, six-room, $13,000; Lots 7 and 8 Blk 2, Stanford Gardens; owner and builder, Sunlite Homes.
RESIDENCE, 7-room, $13,000; Lot 9 Blk 2, Stanford Gardens; owner and builder, Sunlite Homes, Inc.
RESIDENCES, three, 6-room and garage, $11,000 each; Lots 19 and 20 Blk 5, Lot 10 Blk 2, Stanford Gardens; owner and builder, Sunlite Homes, Inc.
RESIDENCE, 6-room and garage, $12,000; Lot 22 Block 5, Stanford Gardens; owner and builder, Sunlite Homes, Inc.
RESIDENCE, 6-room, and garage, $14,000; Lot 10 Blk 3, Stanford Gardens; owner and builder, Sunlite Homes, Inc.

SAN BRUNO

CORPORATION YARD, $2500; 1015 San Mateo Ave; owner and builder, Joseph Bettancourt, 422 San Anselmo Ave; plans by Joseph Bettancourt.

PALO ALTO

RECONSTRUCT BUILDING, $35,000; 270 University Ave; owner, Gertrude Gardiner, 533 Ramona St; builder, Lerner Stores Corp, Los Angeles; plans by Karel, Paarde, Kooper, Los Angeles.
SHOP BUILDING (type 3), $15,000; 940 High St; owners, George and L Sellar, 66 Yale Rd; builder, Nichols-White, Inc
BUSINESS BUILDING (type 3), $50,000; 330-350 California Ave; owner, Pine & Co, 1960 Webster St; builder, Nichols-White, Inc, 156 University Ave.
SHOP BUILDING (type 3), $18,000; 127 Lytton Ave; owners, J R and I R Dahl, 329 Alma St; builder, W P Goodenough, 49 Wells Ave; architect, Binge Clark, 310 University Ave.

SOUTH SAN FRANCISCO

ADD ROOM, $1500; 117 Edison Ave; owner, W H Jones, 117 Edison Ave; builder, Coast Building Co, 744 Harrison St, San Francisco.

SAN LEANDRO

SERVICE STATION, $14,000; 550 San Leandro Blvd; owner, Union Oil Co, 425 1st St, San Francisco; builder, Aetna Construction Co, 1730 24th Ave, Oakland.
DWELLING (1-story 5-room), $6500; 1760 Bancroft Ave; owner, S P Lockstrom, 889 Pershing Dr, San Leandro; builder, Ferd Lockstrom, 889 Pershing Dr, San Leandro.
STORE (1-story 2-room), $2500; 456 Davis St; owner and builder, J M Alcalde, 61 Castro St, San Leandro.

Plumbing Permits

OAKLAND

2425 Fruitvale; owner, Mrs Hughes; dealer, F Vogel; gas fixture.
5867 Fremont; owner, A Costa; dealer, J Tancready; 6 fixtures; 20 water; 1 gas.
5216 Genoa; owner, Anderson; dealer, Paddy Bruno; 4 fixtures; 7 water.
520 12th St; owner, Lerner Dress Shop; dealer, W H Picard; 2 fixtures.
1204 53rd Ave; owner, J Savino; dealer, E J Hoerst; 1 fixture; 2 water.
1535 E 38th St; owner, Neilson; dealer, Oscar L Zeis; 3 fixtures; 3 water.
1501 50th Ave; owner, A Nilsson; dealer. Walt Rohde; 2 fixtures; 1 water.
950 Bay View; owner, ...; dealer, H Lee; 2 gas.
1715 Broadway; F H White; dealer, M Finzel; 22 fixtures; 30 water.
1227 76th Ave; owner, Pulliam-Whiteside; owner, M Finzel; 5 fixtures; 9 water; 3 gas.
1233 76th Ave; owner, Pulliam-Whiteside; dealer, M Finzel; 5 fixtures; 9 water; 3 gas.
9319 D St; owner, Pulliam-Whiteside; dealer, M Finzel; 5 fixtures; 9 water; 3 gas.
9325 D St; owner, Pulliam-Whiteside; dealer, M Finzel; 5 fixtures; 9 water; 3 gas.
9331 D St; owner, Pulliam-Whiteside; dealer, M Finzel; 5 fixtures; 9 water; 3 gas.
1062 81st Ave; owner, Pulliam-Whiteside; dealer, M Finzel; 5 fixtures; 9 water; 3 gas.
1073 76th Ave; owner, Pulliam-Whiteside; dealer, M Finzel; 5 fixtures; 9 water; 3 gas.
2730-32 Park Blvd; owner, Phil Heraty; dealer, J A Fazio; 16 fixtures; 22 water; 6 gas.
2734-36 Park Blvd; owner, Phil Heraty; dealer, J A Fazio; 16 fixtures; 22 water; 6 gas.
5301 College; owner, Gilbert Furniture Co; dealer, L J Kruse; 4 fixtures; 4 water.

Furnace Permits

OAKLAND

1173 19th St; owner, Separan; dealer, Aavaks Heating & Vent Co; floor furnace.
5119 Desmond; owner, Boatesoni; dealer, Aavaks Heating & Vent Co; floor furnace.
4339 Steele St; owner, Carlson; dealer, Finzel; floor furnace.
4321 Steele St; owner, Carlson; dealer, Finzel; floor furnace.
3601 Ardley Ave; owner, Verges; dealer, Jackson's Furniture Co; floor furnace.

Completion Notices

SAN FRANCISCO

Recorded Accepted
Feb 21, 1946—W SHOTWELL 70 N 34rd St N 40 x W 122-6. Jennie Changelo to Jack Callaghan.........February 21, 1946
........., 1946—2200 LANE. Frank Many to David Burton........March 4, 1946
Feb 25, 1946—3238 21st. Richard and Helen Schneider to Boyd C Lindsay..........February 25, 1946

ALAMEDA COUNTY

Recorded Accepted
March 2, 1946—1544 NINTH ST, Alameda. Howard O and Millicent L Wood to whom it may concern..........February 28, 1946
March 2, 1946—1917 HARVARD Dr Alameda. John F Ward to whom it may concern......February 15, 1946

MARIN COUNTY

Recorded Accepted
Mar. 1, 1946—Sycamore Village, Mill Valley. Marin Capital Co to Goheen Construction Co (3 houses)..........Feb. 28, 1946
Feb. 28, 1946—San Rafael. W F Barck and J W Smart to same..........Feb. 27, 1946

CONTRA COSTA COUNTY

Recorded Accepted
Feb. 18, 1946—Ptn Lot 23, Contra Costa Land Co Subdivision No 2 of the Larkey Ranch near Walnut Creek. Jesse Miller to Elmer Miller..........Feb. 14, 1946
Feb 18, 1946—Ptn Lot 64, R N Burgess Co's Map No 2, Walnut Lands near Concord. George W Vochatzer to George Zuckerman..........Feb. 11, 1946
Feb. 18, 1946—San Felipe Grant, a tract of land 75 ft x 144 ft bounded north by land of Pace, east by land of Nordstrom, south by land of Hatherly and west by land of Warren, near Lafayette. Edward Pace to Gred Gates........Feb. 9, 1946
Feb. 19, 1946—Lot 22, Block 4, Map No 1, Lafayette Homesites, Lafayette. William L Roberts to whom it may concern....Feb. 19, 1946
Feb. 19, 1946—Lots 1 and 2, Block 13, Spaulding Richmond Pullman Townsite, Richmond. John D Trull to Joseph J Smith..........Feb. 18, 1946
Feb. 20, 1946—Ptn Lot 221, Santa Rita Acres, Unit No 4, near Richmond. Claude St Martin to whom it may concern..........Feb. 15, 1946
Feb. 21, 1946—South ½ Lot 2, Block 39; north ½ Lot 3, Block 39; south ½ Lot 3, Block 39, all in Boulevard Gardens, El Cerrito. Scott W Bonds to self..Feb 19, 1946
Feb. 21, 1946—Lot 66, Hidden Valley Estates. Unit No 2, near Lafayette. Ralph V Wright to E McDaniels..........Feb. 18, 1946
Feb. 21, 1946—Lot 1, Block 1, Boulevard Gardens, El Cerrito. F W House to Wm Spivock..Feb. 18, 1946
Feb. 23, 1946—South ½ Lot 14, Block 10; north ½ Lot 14, Block 10, all in Boulevard Gardens, El Cerrito. Earl W Smith to self....Feb. 21, 1946
Feb. 25, 1946—Lot 7, Valente Park, Unit No 1, near Lafayette. Idar Gogstad to W Vernon Bernard..........Feb. 20, 1946
Feb. 25, 1946—Lots 213, 214 and 215, Vira Vista Highlands, El Cerrito. Herbert Green to whom it may concern..........Feb. 23, 1946
Feb. 25, 1946—Lot 290, Haciendas Del Orinda, Unit No 2, Orinda. August J Pene to J P Owens..........Feb. 17, 1946
Feb. 26, 1946—Lot 5, Arlington Estates, El Cerrito. Clyde C Slusser to Hugo Muller Jr......Feb. 20, 1946
Feb. 26, 1946—South 50 ft Lot 7, Block 10, Boulevard Gardens, El Cerrito. Arthur W Perrott to R Perrott..........Feb. 25, 1946
Mar. 2, 1946—Lots 15, 16, 17 and 18, Block 3, Key Tract, Richmond. Carl D Jones to Clarence Andrews..........Feb. 25, 1946

Non-Responsibility

SAN FRANCISCO

March 1, 1946—464-468 PINE ST. Kathleen B Pringle and The Bank of California trs Est Edith L Bull, decd, as to improvements on property.

CONTRA COSTA COUNTY

Feb. 19, 1946—A ptn of Rancho Canada del Hambre y Las Bolsas, northern part, near Port Costa. California Water Service Co as to improvements on property.

Liens Filed

ALAMEDA COUNTY

Recorded Amount
March 2, 1946—LOTS 9 and 10 Blk 2, Amd map Butler Tract, Oakland. J C Banks vs Gordon F Cane and Pacific National Bank of San Francisco..........$195.00

CONTRA COSTA COUNTY

Recorded Amount
Feb. 21, 1946—Lots 18 and 19, Block 228, Wells Second Addition to Richmond. Associated Builders vs Curtis A Wiley, et al..........$636.18
Feb. 21, 1946—Lots 13 and 14, Block 229, Walls Second Addition to Richmond. Associated Builders vs Lawrence Strickland, et al....$264.88
Feb. 21, 1946—Lot 12, Block 32, Spaulding Richmond Tract, Richmond. Associated Builders vs Nick Holis..........$2,934.78
March 1, 1946—Lots 1 and 2, Block 13, Spaulding Richmond Pullman Townsite, Richmond. Archie Thorne vs John Trull..........$364.95

Electrical Permits

SAN FRANCISCO

9302 4947 3rd St; owner, Peterson Furniture; contractor, Eureka Electric; 12 plugs; service.
9303 3815 Market; owner, Lonne; contractor, J K Herzog Electric; ....
9304 500 Bayshore; owner, Weinert; contractor, Star Electric; service; motors.
9305 319 Nevada; owner, Schenke; contractor, Star Electric; 7 outlets; 2 switches; 4 plugs; service.
9306 3814-16 Fulton; owner, ...; contractor, B J Doherty; ....
9307 253 Leavenworth; owner, Triangle Studio; contractor, Byington Electric; ....
9308 40 Brompton; owner, A Draga; contractor, Manning & Whitaker; 19 outlets; 16 switches; 27 fixtures; service.
9309 750 Market; owner, Phelan Estate; contractor, Manning & Whitaker; alterations
9310 291 Geary; owner, St Paul Bldg; contractor, Manning & Whitaker; 11 outlets; 5 switches; 13 plugs; motors.
9311 612 Clement; owner, Thomas; contractor, Retter Electric; alterations
9312 565 Pacific Ave; owner, Zevas; contractor, Retter Electric; alterations.
9313 201 Jones; owner, ...; contractor, Retter Electric; alterations.
9314 609 Market; owner, J Rusheian; contractor, Retter Electric Co; alterations.
9315 257 Page St; owner, Baudini; contractor, Mercury Electric; 2 outlets; 4 switches; 12 plugs.
9316 1812 Post St; owner, Cobb; contractor, Casey Electric; 2 plugs.
9317 320 Moncada; owner, Baldwinson; contractor, Strom & Smith; ....
9318 SW corner Sickles and Cayuga; owner, Baldwinson; contractor, Strom & Smith; ....
9319 142 Victoria; owner, Baldwinson; contractor, Strom & Smith; 10 outlets; 10 switches; 11 plugs.
9320 146 Victoria; owner, Baldwinson; contractor, Strom & Smith; 10 outlets; 10 switches; 11 plugs.
9321-24 Various locations and owners; contractor, Wonderlite Neon; signs.
9325 2133 Taraval; owner, Roche Hurdwin; contractor, F J Klimm Co; ....
9326 W 45th Ave 100 S Ortega; owner, Superior Building Co; contractor. Adams Electric; ....
9327-28 1871-67 43rd Ave; owner, Superior Building Co; contractor, Adams Electric Co; 10 outlets; 10 switches; 15 plugs; service.
9329 1380 Bush St; owner, Brooke Manufacturing Division; contractor, Kuchel-Sievers; motors
9330 2334 Post; owner, C L Saylor; contractor, Old San Francisco Electric; 3 outlets; 1 switch.
9331 3376 Sacramento; owner Rash; contractor, Grandi Electric; ....
9332 2099 Bryant; owner, Janigan; contractor, Associated Elect & Mech; ....
9333 701 Mangels; owner, Dall; contractor, Eureka Electric; 4 outlets; 3 switches; 10 plugs.
9334 2924 21st Ave; owner, Herzig; contractor, Atlas Electric; motors
9335 3845 Mission; owner, Weber; contractor, Eureka Electric; 7 outlets; 2 switches; 4 plugs.
9336 432 Lawton; owner, Horstmeyer; contractor, Mohrdick Electric; ....
9337 2466 Chestnut; owner, Johnson; contractor, Mohrdick Electric; ....
9338 2355 Market; owner, Kresteller; contractor, Mohrdick Electric; ....
9339 1520 Evans; owner, Levitan Hyde Co; contractor, Geo F Brayer; service; motors.
9340 1935 Evans; owner, Levitan Hyde Co; contractor, Geo F Brayer; service; motors
9341 SE corner Fremont and Mission; owner, Walton H Moore; contractor, Geo F Brayer; service; motors.
9342 153 Kearny (Room 307); owner, California Pvs Service; contractor Dowd-Seid Electric; alterations
9343 85 2nd St; owner, Pacific Tel & Tel Co; contractor, Ray Oil Burner Co; ....
9344 316 Mission; owner, Reid Bros, Ltd; contractor, Ray Oil Burner Co; motors.
9345-47 Various locations and owners; contractor, Brumfield Electric Sign Co; signs.
9348 717 Market St; owner, Morris Plan; contractor, Victor Lemoge; 10 outlets; 12 switches; alterations
9349 620 4th St; owner, California Mirror Beveling Co; contractor, Malm & Welter; ....
9350 136, 138, 140A, 142, 142A, 144 7th St; owner, ...; contractor, Century Electric; 25 plugs.
9351 675-77 Market; owner, Monadnock Bldg; contractor, Century Electric; alterations.
9352 907 Irving; owner, Shumate; contractor, Century Electric; alterations.
9353 684 3rd St; owner, Williamson Estate; contractor, Williamson Estate; ....
9354 812 Mission; owner, San Francisco News; contractor, Buzzell Electric; 16 outlets.
9355 114 14th St; owner, C W Thomas; contractor, Buzzell Electric Works; motors.
9356-75 2000-06-10-14-18-22-26-30-34-38-42-46-50-54-58-62-66-70-74-78 33rd Ave; owner, Doelger; contractor, Richmond Electric; 10 outlets; 10 switches; 10 plugs; service.
9376 2268 Chestnut St; owner, Lani; contractor, Luna Service Co; sign.

BERKELEY

65701 31 Menlo Place; owner, A McKelligan; contractor, Atlas Heating; 1 motor.
65702 1421 California; owner, ...; contractor, Atlas Heating; 1 motor.
65703 2546 Telegraph Ave; owner, Standard Oil Co; contractor, Electrical Products Corp; 1 sign; 2 transformers.
65704 2436 Tenth St; owner and contractor, S G Bergvall; 5 outlets; 5 switches; 5 fixtures.

OAKLAND

35885 16046 Broadway Terrace; owner, Mr Nelson; contractor, Preston A Jones; outlets; switches; fixtures; plugs.
35886 201 Washington St; owner, B F Bill; contractor, South Berkeley Electric; 1 outlet; 1 switch; 1 fixtures; 1 plug.
35887 667 Chetwood; owner, Peterson; contractor, South Berkeley Electric; 2 outlets; 2 switches; fixtures; 3 plugs.
35888 10401 E 14th St; owner, Andy Duncan; contractor, R F Long; 4 outlets; 4 fixtures; 5 plugs.
35889 1302 91st Ave; owner, John Mello; contractor, R F Long; alterations.
35890 2032 Broadway; owner, Rad Rex Stores; contractor, Electrical Products Corp; sign.
35891 NE corner Broadway and 15th St; owner, Roos Bros; contractor, Electrical Products Corp; sign.
35892 4037 Piedmont Ave; owner, Long's Stores; contractor, Electrical Products Corp; sign.
35893 1601 Broadway; owner, Dr E J Lazarus; contractor, Electrical Products Corp; sign.
35894 2629 Wallace; owner, P H Wilson; contractor, special owner; 12 outlets; 11 switches; 12 fixtures; 7 plugs.
35895 2516 Chestnut; owner, Golden State Co; contractor, California Electric; service.
35896 4525 San Leandro Blvd; owner, American Bitumuls; contractor, California Electric; motors; alterations.
35897 4599 Grove St; owner, Jeffry; contractor, California Electric; 8 outlets; 4 switches; 8 fixtures; 4 plugs.
35898 3600 Telegraph; owner, William Dairy; contractor, Fluoro Electric; 7 fixtures.
35899 2020 MacArthur Blvd; owner, H L Risdon; contractor, Marelco, Inc; service.
35900 1537 Fruitvale; owner, Anderson; contractor, Collins Electric; outlets; switches; fixtures; plugs; alterations.
35901 6649 Foothill; owner, Johnson; contractor, Collins Electric Co; outlets; switches; fixtures; plugs; alterations.
35902 5752 Foothill; owner, Helmkamp; contractor, Collins Electric; outlets; switches; fixtures; plugs; alterations.
35903 676 8th St; owner, Crate Right; contractor, Collins Electric; outlets; switches; fixtures; plugs; alterations.
35904 4250 Laguna; owner, O W Johnson; contractor, Paramount Elec Co; fixtures; alterations.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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42— MISC. SUPPLIES AND MATERIALS

3/5/46 •• 42
BIDS WANTED
SAN FRANCISCO—Until March 15, 3 P. M., bids will be received by the purchaser of supplies, 270 City Hall, under Bid No. 3503 for furnishing and delivering 100 sides green Spanish transit leather for Municipal Railway.

Specifications obtainable from the above office.

3/5/46 • 42
BIDS WANTED
OAKLAND, Alameda Co., Calif.—As previously reported, until March 13, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Room 406, 512 16th St., Oakland, under Pro. LS-350 for furnishing cast iron pipe and fittings for Orinda filter plant.

Bids will be taken as follows:

Schedule I—Cast Iron Pipe
(1) 24 length 20-in. class B flange and flange pipe, 8-ft. 6 5/16-in. long;
(2) 12 lengths 18-in. class B flange and flange pipe, 6-ft. 9¼-in. long;
(3) 12 length 18-in. class B flange and spigot pipe, 2-ft. 5⅝-in. long;
(4) 12 length 8-in. class B flange and spigot pipe, 13-in. long.
Schedule II—Cast Iron Pipe Fittings
(1) 12 20-in. 90-degree long radius flanged elbows;
(2) 24 20-in. 90-degree standard flanged elbows;
(3) 12 special 20x20x20x18-in. flanged crosses;
(4) 24 28x20-in. eccentric reducers, spigot large end, flanged small end;
(5) 12 18-in. flanged base tees;
(6) 12 18-in. 90-degree flanged elbows;
(7) 12 18-in. standard 90-degree bell and spigot elbows;
(8) 12 18x8-in. special reducing flanges;
(9) 12 8-in. 90-degree flanged elmows;
(10) 12 8-in. companion flanges;
(11) 24 special cast iron bell and spigot nipples, 18-in. long;
(12) 1 30-in. cast iron sleeve;
(13) 1 30x30x24-in. all bell tee.
Schedule III—Cast Iron Adaptors and Manifolds
(1) 144 adaptors for collector pipes, 5-ft long;
(2) 144 manifolds for collectors pipes, 5-ft. long.

3/5/46 • 42
BIDS WANTED
FORT PECK, Mont.—Until March 19, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver 2, Colo., under Inv. 18,681-A for electrical equipment ,f.o.b. shipping point and/or Wolf Point, Mont.; Williston, N. D.; Watford City, N. D.; Killdeer, N. D., and Hazen, N. D.

Specifications obtainable from the above office.

3/5/46 42
BIDS WANTED
DENVER, Colo.—Until March 21, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver 2, Colo., under Inv. C-22,348-A for furnishing western red cedar, southern yellow pine lodgepole pin or Douglas fir poles, f.o.b. shipping point and/or Medicine Bow or Sinclair, Wyo.

3/5/46 • 42
NOTICE OF SALE
SAN FRANCISCO.—Until March 15, 10 A. M., bids will be received by the Navy Redistribution and Disposal Office, 785 Market St., San Francisco, under Sales No. B-310-46 for sale of batteries, scrap bronze, salvable valves, etc., located at Naval Landing Force Equipment Depot, Albany.

3/5/46 • 42
BIDS WANTED
MOUNTAIN HOME, Idaho.—Until March 20, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver 2, Colo., under Inv. 22,669-A-1 for type B reinforcement bars for concrete, grade 2, f.o.b. shipping point and/or Mountain Home, Idaho.

Specifications obtainable from the above office.

3/5/46 • 42
BIDS WANTED
SOCORRO, N. M.—Until March 21, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver, Colo., under Spec. C-8587-A for electrical equipment for Elephant Butte-Socorro transmission line, f.o.b. shipping point and/or Socorro, N. M.

Specifications obtainable from the above office.

3/5/46 • 42
BIDS WANTED
STERLING, Colo.—Until March 21, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Inv. F-46,156-A for furnishing electrical equipment for the Brush-Sterling-Holyoke transmission line, f.o.b. shipping point and/or Sterling, Colo.

Specifications obtainable from the above office.

3/5/46 • 42
COMPLETE BIDS
CENTRAL VALLEY PROJECT, California—The Bureau of Reclamation, Custom House, Denver, Colo., received bids February 28 for the furnishing and delivering f.o.b. cars at Coram and Redding, Calif., or f.o.b. cars at shipping point, at the option of the bidder, fabricated structural steel for the 230-kva. switchyard, Shasta power plant, and 230-kva. switchyard and 230-kv. transformer circuits, Keswick power plant, Kennett Division, Central Valley Project, Calif.: Specification 1160. The structures will be erected by the government.

The bids were:

Charles Shuler Manufacturing Co., Newark, Ohio, (1) $750, (2) $43,125, (3) $450, (4) $19,125, (5) $2700; total, $66,150, f.o.b. Newark, Ohio.

Bethlehem Pacific Coast Steel Corp., San Francisco, (1) $850, (2) $42,320, (3) $510, (4) $22,822.50, (5) $6740.50; total, $73,257.90, f.o.b. San Francisco.

American Bridge Co., Denver, Colo., f.o.b. Pittsburgh, (1) $970, (2) $48,300, (3) $582, (4) $24,225, (5) $3096; total, $77,173, f.o.b. Pittsburgh.

Kaiser Co., Inc., Richmond, Calif., (1) $876, (2) $50,370, (3) $525, (4) $22,338, (5) $3153.60; total, $77,263.20, f.o.b. Richmond.

Nashville Bridge Co., Nashville, Tenn., (1) $1000, (2) $54,625, (3) $600, (4) $25,500, (5) $3240; total, $84,965, f.o.b. Besemer, Ala.

Lehigh Structural Steel Co., New York, (1) $1058, (2) $60,825, (3) $6034, (4) $26,979, (5) $2541.60; total, $92,048.40, f.o.b. Allentown, Pa.

Emsco Derrick & Equipment Co., Los Angeles, (1) $1115, (2) $64,112.50, (3) $669, (4) $28,432.50; total, $89,631, f.o.b. Los Angeles.

Monarch Iron Works, San Francisco, (1) $1090, (2) $69,000, (3) $900, (4) $30,600, (5) $4320; total, $106,320, f.o.b. San Francisco.

43— MACHINERY AND EQUIPMENT

3/5/46 • 43
NOTICE OF SALE
SACRAMENTO, Calif.—Until Mar. 11, 3 P. M., bids will be received by the State Division of Highways, R. H. Stalnaker, equipment engineer, 1805 34th St., Sacramento, for sale of the following equipment:

CHC 6131 truck, FWD, 3-yd. steel dump body and hydraulic hoist; 1936 Model S. S. D. OPA ceiling $2686.44.

CHC 887 tractor, Allis - Chalmers diesel, Model H.D.7. Electric lights; OPA ceiling, $2813.30.

CHC 187 with bulldozer, trailbuilder, 12-ft. blade, single drum, cable operated; OPA ceiling $663.

CHC 9 oil-heater, portable, type 15-h.p., locomotive boiler, 5¼x3½x15-in. duplex steam pump, fuel 8 water tank, all on four-wheel RT trailer; OPA ceiling, $793.18.

CHC 19 harrow, two-gang 6-ft. 9-in. width cultivator, 18-24-in. discs w/ scrapers, bar attached for right or left - hand turning; OPA ceiling, $182.09.

CHC 12 harrow - cultivator, 6-ft. Dyrr Jr. Model L.M. with 15-⅞-in. spring teeth; OPA ceiling, $68.37.

CHC 384 drill for rock, Chicago Pneumatic CP No. 32, jackhammer type, dry; OPA ceiling, $108.73.

CHC 443 kettle, asphalt, Littleford heavy duty, 75-gallon capacity, torch type burner, 20-gallon fuel tank, 2-wheel pneumatic tires; OPA ceiling, $155.38.

Compressor, Rix, single-stage upright, size 6x6-in. with belt tightener; OPA ceiling, $200.

Vises, two 4½-in. and 5½-in. jaw, machinist type; OPA ceiling, $30.

12 engine blocks, 10 with crankshafts, for Ford, Chevrolet, Plymouth and Pontiac automobiles; also various other parts for each.

3/5/46 • 43
BIDS WANTED
CENTRAL VALLEY PROJECT.—Until April 24, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Denver, Colo., under Spec. 1220, for furnishing and installing three drum gates for the spillway at Shasta Dam, Kennett Division, Central Valley Project. The Shasta Dam is situated on the Sacramento River near Redding.

The drum gates will be installed between piers in the spillway section of Shasta Dam and when installed will be structural-steel buoyant vessels forming modified sectors of cylinders having an approximate radius of 26 feet and an axial length of 110 feet. Each gate will be pivoted along its axis on castings anchored in the crest of the spillway.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, Chief Engineer, U. S. Customhouse, Denver 2, Colo.; R. L. Boke, Regional Director, Old Post Office Bldg., 7th and K Sts., Sacramento 14, Calif.; I. C. Harris, Acting Construction Engineer, Redding, Calif., and Michael W. Straus, Commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the Acting Construction Engineer.

No charge to prospective bidders for copies of the specifications and drawings; to others, $2.00 per copy, not returnable.

3/5/46 • • 43
BIDS WANTED
CENTRAL VALLEY PROJECT.—Until April 9, 2 P M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1223 for furnishing and delivering fob cars at the shipping point or fob cars at Coram, Calif., at the option of the bidder, three 15x19.05-ft. coaster gates for installation at the intakes of three of the penstocks at Shasta Dam, Kennett Division, Central Valley Project. The rubber sealing strips for the gate seals will be furnished and installed by the Government. The coaster gates will be installed by the Government.

No charge for copies of the specifications to prospective bona fide bidders; to others, $1.25, not returnable.

3/5/46 • 43
BIDS WANTED
RIO VISTA, Solano Co., Calif.—Until March 14, 7:30 P. M., bids will be received by the Rio Vista Joint Union High School District, Mrs. D. C. McCormack, Clerk, Rio Vista, for one Crown super coach model A-477-10, 73 - high school passenger school bus equipped with Model 135 Hall-Scott engine.

3/5/46 • 43
BIDS WANTED
BOULDER CANYON PROJECT, Arizona - California - Nevada. — Until March 20, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1224 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Boulder City, Nev., three permanent 180-r.p.m. runners with stationary filler rings and one set spare stationary wearing rings for 115,000 h.p. 150/180 r.p.m. turbines, units A-5, A-6 and A-7, Boulder power plant, Boulder Canyon Project, Arizona-California-Nevada, and such supporting tests and equipment as may be required to insure the production of power at 60 cycles, in accordance with a predetermined schedule. The apparatus will be installed by the government. No charge for copies of the specifications to prospective bona fide bidders; to others, $1, not returnable.

3/5/46 • 43
BIDS WANTED
BERKELEY, Alameda Co., Calif.—Until March 20, 8 P. M., bids will be received by the Berkeley Board of Education, John L. Poulsen, Assistant Secretary, Admin. Bldg., 1414 Walnut St., Berkeley, for furnishing and installing dishwashing equipment at the Berkeley High School, Kittredge Street bet. Grove and Milvia Sts., Berkeley; Garfield Junior High School, Rose and Grant Sts., Berkeley and Longfellow School, California and Derby Sts.

Specifications obtainable from the above office.

Official Proposal

Construction of New Road Across Berkeley Campus of U. of C.

ADVERTISEMENT FOR BIDS

Subject to conditions prescribed by the undersigned, sealed bids are invited for construction of new road between Piedmont Avenue and La Loma Avenue and Hearst Street across the Berkeley campus of the University of California. A deposit of $10.00 is required for plans and specifications. No bids received after 2:00 P. M., Monday, March 11, 1946. For plans and information, call at, or address the Cashier's Office, 103 Administration Building, University of California, Berkeley 4, California. The right to reject any and all bids is reserved.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
(Daily Pacific Builder)
(February 26, March 1, 5, 1946)

Classified Advertising

POSITION WANTED

EXPERIENCED SPECIFICATION TYPIST desires temporary work. Write or wire Lillian Price, 1277 Spruce St., Berkeley.
2/27-28, 3/1-4-5/46

POSITION WANTED

ESTIMATOR, not just a dope with a pencil, but a MAN WITH EXPERIENCE IN EVERYTHING A GENERAL CONTRACTOR CAN BUILD. I base my estimates on thorough, accurate, takeoff and conservative pricing; and SUBS who know and trust me. Am financially independent, therefore do not have to take chances with your money to hold job. Work for ETHICAL FIRM only. Always commanded top salary. HAVE AND CAN MANAGE MULTI-MILLION PROJECTS, or run your firm. Educated, cultured and traveled. Can meet top level people on equal terms. Expect salary compatible with work and responsibility. Have general contractor's license. Reply Box 228, c/o Daily Pacific Builder. to Mar. 6, '46

HELP WANTED

EXPERIENCED ENGINEER. Municipal experience preferred. Salary $300 per month. Apply at Personnel Department, Room 215, City Hall, City of Stockton, Stockton, California.
2/26-27-28, 3/1-4/46

QUANTITY SURVEY MAN for General Bldg. Construction. Must have initiative and good background. Permanent position. Salary open. A. Farnell Blair Co., Inc., 9 Main St., San Francisco. Phone YU. 0390.

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Fifty-sixth Year—Vol. 56—No. 45 SAN FRANCISCO, WEDNESDAY, MARCH 6, 1946 PRICE 15 CENTS PER COPY

PLANS and Speculations

Butano Park: The state division of beaches and parks has appointed John Hennessey, formerly with the purchase department of the city of Los Angeles, to the job of facilitating negotiations for the purchase of Butano Forest in San Mateo county as a state park. The land will be acquired under two appropriation bills, totaling $15,000,000, passed by the legislature.

oOo

Redwood City: San Mateo county officials ar econtemplating a multi-million dollar highway expansion program which is being discussed with city and state officials.

oOo

Oakland: Approval of the DeLeuw, Cather & Co. recommendation as to the "most feasible solution to congested traffic conditions over the 12th Street Dam" was postponed indefinitely by the City Council last week at the conclusion of a 2½-hour public hearing. By a 7-to-1 vote, the council referred to the "committee of the whole" a resolution approving the plan, "subject to such refinements in engineering details as may be necessary."

oOo

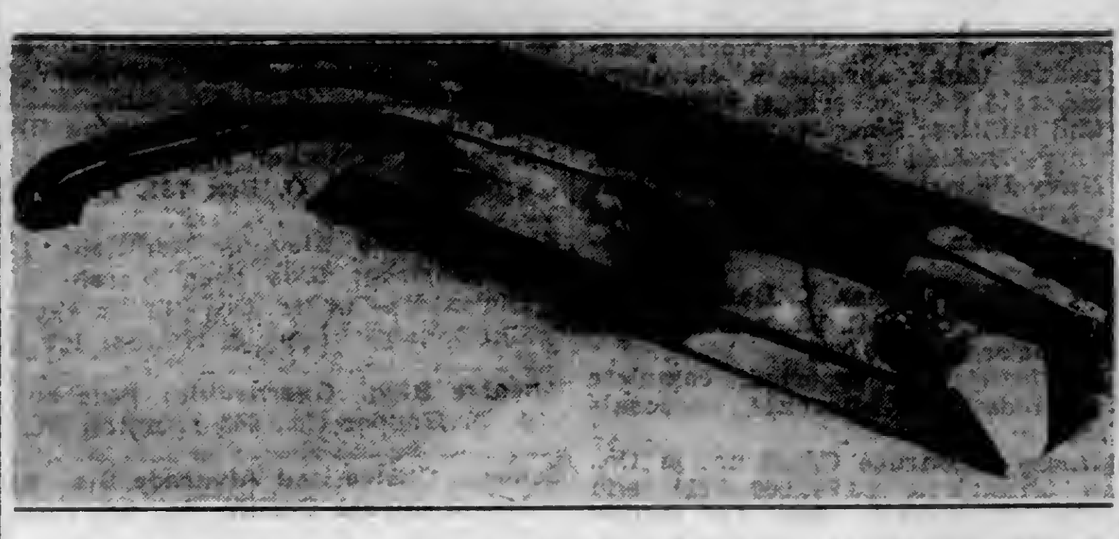
Santa Clara County: Recommendations for a primary sewage treatment plant for the district that includes San Jose, Santa Clara and Campbell will be submitted to the Santa Clara County Board of Supervisors at a meeting early this summer, according to Dean George L. Sullivan of the University of Santa Clara engineering school, in his report on the county-wide sewage disposal survey he has made in collaboration with Prof. Charles Gilman Hyde of the University of California. This would consist of a clarifier for sludge digestion and thousand-acre oxidization ponds in the tidelands at the southern end of San Francisco bay.

oOo

St. Helena: A bond issue to finance partial reconstruction of the Saint Helena grammar and high school buildings to render them safe from earthquake damage has been proposed to the school board of trustees by D. C. Willitt, supervising structural engineer of the State Division of Architecture.

oOo

For Better Building - - Streamlined Plumbing For Modern Home



In announcing the "Commodore" ledge-type swingpout faucet, illustrated above, the General Tire and Rubber company of California, in Pasadena, is "setting the pace" in design for kitchen and future plumbing fixtures.

New war-proven methods of production, adaptable to postwar plumbing fittings, serve to offer to the public new graceful sweeping lines in keeping with the latest home designs and interiors.

The "Commodore", the first in a line of plumbing fixtures to be manufactured by this company, boasts many unique features of interest to the home owner and prospective owner. Emphasis has been placed on the ease of cleaning, maximum coverage and working clearance in these units, yet offering modern functional design for smart eye appeal and lasting service.

New methods of fabricating these units insure contractors and owners of a production supply equal to the demand at a minimum cost.

Trevor Gardner, vice - president and general manager, stated that General Tire plans to supplement its commercial activities with additional items in the plumbing fixture line and by manufacturing other products which are now under development.

Architects Will Meet Tonight

The motion picture, "Heat and It's Control", produced by Johns-Manville Corp., will be shown tonight before members of the San Francisco Architectural club following the regular business meeting and dinner. L. C. Hillut and Deacon Jones, of the Johns-Manville Corp., will conduct the program which will be held at 8 p. m. in the Builders' Exchange, 666 Mission Street.

Members will assemble in club headquarters at 6 p. m. and leave in a group for dinner.

The Class Committee will outline the proposed educational program, which will be submitted to the membership for approval.

Persons connected with the building industry are invited to attend, and members are urged to bring guests.

War Assets Corp. Opens New Sales Display Room Today

Formal opening of the War Assets corporation surplus property sales display room at 460 Market street, San Francisco, is announced today.

"This display room will feature the capital-producer goods items which are to be offered for sale through the War Assets corporation San Francisco regional office," Floyd S. Leaver, deputy regional director, states, "and startting today this display will be officially open Monday through Friday each week."

Included in the items displayed are electric generator sets, some machine tools, wire, cable, rope and wire rope, electric fittings including switches, terminals and junction boxes.

"Though actual sales are not concluded out of the display stock, the samples fairly represent items available for immediate delivery from warehouse stocks in the San Francisco area," Leaver declares, "and purchasers may arrange for detailed inspection, complete buying arrangements and obtain detailed or general information from the trained staff of the display room."

#

H. M. Tayler Dead; Stricken In Office With Heart Attack

Howard Mathew Tayler, 59, president of Tayler & Spotswood company, distributors of iron and steel products in this city, died Monday in his office when stricken with a heart attack.

Funeral services will be held at 2 p. m. today from N. Gray and Co. parlors, Divisadero at Post Streets. Burial will be in Mountain View Cemetery, Oakland.

Mr. Tayler, a native of San Francisco, was a member of the Olympic Club, San Francisco Rotary Club, the OPA advisory board representing steel jobbers on the Pacific Coast, and was a past master of San Mateo Lodge 226, Free and Accepted Masons.

He is survived by his widow, two brothers and a sister. The family home is at 531 St. Francis boulevard.

Use "Builderads"— They Bring Results

Taxpayers' Law Suit Blockades City Improvement Plan

The city of San Francisco is being blocked from over eight million dollars of public improvements, according to a report given the San Francisco Chamber of Commere today.

The report made by Frank S. Hanlon, chairman of the San Francisco Municipal Conference, took the form of a statement commenting on a taxpayers' suit which has been filed against the city.

"Some $8,246,000 allocated to San Francisco for its public improvement program is being bottlenecked," Hanlon declared.

Bottleneck, he said, is the taxpayers' suit against the city which would prevent payment for preparation of plans and specifications for a proposed sewage treatment plant.

To break this bottleneck, Hanlon said, Clyde C. Kennedy, with whom the Public Works Director entered into a contract to provide plans and specifications for the North Point Sewage Treatment Plant, has applied to the Supreme Court for a writ of mandate to compel City Controller Harry D. Ross to make the first payment under his contract.

This proceeding has been instituted by attorneys John L. McNab and Walter E. Hettman.

The San Francisco Municipal Conference has obtained permission for its attorneys, Allen G. Wright and Sylvester J. McAtee, to file a brief as friend of the court in support of Kennedy's petition.

In addition to the North Point Sludge Treatment Plant which involves $3,000,000, other public projects for which funds have been allocated and which await the decision of the court to determine their future progress are:

Juvenile Detention Home, costing $1,250,000, for which bonds have been voted by the people; Sunset Junior High School, costing $975,000; Richmond - Sunset Treatment Plant Extension, costing $600,000; San Francisco Junior College Hot House Buildings, costing $46,000; New Mission Police Station, costing $75,000; and for geologist consultation required in connection with tunnels in the Lake Merced District Sewer System, a project estimated to cost $3,400,000.

Commenting on the issues involved in the taxpayers' suit, Hanlon said, "The questions submitted for decision demand prompt answer if the best interests of San Francisco are to be served. Otherwise, San Francisco will be brought to a standstill in the very inception of a program of public improvements long postponed due to war restrictions and now urgently required to meet demands."

Members of the Municipal Conference participating in the suit are the San Francisco Chamber of Commerce, Downtown Association of San Francisco, San Francisco Real Estate Board, Apartment House Association of San Francisco, Inc., Building Owners and Managers Association, and the California Northern Hotel Association.

GROOVER AND I

A LONELY MAN

Earl Browder was born in Wichita, Kan. Among the high points of his eventful life was a term in the gow for opposing the draft law during the first World War. He joined the Commies and has been quite active in the affairs of the Communist Party, becoming Secretary of the Party in 1929. In the eyes of the Supreme Court, the objectives of the Commies are not in keeping with the ideas of the Founding Fathers of this Republic.

★ ★ ★

When things were going tough for Russia in May 1943, the Comintern went underground. The reason was quite obvious—both political and lend-lease!

★ ★ ★

Recently, the boys have been dusting off their world-wide revolution idea. However, to make it look good, a sacrificial goat was necessary and what was more fitting than to nominate a native-born American?

★ ★ ★

Just recently, Browder was quoted as saying: "After fifteen years as party spokesman, I was faced with the necessity, rather suddenly and unexpectedly, to find private employment in order to support my family. But all normal private employment is closed to me. . . ."

★ ★ ★

Browder is probably the loneliest man in the world today. I am wondering what the effect would be were he given an executive job by Automobile, Steel, or some other big industry **where he would be concerned with meeting a payroll rather than sabotaging it.**

★ ★ ★

Pete Monahan, Trainmaster of the old W. S. & J. Line, once told me that he never hesitated to employ a locomotive fireman who had burnt up a boiler. Pete said:

★ ★ ★

> **"If he burns up one boiler and lives through it, he will never do it again."**

Surplus 6-in. Pipe Marketed Here By Pacific Pipe Co.

The War Assets Corporation has just completed one of the largest sales of war surplus pipe which was manufactured to play an important part in the invasion of the Japanese mainland but was never shipped due to termination of war.

The sale was for 12,500 tons of 6-inch O. D. 12 gauge steel pipe, equipped with quick couplings. Totaling more than 600 miles of invasion piping, the lot was purchased jointly by the Pacific Pipe Company, San Francisco and Oakland; Dulien Steel Products, Inc., Seattle and Los Angeles; and the Morse Bros. Machinery company, Denver.

The buyers expect to market most of this purchase on the West Coast.

The pipe is suitable for low and high pressure lines such as used in irrigation and mining for the carrying of water and oil.

The quick couplings enable speedy laying of the pipe and were designed to expedite the completion of the job in the shortest possible time, which was essential to this type of work on the battle front.

The sale price of the pipe was reported to be "close to $900,000" when disposed of to the three companies, government officials said.

#

New Light-Weight Mixer Manufactured By Chain Belt Co.

Chain Belt Company of Milwaukee announces the manufacture of a new Rex end discharge 3½S tilting mixer.

The new Rex mixer weighs 150 pounds less than the former side discharge model, making it considerably easier to hitch and spot. Its wheel tread has been increased to 62 inches—about the same as that of an automobile. A lower center of gravity is obtained by cradling the mixer body between the wheels, resulting in faster and safer towing.

Other features include a choice of two engine sizes, an enclosed roller chain motor-drum drive, an all-welded pressed steel drum bowl, a ring gear driving the drum that can be easily replaced when wear occurs, a large size (24-in.) control handwheel equipped with a safe ratchet-type lock, cantilever springs and a removable tow pole.

Additional details can be had by writing Chain Belt Co., 1600 West Bruce St., Milwaukee 4, Wis.

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DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Religious Buildings	18-19
Social, Recreational Bldgs.	20-21
Residential Buildings	22-26
Transportation Bldgs.	27
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1-8—COMMERCIAL BLDGS.

3/6/46 4
PLANNED
OFFICE BUILDING
RENO, Washoe County, Nev.
Construction of two-story office building with possibilities of four stories later
Owner — Ciel Georgetta, Byington Bldg., Reno, Nev.

3/6/46 • 4-6
PLANS BEING FIGURED—BIDS OPEN MARCH 14, 5 P. M.
MEDICAL-DENTAL BUILDING
SAN FRANCISCO. Geary St. and 14th Ave.
Construction of two-story frame and terra cotta building to contain stores on first floor and offices on second floor.
Owner—John Coakley, c/o architect.
Architect — Leonard S. Mosias, 255 California St., San Francisco.

Bids will be opened in the office of the architect.

3/6/46 • 5
WORK STARTED
REPAIR BUILDING Cost, $8000
EMERYVILLE, Alameda Co., Calif. Near 47th St.
Alterations to old post office building for lunchroom.
Owner—John Depler.
Contractor — J. R. Armstrong, Box 216, El Cerrito.

3/6/46 • 3
BIDS OPENED

SAN FRANCISCO.—Empire Roofing Co., 261 Silver Ave., San Francisco, at $5489, submitted low bid to the Public Utilities Commission, Room 287 City Hall, under Municipal Railway contract No. 251 for repairing Geneva Ave. carhouse roof.

Other bids were:
Alta Roofing Co., $5841.
J. W. Bender Roofing Co., $6966.
B. P. McCarthy, $6055.
Robert F. Smith, $7457.81.
Malott & Peterson, $7775.

3/6/46 8
CONTRACT AWARDED

ALHAMBRA, Los Angeles Co., Cal.—Steed Bros., 714 Date Ave., Alhambra, have the contract for construction of a one-story, basement and subbasement store building at 401 E Main St., Alhambra, for Ashburn Furniture Co., 420 E Main St., Alhambra. It will cover an area 111x141 ft.; reinforced concrete and steel construction. Cost, $250,000.

Plans were prepared by Quintin & Westberg, architects, 712 N Garfield Ave., Alhambra.

3/6/46 4
CONTRACT AWARDED

LOS ANGELES, Cal.—P. J. Walker Co., 3900 Whiteside Ave., Los Angeles, awarded contract for the construction of a twostory steel and concrete telephone building, 82x102 feet in area, at 14717 Van Owen St., Van Nuys District, for the Southern California Telephone Co.; cost $160,000.

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36/46 • • 2-8
PLANS BEING FIGURED—BIDS OPEN MARCH 15, 2 P. M.
REMODEL AUTO AGENCY
SAN FRANCISCO. Market St. and Duboce Avenue.
Remodel Ford Agency building.
Owner—S & C Motors, 2001 Market.
Architect—W. D. Peugh. 333 Montgomery Street.

Plans are being figured by the following contractors:
Jacks & Irvine, 620 Market Street.
H. E. Rahlmann, 251 Kearny St.
Carrico & Gautier, 365 Ocean Ave.
G. P. W. Jensen & Sons, Inc., 320 Market Street.
Ira W Coburn, 2048 Market Street.

3/6/46 • • 2
LOW BIDDER
TRUCK TERMINAL
SAN FRANCISCO. 675 Brannan St.
Construction of reinforced concrete truck terminal building.
Owner — Oregon - California-Nevada Fast Freight Lones, 675 Brannan.
Architect—W. D. Peugh, 333 Montgomery Street.
Low Bidder—Carrico & Gautier. 365 Ocean Avenue.

3/6/46 • • 8
WORK UNDERWAY
STORE BUILDING Cost, $500,000
SAN JOSE, Santa Clara Co., Calif. NW corner First and Santa Clara.
Construction of 3-story and mezzanine store building having a total area of over 60,000 square feet on the three main floors.
Owner—J. C. Penney Co., 51 S. First Street, San Jose.
Architect—Albert F. Roller, Crocker First National Bank Building, San Francisco.
Contractor—MacDonald, Young and Nelson, 121 Montgomery St., San Francisco.

3/6/46 • 8
CLEARING SITE
RETAIL STORE & WAREHOUSE
SANTA ROSA, Sonoma Co., Calif. 7th St. tract, between A and B Sts.
Razing of two buildings on site of the proposed construction of one-story T-shaped building (75,000 sq. ft. floor area), basement and mezzanine; parking area west of main store, 55,000 sq. ft.
Owner—Sears, Roebuck & Co., 2650 E. Olympic Blvd., Los Angeles.
Architect—C. A. Caulkins, 1107 St. Helena, Santa Rosa.
Wrecking Contractor—W. R. Lippincott, 5458 Sonoma Highway, Santa Rosa.

Plans call for the complete removal of the two houses within 60 days; construction to begin shortly afterward.

3/6/46 • 7
FIRE LOSS

BRODERICK, Yolo Co., Calif.—The George Beale & Co. grocery store at Third and Broderick Sts. was recently destroyed by fire with loss estimated at $50,000.

3/6/46 • 7
PLANS BEING FIGURED—BIDS OPEN MARCH 11, 2 P. M
MARKET BUILDING
SAN FRANCISCO. 25th Ave. and Noriega St.
Construction of one-story frame market building (82.6x108 ft.).
Owner—Withheld.
Architect—John J. Foley, 770 5th Ave.

Plans are being figured by a selected list of contractors.

3/6/46 • 2
BIDS WANTED

OAKLAND, Alameda Co., Calif.—As previously reported, until March 18, 4 P. M., bids will be received by the Oakland Port Commission, foot of Grove St., Oakland, for construction of addition to hangar 2D, Oakland Municipal Airport.

Specifications obtainable from the above office upon deposit of $10.00.

3/6/46 • 1
WORK STARTED
BANK BUILDING Cost, $130,000
EUREKA, Humboldt County, Calif. Fourth and F Sts
Construction of one-story concrete bank building (75x105 ft.), with mezzanine and basement.
Owner—Bank of America, 500 Fifth St., Eureka.
Contractor—Mercer-Fraser Co., 2nd and Commercial Sts., Eureka.

3/6/46 • • 3
PLANS BEING FIGURED—BIDS OPEN MARCH 15, 10 A. M.
WAREHOUSE
SAN FRANCISCO. Fourth and Clementina Streets.
Construction of 2-story and basement Class B warehouse (80x140-ft.) for the storage of drugs.
Owner — S. E. Massengill Co., c/o architect.
Architect—Howard Edwin Sweeting, 101 Post St.

As previously reported, the following contractors have been invited to figure plans:
Erbentraut & Summers, 446 6th St., San Francisco
Clinton Construction Co., 923 Folsom St., San Francisco.
Transwestern Construction, Rialto Bldg., San Francisco.
De Luca & Son, 1745 Filbert St., San Francisco.
Dinwiddie Construction Co., 210 Crocker Bldg., San Francisco.
Barrett & Hilp, 918 Harrison St., San Francisco.
Parker, Steffens & Pearce, 135 So. Park, San Francisco.
MacDonald, Young & Nelson, 127 Montgomery St., San Francisco.

3/6/46 • 8
PLANS COMPLETED
SHOWROOMS
SANTA ROSA, Sonoma Co., Calif. Southern city limits.
Construction of Dodge - Plymouth showrooms and garage.
Owner — Dodge-Plymouth Co., c/o architect.
Architect—C. A. Caulkins, 1107 St. Helena, Santa Rosa.

3/6/46 • 8
WORK UNDER WAY
POULTRY MILL
SANTA ROSA, Sonoma Co., Calif. Sebastopol Ave. and railroad.
Construction of R-Way feed and poultry mill.
Owner—The R-Way Feed & Poultry Mill.
Architect—C. A. Caulkins, 1107 St. Helena, Santa Rosa.

3/6/46 7
OWNER WILL BUILD
RESTAURANT
OROVILLE, Butte Co., Calif. Feather River Highway, 24 miles east of Oroville.
Rebuilding of Grand View service station and restaurant, plate glass windows (40x50).
Owner and Builder — Frank Boyle, Pleasant Valley, Oroville.

3/6/46 • 8
PREPARING WORKING DRAWINGS
STORE BLDG. Est. Cost, $60,000
RED BLUFF, Tehama County, Calif.
Construction of concerte store building (75x100 ft.), steel trusses, asphalt tile floorign, vitrolite plate glass.
Owner—Sprouse-Reitz Company.
Architect—Herman C. Baumann, 251 Kearny St., San Francisco.

9-10—EDUCATIONAL BUILDINGS

3/6/46 9
FIRE LOSS

BERKELEY, Alameda Co., Calif.—Fire recently damaged St. Mary's High School, Hopkins and Albina Sts., Berkeley, Father Vallesian, superintendent, with loss estimated at $30,000.

3/6/46 9
FUNDS AWARDED
SHOP BLDG. Est. Cost, $55,120
MURRAY CITY, Salt Lake County, Utah.
Construction of shop building for mechanics (55x175 ft.), brick walls, steel trusses, fireproof construction.
Owner—Murray City School District, James Clove, superintendent of schools, Murray City, Utah.
Engineer—Carl W. Scott, Salt Lake City, Utah.

The Bureau of Community Facilities, Federal Works Agency, 2223 Fulton St., Berkeley, Calif., awarded funds in amount of $1916 to assist in preparation of plans.

3/6/46 9
FUNDS AWARDED
SCHOOL BLDG. Est. Cost, $58,160
MUSCOY, San Bernardino Co., Calif. Blake and Macey Sts.
Construction of school building.
Owner—San Bernardino City School District, Gordon W. Parker, superintendent, San Bernardino.
Engineer—L. J. Seckels, 1206 Santee St., Los Angeles, district engineer for owner.

The Bureau of Community Facilities, Federal Works Agency, 2223 Fulton St., Berkeley, awarded funds in amount of $2600 to assist in preparation of plans.

3/6/46 • 9
BOND ELECTION PLANNED
SCHOOL BUILDINGS Cost, $460,000
CHICO, Butte County, Calif.
Construction of new auditorium and equipment, small cafeteria, kitchen, kindergarten and other facilities at Citrus School, $80,000; four new classrooms, small auditorium and kitchen for cafeteria and additional grounds for new location at Linden School, $80,000; 10 new classrooms, auditorium, cafeteria, kitchen and other facilities, tearing down of old building, Oakdale School, $150,000; new Hooker Oak School, including 12 classrooms, auditorium and other facilities, $150,000.
Owner — Chico Elementary School District, F. F. Martin, superintendent of schools, Chico.
Architect—Not announced.

Bond election is tentatively planned for June 4. Total amount of construction planned is $460,000, less $60,000 new in the building fund, leaving $400,000 to be raised by the bond issue.

3/6/46 • 9
FUNDS APPROVED
GYMNASIUM BLDG. Cost, $223,000
LINDSAY, Tulare County, Calif.
Construction of gymansium building to serve both the junior and senior high schools.
Owner—Lindsay Unified School District, C. A. Castle, superintendent, Lindsay.
Architect—Not selected.

Application for advance planning funds of $12,200 has been approved, according to announcement made by Wright L. Felt, division engineer of the Bureau of Community Facilities of the Federal Works Agency, Berkeley.

3/6/46 • 9
BOND ELECTION PLANNED
SCHOOL BUILDINGS Cost, $910,000
CHICO, Butte County, Calif.
Construction of five regular shops and equipment, $150,000; revamp present woodshop for music, $6000; five new busses, $50,000; junior high school of 16 rooms, a playroom and library for Paradise, $175,000; junior high school of 36 rooms, a playroom and library for Chico, $300,000; addition to administration and gymnasium buildings, $29,000; high school auditorium of 1500 seating capacity, $200,000.
Owner—Chico High School District, F. F. Martin, superintendent of schools, Chico.
Architect—Not given.

Bond election is tentatively planned for June 4.

Total amount construction planned by the high school district is $910,000, less $110,000 now in the building fund, leaving $800,000 to be raised by the bond issue.

3/6/46 • 9
PREPARING WORKING DRAWINGS
PHYSICAL EDUCATION BLDG. Estimated Cost, $250,000
LODI, San Joaquin County, Calif.
Construction of two-story reinforced concrete physical education building to contain one classroom and large gymnasium.
Owner—Lodi Union High School District, Lodi.
Architect — Peter L. Sala, 2130 N. Commerce St., Stockton.

3/6/46 • 9
PREPARING WORKING DRAWINGS
SCHOOL ADDN. Est. Cost, $100,000
STOCKTON, San Joaquin Co., Calif. E. Main St.
Construction of two-story reinforced concrete 8-roo maddition to Roosevelt Elementary School.
Owner—Stockton Unified School District, Stockton.
Architect — Peter L. Sala, 2130 N. Commerce St., Stockton.

3/6/46 • 9
PREPARING WORKING DRAWINGS
SCHOOL BLDG. Est. Cost, $50,000
LAMMARSVILLE (near Tracy, San Joaquin County, Calif.
Construction of two-room assembly hall at elementary school.
Owner — Lammarsville Elementary School District, Lammarsville.
Architect — Peter L. Sala, 2130 N. Commerce St., Stockton.

3/6/46 • 9
PREPARING PRELIMINARY PLANS
SCHOOL BLDG.
WESTPOINT, Calaveras Co., Calif.
Construction of 4-room frame elementary school building.
Owner—Westpoint Elementary Sch. District.
Architect—Peter L. Sala, 2130 North Commerce St., Stockton.

A bond election is planned to finance construction.

3/6/46 • 9
PREPARING PRELIMINARY PLANS
SCHOOL ADDITION
LINDEN, San Joaquin Co., Calif.
Construction of 4-room reinf. conc. addition to elementary school.
Owner -- Linden Elementary School District, Linden.
Architect—Peter L. Sala, 2130 North Commerce St., Stockton.

A bond issue to finance construction will probably be held in July.

12-13—INDUSTRIAL BUILDINGS

3/6/46 • • 12
PLANS BEING FIGURED—BIDS OPEN MAR. 18, 4 PM., EST.
FACTORY IMPROVEMENTS
SOUTH SAN FRANCISCO, San Mateo Co., Calif. Linden Avenue.
Improvement of thinner manufacturing facilities at South San Francisco plant; Project 2121.
Owner—E. I. du Pont de Nemours & Co., Wilmington, Dela.
Plans by Engrg. Dept. of Owner.

Plans are being figured by a selected list of contractors.

3/6/46 • • 12
WORK UNDERWAY
FACTORY Approx. Cost, $360,000
EMERYVILLE, Alameda Co., Calif. SW corner Hollis Street and Stanford Avenue.
Construction of one-story and mezzanine reinf. concrete manufacturing and office building (260x256-ft.) steel sash.
Owner—U. S. Envelope Company.
Plans prepared by The Austin Co.
Contractor — The Austin Company, 618 Grand Ave., Oakland.

3/6/46 • 12
TO START WORK
NEWSPAPER BUILDING
LODI, San Joaquin County, Calif. W. Pine St., across from the City Hall.
Construction of one-story building (55x136 ft.), brick with reinforced concrete supports and truss roof, glass panels.
Owner—Lodi News-Sentinel, N. School St., Lodi.
Contractor—William C. Hoegerman, 303 W. Elm St., Lodi.

Construction is scheduled to start this week.

3/6/46 • 12
COMPLETE BIDS
SUPERSTRUCTURE FOR SHOP, ETC.
SAN FRANCISCO. San Francisco Naval Shipyard.
Construction of the superstructure for the completion of a two-story shop building No. 411, shipfitters' and boilermakers' shop, and miscellaneous small structures which shall be used for industrial shop purposes, and which includes asbestos siding, roofing, wood block and other flooring, earthwork, paving, track work, piling, metal windows and doors, tile work, plastering, tanks, sprinklers, elevators, concrete floor coverings, ventilation and utilities; Spec. No. 17099.
Owner—Bureau of Yards and Docks, Navy Department, c/o Public Works Office, Room 2110 Administration Bldg., San Francisco Naval Shipyard.
Low Bidder—James I. Barnes Construction Co. ,941 Russ Bldg., San Francisco, $2,290,000.

As previously reported, complete base bids and alternate proposals were:

James I. Barnes Construction Co., San Francisco, $2,290,000, (1) add $3000, (2) deduct $4000, (3) deduct $145,000, (4) $2.75.

Clinton Construction Co., 923 Folsome St., San Francisco, $2,294,000, (1) add $3500, (2) no bid, (3) deduct $160,000, (4) $3.

Barrett & Hilp, San Francisco, $2,300,000, (1) add $3000, (2) no bid, (3) deduct $164,000, (4) $3.

M. & K. Corp., San Francisco, $2,528,884, (1) add $3000, (2) deduct $5000, (3) deduct $132,000, (4) $13.

*A. Farnell Blair, San Francisco, $2,267,300, (1) add $3000, (2) deduct $4900, (3) deduct $125,000, (4) $4.

*Bid rejected due to qualifying the price quoted.

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PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Tube Steam Radiation, Spec. No. 17460, NOy 13296	San Leandro	3- 8
Spec. 1172 Earthwork, Canal Lining	Friant-Kern Canal	3-12
8 Miles Railroad NOy 13469; Spec. 17620	Stockton	3-14

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Shell Chemical Shop and Storage Bldg., Shell Point; Bids open March 6
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)
Stolte, Inc., P. O. Box 781, Pittsburg (1417).

Escalator and Elevator Additions, Lincoln Bldg., 867 Market Street, San Francisco; Bids open March 12, 3:00 P. M.
Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco (EXbrook 5616)
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)

Theatre Bldg., Guerneville; Bids open March 6, 12 Noon.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).

Schools, Castro and Alvarado Sts., Richmond; Bids open March 6, 8 P. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579).
Elmer J. Freethy, 1432 Kearney St., El Cerrito (Landscape 5-3811).
John M. Bartlett, 703 Everett St., El Cerrito (LAndscape 5-9133)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209)

Superstructure for Ordnance Shop, San Francisco Naval Shipyard; NOy 12968; Spec. 17152; Bids open March 18, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
E. S. McKittrick Co., 610—16th St., Oakland (TWin Oaks 5070).
M & K Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
A. Farnell Blair Co., Inc., 9 Main St., San Francisco (YUkon 6390).
Moore & Roberts, 693 Mission St. San Francisco (GArfield 8579).
Peter Kiewit Sons' Co., 442 Post St., San Francisco (EXbrook 5736).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).

Alter Apt. House, 601 O'Farrell St., San Francisco; Bids open Mar. 8, 2 PM.
G. P. W. Jensen & Sons, Inc., 320 Market St., S. F. (GArfield 2444)
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).

Esberg Rresidence, 16th Ave. and Presidio, S. F.; Bids open Mar. 8, Noon.
G. P. W. Jensen & Sons, Inc., 320 Market St., S. F. (GArfield 2444)
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).
Elvin C. Stendell, 105 Gonzalez Dr., San Francisco (JUniper 4-63228)

Alter Yolo Theatre, Woodland; Bids open March 13, 2:00 P. M.
Mariposa Constr. Co., 198 Mississippi St., S. F. (UNderhill 0375)
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).
Alfred J. Hopper Co., 243 Langton St., San Francisco (MArket 7070)

Bank Building, East Salinas; Bids open March 12.
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)

Drug Storage Bldg., 4th and Clementina Streets, San Francisco; Bids open March 15, 10:00 A. M.
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616).

Remodel Ford Agency, Market St. and Duboce Ave., San Francisco; Bids open March 15, 2:00 P. M.
Jacks & Irvine, 620 Market St., San Francisco (GArfield 2106).

Improve Facilities, South San Francisco, E. I. du Pont plant; Bids open March 18, 4:00 P. M. (EST).
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616).

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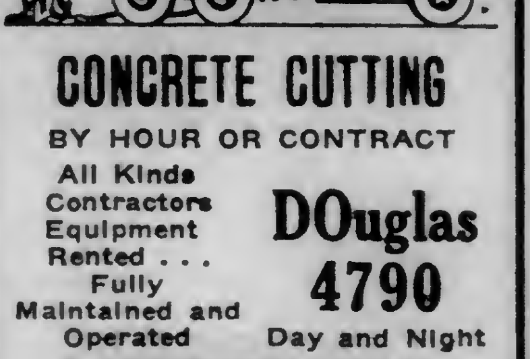
Present prices are subject to sharp advancement upon completion of improvements; when unsold sites will be extensively advertised to the public.

Engineering is now being completed for streets, sewers and water system; work is scheduled to start during May of this year.

Property can be inspected by appointment by calling

Frank Ashby, Owner, at MArket 1230



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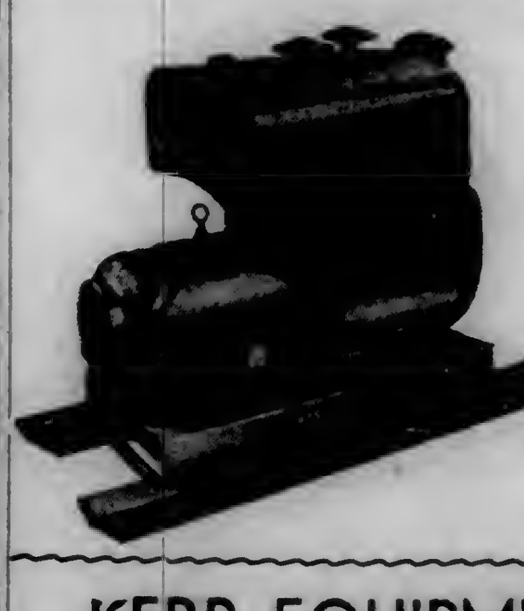

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ADVANCE CONSTRUCTION REPORTS

3/6/46 • 12
BIDS OPENED

SAN FRANCISCO—O'Mara & Stewart, Ltd., 218 Clara St., at $5740, submitted low bid to the Public Utilities Commission, Room 287 City Hall, under Municipal Railway contract No. 246 for constructing heating system, Elkton paint shop.

Other bids were:
Empire Heating & Plumbing Co., $6095.
J. Gibbs Sons, $6578
Scott Co., $6850.
Herman Lawson Co., $7000.
James A .Nelson Co., $7338.

3/6/46 • 12
PREPARING PLANS
FOOD PROCESSING PLANT
Estimated Cost, $20,000
LODI, San Joaquin County, Calif. N Sacramento St.
Construction of two-story cement block and concrete addition to food processing plant.
Owner and Builder—Filbin's Food Processing Co., N. Sacramento St., Lodi.
Architect—Peter L. Sala, 2130 N. Commerce St., Stockton.

3/6/46 • 12
PREPARING PLANS
QUICK FREEZING PLANT
Estimated Cost, $15,000-$20,000
LODI, San Joaquin County, Calif. N. Sacramento St.
Addition to existing quick freezing plant.
Owner and Builder—Cliff Glisan, N. Sacramento St, Lodi.
Architect—Peter L. Sala, 2130 N. Commerce St., Stockton.

14-17—PUBLIC BLDGS.

3/6/46 • • 15
BIDS OPENED

OAKLAND, Alameda Co., Calif.—Otis Elevator Co., 1 Beach St., San Francisco, at $847.97 submitted low bid to the City of Oakland, Chas. M. Don, city clerk, City Hall, for renewing hoisting cables for passenger elevator No. 1 in the City Hall building.

Leo R. Moody, at $862.65 submitted only other bid.

3/6/46 • 15
BIDS WANTED—TO CLOSE MARCH 20, 11 A. M.
FIREHOUSE ADDITION
SAN FRANCISCO. San Francisco Naval Shipyard.
Construction of two-story frame addition to an existing building No. 215, which shall be used for housing fire department activities and which includes paving, earthwork, roofing, stucco siding, plastering, glazing, utilities and painting; Spec. 17213, NOy 13034.
Owner—Bureau of Yards and Docks, Public Works Office, Room 2110, Administration Bldg., San Francisco Naval Shipyard, San Francisco.

Plans and specifications obtainable from the officer in charge of construction, Room 2110 Administration Bldg., San Francisco Naval Shipyard, San Francisco, upon deposit of check or postal money order for $10, payable to the Chief of Bureau of Yards and Docks.

3/6/46 • 16
BIDS WANTED—TO BE OPENED MARCH 20, 2 P. M.
SIDEWALKS, PAINTING, FLOORS
LA GRANDE, Oregon.
Construction of concrete sidewalks, exterior painting and repairs to wood floors at U. S. Post Office.
Owner—Federal Works Agency, Public Buildings Administration, office of district engineer, 838 U. S. Appraiser's Bldg., San Francisco.

Plans and specifications obtainable from the above office of the district engineer.

3/6/46 • 16
BIDS WANTED—TO BE OPENED MARCH 13, 2 P. M.
PARTITIONS, ETC.
SAN FRANCISCO.
Construction of movable cement asbestos panel partition and acoustical treatment, etc., at U. S. Appraiser's Building.
Owner—Federal Works Agency, Public Buildings Administration, office of district engineer, 838 U. S. Appraiser's Bldg., San Francisco.

Plans and specifications obtainable from the above office of the district engineer.

3/6/46 • 14
ARCHITECT SELECTED
MEMORIAL BUILDING
Approximate Cost, $100,000
COLUSA, Colusa County, Calif.
Construction of one-story concrete veterans' memorial building, including ward wing, kitchen wing and administration wing.
Owner—County of Colusa, Courthouse, Colusa.
Architect—Jotham S. Gould, 251 Kearny St., San Francisco.

3/6/46 • 15
COMPLETING PLANS
COUNTY BUILDING Cost, $40,000
MAXWELL, Colusa County, Calif.
Construction of county building to include firehouse, library and jail.
Owner—County of Colusa, Courthouse, Colusa.
Architect—Jotham S. Gould, 251 Kearny St., San Francisco.

3/6/46 • 15
TO ASK BIDS
UTILITIES BUILDING
Approximate Cost, $12,000
SOUTH SAN FRANCISCO. San Mateo County, Calif
Construction of utilities building (40x 200 ft.) in the corporation yard; sheet iron or corrugated galvanized iron building with concrete floor
Owner—City of South San Francisco, City Hall, South San Francisco.
Engineer—Charles T. Broughton Co., 425 Grand Ave., South San Francisco.

Plans and specifications will be obtainable from the office of H. L. Schweining, superintendent of streets, City Hall.

3/6/46 15
BOND ELECTION
FIRE HOUSE
FORT BRAGG. Mendocino Co., Calif.
Construction of fire house.
Owner—City Council of Mendocino County, Ernest Celeri, Fire Chief.

A bond election will be held shortly.

22-26—RESIDENTIAL BUILDINGS

3/6/46 • • 26
PLANNED
SUBDIVISION Est. Cost, $10,000,000
REDWOOD CITY, San Mateo Co., Calif. Tract west of El Comino Real and north of Millbrae Highlands.
Construction of 700 homes.
Owners—Max Schmidt, 140 Robler, Hillsborough, and Theodore Loy, 1524 Arc, Burlingame.

3/6/46 • 26
WORK UNDER WAY
RESIDENCES Est. Cost, $150,000
CORTE MADERA, Marin Co., Calif. Grove Avenue, 400 yards south of city hall.
Construction of five one-story homes (65x135) California ranch style, 3 bedrooms each.
Owner and Builder—J. D. O'Connor, 308 Chapman St., Corte Madera.
Plans by Dave Bean, 146 Edison St., Corte Madera.

Work will begin soon on ten other homes at Madera Park on Oakdale between Sausalito and Manzanita at an estimated cost of under $10,000 each.

In addition to this 15-unit project, J. D. O'Connor contemplated building seven homes, to cost from $15,000 to $30,000, on a 60-acre tract fronting on the Corte Madera-Mill Valley highway.

3/6/46 • 26
WORK UNDER WAY
MOTEL Approx. Cost, $38,000
CONCORD, Contra Costa Co., Calif. Clayton Rd. and Chestnut, about one mile east of Concord.
Construction of six frame and stucco duplexes with Zonolite plaster inside at Motel El Monte.
Owner—M. A. Rotermund, Bancroft Station, Concord.
Architect—W. H. Ratcliff, 2323 Shattuck Ave., Berkeley.
Contractor—George Plack, P. O. Box 844, Concord.

3/6/46 • 26
TO START WORK
SUBDIVISION
Est. cost $10,000 to $16,000 each
MILL VALLEY, Marin County, Calif. E. Blithedale, Elm, Alvarado and Alta Vista.
Construction of nine homes, three bedrooms each; two of ranch style.
Owner and Builder—Land Development Co., 364 Bush St., San Francisco.

Building operations are scheduled to start in about ten days.

3/6/46 • 26
TO START WORK
SUBDIVISION
ALTO, Marin County, Calif. Across highway from Alto toward Tiburon.
Construction of 15 homesites, three bedrooms each, to be known as Sunny Hills.
Owner and Builder—Land Development Co., 364 Bush St., San Francisco.

Building operations are scheduled to start in about ten days.

3/6/46 • • 26
PRELIMINARY PLANS PREPARED
SUBDIVISION Est. Cost, $2,000,000
STOCKTON, San Joaquin Co., Calif. Lower Sacramento Road.
Construction of 250-home housing development; 1-story, frame and stucco fice- and six-room homes to cost $6500 to $10,000 each.
Owner and Builder—Dan Nomellini, 2529 McKinley St., Stockton.
Architect—Peter L. Sala, 2130 North Commerce St., Stockton.

Preliminary plans are now awaiting the approval of the city planning commission.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Water Supply and Sewage Disposal Plants 31-32
Bridges 33
Dams, Reservoirs and Dredging 34
Docks, Piers & Harbors 35
Parks, Airports and Playgrounds 36
Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

3/6/46 • 32
FUNDS ALLOTTED
SEWAGE PLANT Cost, $130,000
LOS GATOS, Santa Clara Co., Calif.
Construction of sewage treatment plant and reconstruction of old outfall sewer line.
Owner—Town of Los Gatos, Jas. A. Gacigaluti, president of Planning Commission.
Town Engineer—L. Cedric Macabee, 156 University Ave., Palo Alto.

Application for advance planning funds totaling $15,600 has been approved for the town of Los Gatos to include above construction, according to an announcement made by Wright L. Feit, Division Engineer of the Bureau of Community Facilities of Federal Works Agency, Berkeley.

3/6/46 • 31
BIDS WANTED

MONTEREY COUNTY, Calif.—Until March 21, 10 A. M., bids will be received by the State Division of Highways, L. H. Gibson, district engineer, 50 Higuera St., San Luis Obispo, for drilling and casing water well at the Priest Valley maintenance station, about 23 miles east of San Lucas, Monterey County.

The work involves:
(1) 150 lin ft. drill and case well;
(2) 10 hours' pumping well.

Specifications obtainable from the above office.

3/6/46 • 22
PREPARING WORKING DRAWINGS
HOTEL Est. Cost, $1,500,000
RENO, Washoe County, Nev.
Construction of class A 13-story hotel building to contain 200 rooms and baths, gambling casino, cocktail lounge, dining room, kitchen, garage, stores, four elevators; reinforced concrete and structural steel frame.
Owner—J. & D. Enterprises, Reno, Nev.
Architect—Herman C. Baumann, 251 Kearny St., San Francisco, Calif.

3/6/46 • • 31
BIDS WANTED

SAN FRANCISCO.—Until Mar. 19, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 287 City Hall, under Spec. 411-A, for construction of Lincoln Park pumping station building.

Specifications obtainable from the Cashier's office, 6th floor, 425 Mason St., upon deposit of $10.00.

34—DAMS, RESERVOIRS & DREDGING

3/6/46 • • 34
AWARD RECOMMENDED

CENTRAL VALLEY PROJECT, Friant-Kern Canal. — Bechtel Bros.-McCone, 220 Bush St., San Francisco at $267,805 on Schedule No. 1 only, and Peter Kiewit Sons Co., 442 Post St., San Francisco, at $1,721,584 on alternate bid on Schedule 2, and at $1,656,021.85 on alternate bid on Sch. 3, recommended for award of contract by the U. S. Bureau of Reclamation, Friant, under Spec. 1148 for construction of the next 15-mile lap of the Central Valley Project's 160-mile Friant-Kern Canal, Friant Division, Central Valley Project; Spec. No. 1148.

The work, in general, consists of the construction of earthwork, concrete lining and structures, station 301 plus 60 to station 1144 plus 00, and wasteway at station 298 plus 66. The work is situated from 14 miles north to 15 miles east of Fresno.

3/6/46 • • 34
BIDS WANTED

HILLSBOROUGH, San Mateo Co., Calif.—Until March 18, 5 P. M., bids will be received by the City of Hillsborough, City Hall, for construction of reinforced concrete retaining wall on Central Springs Rd., Hillsborough.

Work involves:
(1) 44 c.y. Class A concrete;
(2) 400 s.f. 6-in. asph. conc. pavement;
(3) 278 l.f. 18-in. conc. storm drain;
(4) 1 catchbasin.

Specifications obtainable from City Engineer E. P. Wilsey, 705 El Camino Real, Hillsborough, upon deposit of $5.00.

3/6/46 • 34
BIDS WANTED

LOS ANGELES, Calif.—Until April 10, 10 A. M., bids will be received by the Los Angeles Board of Public Works, 153 City Hall, Los Angeles, for the excavating for the site of the Hyperion sludge plant, the disposal of the excavated material, removal of sewers and reconstruction, removal of power line and relocating, construction of sewer ventilating system, construction of a groin, paving and other work; cash contract; 900 days for completion; estimated cost, $3,000,000.

The work involves:
(1) 14,100,000 cu yds. excavation, including disposal of material on 6¼ miles of beaches between the cities of El Segundo and Santa Monica;
(2) lump sum for the removal of existing sewers and appurtenances, timbered tunnel, concrete pavement, south screening plant building and appurtenances, transformer building, pumphouse, fences and miscellaneous materials;
(3) lump sum for the relocation of power lines and construction of transformer vault complete in place, moving and reinstalling exisiting transformer vault, removal of existing power line and the construction of new power line, furnishing all necessary electrical wire, fittings and other equipment;
(4) lump sum for the construction of a portion of the central outfall sewer and appurtenant work complete in place, including necessary bypass, appurtenant sewer structure, corrugated metal pipe, excavating and backfilling;
(5) lump sum for the construction and equipping of a sewer ventilating system complete, including the construction of a ventilating station building, removal of certain equipment from present location and reinstalling that equipment in new building, furnishing and installing necessary new equipment, testing and putting new vetilating system into complete operation;
(6) lump sum for the construction of a groin complete in place, including the driving of steel sheet piling, timber caps and wales and appurtenances, furnishing all other materials and doing all work necessary for the construction of the groin;
(7) 45,650 sq. ft asphaltic concrete pavement, 8-in. thick;
(8) 30,860 sq. ft. asphaltic concrete pavement, 5-in. thick;
(9) 3990 sq. ft. rock and oil roadway, 4-in. thick;
(10) 2125 lin ft. integral curb and gutter.

3/6/46 • • 34
BIDS WANTED

OWYHEE PROJECT, Ore.-Ida.—Until March 22, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Boise, Ida., under Spec. 1213 for the construction of earthwork, concrete wasteway sections, and structures, Fletcher Gulch wasteway, Mitchell Butte Division, Owyhee Project, Ore.-Ida. The work is situated about 10 miles southwest of Nyssa, Oregon.

Estimated quantities are:
(1) 60,000 c.y. common excav. for wasteway;
(2) 500 c.y. rock do;
(3) 55,000 c.y. common excav. for structures;
(4) 500 c.y. rock do;
(5) 14,000 c.y. backfill;
(6) 1,500 c.y. compacting backfill;
(7) 700 s.y. dry-rock paving;
(8) 3,920 c.y. concrete in struc.;
(9) placing 373,000 lbs. reinf. bars;
(10) constructing 5500 l.f. 6-inch dia. underdrains with uncemented joints;
(11) laying 200 l.f. 6-in. diam. sewer pipe with cemented joints;
(12) erecting 19 M ft. b.m. of timber in structures;
(13) installing 18,000 lbs. gates and gate hoists;
(14) installing 1.000 lbs. misc. metal work.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, Chief Engineer, U. S. Customhouse, Denver 2, Colo.; R. J. Newell, Construction Engineer, P. O. Box 937. Reclamation Building, Fairgrounds, Boise, Idaho, and Michael W. Straus, Commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the Construction Engineer.

No charge for specifications to prospective bidders; to others, $1.75, not returnable.

36—PARKS, AIRPORTS & PLAYGROUNDS

3/6/46 • 36
BIDS OPENED

SANTA CATALINA ISLAND, Los Angeles Co., Calif—Peter Kiewit Sons Co., 650 S. Grand Ave., Room 505, Los Angeles, at $248,000, submitted the low bid to the Santa Catalina Island Co., 606 S. Hill St., Los Angeles, for surfacing the runway of Buffalo Springs Airport, Santa Catalina Island. The work will involve placing a pressed rock base course on the present runway and surfacing of runway with bituminous mix, also installing electric ducts for future lighting system.

The bids submitted were:
Peter Kiewit Sons Co., $248,000.
N. M. Ball Sons Co., $254,790.
Haddock Engineers, $258,954.
Guy F. Atkinson Co., $262,585.
Clyde Wood, $268,385.
Macco Construction Co., $295,010.

37— RAILROADS, SUBWAYS & TUNNELS

3/6/46 • 37
TOTAL BIDS

COLORADO-BIG THOMPSON PROJECT, Colorado.—As previously reported, Loudermilk Bros., Denver, at $1,864,822, submitted low bid Feb. 26 to the Bureau of Reclamation, Denver, for the construction of excavation and concrete lining, Rams Horn and Prospect Mountain tunnels, power canal No. 1, Colorado-Big Thompson Project, Colorado; Spec. No. 1167. The work is situated from one mile south to four miles southwest of Estes Park, Colo.

Total bids follow:

Lowdermilk Bros., Denver, Colo., Sched. No. 1, $699,508; Sched. No. 2, $1,165,314; total bid for schedule, $1,864,822.

Stiers Bros. Construction Co., St. Louis, Mo., Sched. No. 1, $650,210; Sched. No. 2, $1,360,080; total bid for schedule, $2,010,290; will accept whole schedule or none at all.

Pervis Gregg & John Magoffin, Denver, Colo., Sched. No. 1, $733,980; Sched. No. 2, $1,349,280; total bids for schedule, $2,083,260; will accept Sched. No. 1 alone or Sched. Nos. 1 and 2 together, but will not accept Sched. No. 2 alone.

38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

3/6/46 • • 38
BIDS WANTED

SAN FRANCISCO.—Until Mar. 19, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 287 City Hall, under Bureau of Light, Heat and Power Contract No. 42 for constructing a street lighting system on Lansdale Ave.-Dalewood Way to Robin Hood Drive; Casitas Avenue-Lansdale Ave. to Cresta Vista Drive (Sherwood Forest).

Specifications obtainable from the Cashier's office, 6th floor, 425 Mason St., upon deposit of $10.00.

40— STREETS AND HIGHWAYS

3/6/46 • 40
BIDS WANTED

SAN JUAN COUNTY, Colorado.—Until March 12, 10 A. M., bids will be received by the Colorado State Highway Department, A. F. Hewitt, state highway engineer, Denver, Colo., for the construction of combined FAP No. 300-G (1), Unit No. 1, and FAP No. 300-G (1), Unit No. 2, a grading project 8.128 miles long, located between Silverton and Durango on state highway No. 19, San Juan County. Bids will be received on the combined jobs and also on each of the two units separately.

3/6/46 • 40
BIDS OPENED

SACRAMENTO, Cal.—J. R. Reeves, Box 1072, Sacramento, at $1501.20, submitted low bid to the City of Sacramento, city clerk's office, City Hall, for improvement of 17th St., 4th Ave. and Vallejo Way.

Specifications obtainable from the above office.

The work involves:
(1) 81 sq. ft. concrete garage approaches, remove;
(2) 44 lin. ft. hedge, remove;
(3) 72 sq. ft. excavate grading;
(4) 7 cu. yds. fill grading;
(5) 394 lin. ft. curb and gutters cut No. 6, construct;
(6) 900 sq. ft. 3½-in. concrete sidewalks, construct;
(7) 4250 sq. ft. 5½-in. asphaltic concrete pavement.

Complete bids follow:

J. R. Reeves, (1) $0.02, (2) $0.50, (3) $1, (4) $0.25, (5) $1.25, (6) $0.17, (7) $0.175; total, $1501.20.

A. Teichert & Son, (1) $0.10, (2) $0.50, (3) $1.50, (4) $0.25, (5) $1.50, (6) $0.18, (7) $0.18; total, $1657.85.

McGillivray Construction Co., (1) $0.25, (2) $0.50, (3) $2, (4) $0.50, (5) $1.50, (6) $0.20, (7) $0.19; total $1768.25.

3/6/46 • 40
BIDS WANTED

FORT MacARTHUR, San Pedro, Los Angeles Co., Calif.—Until March 20, 1 P. M., bids will be received by the U. S. Engineer Office, 751 S. Figueroa St., Los Angeles, for the removal of disruptive camouflage from S. Gaffey St., between 34th and 36th Sts., and to restore this section of the street for traffic usage, Fort MacArthur, San Pedro, Calif.; Serial 153.

3/6/46 • 40
BIDS WANTED

BOULDER COUNTY, Colorado.—Until March 15, 10 A. M., bids will be received by B. W. Matteson, division engineer, Public Roads Administration, 254 Custom House, Denver, Colo., for the construction of Colorado Forest Project 29-J, Boulder-Idaho Springs, Boulder County, Colo., a total distance of 1.[illegible]1 miles; 200 calendar days for completion. Plans available from the above office upon deposit of $10; guarantee of 5% to accompany bids.

3/6/46 • 40
BIDS WANTED—TO BE OPENED MARCH 20, 2 P. M.
DRIVEWAY REPAIR
SALT LAKE CITY, Utah.
Construction of driveway and sidewalk repair at the U. S. Post Office, Sugarhouse Station.
Owner—Federal Works Agency, Public Buildings Administration, office of district engineer, 838 U .S. Appraiser's Bldg., San Francisco.

Plans and specifications obtainable from the above office of the district engineer.

3/6/46 • 40
BIDS WANTED—TO BE OPENED MARCH 20, 2 P. M.
RESURFACE DRIVEWAY
SALT LAKE CITY, Utah.
Resurface driveway at U. S. Post Office and Courthouse.
Owner—Federal Works Agency, Public Buildings Administration, office of district engineer, 838 U. S. Appraiser's Bldg., San Francisco.

Plans and specifications obtainable from the above office of the district engineer.

3/6/46 • 40
FUNDS ALLOTTED
STREET IMPROVEMENTS
LOS GATOS, Santa Clara County, Calif.
Street improvements in section of the city bounded by New York Ave., Buena Vista Ave., the city limits and Los Gatos Creek, including paving, repaving and resurfacing of streets and roadways and constructing and reconstructing curbs ad gutters and 15,000 sq. ft. sidewalks, cost $84,000; paving, repaving, resurfacing, laying new sidewalks and relaying others and construction of necessary drainage system in section of Los Gatos southeasterly of Los Gatos Creek and south of Main St. and Alpine Ave, cost $84,000.
Owner—Town of Los Gatos, James A. Gacigaluti, president of Planning Commission.
Town Engineer—L. Cedric Macabee, 156 University Ave., Palo Alto.

Application for advance planning funds totaling $15,600 has been approved for the town of Los Gatos to include above construction, according to an announcement made by Wright L. Felt, division engineer of the Bureau of Commuity Facilities of the Federal Works Agency, Berkeley

41—GAS, WATER AND OIL PIPE LINES

36/46 41
CONTRACT AWARDED

SPARKS, Nev.—John Powers Co., Reno, at $2780, awarded contract by the Sparks City Council, Sparks, for installing 481 feet of concrete pipe on 21st St., between D St and Prater Way.

3/6/46 • • 41
BIDS WANTED

PORTLAND. Ore.—Until Mar. 13, 5 P. M., bids will be received by the Maplewood Water District, 6810 SW 52nd St., Portland, for the construction of water mains in the above named water district southwest of the City of Portland.

Plans and specifications were prepared by C. E. Carter, civil engineer, 822 Spalding Bldg., Portland, and may be obtained from that office upon deposit of $25, of which $10 will be retained; est. cost, $132,000.

Work involves:
(1) 5100 l.f. 10-inch cast iron pipe;
(2) 7900 l.f. 8-inch do;
(3) 15,000 l.f. 6-inch do;
(4) 19,000 l.f. 4-inch do;
(5) 4700 l.f. 2-inch do;
(6) 6000 l.f. ¾-in. copper piping.

Alternate bids are asked, specifying delivery via both rail and water, for (1) flexible joint; (2) open bell lined; (3) open bell unlined pipe.

The district will also issue a call for bids in about 30 days, for the construction of two concrete reservoirs, one with a capacity of 500,000 gallons and the other of 250,000 gallons capacity; est. cost, $50,000.

3/6/46 • • 41
BIDS WANTED

SAN FRANCISCO.—Until Mar. 19, 3 P. M., bids will be received by the Public Utilities Commission, Rm. 287 City Hall, under Water Dept. Contract No. 416 for laying 6- and 8-in. cast iron mains in 28th, 42nd. 43rd Ave. and Rivera St.

Work involves:
(1) 2580 l.f. excav. and backfill;
(4a) 2150 l.f. install 6-in. bell and spigot cast iron pipe;
(4b) 420 l.f. install 8-inch do;
(5) 4800 lbs. install fittings, gate valves, etc.;
(6a) 300 l.f. make bell and spigot joints for pipe and fittings;
(7) 180 s.f. street pavement;
(8) 112 each install ¾-in. screw taps
(9) 2150 l.f. install ¾-in. service pipe;
(10) estimated cost field inspection per calendar day, $10.75;
(A) materials furnished and services rendered by S. F. Water Dept., $4154.50.

Specifications obtainable from the Cashier's office, 6th floor, 425 Mason St.; no deposit required.

42— MISC. SUPPLIES AND MATERIALS

3/6/46 • • 42
BID OPENED

SAN FRANCISCO. — Taylor and Spotswood Co., 700 Pennsylvania Ave. at $16.698 per cwt.; ½% 10 days; 180 day delivery, submitted only bid to the Purchaser of Supplies, City Hall, under Bid No. 3495 for furnishing and delivering 10,000 lbs. of special section grip die steel (type "C" bearing stock) for the Municipal Railway.

3/6/46 • • 42
BIDS OPENED

SAN FRANCISCO.—The following submitted bids to Purchaser of Supplies, City Hall, under Bid No. 3492 for furnishing and delivering armature, commutating and exciting field coils for the Municipal Railway:

John A. Roebling, (1) $55.40; (2) $60.95; (3) $66.70; (4) $76.60; (5) $61; (6) $24.40; (7) $26.30; (8) $27; ½% 10 days.

Dom Politeo, (1) $42.50; (2) $53.50; (4) $74.50; (5) $74.50; (6) $21; (7) $25; (8) $34.50.

General Electric Co., (1) $36.79; (2) $42.96; (3) $50.90; (4) $59; (5) $43.01; (6) $16.42; (7) $19; (8) $24.95.

3/6/46 • • 42
BID OPENED

SAN FRANCISCO—Neptune Meter Co., 320 Market Street, at $10 each; 2% 30 days, submitted only bid to the Purchaser of Supplies, City Hall, under Bid No. 3493 for furnishing and delivering 2000 ⅝x¾ split case water meters for the San Francisco Water Department.

3/6/46 • 42
BIDS WANTED

PANAMA CANAL.—Until March 12 bids will be received by the General Purchasing Officer, The Panama Canal, Washington 25, D. C., for 96 sheets asbestos board; 30 sq. ft. of phenolic electrical insulation; 5000 ft. antenna wire; 4000 ft. arc welding cable; 1000 lbs. tin-lead wire solder; 300 electric flashlights; 60 electric-battery hand lanterns; 1000 battery-charging clips; 120 nonwatertight buzzers; 2000 dry cell batteries; 400 general use capacitors; 6500 conduit pipe clamps, and 1000 lbs. paraffin (wax); Sch. 8201.

3/6/46 • 42
BIDS WANTED

TUCUMCARI, N. M.—Until March 12, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver 2, Colo., under Inv. 32,992-A for intermediate grade billet steel reinforcing bars, f.o.b. shipping point and/or Tucumcari, N. M., Conchas and Hudson canals.

Specifications obtainable from the above office.

3/6/46 • 42
BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the purchaser of supplies, 270 City Hall, under Bid No. 3478 for furnishing railway materials:

Bethlehem Steel Corp., $40 each; ½% 10 days.

Edgewater Steel Co., $40.50 each; ½% 30 days; shipment October.

Standard Steel Works Division, of Baldwin Locomotive Works, $40 each; ½% 30 days; 120 days' delivery.

Columbia Steel Co., $40.50; ½% 30 days; delivery August.

American Rolling Mill Co., $40.50; ½% 10 days; delivery August.

3/6/46 • 42
BIDS OPENED

SACRAMENTO, Calif.—The following submitted bids to the City of Sacramento, city clerk, City Hall, Sacramento, for 82 gate valves for the Water Department:

Pacific States Cast Iron Pipe Co., (1) $71 for 24-in., (2) $31.26 for 56-in., (3) $48.43 for 8-in., (4) $78.74 for 10-in.

Atlas Elevator Co., (1) $62, (2) $24.50, (3) $40, (4) $69.

Dallman Supply Co., (1) $70.37, (2) $31.04, (3) $47.96, (4) $77.68.

Crane Co., (1) $74.06, (2) $28.99, (3) $44.81, (4) $72.29.

Waterworks Supply Co., (1) $74.95, (2) $32.65, (3) $50.49, (4) $81.75.

Renssaeler Co., (1) $65.20, (2) $28.30, (3) $43.80, (4) $73.45.

Tay-Holbrook Co., (1) $74.06, (2) $24.99, (3) $38.16, (4) $62.19.

Slakey Bros., (1) $61.53, (2) $26.32, (3) $40.73, (4) $68.10.

3/6/46 6 42
BIDS WANTED

PANAMA CANAL.—Until March 11 bids will be received by the General Purchasing Officer, The Panama Canal, Washington 25, D. C., for 200 single steel couches with springs; 246 black table tops, 30x42 in.; 200 do, 42x42 in.; Sch. 8199.

36/46 • 42
BIDS WANTED

PANAMA CANAL.—Until March 11 bids will be received by the General Purchasing Officer, The Panama Canal, Washington 25, D. C., for 50 electrically operated water heaters, automatic temperature control, 30-gallon capacity; Sch. 8198.

(Continued on Page Four)

FRIANT-KERN CANAL, CENTRAL VALLEY PROJECT

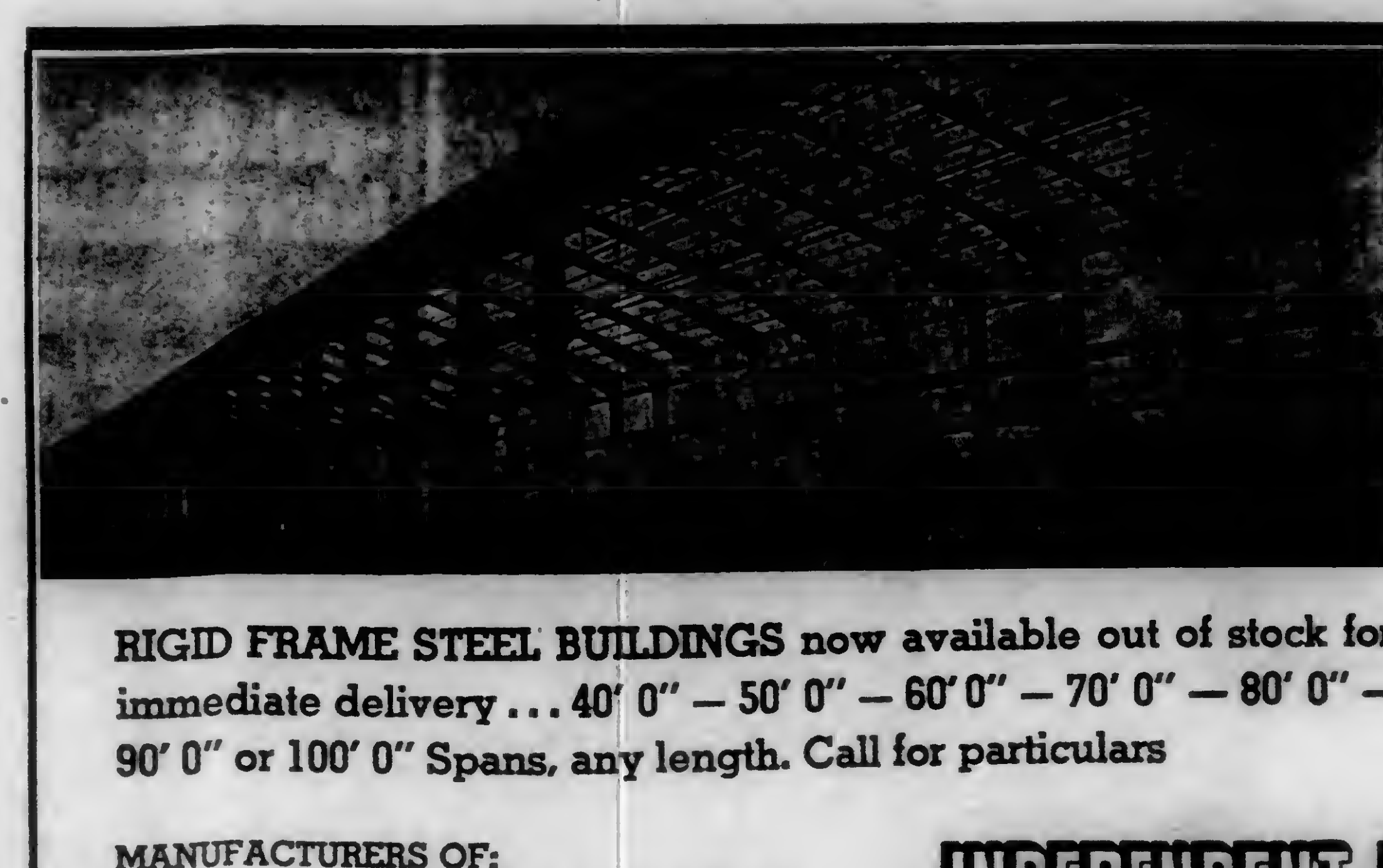
CENTRAL VALLEY PROJECT.—Peter Kiewit Sons Co., 442 Post St., San Francisco, at $1,598,856 submitted low bid to U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Friant, under Specifications No. 1171 for the construction of earthwork, canal lining and structures, station 1144+00 to station 1591+66.15, Friant-Kern Canal, Friant Division, Central Valley Project, California. The work is situated about 18 miles east of Fresno.

The principal items of work and the estimated quantities involved are as follows:
(1) 1,570,000 cu. yds. excavation, common, for canal;
(2) 286,000 cu. yds. excavation, rock, for canal;
(3) 171,000 sta. cu. yds. overhaul;
(4) 170,000 cu. yds. compacting embankments;
(5) 28,000 cu. yds. excavation, common, for drainage channels and dikes;
(6) 12,000 cu. yds. excavation, rock, for drainage channels and dikes;
(7) 8000 cu. yds. excavation, common, for structures;
(8) 1750 cu. yds. excavation, rock, for structures;
(9) preparing 141,000 sq. yds. rock foundations for concrete lining;
(10) trimming 330,000 sq. yds. earth foundations for concrete lining;
(11) 6200 cu. yds. of backfill;
(12) 3300 cu. yds. compacting backfill;
(13) 200 sq. yds. dry-rock paving;
(14) 1775 cu. yds. concrete in structures;
(15) 22,600 c.y. reinf. conc. in canal lining;
(16) 22,600 c.y. unreinf. do;
(17) 1,170,000 lbs. placing reinf. bars in canal lining;
(18) placing 260,000 lbs reinf. bars;
(19) placing 760 sq. ft. elastic joint-filler material;
(20) placing 140 l.f. rubber water stops;
(21) erecting 283 M. bt. b.m. timber in structures;
(22) installing 2500 lbs. miscel. metal work;
(23) constructing 24 cattle guards;
(24) constructing 16 miles of barbed wire right-of-way fence;
(25) constructing two miles comb. barbed wire and woven wire right-of-way fence;
(26) removing 1800 l.f. existing pipe lines;
(27) laying 800 l.f. 2½- and 3-in. dia. iron pipe;
(28) laying 5800 l.f. 4-, 6-, and 12-in. diam. thin-wall steel pipe;
(29) laying 16 l.f. 18-in. diam. corru. metal pipe;
(30) installing 145 units of orchard outlets and stand pipes;
(31) constructing 17,000 l.f. underdrains with uncemented joints;
(32) constructing 12,500 l.f. feeder drains.

Total bids follow:
(A) Peter Kiewit Sons Co., S. F., $1,598,856.
(B) Arizona - Nevada Constructors, $1,652,805.
(C) Morrison-Knudsen Co., and M. H. Hasler, Los Angeles, $1,683,998.60.
(D) W. E. Kier Constr. Co., San Diego, and Bressi - Bevanda Constructors, Inc., $1,687,093.
(E) Shofner & Gordon & Hinman, Los Angeles, $1,789,195.
(F) Fredrickson & Watson Constr. Co., Oakland, $1,888,888.88.
(G) Geo. Pollock Co., Sacramento, $1,937.838.
(H) Grafe-Callahan Constr. Co., Los Angeles, $2,244,196.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$.28	$.33	$.26	$.32	$.37	$.44	$.48	$.405
(2)	.28	.33	.26	.32	.37	.44	.48	.405
(3)	.02	.03	.10	.02	.04	.025	.01	.015
(4)	.40	.20	.22	.20	.20	.22	.18	.30
(5)	.36	.42	.56	.55	.48	.52	.30	1.00
(6)	.36	.42	.56	.65	.48	.52	.30	1.50
(7)	1.90	1.30	2.50	2.00	4.00	1.85	2.50	2.26
(8)	1.90	1.30	2.50	2.00	4.00	1.85	2.50	3.48
(9)	.40	.48	.56	.50	.48	.52	.50	1.00
(10)	.40	.48	.56	.50	.48	.52	.50	1.00
(11)	.85	.60	.38	.50	.30	.72	.50	.50
(12)	3.40	2.00	2.60	3.00	1.60	2.60	1.00	3.54
(13)	10.00	10.00	5.60	7.00	6.00	5.80	5.00	7.30
(14)	60.00	40.00	51.50	50.00	40.00	57.00	50.00	50.00
(15)	11.25	11.50	13.00	11.25	11.85	11.00	10.00	13.50
(16)	11.00	11.50	13.00	11.75	12.00	11.00	10.00	13.50
(17)	.035	.025	.028	.025	.03	.036	.03	.03
(18)	.06	.02	.028	.05	.035	.036	.03	.05
(19)	.75	1.25	.90	1.00	1.00	.60	5.00	.80
(20)	1.45	.30	2.00	1.00	2.00	1.25	2.00	1.60
(21)	90.00	100.00	100.00	85.00	90.00	94.00	65.00	90.00
(22)	.35	.50	.25	.30	.20	.20	.10	.17
(23)	250.00	200.00	180.00	150.00	150.00	144.00	300.00	320.00
(24)	500.00	350.00	785.00	500.00	450.00	536.00	750.00	800.00
(25)	1000.00	400.00	900.00	700.00	700.00	648.69	1000.00	1100.00
(26)	1.75	2.25	2.25	2.50	1.50	1.70	3.00	2.20
(27)	1.75	1.10	1.15	1.00	1.00	.65	1.00	.76
(28)	2.00	2.00	1.80	1.50	1.70	.50	1.00	.77
(29)	3.00	3.00	3.25	3.00	5.00	1.25	3.00	3.00
(30)	85.00	20.00	22.50	15.00	15.00	6.00	50.00	33.00
(31)	1.20	1.50	1.50	1.25	2.10	1.50	3.00	1.59
(32)	.80	1.50	1.00	1.25	2.00	.85	3.00	1.63



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OAKLAND, CALIFORNIA

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS
Applications

SAN FRANCISCO

ALTER theatre, $24,000; Golden Gate Ave and Taylor St; owner, RKO Service Corp, New York; contractor, A J Hopper Co, 243 Langton.

ALTER roller skating rink, $17,500; 4175 Mission St; owner, W and M Street, Elk Grove, Cal.; contractor, not let.

DWELLINGS, three 2-story frame, $10,000 each; E 33rd Ave 50 S Judah; E 34th Ave 130 S Irving; W 35th Ave 175 S Irving; owner and builder, Henry Doelger, Bldr, Inc, 320 Judah St.

ALTER dwelling, $900; 30 Niagara; owner, Mrs Vawter, prem; contractor, E R Peterson, 30 Niagara.

ALTER two dwellings, $500 each; SW 43rd Ave and Cabrillo; West Diamond 120 S Arbor St; owner and contractor, W C Hanks, 932 Cabrillo St.

DWELLINGS, three 1-story frame, $5000 each; W 48th Ave 125, 150, 175 S Irving St; owner, Sala and Corbell, 823 Irving St; contractor, Corbell Realty Co, 823 Irving St.

DWELLING, 1-story frame, $5000; E Alemany Blvd 77.25 N Chester; owner and builder, Bryan Treadway, 1292 Turk St.

ALTER press shop, $5000; 39 Stockton St; owner, N Prosser, prem; contractor, R Beal Store Equipment Co, 3275 San Bruno Ave.

ALTER funeral home, $2500; NW Sutter and Pierce; owner, R and Ethel Schareteg, prem; contractor, J S Mallock, 666 Mission St.

ALTER apts, $2000; 707 46th Ave; owner, A Samuelson and J Francis, prem; contractor, A R Samuelson, 707 46th Ave.

ALTER warehouse, $1350; 501 Howard St; owner, B Blum, premises; contractor, American Fixture Co, 935 Howard St.

ALTER care-bar, $1350; 234 4th St; owner, John Santucci, et al, prem.

ALTER restaurant, $800; 400 Front; owner, R Hamilton, 2 Hernandez; contractor, R Beal Store Equipment Co, 3275 San Bruno Ave.

ALAMEDA

ALTERATIONS, $2800; 1416 Walnut; owner, Ed Heritage, 1523 Stanton; builder, Peter Sieber, 2200 Clinton.

RESIDENCE (1-story 5-room), $4500; 1411 Sherman St; owner and builder, C Rasmussen, 1316 100th Ave, Oakland.

OFFICE (1-story), $900; 2507 Santa Clara; owner and builder, Margaret Jussila, 2509 Santa Clara.

ALTER AND REPAIR, $1200; 2707 Buena Vista; owner, J W Bristow, 2707 Buena Vista; builder, Mastercraft Co, 842 4th Ave, Oakland.

ADD TO OFFICE, $2500; 2201 Clement Ave; owner and builder, J H Baxter & Co, 2201 Clement Ave.

ADDITION, $1000; 514 Central; owner and builder, Ralph Reel, 514 Central.

METAL SHED, $600; 1717 Park St; owner and builder, Louis Servente, 1717 Park St.

ADD TO STORE, $18,000; 1202 Chestnut St; owner, Larsen & Snow, 1202 Chestnut St; builder, Stolte, Inc, San Leandro.

ALTERATIONS, $550; 2045 Central; owner and builder, Myron Lee, 1221 Grand St.

TEMP. OFFICE, $600; 640 Central; owner and builder, Grey Construction Co, 1047 Santa Clara Ave.

ALTERATIONS, $1000; 889 Walnut; owner and builder, Leon Busselen, 889 Walnut.

ALTERATIONS, $2000; 444 Lincoln Ave; owner and builder, C R Welch, 444 Lincoln Ave.

ADD TO PERMIT No. 869, $2500; 1920 Broadway; owner and builder, E W Hollister, 1920 Broadway.

BUILDING PERMITS
Granted

SAN FRANCISCO

MARCH 4, 1946

CLASS C OFFICE BUILDING, $40,000; S side Mission St 35 E Main St; owner, California Wool Growers.

DWELLING (1-story frame), $6250; E 9th Ave 152 N Lawton St.

DWELLINGS (1-story frame) (2), $6000 each; W 44th Ave 100, 125 S Taraval; owner, MacArthur Building Co.

ALTER DWELLING, $500; 1739 17th Ave; owner, George Hall

DWELLINGS (1-story frame) (4), $5000 each; N Tioga 199, 184, 334, 339 W Alpha; owner, Wilder Co, Inc.

ALTER FLATS INTO APTS., $8500; 3669 20th St; owner, J Larretai.

ALTER BUILDING, $3000; 140-148 Clay St; owner, Golden Gate Sausage Factory.

DWELLING (1-story frame), $5500; N Randolph 75 E Head St; owner, Sterling Building Co.

DWELLING (1-story frame), $4000; E 27th Ave 25 S Quintara St; owner, Atlas Realty Co.

DWELLING (2-story frame), $8000; E side White St 157.6 N Vallejo; owner, W E Dawson.

ALTER TAVERN, $7500; 126 Ellis St; owner, Ralph Munson.

DWELLINGS (1-story frame), (5), $4000 each; E line 27th Ave 50, 75, 100, 125, 150 S Quintara St.; owner, Atlas Realty Co.

ALTER STORES AND OFFICES, $60,000; 245 California St; owner, George Hart.

HOME (1-story frame), $6000; E side 34th Ave 152.10 N Taraval; owner, Eric Dahlberg.

ALTER STORE, $1000; 186 Embarcadero St; owner, Sam's Sailor Store.

ALTER STORE, $600; 2757 Mission St; owner, E Mathes.

DWELLING (1½-story frame) $5400; E 43rd Ave 125 S Irving; owner, Sala & Corbell.

ALTER DWELLING, $1325; 1654 33rd Ave; owner, J Clark.

ALTER DWELLING, $3000; 91 Alpine Terrace; owner, M McPherson.

ALTER STORE, $900; 548 Brazil St; owner, Fernando Isola.

DWELLING (1-story frame), $5000; N side Thomas 50 W Ingalls; owners, E & L Murer and R & E Ganz.

DWELLINGS (1-story frame) (3), $5600 each; W side Arch St 163, 188, 213 S Garfield; owner, Frank J O'Neil.

ALTER FILM EXCHANGE, $5000; 140 Leavenworth; owner, National Screen Service.

ALTER RESIDENCE, $1300; 1555 9th Ave; owner, Leonard V Breanoff.

ALTER DWELLING, $2000; 1077 Vallejo St; owner, Maxine McElroy.

LOADING SHED (1-story frame), $10,000; N Palou 175 E Selby; owner, Dairy Belle Farms, Inc.

DWELLINGS (1-story frame) (3), $5000 each; E side San Jose Ave 80, 89, 105 S 25th St; owner, J A Johansen.

CLASS A STEEL FRAME BLDG., $7500; W side Harrison between 13th and 12th St; owners, Mr and Mrs L Schaffer.

STORES AND OFFICES (2-story frame), $40,000; SW corner 14th Ave and Geary St; owner, John B Coakley.

MILL CONSTRUCTION, $12,000; S side Oakdale 275 E Selby; owner, Dairy Belle Farms, Inc.

ALTER BUILDING, $2000; 236 Stewart St; owner, Liquid Carbonic Corp.

ALTER STORE, $1009 Market St; owner, Warfield Luggage Shop.

CLASS C COMMERCIAL BLDG., $125,000; SW corner Industrial and Oakdale; contractors, Harney, Haas & Rothschild; owner, Apparel City Corp.

CLASS B ADMINISTRATION BLDG, $250,000; E side Barneveld between Palou and Apparel; contractor, Harney, Haas & Rothschild; owner, Apparel City Corp.

CLASS C COMMERCIAL BLDG., $90,000; SE cor Palou and Barneveld; contractor, Harney, Haas & Rothschild; owner, Apparel City Corp.

CLASS C COMMERCIAL BLDG., $125,000; SW corner Palou and Apparel; contractor, Harney, Haas & Rothschild; owner, Apparel City Corp.

CLASS B SERVICE BLDG., $50,000; E side Barneveld and Apparel; contractor, Harney, Haas & Rothschild; owner, Apparel City Corp.

CLASS C COMMERCIAL BLDG., $185,000; SE corner Oakdale and Barneveld; contractor, Harney, Haas & Rothschild; owner, Apparel City Corp.

CLASS A AUDITORIUM, $130,000; E side Barneveld between Palou and Apparel; contractor, Harney, Haas & Rothschild; owner, Apparel City Corp.

CLASS C COMMERCIAL BLDG., $150,000; W Barneveld 240 N Inductrial; contractor, Harney, Haas & Rothschild; owner, Apparel City Corp.

CLASS C COMMERCIAL BLDG., $200,000; N Industrial 120 W Barneveld; contractor, Harney, Haas & Rothschild; owner, Apparel City Corp.

OAKLAND

STORE bldg, 1-story concrete, $65,000; 288 14th St; owner, M R Fairman, 404 Bank of America Bldg; contractor, Beckett & Federighi, 1441 Franklin St; engineers, J Y Long Co, Easton Bldg.

STORE bldg, 1-story concrete, $20,000; 4351 E 14th St; owner, L G Galyan, premises; contractor, J P Owens, 2009 Shattuck Ave, Berkeley; engineers, J Y Long Co, Easton Bldg.

DWELLINGS, two 1-story six-room, $9000 each; 4103 Whittle Ave, 2238 Tiffin Road; owner, E M Netherby 3853 Lyman Road; contractor, W L Netherby, 3853 Lyman Road.

DWELLING, 1-story 6-room, $8,000; 2219 106th Ave; owner, G Marston, 16 Dutton Ave, San Leandro; contractor, D G Osincup, 1065 Victoria Ave, San Leandro.

APARTMENTS, two-story 16-room, $23,000; 1018 Stanford Ave; owner, A Pencovic, 1061 Stanford Ave; contractor, J W Gaba, 1416 Cottage St, Alameda.

ALTER, $1600; 5824 Foothill Blvd; owner, John Heller, prem; contractor, Pioneer Bldrs, 516 San Pablo Ave, Albany.

DUPLEX, 2-story 10-room, $11,000; 2701-03 Barry Place; owner and builder, Sol Schermann, 3805 Foothill Blvd; garage, 1-story, $1500.

REPAIRS, $1150; 6234 Camden St; owner, Mr Colosama, prem; contractor, Albany Block & Cement Works, 720 East Shore Highway, Albany.

REPAIRS, $1000; 1840 9th Avenue; owner, Miss M McGregor, prem; contractor, Albany Block & Cement Works, 720 East Shore Highway, Albany.

STORE, 1-story concrete, $10,000; 7515 E 14th St; owner, H Davis, 3065 62nd Ave; owner, Shale Ortzow, 1511 Jackson St.

ALTER, $500; 3023 High St; owner and contractor, A A Ingraca, prem.

ALTER, $1600; 9431 E 14th Street; owner, W J Preston, prem; contractor, Fred S. Maia, 3932 Altamont Ave.

DWELLING, 1-story 7-room, $8500; 4164 Wilshire Blvd; owner, Don McNeilly, 6501 Pineneedle Road; contractor, J H Fitzmaurice, 2857 Hannah St.

ADDITION, $2000; 288 Whitmore St; owner, Pacific Heat & Vent Co, premises; contractor, Christensen & Lyons, 3454 Harlan St; architect, Alben Froberg, 3454 Harlan.

DWELLING, 1-story 5-room, $6,000; 2605 Carmel Street; owner and builder, Melvin C Shaw, 3821 Park Blvd.

ADDN and Alter, $840; 4608 Market St; owner, Frank Morando, 4600 Market St; contractor, J P Silva, 870 46th St.

ALTER, $6000; 1010 Washington St; owner, Cherry Co, premises; contractor, Henry Brown, 1387 East 22nd St.

ADDITION, 1-story brick, $15,000; 1001 81st Ave; owner, Peter Paul Candy Co. premises; contractor, John F Tulloch, 3428 Ettie St.

ADDITION, 1-story brick, $15,000; 8144 E 14th St; owner, Al and Bill's Service Station, prem contractor, John F Tulloch, 3428 Ettie St.

ALTER and repair, $2500; 430-432 13th St; owner, Freeman & .... 434 13th St; contractor, United Studios, 4139 MacArthur Blvd.

GARAGE, one-story concrete, $500; 3266 Fruitvale Ave; owner, H G Totten, 1074 4th St, Emeryville; contractor, H G Parsons, 751 Lincoln Ave, Alameda.

SAN BRUNO

STORES, wood frame, $25,000; 485-7 San Mateo Ave; owner and builder, Frank Poirier, 443 San Mateo Avenue.

DWELLING, 1-story 5room, $5500; 781 Fourth Ave; owner and builder, Paul T Smith, 781 Fourth Ave.

DALY CITY

ADD two rooms to dwelling, $1361; Lot 17 Blk 3, Tract V G No 1; owner, N A Sutter, 59 Miriam Street; contractor, Wm D Winland, 171 Los Olivos Ave.

SAN JOSE

RESIDENCE, 5-room, $6500; 701 Harrison St; owner and builder, J R Wilson.

RESIDENCES, four, 1-family, $6,000 each; 498, 488, 501, 460 Vermont owner and builder, Thos L Mitchell & Co, 97 E Santa Clara.

WAREHOUSE, $7000; 721 Stockton Ave; owner, Frank Volta, 721 Stockton; contractor, Lew Jones Constr Co, 965 Terra Bella Ave.

RESIDENCE, 1-family, $7000; 1295 Davis St; owner and builder, H A Kreinkamp.

REMODEL restaurant, $5800; 163 W Santa Clara; owner, Russell Long, 163 W Santa Clara; contractor, E A Hathaway, 1275 Glen Eyrie Ave.

STORAGE shed, $2000; 820 Sunol St; owner and builder, C E Reed, prem.

RESIDENCE, 2-family, and store bldg, $10,000; 9 S 19th St; owner and builder, G Leone, premises.

RESIDENCE, 1-family, $5500; 109 N 35th St; owner and builder, G G Locke, premises.

BUILDING CONTRACTS

ALAMEDA COUNTY

PLUMBING
HESSE HALL, U of C Campus, Berkeley.
Owner—Regent of the University of California.
Contractor—Chas Thumm Company of California, 145 Natoma Street, San Francisco.
Filed, March 4, 1946; Dated, ...
Upon completion 75%
Usual 35 days after 25%
TOTAL COST, $5,727

Bonds, (2) $3,000 each; Sureties, Seaboard Surety Co.; Forfeit $50 per day; Limit, 10 calendar days; Plans and specifications filed.

Plumbing Permits

OAKLAND

3241 Logan St; owner, Swanholt; dealer, Paddy Bruno; 4 fixtures.

105th Ave and Pearmain; owner, Western Constr Co; dealer, Paddy Bruno; 5 fix; 3 G O.

5000 E 14th St; owner, Atlas Roofing Co; dealer, C Roland; 1 G O.

3415 High St; owner, St Lawrence Church; dealer, T L Morrill; 1 fix.

2304 9th Ave; owner, Cahil; dealer, T L Morrill; 1 fixture.

292 26th St; owner, A A Schwaz; dealer, J Tancredy; 19 fixtures; 3 G. O.

4278 Detroit Ave; owner, Visher; dealer, Earl Lawless; 2 fixtures.

2140 90th Ave; owner, Jack Reno; dealer, Earl Lawless; 12 fixtures; 12 G O.

1426 Wellington; owner, Edwards; dealer, Earl Lawless; 3 G O.

693 Spruce; owner, Hudson; dealer, Tom Lynch; 4 fixtures; 2 G O.

98th and E 14th St; owner. Tambo Cafe; dealer, J Silvera; 12 fixtures; 3 G O.

715 40th St; owner, Western Loan & Bldg Co; dealer, B A Powers; 1 fixture.

1918 Hoover St; owner, Johnson; dealer, Wm Christie; 6 fixtures; 3 G O.

2028 Livingston; owner, Associated Packing Co; dealer, ...; 4 flx.

2408-12-34 MacArthur Blvd; owner, Moody Bros Motel; dealer, J Tancredy; 133 fix; 42 G O.

Furnace Permits

OAKLAND

9839 D St; owner, P Paserini; dealer, Geo Campbell; floor furnace.

2591 Truman; owner, Walker Const Co; dealer, Atlas Htg & Vent Co; floor furnace.

149 Franklin Street; owner, Royal Prints; dealer, Atlas Htg and Vent Co; central furnace.

931 Leo Way; owner, Newcomb; dealer, Atlas Htg & Vent Co; central furnace.

Completion Notices

SAN FRANCISCO

Recorded Accepted

Mar. 1, 1946—Beginning 500 E Baden and 75 S Monterey Blvd E 50 S 19.405 SW 56.216 N 45.102 ptn Lots 47 and 48, Block 44, Sunnyside. Sig J Olafsson to whom it may concern.......... ....Mar. 1, 1946

Mar. 1, 1946—Beginning 450 E Baden and 75 S Monterey Blvd E 25 S 57.950 SW 28.108 N 70.799 ptn Lots 34 and 39, Block 44, Sunnyside. Sig J Olafsson to whom it may concern..........Mar. 1, 1946

Mar. 4, 1946—NW 26th Ave and Clement. owner Geo J and Solange Weiss to S R Schmidt..Mar. 2, 1946

Mar. 1, 1946—Installation concrete pavements 15th between W Rhode Island and E Carolina. Southern Pacific Co to Fay Improvement Co..........Feb. 26, 1946

ALAMEDA COUNTY

Recorded Accepted

March 5, 1946—531 DOWLING Blvd San Leandro. Zeke Robello to Fred Lackstrom..........March 1, 1946

March 5, 1946—SE COR 26th and West Sts, Oakland. David D Howe to A C Wieben....Feb 15, 1946

March 5, 1946—LOT 9 Blk Y, map Toler Heights, Oakland. Wm P Lewis to J F Perry......Feb 28, 1946

Mar 5, 1946—6400 E 14th STREET Oakland. Peter Von Ah to whom it may concern..........February 28, 1946

March 4, 1946—7529-7531 E 14th ST Oakland. Chas Koojoolian to J A Ganley..........February 28, 1946

SAN MATEO COUNTY

Recorded Accepted

Feb. 25, 1946—Ptn Block 6 in Range D, Town of Mezesville. Woodrow W Birchfield to whom it may concern..........Feb. 25, 1946

Feb. 25, 1946—Lot 4, Block 3, Burlingame Village, Burlingame. John W and Ruth J Marshall to John L Steiner..........Feb. 15, 1946

Feb. 25, 1946—Lots 66 and 67, Block 12, San Bruno Park 4th Addition. John L Steiner to whom it may concern..........Feb. 15, 1946

Feb. 25, 1946—Lot 2, Block 22, San Mateo Terrace Map No 7, San Mateo. Andrew J Gawley to self ....Feb. 19, 1946

Feb. 26, 1946—Northeasterly half of Lot 1, Block 31, less the northwesterly 36.28 ft resubdivision ptn, San Carlos. Wm B and Grace T M White to Cecil Ball..........Feb. 26, 1946

Feb. 26, 1946—1453 5th Ave, Lots 35 and 36, Block 2, Bayview Heights, Belmont. Louis S Morton to Baker & Morton..........Feb. 23, 1946

Feb. 26, 1946—Guest house located on ptn of Lot P on Selby Tract, 520.6 ft from NE Selby Lane, Tuscaloosa Ave, Atherton. S J Varnhagen to Peninsula Pacific Construction Co..........Feb. 14, 1946

Feb. 26, 1946—Easterly ptns of Lots 9 and 10, Block 8, Lenoit, Redwood City. Cecelia M Weiner to Harry H Weiner..........Feb. 26, 1946

Feb. 27, 1946—Lot 27, Block 2, Bell Tract, Beresford. V Lyle Fike and Naomi F Fike to Peninsula Home Builders..........Feb. 25, 1946

Feb. 27, 1946—Lot 27, Block 18, Baywood, San Mateo. Gunnar Klint to self..........Feb. 27, 1946

Feb. 27, 1946—Ptn Villa Lot 19, Town of Mezesville, Redwood City. Leonard Realty Co to whom it may concern..........Feb. 27, 1946

Feb. 27, 1946—Northwesterly 40 ft Lot 13, Block 13, Oak Park, San Carlos; southeasterly 40 ft Lot 13, Block 13, Oak Park, San Carlos. Leonard Realty Co to whom it may concern..........Feb. 27, 1946

Feb. 28, 1946—Lot 14, Block 46, Redwood Highlands. Rufus L and Mabel Kemp to whom it may concern..........Feb. 28, 1946

Feb. 28, 1946—Lots 16 and 17, Block 17, Lyon & Hoag Subdivision, San Carlos. R F Jose to Gould Construction Co..........Feb. 26, 1946

Feb. 28, 1946—Northeasterly 40.59 ft front and rear of Lot 10, Block 20, White Oaks Tract Subdivision 3, San Carlos. Renato and Fernanda Alessandri to selves..........Feb. 26, 1946

Feb. 28, 1946—Lot 17 and ptn of Lot 18, Block 5, White Oaks, San Carlos. H D Murphy to P J Murphy..........Feb. 27, 1946

Feb. 28, 1946—Lot 4, Block 3, Map of Knapp Resubdivision of ptn of Lots 38 and 41 of Subdivision of Lots 1, 2, 19, 21, Beresford Park Tract. Aileen A and Kathleen Birney to J C Eilers.....Feb. 20, 1946

Mar. 2, 1946—Lot 219, Southwood No 3. American Homes Development Co to G W Williams Co.......... ....Feb. 19, 1946

Mar. 2, 1946—Lot 14, Block 7; Lot 8, Block 8; Lot 1, Block 9, Paradise Valley. Sunnydale Homes, Inc, to Barrett & Hilp..........Mar. 1, 1946

Mar. 2, 1946—Lot 10, Block 6, Menlo Oaks. Edmund M Doyle, etc, to Mark Ingraham..........Feb. 28, 1946

Mar. 1, 1946—Lots 1 and 2 and northerly 3 ft, front and rear, of Lot 3, Block 9, Revised Map Salada Beach. Ray T Higgins to Frank Gittings..........Mar. 1, 1946

Mar. 1, 1946—Lot 91, College Park, San Mateo. Thomas J Martin to self..........Feb. 28, 1946

Mar. 1, 1946—Ptn Lot 7, Block 9, Subdivision of Menlo Oaks. Paul W and Rowena Abbott Black to Paul W Black..........Feb. 25, 1946

Liens Filed

ALAMEDA COUNTY

March 5, 1946—2640-42-44 ACTON St, Berkeley. John F White vs Ruth Stubblefield and Leonard Groves $210.00

Electrical Permits

SAN FRANCISCO

9377 2340 Polk St; owner, Phil's; contractor. Bertrand Elec; ....

9378 599 Divisadero; owner, P Biago; contractor, O'Keeffe, The Fan Man; 3 outlets; motors.

9379 787 Broadway; owner, Xochimelco; contractor, Chas Yick; 2 outlets.

9380 347 Grant Ave; owner, Ino; contractor, Chas Yick; 4 outlets.

9381 122 Battery St; owner, Geo C Boardman; contractor, Kuchel and Slevers Elec Works; 5 outlets; motors; 2 plugs.

9382 447 Minna St; owner, Novelty Prtg Co; contractor, Smith Elec; service; motors.

9383 291-291A Union Street; owner, Slate; contractor, Rodiack Elec Constr Co; ....

9384 73 Leland Ave; owner, L Leonetti; contractor, Rodiack Elec Constr Co; 5 outlets; 6 plugs; motors.

9385 4637 Mission; owner, Ideal Restaurant; contractor, Rodiack El Constr Co; 2 plugs.

9386 573 Mission; owner, ...; contractor, Casey Elec; 10 outlets.

9387 1257 aMrket St; owner, Appliance & Radio Store; contractor, Casey Elec; 10 outlets; 2 switches; 10 plugs.

9388 1806 Sutter St; owner, Morino Bros; contractor, Byington Elec; motors.

9389 W Jones St Cor S Turk St; owner, Polter; contractor, Byington Elec; 1 outlet; 1 switch.

9390 133 7th St; owner, Johnson; contractor, Byington Elec; ....

9391 1718 Polk St; owner, ...; contractor, Byington Elec Co; 1 pl; motors.

9392 19 Sutter; owner, King Cole Cafe; contractor, Byington Electric; ....

9393 1840 Fillmore; owner, Johnson; contractor, Byington Electric; alterations.

9394 4030 21st St; owner, Martinez; contractor, Byington Electric; ....

9395 133 Powell; owner, Walters; contractor, Byington Elec; 4 outlets; 6 plugs; alterations.

9396 932 Valencia St; owner, A Gregory; contractor, J K Herzog El Co; ....

9397 32 Beale St; owner, E F Lane & Son; contractor, Dover Elec Co; motors.

9398 1175 Market St; owner, Crystal Palace Market; contractor, Dover Elec Co; motors.

9399 1700 Market Street; owner, Hub Pharmacy; contractor, Atlas Elec & Engrg Co; 35 outlets; 8 pl; alterations.

9400 700 Geary St; owner, Trader; contractor, Galvin Bros; 6 plugs.

9401 215 Wawona; owner, H Papenhausen; contractor, Galvin Bros; 8 plugs.

9402 245 California Street; owner, Hart; contractor, Galvin Bros; 43 outlets; 20 switches; 33 plugs.

9403-3-5 233-7-9 California St; owner, Hart; contractor, Galvin Bros 19 outlets; 15 plugs.

9406 4947 3rd St; owner, Peterson Furn Co; contractor, Columbia Elec Co; 3 outlets.

9407 863 Harrison; owner, Triple A Mach Co; contractor, Marine Elec Co; motors.

9408 55 Sacramento; owner, Shiren Co; contractor, Arc Elec Co; ....

9409 1634 38th Ave; owner, Lindsay; contractor, Arc Elec Co; 10 outlets; 10 switches; 8 plugs.

9410-11 765-755 De Lano; owner, F C Frank; contractor, Arc Elec Co; 12 outlets; 10 switches; 8 plugs.

9412 96 Seminole St; owner, F C Frank; contractor, Arc Elec Co; 12 outlets; 10 switches; 8 plugs.

9413-15 2315-11-07 38th Avenue; owner, Thorinson; contractor, Arc Elec Co; 12 outlets; 10 switches; 8 plugs.

9616-18 2701-21-27 Santiago St; owner, Thorinson; contractor, Arc Elec Co; 12 outlets; 10 switches; 8 plugs.

9419-20 9-11;-7 Arnold St; owner, Berwich; contractor, Arc Elec Co; 14 outlets; 14 switches; 10 plugs.

9421-2 379 - 375 Vernon; owner, Dahlstrom; contractor, Arc Electric Co; 8 outlets; 8 switches; 8 plugs.

9423 544 2nd St; owner, John H Schwarz; contractor, Ets-Hokin & Galvan; service; motors.

9424-30 Various locations and owners; contractor, Neon Mtg Corp; signs.

9431 3931 Geary; owner, Gillon Lumber Co; contractor, Electrical Products Corp; sign.

OAKLAND

35905 5825 Telegraph Ave; owner, Shipmates; contractor, Paramount Electric; alterations.

35906 2265 38th Ave; owner, 38th Ave Market; contractor, Paramount Electric; alterations.

35907 10491 MacArthur Blvd; contractor, Paramount Electric; outlets; switches; fixtures; plugs.

35908 6024 Broadway; owner, C H Smith; contractor, Paramount Electric; alterations.

35909 foot of Broadway; owner, T Bone Restaurant; contractor, Paramount Electric; alterations.

35910 6880 Saroni Dr; owner, R Rust; contractor, Paramount Electric Co; outlets; switches; fixtures; plugs.

35911 281 Santa Clara; owner, Church; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

35912 1451 32nd St; owner, Atlas Heat & Vent; contractor, Clifford Electric; alterations.

35913 2000 Bywood; owner, Beery; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35914 117 E 12th St; owner, Valley Medlyn's; contractor, Clifford Electric; sign.

35915 E side 94th Ave 100 N Sunnyside; owner, Jack Reno; contractor, Clifford Electric Co; outlets; switches; fixtures; plugs; alterations.

35916 3905 Broadway; owner Breckenridge Florist; contractor, Spott Electrical; motors.

35917 512 16th St; owner, East Bay Municipal Utility District; contractor, Spott Electrical; fixtures.

35918 2402 99th Ave; owner, A Casqueiro; contractor, R F Long; 10 outlets; 10 switches; 10 fixtures; 15 plugs.

35919 1860 7th St; owner, Noble Co; contractor, Vincent Electric Motor; 8 motors.

35920 SW corner 22nd and Cypress Sts; owner, Haas Construction Co; contractor, T L Rosenberg; service.

35921 1501 37th Ave; owner, Frank L Pollard Co; contractor, T L Rosenberg Co; outlets; switches; fixtures; plugs

35922 3810 Foothill; owner, Gateway Cleaners; contractor, T L Rosenberg; branch circuits.

35923 3rd and Jackson Sts; owner, W P Fuller Co; contractor, T L Rosenberg Co; 4 outlets; 4 fixtures; 3 plugs.

35924 324 14th St; owner, Marne Cafe; contractor, Manning & Whitaker; sign.

35925 747 7th St; owner, Old Mexico; contractor, Manning & Whitaker; sign.

35926 5545 Telegraph Ave; owner, Cuneo Market; contractor, Manning & Whitaker; sign.

35927 3002 Market St; owner, Star Market; contractor, Manning & Whitaker; sign.

35928 1671 8th St; owner, Chester Market; contractor, Manning & Whitaker; sign.

35929 1555 Alice St; owner, Greenwood & Towley; contractor, California Electric; motors.

35930 518 17th St; owner, Continental Detective Agency; contractor, Scott-Buttner Electric; 3 switches; 4 fixtures; 5 plugs; alterations.

35931 2001 Livingston St; owner, Gamerston & Green; contractor, T L Rosenberg; 4 outlets; 4 fixtures; plugs; motors; alterations.

35932 6349 MacArthur Blvd; owner, John M Benson; contractor, Fox Electrical; 1 switch; motors.

35933 5856 Foothill Blvd; owner, Barnett Cleaning Co; contractor, Fox Electrical; 1 fixture; 1 motor.

35934 2546 73rd Ave; owner, Bill Anderson; contractor, Fox Electrical; outlets; switches; fixtures.

35935 S side 4th and Washington Sts; owner, Baba Box Co; contractor, Vincent Electric Motor Co; motors.

35936 SE corner Mountain and Antioch; owner, Bergesen; contractor, Clifford Electric; 4 outlets; 3 switches; fixtures; 4 plugs.

35937 1515 Webster St; owner, Y W C A; contractor, C A Langlais; 10 fixtures.

35938 2328 Telegraph; owner, National Furniture; contractor, C A Langlais; outlets; switches; fixtures; plugs.

35939 4200 Broadway; owner, Fletcher & Markuart; contractor, C A Langlais; outlets; switches; fixtures; plugs; 1 motor.

35940 Railroad and Kennedy; owner, National Auto Fibres; contractor, Pacific Electric Motor; 33 fixtures.

35941 900 High St; owner, L A Young; contractor, Pacific Electric Motor; alterations.

35942 5601 San Leandro; owner, Continental Can Co; contractor, Pacific Electric Motor Co; motors.

35943 2960 Chapman; owner, Melrose Sheet Metal; contractor, Pacific Electric Motor; outlets; switches.

35944 813 Broadway; owner, Restaurant; contractor, Shea Electric; motors.

35945 2766 Ritchie St; owner, Covalt; contractor, Shea Electric; plugs.

35946 3551 Fruitvale; owner, J D Hutchison; contractor, special owner; outlets; switches; fixtures; plugs; alterations.

35947 5276 Redondo; owner, Ungaretti; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35948 SW corner 18th and Webster; owner, Lewis Construction Co; contractor, Paramount Electric Co; service.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Misc. Supplies & Materials 42
Machinery and Equipment 43

42— MISC. SUPPLIES AND MATERIALS

3/6/46 • 42
BIDS WANTED

COLORADO-BIG THOMPSON PROJECT, Colorado.—Until March 26, 2 P M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1215 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Sterling or Holyoke, Colo., as stated in the specifications, one (1) 6000-kv-a., 110,000 delta- to 39,840/69,000 Y-volt, 3-phase ,60-cycle, oil-immersed, self-cooled, outdoor type power transformers for Sterling substation, with 3 single-pole lightning arresters for 69,000-volt, grounded-neutral circuit mounted on the case; three (3) 833-kv-a., 66,000 delta- to 7200/12,470 Y-volt, single phase, 60-cycle, oil-immersed, self-cooled, outdoor type power transformers for Sterling substation, each with one single-pole lightning arrester for 69,000-volt, ungrounded-neutral circuit and one single-pole lightning arrester for 12,470-volt, grounded-neutral circuit, mounted on the case; three (3) 833-kv-a., 66,000 delta- to 7200/12470 Y-volt, single-phase, 60-cycle, oil-immersed, self-cooled, outdoor type power transformers for Holyoke substation, each with one single-pole lightning arrester for 69,000-volt, ungrounded-neutral circuit, and one single-pole lightning arrester for 12,470 - volt, grounded - neutral circuit, mounted on the case; one (1) 10-kv-a., 7200- to 120/240-volt, single-phase, 60-cycle, oil-immersed, self-cooled, outdoor type distribution transformer, with taps and two high-voltage cover bushings for Sterling substation; one (1) 5-kv.-a., 7200- to 120/240-volt, single-phase, 60-cycle, oil-immersed, self-cooled, outdoor type distribution transformer, with taps and two high-voltage cover bushings for Holyoke substation; three (3) single-pole, thyrite or autovalve, outdoor, station type lightning arresters, designed for base mounting and suitable for service on 115,000-volt, 3-phase, ungrounded - neutral circuits for Sterling substation; one (1) 300-kv-a., 12,470-volt, 3-phase, 60-cycle, oil - immersed, self - cooled, outdoor type, automatic step-voltage regulator for use with the transformer under item 2 for Sterling substation; one (1) 300-kv-a., 12,470-volt, 3-phase, 60 - cycle, oil - immersed, self - cooled, outdoor type, automatic step-voltage regulator for use with the transformer under item 3 for Holyoke substation; one (1) 69,000-volt, 600-ampere, 3-pole, single-throw, outdoor type power circuit breaker with automatic reclosing equipment for Sterling substation; one (1) 15,000-volt, 600-ampere, 3-pole, single-throw, outdoor type power circuit breaker for Sterling substation; one (1) 15,000-volt, 600-ampere, 3-pole, single-throw, outdoor type power circuit breaker for Holyoke substation; one (1) 115,000-volt, 600-ampere, 3-pole, single-throw, manually-gang operated, outdoor type disconnecting switch with manually - gang operated grounding blades for Sterling substation; two (2) 69,000-volt, 600-ampere, 3-pole, single - throw, manually - gang operated, outdoor type disconnecting switches, one with manually - gang operated grounding blades for Sterling substation; one (1) 69,000-volt, 600 - ampere, 3 - pole, single - throw, manually-gang operated, outdoor type disconnecting switch with manually-gang-operated grounding blades for Holyoke substation; two (2) 15,000-volt, 400-ampere, 3-pole, single-throw, manually-gang operated, outdoor type disconnecting switches for Sterling substation; two (2) 15,000-volt, 400-ampere, 3-pole, single-throw, manually-gang operated, outdoor type disconnecting switches for Holyoke substation; six (6) 69,000-volt, 600-ampere, single-pole, single-throw, hook-operated, outdoor type disconnecting switches for Sterling substation; twelve (12) 15,000-volt, 400-ampere, single-pole, single-throw, hook-operated, outdoor type disconnecting switches for Sterling substation; twelve (12) 15,000-volt, 400-ampere, single-pole, single-throw, hook-operated, outdoor type disconnecting switches for Holyoke substation; three (3) 115,000 - volt, 200 - ampere, single-pole, hook-operated, outdoor type expulsion - fuse disconnecting switches for Sterling substation; three (3) 69,000-volt, 200-ampere, single-pole, hook-operated, outdoor type expulsion-fuse disconnecting switches for Sterling substation; three (3) 69,000-volt, 200-ampere, single-pole, hook operated, outdoor type, expulsion-fuse disconnecting switches for Holyoke substation; one (1) 15,000-volt, 200-ampere, single - pole, hook - operated, outdoor type, expulsion-fuse disconnecting switches for Holyoke substation; one (1) 15,000-volt, 200-ampere, single - pole, hook - operated, outdoor type, expulsion - fuse disconnecting switch for Sterling substation; one (1) 15,000-volt, 200-ampere, single-pole, hook-operated, outdoor type, expulsion-fuse disconnecting switch for Holyoke substation; three (3) 15,000-volt-insulated, 7200- to 120-volt, 60-cycle, oil-immersed, self-cooled, outdoor type potential transformers for Sterling substation; three (3) 15,000-volt-insulated, 7200- to 120-volt, 60-cycle, oil-immersed, self-cooled, outdoor type potential transformers for Holyoke substation; three (3) 15,000-volt-insulated, 150- to 5-ampere, 60-cycle, compound-filled, outdoor type current transformers for Sterling substation; three (3) 15,000-volt-insulated, 150- to 5-ampere, 60-cycle, compound-filled, outdoor type current transformers for Holyoke substation; one (1) 3-element, 3-phase, 4-wire, watt-hour, recording demand meter with 30-minute interval, mounted in a weatherproof cabinet for Sterling substation; three (3) induction type, overcurrent relays and one (1) induction-type, residual ground relay, mounted in the cabinet under item 30 for Sterling substation; three (3) alternating current ammeters with 0-150-ampere scale, mounted in the cabinet under item 30 for Sterling substation; one (1) 3-element, 3-phase, 4-wire, watt-hour, recording demand meter with 30-minute interval, mounted in a weatherproof cabinet for Holyoke substation; three (3) induction - type, overcurrent relays and one (1) induction-type, residual ground relay, mounted in the cabinet under item 33 for Holyoke substation; and three (3) alternating current ammeters with 0-150-ampere scale and mounted in the cabinet under item 33 for Holyoke substation. These substations are part of the Colorado-Big Thompson Project, Colorado. All of the apparatus will be installed by the government. No charge for copies of the specifications to prospective bona fide bidders; to others, $1.75, not returnable.

3/6/46 • 42
BIDS WANTED

PANAMA CANAL.—Until March 14 bids will be received by the General Purchasing Officer, The Panama Canal, Washington 25, D C., for woodworking machines: 1 shaper, 1 mortiser, 1 ripsaw, 1 variety saw, 4 woodturning lathes, 1 bandsaw, 1 hand jointers, 1 scroll saw, 1 disc sander, 1 belt sander, 1 hand router, 1 drill press, 1 oilstone grinder, 1 single surfacer, 1 knife grinder motor head; 6 metal-turning lathes; 2 drill presses; 2 bench grinders; 1 power-driven hacksaw; 1 shaper; 1 lot sheet-metal forming machines and tools; 1 electric valve shop; 1 portable hoist, 5000-lb.; 2 hydraulic jacks; 4 mechanic's tool toters; 1 battery charger; 2 automobile body jacks, 3-ton capacity; 8 sets wrenches; 1 brake service tool set; 1 set car tightening and battery service tools; 2 sets tappet wrenches; 2 gear pullers; 2 wheel hub pullers; 1 set motor tune-up wrenches; 2 piston ring removers; 2 piston ring compressors; 2 reamers; 2 valve grinders; 1 set body tools; 1 cylinder hone; 2 sets bushing removers; 1 arbor press; 1 battery tester; 2 battery fillers; 2 drain pans; 2 tire tube testers; 2 glass remover tools; 3 magnetic trimmers hammers; 2 blacksmith forges; 1 lot forging tools; 2 motor-driven drills; 1 motor-driven buffer; 1 portable belt type sander; 2 combination sander-buffers; 1 belt lacer; 2 glue heaters; 24 woodworkers vises; 1 spot welder; 1 air compressor; 1 corner ratchet brace; 24 nail hammers; 2 burnishers; 4 sets chisels; 48 C clamps; 12 saws; 24 knives; 24 handle wedges; 24 do; 2 wrecking bars; 3 spring oilers; 2 oil measures; 2 do; 6 stone points; 3 plug drills; 3 chisels; 18 bull points; 9 chisels; 12 star drills; 9 stone hammers; 6 masons hammers; 6 stone sledges; 12 stone hammers; 3 splitting wedge; 3 do: 2 sets screw extractors; 4 sets basket punches; 3 sets pin punches; 6 tile-setters hammers; 6 tile-setters scribers; 6 bricklayers hammers; 1 mitre machine; 1 indicator; 2 tap and drill gauges; 4 trammel points; 6 outside calipers; 18 calipers; 4 surface gauges; 2 thickness gauges; 1 screw pitch gauge; 1 set calipers; 2 sets micrometer calipers 2 caliper squares; 2 combination gauges; 1 metal punch; 1 set pipe stocks and dies; 2 looms; 3 weaving looms; 30 shuttles; 1 bobbin winder; 200 paper spools; 1 hand-operated letter press; 1 bookbinding unit; 36 boxwood scales; 4 metal bending jigs; 4 scroll benders; 12 shoe hammers; 4 riveters; 4 awl hafts; 4 drawing awls; 12 sewing awls; 6 doz. needles; 12 reels; 12 fids; 4 draw gauges; 12 sets tool sets; 3 gasoline fire pots; 2 block print presses; 9 chisels; 9 space markers; 6 stipplers; 24 tkiving knives; 6 incising knives; 6 edging tools; 2 slide projectors; 2 protection screens; 2 sewing machines; 2 spray guns; 2 air transformers and condensers; 1 concrete block forming machine; 1 platen press; 1 do; 1 proof press; 1 wood furniture cabinet; 2 type storage cabinets; 1 steel imposing table; 1 foot-operated wire stitcher; 1 paper cutter, and 1 lot printing equipment, including composing sticks, brass galleys, quoins, keys, mallets, tweezers, type gauges, etc.; Sch 8205.

3/6/46 • 42
BIDS WANTED

DENVER, Colo.—Until March 20, 2 P. M., bids will be received by the Department of the Interior, Bureau of Reclamation, Custom House, Denver 2, Colo., for furnishing electric equipment for Phoenix-Tucson transmission No. 2, f.o.b. shipping point or Phoenix, Ariz., Inv. 7240-A, as follows:

Schedule No. 1

(1) 200 universal pole bands complete;
(2) 300 guy clips with attachment bolts.

43— MACHINERY AND EQUIPMENT

3/6/46 • • 43
BIDS OPENED

BENICIA ARSENAL, Solano Co., Calif.—J. A. Bryant, 3170 28th Ave., San Francisco, at $12,015 submitted low bid to the U. S. Engineer Office, 74 New Montgomery Street, San Francisco, for roof leaders in the reclamation building, under Spec. No. 1908-2, at the Benicia Arsenal.

Stolte, Inc., Oakland, at $12,975 submitted only other bid.

3/5/46 43
BIDS WANTED

SHOSHONE PROJECT, Wyoming.—Until April 3, 2 P. M., bids will be received at the office of the Bureau of Reclamation, Denver, Colo., for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Cody, Wyo., at the option of the bidder, one 8300 h.p., 450 r.p.m., vertical shaft, single-runner, Francis-type hydraulic turbine; one oil-pressure gate-shaft type governor, and one 6000-kva., 2400-volt, 3-phase, 60-cycle, 83.3 per cent power factor, 450 r.p.m., vertical shaft, alternating current generator suitable for operation at an altitude of 4980 feet, complete with direct - connected exciter and thrust and guide bearings, all for the Heart Mountain power plant, Shoshone Project, Wyoming; Specification 1184. The apparatus will be installed by the government. The specifications do not contain a provision for liquidated damages for delay. No charge for copies of the specifications to prospective bona fide bidders; to others, $1.75, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colo.

3/6/46 • 43
BIDS WANTED

COLUMBIA BASIN PROJECT, Washington.—Until April 15, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1219 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Pasco, Wash., two vertical-shaft centrifugal pumps, each having a capacity of 63 cu. ft. per second at a pumping head of 167 ft.; and two vertical-shaft, 2200-volt, 1750 h.p. synchronous motors of suitable speed and design for direct connection to the above pumps, with individual field-control cubicles, for installation in the Pasco pumping plant, Columbia Basin Project, Washington. The pumps, motors and field-control cubicles will be installed by the government. No charge for copies of the specifications to prospective bona fide bidders; to others, $1.25, not returnable.

36/46 • 43
BIDS OPENED

SACRAMENTO, Calif.—The following submitted bids to the State Purchasing Agent, Sacramento, for equipment as follows:

QUO. 36967, REQ. 3811:

Edward F. Hale, Cleaver Brooks 3-car heater, $2610 each; 4-5 weeks' delivery; net.

Jenison Machinery Co., Bros SG41-T, $2568.58 each; alternate bid, Bros SG55-T, $3041.40 each; June 1, 1946; discount 2 per cent 30 days.

QUO. 36968, REQ. 3812:

Edward F. Hale, Cleaver Brooks No. 2, $4084; 4 to 5 weeks' delivery; net.

Jenison Machinery, Bros Model CA, 2-wheel type, $3569.34; May 1, 1946; discount 2 per cent 30 days.

QUO. 36970, REQ. 26265:

Edward F. Hale, Cleaver Brooks No. 2, $4084; item 2 for heater, $2492; 4 to 5 weeks delivery; net.

Jenison Machinery, Bros Model CA, 2-wheel type, $3568.31; for heater SF-41, $2403.21; alternate bid on heater SF-55, $2852.40; discount 2 per cent 30 days; June 1 delivery on heaters; May 1 on booster.

Classified Advertising

POSITION WANTED

EXPERIENCED SPECIFICATION TYPIST desires temporary work. Write or wire Lillian Price, 1977 Spruce St., Berkeley.
2/27-28, 3/1-4-5/46

POSITION WANTED

ESTIMATOR, not just a dope with a pencil, but a MAN WITH EXPERIENCE IN EVERYTHING a GENERAL CONTRACTOR CAN BUILD. I base my estimates on thorough, accurate, takeoff and conservative pricing; and SUBS who know and trust me. Am financially independent, therefore do not have to take chances with your money to hold job. Work for ETHICAL FIRM only. Always commanded top salary. HAVE AND CAN MANAGE MULTI-MILLION PROJECTS, or run your firm. Educated, cultured and traveled. Can meet top level people on equal terms. Expect salary compatible with work and responsibility. Have general contractor's license. Reply Box 228, c/o Daily Pacific Builder. to Mar. 6, '46

HELP WANTED

EXPERIENCED ENGINEER. Municipal experience preferred. Salary $300 per month. Apply at Personnel Department, Room 215, City Hall, City of Stockton, Stockton, California.
2/26-27-28, 3/1-4/46

QUANTITY SURVEY MAN for General Bldg. Construction. Must have initiative and good background. Permanent position. Salary open. A. Farnell Blair Co., Inc., 9 Main St., San Francisco. Phone YU. [illegible]

CALIFORNIA
STATE

1890 - 1946
Fifty-six
Years of
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Daily Pacific Builder

LARGEST CONSTRUCTION DAILY IN THE WEST

Complete
Building and
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Fifty-sixth Year—Vol. 56— No. 46 | SAN FRANCISCO, THURSDAY, MARCH 7, 1946 | PRICE 15 CENTS PER COPY

PLANS and Speculations

Sonoma: Construction of a new airport on the B. F. Keechler ranch, west of Sonoma, appeared to be a certainty today. Plans call for two runways about 200 feet wide and between 1500 and 2000 feet long. Ed Smith, former Army pilot, will manage the airport.

oOo

Oakland: Reports on technical and engineering studies for the solution of this city's sewage disposal project are expected to be ready for review by a board of engineers on April 15, John S. Longwell, chief engineer and general manager of the East Bay Municipal Utility district, has announced.

oOo

Hollister: The long - awaited building and expansion program for San Benito County high school and junior college is going ahead this Spring. Supt. A. S. Cakebread gave the go-ahead signal to architects and the planning will approach final stages next week. A total of $195,000 has been earmarked for the project.

oOo

Sacramento: Valley flood control seemed again indefinitely delayed as the issue once more became ensnarled in a maze of politics and conflicting ideas. Plans prepared by the Army engineers for a comprehensive flood control program have been approved by the legislature and authorized by Congress. But no appropriation bill is prepared for the federal legislative body. The Bureau of Reclamation is opposed to the Army plan and is proposing a plan of its own, but Rep. Clair Engle, in Washington, declared certain plans from both agencies are gathering dust on Gov. Warren's desk.

oOo

Chico: The library board is considering a $9,000 improvement plan for Chico Public Library. Changes include installation of new fluorescent lighting, heating equipment alterations, new book stacks, and other changes.

oOo

Crescent City: County planning commissioners, lead by E. F. Benedict, chairman, have okeyed the building of three parks. A master plan is being prepared by Floyd Puter, with provisions made for land use, roadside restricted areas, and residential restricted areas of the county.

oOo

GROOVER AND I

SAFETY CODE

Among the mail received by that guy Groover on a controversial subject is a letter written by Edgar N. Goldstine, Consulting Engineer. (As Groover insists upon "painting himself into a corner", I am going to leave him there until the floor dries or let him figure his own way out.)

★ ★ ★

The letter mentioned brings to mind that Goldstine is the Editor of "Construction Safety", the newsletter of the National Safety Council. **SAFETY ISN'T CONTROVERSIAL!**

★ ★ ★

There is nothing paying quite so high a dividend as the few moments required to exercise caution and be safe.

★ ★ ★

I was impressed by, and still remember, a "Safety" sign I saw years ago up in the Redwood country. The Pacific Lumber Company had a safety sign similar to the old railroad cross-arm sign, reading "Stop, Look and Listen", except this sign read: **"THINK FIRST, SAFETY ALWAYS".**

★ ★ ★

The problem of safety in the construction industry is especially important as it is one industry not yet subjected to a standardized operation — every job is slightly different from any other job.

★ ★ ★

Moses wrote the first safety law for the building industry about 3400 years ago — Deuteronomy, 22:8 — read it:

★ ★ ★

> **"When thou buildest a new house, then thou shalt make a battlement for thy roof, that thou bring not blood upon thine house, if any man fall from thence."**

Select 12 Sites For Study Of Flood Control

The Alternate Tributary Plan, possible substitute for flood control and storage on the Sacramento river at the Table Mountain or Iron Canyon sites, has been receiving continuous attention from the bureau of reclamation office at Redding, under direction of C. W. Burningham, project planning engineer.

As a result of preliminary studies of a selected group of twelve of the many possible sites on tributaries which enter the river between Shasta Dam and the mouth of Stony Creek, the Sacramento regional bureau office has now proposed that a basin-type project report be made on the plan during the fiscal year following June 1946.

Of the possible sites, the twelve which have been selected for study are: Hulen, Gallatin, Fiddlers, Millville, Tom Head, Paskenta, Whiskytown, Pain, Ingot, Diversion, Clay and Clough. Topographical surveys of seven of these dam sites and four reservoir sites have been completed, while a fifth reservoir study is underway. Preliminary geological mapping and a diamond drill program have been carried on for six of the dam sites, and geological investigations are being conducted at the remainder of the site in advance of the testing work.

Diamond drilling operations went on a two-shift schedule on January 23, according to James K. Carr, district engineer of the reclamation bureau at Chico.

#

REAL ESTATERS MEET THURSDAY IN WHITCOMB

National leaders of the real estate profession will be guests at the regular meeting of officers and directors of the Real Estate association of San Francisco, Thursday evening, Mar. 7, in the Whitcomb hotel, according to past president David F. Supple, treasurer of the local organization.

President Cleland O. Whitton is to officiate at the meeting, with heads of standing and special committees of the Real Estate association reporting on activities in urban development, property rehabilitation, new construction, and ways and means to provide adequate housing for returning war veterans and their families.

Surplus Steel Pontoons, Small Craft, Rubberized Suits Now On Sale Here

Large quantities of war surplus materials, adaptable to the building and construction industry, have been announced for sale by agencies of the government during the last few days. Included are steel pontoons, miscellaneous commercial and work boats, and rubberized life saving suits which have many uses.

Steel Pontoons For Sale

The steel pontoons, declared surplus by the Army Engineers, are being offered for sale by the U. S. Maritime Commission. Part of the 1800 pontoons are located at Lathrop, Calif., Oakland, and Billings, Mont. The rest are at Long Island, N. Y., Davisville, R. I., Jeffersonville, Ind., and Camp Gordon Johnson, Fla.

The pontoons are 5x5x7 feet, of 3/16-inch deck plate, fully braced and reinforced, and have a capacity of 1000 gallons. They sell for $45 each, f.o.b. location, and can be used for many purposes such as assembling in barges, floating docks, and as water or fuel storage tanks.

Permission to inspect may be obtained by writing the Materials Disposal Section, U. S. Maritime Commission, Washington 25, D. C. or the Maritime Commission's Settlement Section office, 14th and Franklin Streets, Oakland.

Work Boats For Sale

Sealed bids on 18 miscellaneous surplus commercial and work boats, four located on the Pacific Coast, will be opened in the Washington offices of the War Shipping Administration, Commerce building, on March 21.

The local craft consist of the 78 - foot self - propelled twin scow "James F. Mickenna", located in the Oakland Estuary, the 51-foot motorboat "Streamline" at Bellevue, Wash., the 55-foot fishing vessel Defender", and the 164-foot stern paddle wheel freight boat "Skagit Belle" at Seattle. The rest are in the East, Gulf and Great Lakes ports. The vessels range from 44 to 164 feet in length and include fishing boats, tugs, freighters, motorboats, and a freight passenger vessel.

West Coast bidders may obtain copies of the invitation to bid from the Director, Division of Small Vessel Procurement and Disposal, Commerce Building, Washington 25, D. C.; Ass't Deputy Administrator for the Pacific Area, 220 Bush street, San Francisco; Acting Director, North Pacific Division, 1488 Dexter Horton building, Seattle; and Port Representative, 601 Porter building, Portland, Oregon.

Rubberized Life Saving Suits

Want to buy a new rubberized life saving suit? The United States Maritime Commission has a couple of hundred of the suits for sale at a bargain price of $15 each. If you buy 12 or more of the suits the cost will be cut 40 per cent.

Interested purchasers may inspect the suits at Room 203, Financial building in Oakland, or Rm. 998, Mills building, San Francisco.

The suits are completely waterproof and include built-in rubber boots and gloves. The material is lightweight cotton duck rubberized on one side. While originally intended to afford waterproof protection to passengers of torpedoed ships, they can be worn for working out of doors and should find favor with sportsmen and outdoor workers. The suits are designed to fit any adult except exceptionally small persons.

Did You Know That . . .

J. H. Fitzmaurice, eastbay concrete and asphalt contractor, has announced the association of his two sons in the business. Robert Fitzmaurice, formerly of the engineering staff of the Standard Oil Company and recently returned from a far eastern project, is now the estimating engineer. John H. Fitzmaurice, Jr., just discharged from the U. S. Marine Corps after lengthy duty in the Pacific, is superintendent of construction.

—0—

Architect Harry J. Devine is moving into new offices at 1012 "J" street, Sacramento. The telephone number is Sacramento 3-8725.

—0—

Architect Philip D. Tomasello, Room 304, 605 Washington street, San Francisco, has a new 'phone number—YUkon 1030.

—0—

Engineer Charles T. Broughton has moved his offices from the Bank Building to 425 Grand Avenue, South San Francisco.

Slum Clearance Chamber Objective To Speed Building

Clearance of slum dwellings from San Francisco areas destined for industrial and commercial development is the object of action taken by the San Francisco Chamber of Commerce Board of Directors, it was announced today.

This action results from a recommendation by the Sites and Buildings section of the Chamber's Industrial department.

The Chamber advocates an agreement between the San Francisco Housing Authority and the Board of Supervisors whereby funds made available by the Authority shall be used as a revolving fund for slum clearing purposes.

According to J. F. Barrett, chairman of the Sites and Buildings section, "The Housing Authority is not required to pay taxes on its housing properties. However, provisions are made for the payment of certain portions of its income from rents to the city. These payments for the past year will aggregate $403,810.94. Of this total amount $238,145 are 'mandatory' payments to be made on war housing properties, and $13,691are 2½ per cent of the shelter rent on permanent public projects, leaving $151,974 as a 'voluntary' payment which the Authority proposes to make to the city but which it could use for bond redemption or other purposes."

Under the proposed agreement between the Authority and the Supervisors, the Supervisors would return the $151,974 to the Authority to acquire slum properties by condemnation, clear them and then sell them by competitive bid. By this procedure an attempt would be made to increase areas in appropriate districts of the city available for industrial purposes.

In his report to the Chamber Board, Barrett said, "Your Sites and Buildings section is vitally concerned over the availability of factory sites in San Francisco and is engaged in a number of activities to counteract the increasing use of San Francisco real estate for non-productive purposes. Anything which will tend to make more land available for commercial and industrial use merits the most careful consideration."

It is understood that the funds which are to be used have accumulated because of the occupancy of public housing by comparatively high - income families during the war, resulting in profitable rentals rather than the need of subsidies, and that any reduction in slum dwellings will be more than offset by plans of the Housing Authority for new dwellings in San Francisco.

Craftsmen Wanted For Civil Service Jobs Overseas

A recruiting drive is being conducted by the Army Engineers for construction workers to be employed on the Tripler General Hospital project in Honolulu, T. H.

Present needs include carpenters, electricians, plumbers and steamfitters. Journeymen mechanics are also acceptable at the present time.

A medical examination and proof of citizenship will be required of all applicants. Passage will be furnished from San Francisco and return after completion of the year's contract.

Army - style living accommodations are provided at the site of construction at nominal rates and recreational facilities are readily available. Among other Civil Service benefits employees are credited with annual leave at the rate of two and one-half days per month.

Additional information and applications may be obtained by contracting Edw. M. O'Toole, Overseas Branch, U. S. Engineer office, 74 New Montgomery street, San Francisco (YUkon 0667).

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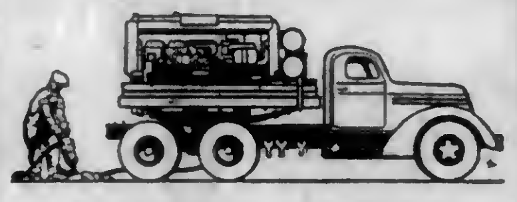

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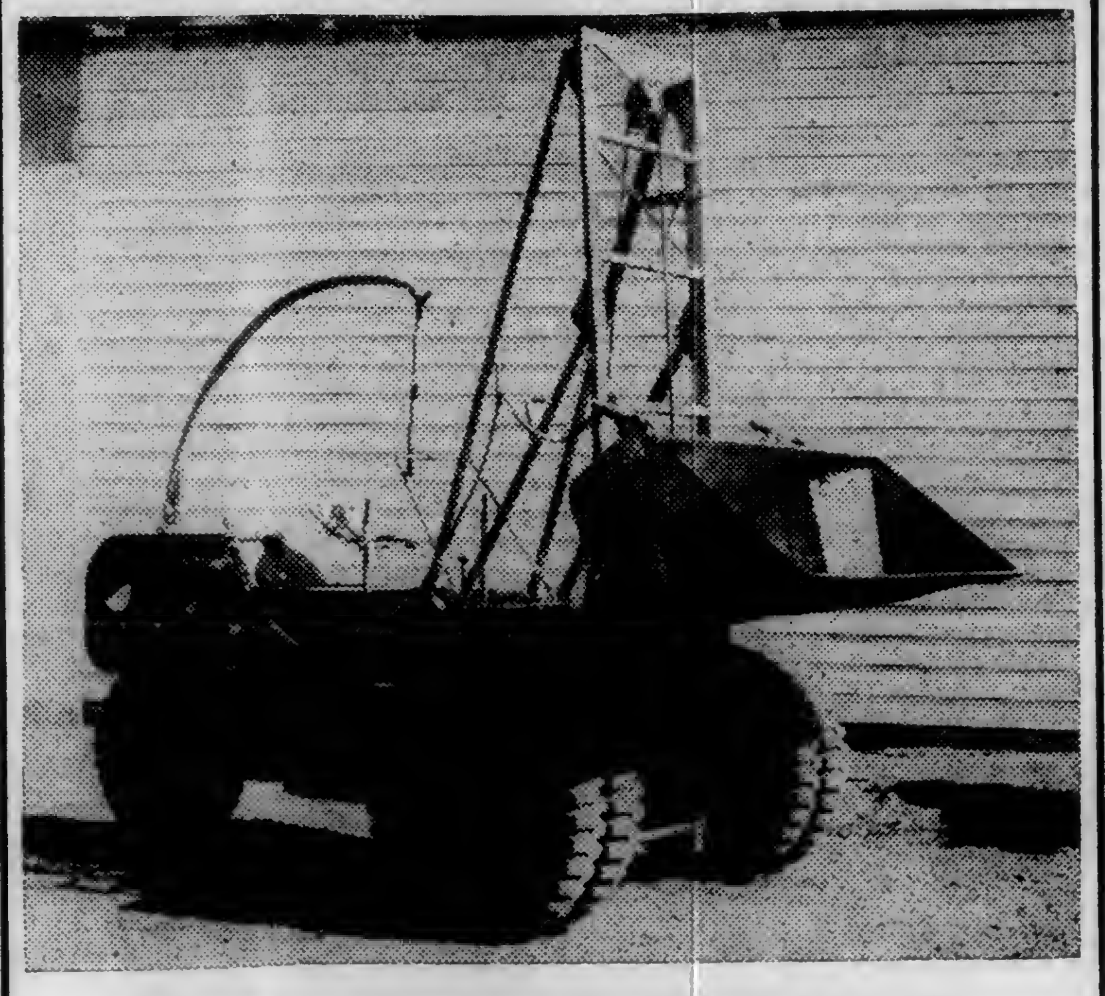

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ADVANCE CONSTRUCTION REPORTS

DAILY PACIFIC BUILDER

(Established 1890)

Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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1-8—COMMERCIAL BLDGS.

3/7/46 • 4
PLANNED
OFFICE BLDG. Est. Cost, $30,000
SAN MATEO, San Mateo County, Calif. Ramona St.
Construction of 1-story office building.
Owner—C. E. Needham, 850 Menlo Oaks Dr., Menlo Park.

3/7/46 • 4
PLANNED
OFFICE AND STORE BUILDING
SAN MATEO, San Mateo County, Calif. Ramona St.
Construction of two-story office and store building.
Owner and Builder—W. F. Klay, Deckeroak Bldg. ,Palo Alto.

3/7/46 • • 2
ARCHITECT SELECTED
SUBSURFACE GARAGE Cost, $750,000
SAN FRANCISCO. St. Mary's Square California and Pine Sts. between Grand Avenue and Kearny Street.
Construction of two- or three-story subsurface public garage under St. Mary's Square.
Owner—Howard J. Mallen, 1926 Jefferson Street.
Architects—Blanchard & Maher, 369 Pine Street.

3/7/46 3
CONTRACT AWARDED

LOS ANGELES, Calif.—The Austin Co., A. E. Schmidt, engineer, 777 E. Washington Blvd., Los Angeles, is preparing working plans and have the contract to erect a warehouse and office building at 900 N. Cahuenga Blvd., Los Angeles, for the Upjohn Co., Kalamazoo, Mich.; 110x260 feet in area; $140,000.

3/7/46 1
CONTRACT AWARDED

PHOENIX, Ariz.—Del E. Webb Construction Co., P. O. Box 4066, Phoenix, Ariz., awarded a contract for adding eight stories to a one-story building at 141 N. Central Ave., Phoenix, Ariz., for the Valley National Bank; cost, $120,000. Plans were prepared by Architect H. H. Green, Professional Bldg., Phoenix, Ariz.

3/7/46 • 2
LOW BIDDER
MOTOR REPAIR BUILDING
BERKELEY, Alameda County, Calif. Haste St. near Shattuck Ave.
Construction of one-story reinforced concrete motor repair building (34x78 ft.), wood trusses and composition roof.
Owner—Webb Motor Co., 2471 Shattuck Ave., Berkeley.
Architect—James W. Plachek, 2131 University Ave., Berkeley.
Low Bidder—Willis F. Lynn, 1040 Folger Ave., Berkeley.

3/7/46 • • 4
PLANS BEING FIGURED—BIDS OPEN MARCH 8, 7 P. M.
OFFICE BUILDING Approx. Cost, $40,000
SAN RAFAEL, Marin Co., Calif. SW corner 2nd and D Streets.
Construction of one-story reinforced concrete office building.
Owner—Withheld.
Lessee—Pacific Tel. & Tel. Co., 140 New Montgomery St., San Francisco.

Plans are being figured by the following contractors:

De Luca & Son, 1745 Filbert St., San Francisco.

Litchfield Constr. Co., 721 Francisco Blvd., San Rafael.

Younger Constr. Co., Cheda Bldg., San Anselmo.

I. M. Sommer & Co., 580 Market St., San Francisco.

Ellington & Mitchell, 576 Natoma St., San Francisco.

3/7/46 • • 4
PREPARING PLANS
MEDICAL-DENTAL BLDG. Approx. Cost, $65,000
SAN FRANCISCO. SW Post and Scott Streets.
Remodel 4-story frame apartment building into medical-dental bldg.; steam heating plant, elevator, etc.
Owner—Withheld.
Architects—Sam Heiman and R. N. Pollack, 605 Market Street.

3/7/46 • 6
PLANS BEING FIGURED—BIDS OPEN MARCH 11, 3 P. M
STORE BUILDING
OAKLAND, Alameda County, Calif. Montclair District.
Construction of one-story store building.
Owner—Withheld.
Architect—Chester H .Treichel, 696 Cleveland St., Oakland.

Plans are being figured by a selected list of contractors.

3/7/46 • 2
WORK STARTED
SHOWROOM AND GARAGE
SAN RAFAEL, Marin County, Calif. 4th and Crescent Sts.
Construction of one-story steel frame and concrete block showroom and garage building (100x100 ft.).
Owner—Armstrong & Campbell.
Consulting Engineer—H. M. O'Neill Co., 610 16th St., Oakland.
Contractor—E. P. Merritt, 102 Rialto Bldg., San Francisco, $40,834 building; $2400 parking lot.

Other bids were:

E. S. McKittrick, Oakland, $42,200; $2386.

Litchfield Construction Co., San Rafael, $52,890; $3651.

9-10—EDUCATIONAL BUILDINGS

3/7/46 • 9
FUNDS ALLOTTED
SCHOOL BUILDING Cost, $165,379
GRIDLEY, Butte County, Calif. Gridley High School, corner Vermont and Sycamore Sts.
Construction of frame and stucco or brick veneer high school building to replace structure destroyed by fire in July, 1942, and to include 12 classrooms, administrative office, music units, cafeteria and auditorium to seat 550 persons.
Owner—Gridley Union High School District, George T. Peekema, president of Board of Trustees, Gridley.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.

The district already has $79,402 in cash and the remainder of funds will be provided subject to the will of the voters.

Application for advance planning funds of $4500 has been approved, according to Wright L. Felt, division engineer of the Bureau of Community Facilities of Federal Works Agency, Berkeley.

3/7/46 • 9
FUNDS ALLOTTED
GYMNASIUM Cost, $64,750
WESTWOOD, Lassen County, Calif. Westwood Senior and Junior High School, Third and Greenwood Sts.
Construction of gymnasium building.
Owner — Westwood Unified School District, Ronald W. Cox, district superintendent of schools, Westwood.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.

Application for advance planning funds for $2212 to include above construction has been approved, according to an announcement made by Wright L. Felt, division engineer of the Bureau of Community Facilities of the Federal Works Agency.

3/7/46 • 9
FUNDS ALLOTTED
AUDITORIUM Cost, $33,630
WESTWOOD, Lassen County, Calif. Westwood and Cedar Sts.
Construction of one-story frame and stucco elementary school auditorium building (50x110 ft.), with floor space covering approximately 5500 sq. ft.
Owner — Westwood Unified School District, Ronald W. Cox, district superintendent of schools, Westwood.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.

Application for advance planning funds for $2212 to include above construction has been approved, according to an announcement made by Wright L. Felt, division engineer of the Bureau of Community Facilities of the Federal Works Agency.

3/7/46 • 9
FUNDS GRANTED
SCHOOL BUILDING Cost, $75,000
CLOVIS, Fresno County, Calif. 2nd St. between Clovis Ave. and Pollsky St.
Construction of frame and stucco elementary school building, including the necessary sanitary facilities and a kindergarten and covering 10,000 sq. ft. of floor space.
Owner — Clovis Elementary School District, Dennis F. Hallowell, chairman of the Board of Trustees, Clovis.
Architect—Not announced.

Application for advance planning funds for $4200 has been approved, according to an announcement made by Wright L. Felt, division engineer, Bureau of Community Facilities of the Federal Works Agency, Berkeley.

3/7/46 • • 9
FUNDS ALLOTTED
COMBINATION BLDG. Cost $316,640
ALAMEDA, Alameda County, Calif.
Construction of combination building to include swimming pool, rifle range, armory and other ROTC facilities adjacent to the present high school building.
Owner—Alameda Unified School District, Wm. G. Paden, Secretary, 2267 Alameda St., Alameda.
Architect—Not Announced.

An application for advance planning funds of $11,640 to include above construction has been approved, according to an announcement made by Wright L. Felt, Division Engineer of the Bureau of Community Facilities of the Federal Works Agcy., Berkeley.

3/7/46 • 9
FUNDS AWARDED
SCHOOL BLDG. Est. Cost, $55,000
LOS ANGELES COUNTY, Calif. 170 Lemon Road.
Construction of auditorium and cafeteria for school.
Owner—Walnut School Dist., Leonard G. Westhoff, president of Board of Trustees, Los Angeles County.
Engineer—L. J. Seckels, 1206 Santee St., Los Angeles, district engineer for owner.

The Bureau of Community Facilities, Federal Works Agency, 2223 Fulton St., Berkeley, awarded funds in amount of $2200 to assist in preparation of plans.

3/7/46 • 9
BIDS OPENED
SCHOOL BUILDING
PORTLAND, Oregon.
Construction of two-story grade and high school building
Owner—Klickitat County School District No. 400.
Architects—Naramore & Brady, Central Bldg., Seattle, and Associates Lawrence & Lawrence, Failing Bldg., Portland, Ore.
Low Bidder—Nettleton & Baldwin, 305 Lloyd Bldg., Seattle, $235,000.
Clarence Gilmer, Spalding Bldg., Portland, Ore., $246,839.

3/7/46 • • 9
FUNDS ALLOTTED
SCHOOL ADDN. Cost, $217,960
MANHATTAN BEACH. Los Angeles Co., Calif. Center Street School, 1313 John Street.
Construction of frame and stucco school addition, consisting of nine classrooms, cafeteria, art room, homemaking room, sanitary facilities and administrative space with floor space area approx. 2,500 sq. ft.
Owner — Manhattan Beach School District, Foster A. Begg, District Supt. of Schools, Manhattan Beach.
Architects—Marsh, Smith & Powell, Architects' Bldg., Los Angeles.

Application for advance planning funds for $10,800 to include above construction has been approved, according to an announcement made by Wright L. Felt, Division Engineer of the Bureau of Community Facilities of the Federal Works Agency at Berkeley.

3/7/46 • 9
BOND ELECTION
CLASSROOMS Est. Cost, $63,000
CLAYTON, Contra Costa Co., Calif. Clayton Valley School.
Construction of additional classrooms
Owner—Clayton School Dist., Clayton.

The city of Clayton will vote Mar. 29 on a proposal to issue bonds in the amount of $63,000 to finance the above construction.

3/7/46 • 10
PRELIMINARY
PLANS COMPLETED
LIBRARY
RENO, Washoe County, Nevada.
Construction of 2-story library bldg. (110x148) basement and mezzanine floor, to be part of the new civic center.
Owner—County of Washoe, Nevada.
Architect—Russell Mills, 803 Nixon Street, Reno.

3/7/46 • 40
BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer G. T. McCoy announces that blue prints are now available for highway project II-Sis-3-Yre,C, between Yreka and Camp Lowe, for which bids will be opened in Sacramento on Wednesday, March 20, 1946.

A blue print of a title sheet showing the general location of work will be furnished free with the special provisions. There are no other plans for the work.

Requests for the above blue print and proposal form must be addressed to the office of the State Highway Engineer, Box 1499, Sacramento.

3/7/46 • 9
FUNDS ALLOTTED
ADMINISTRATION BUILDING Cost, $68,500
ALAMEDA, Alameda County, Calif.
Construction of administration building to house the administrative offices, professional library, textbook reviewing room, visual education headquarters, attendance office, conference rooms and Board of Education meeting room.
Owner—Alameda Unified School District, Wm. G. Paden, secretary, 2267 Alameda St., Alameda.
Architect—Not announced.

Site will be selected in the near future.

An application for advance planning funds of $11,640 to include the above construction has been approved, according to an announcement made by Wright L. Felt, division engineer, Bureau of Community Facilities of the Federal Works Agency, Berkeley.

3/7/46 • 9
BIDS WANTED—TO CLOSE MARCH 21, 8 P. M.
SCHOOL BUILDING Cost, $250,000
PORTLAND, Oregon.
Construction of grade school building at Parkrose.
Owner — Multnomah County School District No. 3, Mrs. M. Blount, clerk, 10630 NE. Wygant St., Portland.
Architect—Wolff & Phillips, 509 Pearson Bldg., Portland.

Bids will be asked on (1) general contract; (2) furnishing and installing incandescent ring-type lighting fixtures, and (3) grading a 200x400-ft. athletic field site.

Specifications obtainable from the office of architects upon deposit of $25 for general; $5 for lighting fixtures, and $5 for grading plans.

3/7/46 • 9
FUNDS AWARDED
SCHOOL BUILDINGS
SANTA BARBARA COUNTY, Calif.
Construction of 6-room school building on Tognazai St. (estimated cost $83,250) and addition to present school building at Guadalupe (estimated cost $96,000).
Owner—Guadalupe Joint Union School District of Santa Barbara County, Frank R. Johnson, district superintendent, Santa Barbara.
Engineer—L. J. Seckels, 1206 Santee St., Los Angeles, district engineer for owner.

The Bureau of Community Facilities, Federal Works Agency, 2223 Fulton St., Berkeley, awarded funds in amount of $7850 to assist in preparation of plans.

3/7/46 9
FUNDS APPROVED
SCHOOL BUILDING Cost, $66,920
MANHATTAN BEACH, Los Angeles Co., Calif. Manhattan Heights School, corner 6th and Herrin Sts.
Construction of frame and stucco school building containing three classrooms, kindergarten and administrative quarters and consisting of approximately 5500 sq. ft. of floor space.
Owner—Manhattan Beach School District, Foster A. Begg, district superintendent of schools, Manhattan Beach.
Architects—March, Smith & Powell, Architects' Bldg., Los Angeles.

Application for advance planning funds for $10,800, to include above construction has been approved, according to Wright L. Felt, division engineer, Bureau of Community Facilities, Federal Works Agency, Berkeley.

3/7/4C • • 9
CONTRACT AWARDED

SAN FRANCISCO.—Adam Arras & Son, 116 New Montgomery St., at $5,249 awarded contract by the Department of Public Works, Room 282 City Hall, for general construction of covered porch at Miraloma School, Omar and Sequoia Way; Job No. 497.

3/7/46 • • 9
BIDS WANTED

SAN FRANCISCO.—Until Mar. 13, 1:45 P. M., bids will be received by the Department of Public Works, Room 282, City Hall, for repairing and re-cementing linoleum at Horace Mann Junior High School.

Specifications obtainable from the office of Supt. of Bldgs. R. A. Chisholm, 490 11th Street.

3/7/46 • • 9
BIDS WANTED

SAN FRANCISCO.—Until Mar. 13, 1:45 P. M., bids will be received by the Department of Public Works, Room 282, City Hall, for repairing eight steel columns supporting fire-escape at Frank McCoppin School.

Specifications obtainable from the office of Supt. of Bldgs. R. A. Chisholm, 490 11th Street.

3/7/46 • 9
BONDS VOTED

BAYSHORE, San Mateo Co., Calif.—The Bayshore Elementary School District voted bonds March 5 in the amount of $75,000, proceeds of which will be used to finance construction of alterations and improvements to school buildings.

11—HOSPITALS

3/7/46 11
PLANNED

LOS ANGELES, Calif.—Architects Myron Hunt and H. C. Chambers, 124 E. 4th St., Los Angeles, have submitted preliminary plans to the Los Angeles County Board of Supervisors, 501 Hall of Records, Los Angeles, for the construction of a two-unit psycopathic hospital on Dahlia St. at Rancho Los Angeles for the county. The building will be a one-story fireproof structure similar to present buildings; estimated cost, $650,000.

3/7/46 11
TO PREPARE PLANS

IDAHO FALLS, Idaho.—Architect John K Monroe, Broadway and Curtis, Denver, Colo., has been commissioned to prepare plans for the construction of a new 4-story hospital and nurses' home to contain 100 beds on a 10-acre site at 25th St. and Boulevard, Idaho Falls, Idaho, for the Sisters of St. Francis, La Crosse, Wis.; cost, $800,000.

12-13—INDUSTRIAL BUILDINGS

3/7/46 • 11
FUNDS GRANTED

FRESNO, Calif.—The U. S. District Engineer Office, 74 New Montgomery St., San Francisco, has been granted funds by the Veterans' Administration for the construction of a 250-bed veterans' general hospital buildnig on N. Fresno Ave., Fresno, for the Veterans' Administration. The funds were turned over to the Army subject to the approval of Attorney General Tom C. Clark and is the first assignment of Veterans' Administration hospital construction to the army engineers since General Omar Bradley announced the engineers had agreed to take over a large portion of the Veterans' Administration's $448,000,000 building program.

The funds were granted as a part of $6,590,219 for the construction of two projects in California and one in Arizona.

The projects are the Fresno hospital to cost $2,634,676 initially; a 150-bed tuberculosis addition at San Francisco, costing $1,581,103, and a 200-bed general hospital costing $2,380,440 at Phoenix, Ariz., on a site to be acquired.

The individual projects are to be turned over to the district engineer office involved and bids will be taken after the plans are completed.

3/7/46 • 13
TO ASK BIDS

FORT PECK, Mont.—The U. S. District Engineer Office, Fort Peck, Mont., expects to issue plans and specifications about Tuesday, March 12, for labor, materials and equipment in connection with the construction of the following projects, bids for which are expected to be opened about Friday, April 12:

Job No. 1

Installation of machinery, equipment and concrete work in Fort Peck power house and main control shaft No. 1, required in placing in operation the second generating unit (capacity 16,667-kva) at Fort Peck, Mont.

The work involves:

(1) 8600 cu. yds. reinforced concrete;
(2) 240 tons miscellaneous and structural steel;
(3) oil, air and gas piping, valves and tanks;
(4) heating and ventilating equipment;
(5) removal of certain minor existing temporary structures;

The government will furnish and the contractor will install the following:

(6) 2 butterfly valves (16-ft. and 12-ft diameter);
(7) one 20,000-hp. turbine and its associated hydraulic governor;
(8) one 16,667-kva., 13.8-kv. generator accessories;
(9) three 13.8-kv. electrical cubicles.

Job No. 2

Furnishing all plant, labor and materials (except materials and equipment to be furnished by the government) and performing all work required for completion of the additions to certain electrical conduit and wiring systems; the installation of the high-voltage bus work and control wiring for a 16,667-kva., 13.8-kv. AC generating unit and associated switch gear; the installation of additional control and meter wiring; the installation of certain miscellaneous electrical equipment; the installation of an air conditioning unit; the exterior cleaning and paintig of certain specified trasformers, regulators and a reactor in the outdoor substation yard, and the installation of the conduit and wiring for certain other specified equipment furnished and installed by others but to be electrically connected under this contract in the Fort Peck power house, substation and penstock areas, Fort Peck, Mont.

Prospective bidders may submit a combination bid for jobs Nos. 1 and 2, or separate bids for job No. 1 or job No. 2. Award will be made on the basis of the combination bid or separate bids, whichever results in the **lowest cost** to the government for the entire work.

A deposit of $50 will be required for specifications and drawings for job No. 1 and a deposit of $25 will be required for specifications and drawings for job No. 2.

3/7/46 12
PLANNED
PLANT EXPANSION Cost, $250,000
KINGSBURG, Fresno County, Calif. State Highway.
Expansion of present plant facilities, including remodeling and rebuilding, with addition of storage space and equipment.
Owner — Muscat Cooperative Winery Association, C. R. Swanson, Hanford, president, State Highway, Kingsburg.
Architect—Not announced.

3/7/46 12
CONTRACT AWARDED
MFG. PLANT Appro. Cost, $6,000
VALLEJO, Solano Co., Cal. Swanzy Road and U. S. Highway 40, north of junction of latter with 5th St. and below the Beverly Hills Tract.
Construction of motorless building blocks plant and building (35x70) to house machinery and equipment.
Owner — Lura - Glo Laboratories of Oakland, 1504—32nd St., Oakland.
Contractor—Harry J. Rilinger, 242 Nebraska St., Vallejo.

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WANTED

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EXP. SUPT. on INDUSTRIAL and COMMERCIAL CONSTR. Excellent opportunity for right man. Phone SUtter 8266. (to 3/12/46)

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Tube Steam Radiation, Spec. No. 17460, NOy 13296	San Leandro	3- 8
Spec. 1172 Earthwork, Canal Lining,	Friant-Kern Canal	3-12
8 Miles Railroad NOy 13469; Spec. 17620	Stockton	3-14

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Escalator and Elevator Additions, Lincoln Bldg., 867 Market Street, San Francisco; Bids open March 12, 3:00 P. M.
Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco (EXbrook 5616)
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)

Superstructure for Ordnance Shop, San Francisco Naval Shipyard; NOy 12968; Spec. 17152; Bids open March 18, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
E. S. McKittrick Co., 610—16th St., Oakland (TWin Oaks 5070).
M & K Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
A. Farnell Blair Co., Inc., 9 Main St., San Francisco (YUkon 0390).
Moore & Roberts, 693 Mission St. San Francisco (GArfield 8579).
Peter Kiewit Sons' Co., 442 Post St., San Francisco (EXbrook 5736).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)

Alter Apt. House, 601 O'Farrell St., San Franciscoo; Bids open Mar. 8, 2 PM.
G. P. W. Jensen & Sons, Inc., 320 Market St., S. F. (GArfield 2444)
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).

Esberg Rresidence, 16th Ave. and Presidio, S. F.; Bids open Mar. 8, Noon.
G. P. W. Jensen & Sons, Inc., 320 Market St., S. F. (GArfield 2444)
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).
Elvin C. Stendell, 2278 Market St., San Francisco (HEmlock 5352).

Alter Yolo Theatre, Woodland; Bids open March 13, 2:00 P. M.
Mariposa Constr. Co., 198 Mississippi St., S. F. (UNderhill 0375)
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).
Alfred J. Hopper Co., 243 Langton St., San Francisco (MArket 7070)

Bank Building, East Salinas; Bids open March 12.
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)

Drug Storage Bldg., 4th and Clementina Streets, San Franciscoo; Bids open March 15, 10:00 A. M.
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616).
E. S. McKittrick Co., Inc., 610—16th Street, Oakland (TWinoaks 5070).
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).

Remodel Ford Agency, Market St. and Duboce Ave., San Francisco; Bids open March 15, 2:00 P. M.
Jacks & Irvine, 620 Market St., San Francisco (GArfield 2106).

Improve Facilities, South San Francisco, E. I. du Pont plant; Bids open March 18, 4:00 P. M. (EST).
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616).

Medical-Dental Building, Geary Blvd. and 14th Ave., San Francisco; Bids close March 14, 5:00 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).

Firehouse Addition, San Francisco Naval Shipyard; NOy 13034; Bids close March 20, 11:00 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).

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ADVANCE CONSTRUCTION REPORTS

3/7/46 12
FIRE LOSS
RENO, Washoe Co., Nev.—Fire recently damaged the Ready-Mix Concrete plant on Morrill Ave. operated by Francis R. Smith, 1120 Evans St., Reno, with loss estimated at from $10.000 to $15,000.

3/7/46 12
PLANNED
FROZEN FOOD LOCKER PLANT
MILL VALLEY, Marin County, Calif. Dell St. near E. Blithedale.
Construction of frozen food locker plant (30x50 ft.), modern stucco building with tile trim.
Owner and Builder—J. W. Wisler, 226 Blithedale St., Mill Valley.

14-17—PUBLIC BLDGS.

3/7/46 • 16
CONTRACT AWARDED
BERKELEY, Alameda Co., Calif.—A. K. Goodmundson, 45th Ave. and Clement St., Oakland, at $465, was awarded contract by Federal Works Agency, Public Buildings Administration, for new composition roofing at U. S. Post Office, Berkeley.

3/7/46 16
CONTRACT AWARDED
CLAREMONT, Los Angeles Co., Calif.—Gayton Engineering Co., Huntington Park, at $1590, awarded contract by Federal Works Agency, Public Buildings Administration, for interior and exterior painting, U. S. Post Office, Claremont.

3/7/46 16
CONTRACT AWARDED
SAN FRANCISCO.—Westinghouse Electric Co., elevator division, San Francisco, at $2360, awarded contract by Federal Works Agency, Public Buildings Administration, for elevator repairs, etc., at 100 McAllister St. building, San Francisco.

3/7/46 16
CONTRACT AWARDED
SANTA CRUZ, Santa Cruz Co., Calif.—Chas. E. Wait, 355 W. 110th St., Los Angeles, at $1524, awarded contract by Federal Works Agency, Public Buildings Administration, for waterproofing concrete sidewalk and driveway, repairs and repainting steps, etc., U. S. Post Office, Santa Cruz.

3/7/46 16
CONTRACT AWARDED
SAN FRANCISCO. — Adam Arras & Son, 116 New Montgomery St., San Francisco, at $745, awarded contract by Federal Works Agency, Public Buildings Administration, for new wire mesh partitions and interior painting at new U. S. Mint building, San Francisco.

3/7/46 • • 15
BID OPENED
SAN FRANCISCO. — Western Asbestos Co., 675 Townsend Street, at $239 submitted only bid to the Department of Public Works. Room 282, City Hall, for installation of acoustical tile in the controller's office, City Hall.

3/7/46 15
CONTRACT AWARDED
BELLINGHAM, Wash.—George F. Cannon, Bellingham, Wash., at $212, awarded contract by Federal Works Agency, Public Buildings Administration, for repairs to elevator motor in the U. S. Post Office and Courthouse Bldg., at Bellingham, Wash.

3/7/46 • 16
BIDS OPENED
PAYETTE, Idaho.—R. A. Newman, McMinnville, Ore., at $980, submitted low bid March 6 to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for exterior painting and miscellaneous repairs at U. S. Post Office, Payette, Idaho.

Grohne, Inc., Decatur, Ill., at $1467, submitted only other bid.

20-21—SOCIAL AND RECREATIONAL BLDGS.

3/7/46 • 22
DRAWINGS
PREPARING WORKING
HOTEL Est. Cost, $1,500,000
RENO, Washoe County, Nev.
Construction of class A 13-story hotel building to contain 200 rooms and baths, gambling casino, cocktail lounge, dining room, kitchen, garage, stores, four elevators; reinforced concrete and structural steel frame.
Owner—J. & D. Enterprises, Reno, Nev.
Architect—Herman C. Baumann, 251 Kearny St., San Francisco, Calif.

3/7/46 • 21
PLANS BEING FIGURED—BIDS OPEN MARCH 15, 2 P. M.
THEATER
FAIRFAX, Marin County, Calif.
Construction of new theater building.
Owner—Blumenfeld Theaters, 25 Taylor St., San Francisco.
Architect—Vincent G. Raney, 233 Post St., San Francisco.

Plans are being figured by the following contractors:

De Luca & Son, 1745 Filbert St., San Francisco.

Moore & Roberts, 693 Mission St., San Francisco.

Central California Construction Co., 116 Erie St., San Francisco.

Litchfield Construction Co., 721 Francisco Blvd., San Rafael.

Ellingson & Mitchell, 576 Natoma St., San Francisco.

22-26—RESIDENTIAL BUILDINGS

3/7/46 • 26
CONTRACT AWARDED
SANTA MONICA, Los Angeles Co., Calif.—Daley Bros., 426 Bryant St., San Francisco, at $173,850, awarded contract by the Federal Public Housing Authority, Phelan Bldg., San Francisco, for the construction of 100 family and dwelling units, Proj. Calif. V-4338, Santa Monica.

3/7/46 • 26
CONTRACT AWARDED
OILDALE, Kern Co., Calif.—The Schumacher & Evans Construction Co., 4007 W. 6th St., Los Angeles, at $175,500, awarded contract by the Federal Public Housing Authority, Phelan Bldg., San Francisco, for the construction of 90 family dwelling units, Proj. Calif. V-4388, Oildale.

3/7/46 23
PLANNED
SANTA MONICA, Los Angeles Co. Calif.—Samuel Widre, 517 N Orlando Ave., Los Angeles, will build four 32-room, 8-unit apartment buildings at 1301-03 Oak St., and 2609-11, 2617-19 and 2621-23 Euclid Ave., Santa Monica, for himself. Cost, $200,000.

Plans were prepared by Architect R. M. Farrington, 326 W 3rd St., Los Angeles.

3/7/46 23
PLANNED
LOS ANGELES, Cal.—Aetna Construction Co., 631 S Witmer Street, Los Angeles, will build 11 4-family, 16-room frame and stucco apartment buildings in the 2400 block on Silver Lake Blvd., Los Angeles, for self. Cost, $290,400.

3/7/46 • • 24
PREPARING
WORKING DRAWINGS
RESIDENCE Approx. Cost, $20,000
BAYWOOD, San Mateo Co., Calif.
Construction of one-story frame and stucco residence (7 rooms).
Owner—Withheld.
Architect—Albert H. Larsen, 80 Finger Ave., Redwood City.

3/7/46 • • 24
PLANS COMPLETED
RESIDENCE Approx. Cost, $25,000
ATHERTON, San Mateo Co., Calif.
Construction of one-story frame and stucco residence (6 rooms) detached 3-car garage, hardwood floors, asbestos shingle roof, air conditioning system.
Owner—Withheld.
Architect—Albert H. Larsen, 80 Finger Ave., Redwood City.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Water Supply and Sewage Disposal Plants 31-32
Bridges 33
Dams, Reservoirs and Dredging 34
Docks, Piers & Harbors 35
Parks, Airports and Playgrounds 36
Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

3/7/46 • • 32
FUNDS ALLOTTED
SEWAGE DISPOSAL PLANT Cost, $117,700
CORNING, Tehama Co., Calif.
Construction of new sewage disposal plant and improvements to sewage collection system.
Owner—City of Corning, Oscar C. Bly, Mayor, Corning.
Engineers—Thomas & Whipple, 310 University Ave., Palo Alto.

Application for advance planning funds for $6.000 has been approved. according to Wright L. Felt. Division Engineer of the Bureau of Community Facilities for the Federal Works Agency. Berkeley.

3/7/46 31
CONTRACT AWARDED
LARAMIE, Wyo.—Allred & Enix Construction Co., Pampa, Texas, at $692,000, awarded contract by the City Council of the City of Laramie, Wyo., for the construction of improvements to the water supply system at Laramie, Wyo. Plans and specifications were prepared by R. J. Tipton & Associates, 602 Insurance Bldg., Denver, Colo. The bids were received January 29.

3/7/46 32
CONTRACT AWARDED
RIVERSIDE, Calif.—The Hoagland-Findlay Engineering Co., 3254 Cherry Ave., Long Beach, at $34,456, awarded a supplemental contract by the City of Riverside for the construction and installation of a sewage treatment plant and appurtenances at Riverside. The new design will increase the capacity of the plant from 3,000,000 to 5,000,000 gallons daily. Plans and specifications were prepared by Engineers Headman, Ferguson & Carrolo, Home Builders' Bldg., Phoenix, Ariz.

3/7/46 32
FUNDS AWARDED
MUNICIPAL INCINERATOR
Estimated Cost, $19,400
SANTA BARBARA, Santa Barbara County, Calif. Fox Canyon, northwest of the city
Construction of municipal incinerator.
Owner—A. L. Study, public works and planning cosultat, City Hall, Santa Barbara.
Engineer—L. J. Seckels, 1206 Santee St., Los Angeles, district engineer for owner.

The Bureau of Community Facilities, Federal Works Agency, 2223 Fulton St., Berkeley, awarded funds in amount of $5400 to assist in preparation of plans.

3/7/46 • 32
FUNDS ALLOTTED
SEWAGE DISPOSAL Cost, $54,000
BATTLE MOUNTAIN, Lander Co., Nevada.
Construction of sewage disposal facilities.
Owner—Board of County Commissions of Lander County, W. A. Schmidtlein, chairman, Austin, Nev.
Engineer—Not announced.

Wright L. Felt, division engineer of the Bureau of Community Facilities of the Federal Works Agency has notified W. A Schmidtlein, chairman of the Board of County Commissioners of Lander County, that the application for advance planning funds for $3000 has been approved.

Approval of these funds will make it possible to complete plans for sewage disposal facilities for the Battle Mountain community. Battle Mountain is an unincorporated city, therefore the application was made for the advance planning funds by the Board of County Commissioners.

33—BRIDGES

3/7/46 33
NOTICE
SAN DIEGO COUNTY, Calif.—A representative of the bridge department of the State Division of Highways will meet prospective bidders for the proposed project in San Diego County, XI-S.D-78-A, for which bids are to be received in Los Angeles on March 28, 1946.

Said representative will meet prospective bidders at the junction of U. S. 80 and State Sign Route 79, about 1½ miles east of Descanso Junction on Wednesday, March 20, 1946, at 10 A. M.

Prospective bidders are urged to cooperate with the district office and arrange to make their field inspection on the above date.

3/7/46 33
NOTICE
MENDOCINO COUNTY, Calif.—A representative of the bridge department of the State Division of Highways will meet prospective bidders for the proposed project in Mendocino County, I-Men-16-A, for which bids are to be received in Sacramento on March 27, 1946.

Said representative will meet prospective bidders at the Dooley Creek bridge site, one mile east of Hopland, on Tuesday, March 19, 1946, at 2 P. M.

34—DAMS, RESERVOIRS & DREDGING

3/7/46 • 34
FUNDS AWARDED
WATER STORAGE FACILITIES
Estimated Cost, $46,000
GREYBULL, Big Horn County, Wyo.
Construction of an earth and rockfill dam, including all appurtenant works.
Owner—Town of Greybull, George A. Clark, town treasurer, Greybull.
Engineer—T. H. Baldwin, Cheyenne, Wyo.

The Bureau of Community Facilities, Federal Works Agency, 2223 Fulton St., Berkeley, Calif., awarded funds in amount of $1700 to assist in preparation of plans.

35— DOCKS, PIERS & HARBORS

3/7/46 • 35
BID OPENED
SAN FRANCISCO.—Healy-Tibbitts Construction Co., 1100 Evans Ave., San Francisco, at $1425, submitted only bid to the Department of Public Works, Room 282 City Hall, under Spec. 20,054 for construction of an access opening in Pier 38 over the inlet of intake tunnel to pumping station No. 1, A.W.S.S.

40— STREETS AND HIGHWAYS

3/7/46 • • 20
PLANNED
SPORTS ARENA
Approx. Cost, $1,250,000
SAN FRANCISCO. Duboe Ave., Market, Reservoir and Church Sts.
Construction of sports arena to be known as "Golden Gate Garden", to seat 12,500 spectators. Modeled after Madison Square Garden, the arena will have interchangeable flooring permitting sponsorship of basketball, track and field meets, boxing, wrestling, rodeos, tennis, ice shows, dog shows, horse show, roller skating carnivals, six-day bicycle races and large conventions
Owner—Winterland Corp., Philip S. Ehrlich, president; Geo. J. Campbell, General Manager. Stockholders are: Crown-Zellerbach Corp., Music Corp. of America, Alfred Rosenstern, representative, and Shipstad & Johnson, owners of the Ice Follies.

The sports arena is expected to be completed before November.

3/7/46 • 40
BOND ELECTION
BERKELEY, Alameda Co., Calif.—The City of Berkeley will vote April 30 on a proposal to issue approximately $3,000,000 in bonds for public improvements, including:
(1) extension, improvement and reconstruction of storm and sanitary sewers throughout the city;
(2) improvement, widening, enlarging, extending, straightening, relocating, surfacing, etc., of streets, installation of sidewalks, curbs, culverts, gutters, embankments and retaining walls;
(3) fire protection: construction and location of new firehouses, improvement of existing firehouses, combining and relocating of firehouses, purchase of additional fire-fighting apparatus and mechanical equipment;
(4) electrical system: extension, improvement and reconstruction of street lighting systems; additions and extensions of fire and police alarm systems;
(5) corporation yard: improvement of municipal corporation yard, including public buildings for housing and servicing cit yequipment, purchase of garbage disposal, street maintenance and cleaning and police motor vehicle equipment, together with machine shop and other works;
(6) improvement of existing parks and playgrounds, including lands, buildings, equipment and lighting facilities;
(7) creation of new neighborhood parks and playgrounds;
(8) additions and improvements to existing City Hall to provide needed facilities for housing municipal offices;
(9) purchase of real property to be used for municipal purposes, with any improvement thereon to be designated as a memorial to veterans of World War II

3/7/46 • 40
NOTICE
SISKIYOU COUNTY, Cal.—A representative of the district office of the State Division of Highways will meet prospective bidders for the proposed project in Siskiyou County, II-Sis-3-Yre,C, for which bids are to be received in Sacramento on March 20, 1946.

Said representative will meet prospective bidders at the highway maintenance station south of Yreka on Friday, March 15, 1946, at 1:30 P. M.

Prospective bidders are urged to cooperate with the district office and arrange to make their field inspection on the above date.

3/7/46 • 40
BIDS OPENED
SAN FRANCISCO. — Charles L. Harney, 625 Market St., San Francisco, at (Prop. A) $12,535, (Prop. B) $12,440, submitted low bid to the Department of Public Works, Room 282 City Hall, for repaving yard of Lafayette School, Anza St., between 36th and 37th Aves.

Fay Improvement Co. at (A) no bid, (B) $20,380, submitted only other bid.

3/7/46 40
NOTICE
MERCED COUNTY, Calif.—A representative of the district office of the State Division of Highways will meet prospective bidders for the proposed project in Merced County, X-Mer-4-C, for which bids are to be received in Sacramento on March 27, 1946.

Said represnetative will meet prospective bidders on highway at Buhach Station on Thursday, March 21, 1946, at 11 A. M.

3/7/46 • • 40
BIDS OPENED
MONTEREY COUNTY, Calif. — Granite Constr. Co., Box 900, Watsonville, at $227,373 submitted low bid to the State Division of Highway, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about one and nine-tenths miles in length to be graded, paved with asphaltic concrete on cement-treated base and on existing surfacing and plan mix surfacing to be placed on the shoulders, between two miles south of Salinas and Salinas in Monterey County.

The work involves:
(1) 800 cu. yds. remove concrete;
(2) 100 sta. clearing and grubbing;
(3) 35,000 cu. yds. roadway excavation;
(5) 100 cu. yds. ditch and channel excavation;
(6) 40,000 sq. yds. compact original ground;
(7) 24,500 cu. yds. imported borrow;
(8) develop water supply and furnish water equipment;
(9) 2300 M gallons apply water;
(10) 100 sta. finish roadway;
(11) 33 tons liquid asphalt SC-2 prime coat;
(12) 95 tons asphaltic emulsion paint binder, curing seal and seal coats;
(13) 200 tons screenings seal coat;
(14) 4700 tons minimum aggregate plant mix surfacing;
(15) 250 tons liquid asphaltic SC-5 or SC-6 plant mix surfacing;
(16) 2700 sq. ft. place plant mix surfacing in ditches;
(17) 13,900 tons minimum aggregate cement-treated base;
(18) 5900 bbls. portland cement cement-treated base;
(19) 5200 tons asphaltic concrete leveling course;
(20) 4900 tons asphaltic concrete, type B surfacing;
(21) 300 lin. ft. raised bars;
(22) 22 cu. yds. class A portland cement concrete structures;
(23) 900 lbs. bar reinforcing steel;
(24) 100 lbs. steel nagles curb inlets;
(25) 620 cu. yds. portland cement concrete curbs and gutters;
(26) 56 each ruby reflectors;
(27) 26 each monuments;
(28) 52 each culvert markers, project markers and guide posts;
(29) 490 lin. ft. move and reconstruct existing guard railing;
(30) 0.4 mile remove and reconstruct existing property fences;
(31) 450 lin. ft. 18-in. CMP, 16-gage;
(32) 44 lin. ft. 24-in. CMP, 14-gage;
(33) 120 lin. ft. 36-in. CMP, 12-gage;
(34) 190 lin. ft. salvage existing pipe culverts;
(35) 130 lin. ft. relay salvaged CMP.

Total bids follow:
(A) Granite Constr. Co., Watsonville $227,373.
(B) Fredrickson & Watson Construction Co., Oakland, $243,650.02.
(C) Louis Biasotti & Son, Stockton, $348,740.50.
(D) Union Paving Co., San Francisco, $249,943.
(E) A. Teichert & Son, Sacramento, $261,578.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	$1.75	$4.00	$4.00	$3.50
(2)	5.50	6.00	5.00	3.00
(3)	.67	.38	.80	.55
(4)	3.00	2.40	1.50	2.50
(5)	2.75	1.20	1.00	2.50
(6)	.05	.05	.08	.07
(7)	1.60	1.55	1.63	1.90
(8)	1393.00	1200.00	750.00	500.00
(9)	2.00	1.75	1.50	2.00
(10)	10.00	10.00	10.00	10.00
(11)	22.00	24.00	27.50	20.00
(12)	27.00	30.00	40.00	25.00
(13)	4.00	4.00	4.00	4.00
(14)	3.90	5.00	4.10	4.50
(15)	12.00	18.00	16.80	15.00
(16)	.15	.20	.08	.10
(17)	2.75	3.35	3.34	3.90
(18)	2.20	2.70	2.47	2.50
(19)	4.85	5.70	5.10	5.00
(20)	4.85	5.75	5.10	5.25
(21)	1.00	1.15	1.25	1.00
(22)	55.00	50.00	40.00	40.00
(23)	.10	.10	.10	.10
(24)	.15	.25	.20	.25
(25)	32.00	32.00	32.50	25.00
(26)	5.00	3.50	2.00	1.25
(27)	5.00	4.50	4.00	3.00
(28)	4.00	4.00	4.00	4.00
(29)	1.80	1.80	2.50	2.00
(30)	800.00	1000.00	1000.00	1000.00
(31)	2.50	2.25	2.50	2.00
(32)	3.75	3.33	3.50	3.00
(33)	6.50	6.00	6.50	6.00
(34)	.70	1.00	1.00	1.00
(35)	.70	1.00	1.00	1.00

(E)

(1)	$4.00	(2)	$15.00
(3)	.60	(4)	2.00
(5)	1.50	(6)	.05
(7)	1.75	(8)	2800.00
(9)	1.50	(10)	15.00
(11)	25.00	(12)	40.00
(13)	5.50	(14)	5.00
(15)	18.00	(16)	.20
(17)	3.50	(19)	2.65
(19)	5.45	(20)	5.60
(21)	1.50	(22)	60.00
(23)	.10	(24)	.25
(25)	35.00	(26)	3.00
(27)	5.00	(28)	5.00
(29)	2.00	(30)	1500.00
(31)	3.00	(32)	5.00
(33)	8.00	(34)	1.50
(35)	1.50		

(Continued on Page Four)

1.4 MILES RESURFACING, ETC., OAKLAND

ALAMEDA COUNTY, Calif.—Lee J. Immel, Box 65, Station A, Berkeley, at $135,659, submitted low bid to State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about one and four-tenths miles in length to be widened with portland cement concrete pavement and existing pavement to be resurfaced with asphalt concrete between distribution structures and 7th St. in Oakland, Alameda County.

The work involves:
(1) 650 cu. yds. remove concrete;
(2) 10,000 cu. yds. roadway excavation;
(3) 85 cu. yds. structura lexcavation;
(4) 11,500 tons imported borrow;
(5) 6100 tons imported base material
(6) 14,400 sq. yds prepare class C subgrade;
(7) develop water supply and furnish water equipment;
(8) 400 M gallons apply water;
(9) 41 sta. finish roadway;
(10) 1050 tons crusher run base;
(11) 4 tons liquid asphalt SC-1 prime coat;
(12) 9 tons liquid asphalt C-6 armor coat;
(13) 160 tons screenings armor coat;
(14) 40 tons asphaltic emulsion paint binder and seal coat;
(15) 5400 tons asphaltic concrete leveling course;
(16) 5400 tons asphaltic concrete, type A, surface;
(17) 3200 cu. yds. portland cement concrete pavement;
(18) 154 each tie bolt assemblies;
(19) 9 cu. yds. class A portland cement concrete structures;
(20) 52 cu. yds. portland cement concrete curbs and sidewalks;
(21) 20 lin. ft. 18-in. CMP siphon, 14-gage;
(22) 2 each field joints for siphon;
(23) 12 lin. ft. 10-in. vitrified clay pipe;
(24) 152 lin. ft. salvage existing pipe culverts;
(25) 152 lin. ft. relay salvage CMP culverts;
(26) 4100 lbs. bar reinforcing steel;
(27) 20 each manholes adjusted to grade;
(28) 2 each timber covers for drop inlets.

Total bids follow;
(A) Lee J. Immel, Berkeley, $135,659.
(B) Louis Biasotti & Son, Stockton, $136,170.
(C) Gallagher & Burke, Oakland, $142,204.90.
(D) Independent Construction Co., Ltd., Oakland, $147,991.
(E) Charles L. Harney, San Francisco, $148,55290.
(F) N. M. Ball Sons, Berkeley, $153,317.95.
(G) J. Henry Harris, Berkeley, $154,731.30.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 5.00	$ 6.00	$ 7.20	$ 6.50	$ 3.80	$ 2.50	$ 6.15
(2)	.80	1.18	1.20	1.25	1.10	.80	.90
(3)	3.60	6.00	3.00	3.00	3.50	2.75	3.70
(4)	1.00	1.23	1.20	1.20	1.25	1.48	1.45
(5)	1.50	1.54	2.05	2.00	2.20	2.50	2.35
(6)	.15	.07	.12	.10	.10	.18	.12
(7)	300.00	500.00	150.00	175.00	500.00	500.00	430.00
(8)	1.50	1.50	1.80	1.60	2.40	2.00	2.70
(9)	10.00	8.00	9.60	10.00	10.00	7.00	22.30
(10)	2.50	2.05	3.00	3.00	3.00	2.50	2.75
(11)	30.00	24.00	21.00	21.00	25.00	20.00	30.75
(12)	30.00	24.00	19.20	21.00	25.00	20.00	36.90
(13)	4.00	4.16	4.20	4.00	5.50	4.50	8.61
(14)	30.00	40.00	30.00	25.00	27.00	20.00	36.90
(15)	5.00	4.73	4.90	5.50	5.10	5.70	5.54
(16)	5.20	4.73	4.90	5.50	5.50	5.70	5.55
(17)	11.25	10.80	10.80	10.85	11.50	11.50	11.00
(18)	1.00	.85	.75	.80	.60	.60	1.20
(19)	50.00	35.00	42.00	40.00	48.00	50.00	50.00
(20)	40.00	35.00	30.00	28.00	42.00	45.00	50.00
(21)	3.30	3.65	3.60	3.70	2.60	4.00	7.00
(22)	10.00	20.00	15.00	15.00	50.00	15.00	25.00
(23)	2.00	1.50	3.00	3.00	1.10	2.00	2.50
(24)	1.00	1.50	.30	.40	1.10	.90	1.25
(25)	1.00	1.50	1.20	1.50	.80	1.00	1.25
(26)	.10	.08	.10	.10	.10	.10	.15
(27)	25.00	20.00	18.00	18.00	30.00	25.00	25.00
(28)	20.00	15.00	12.50	12.50	16.50	15.00	12.50

8.3 MILES SURFACING, ETC., ALAMEDA COUNTY

ALAMEDA COUNTY, Calif.—A. S. Jones, Box 3067, Brown's Valley Ad., Napa, at $40,823.50, submitted low bid to State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about eight and three-tenths miles in length shoulders to be widened with imported borrow and surfaced with plant mix surfacing and penetration treatment between Warm Springs Mission San Jose, and between Warm Springs and Centerville, in Alameda County.

The work involves:
(1) 3 cu. yds. remove concrete;
(2) 325 cu. yds. structural excavation;
(3) 15,550 tons imported borrow;
(4) develop water supply and furnish water equipment;
(5) 290 M gallons apply water;
(6) 830 tons crusher run base;
(7) 68 tons liquid asphalt SC-1 penetration treatment;
(8) 32 tons liquid asphalt SC-3 penetration treatment;
(9) 410 tons sand seal coat and penetration treatment;
(10) 24 tons asphaltic emulsion paint binder and seal coat;
(11) 1900 tons plant mix surfacing;
(12) 5 cu. yds. class A portland cement concrete structures;
(13) 210 lbs. bar reinforcing steel;
(14) 460 lin. ft. metal plant guard railing;
(15) 120 each move and reset existing culvert markers and guide posts;
(16) 14 lin. ft. 8-in. CMP, 16-gage;
(17) 8 lin. ft. 10-in. CMP, 16-gage;
(18) 56 lin. ft. 12-in. CMP, 16-gage;
(19) 22 lin. ft. 18-in. CMP, 16-gage;
(20) 1300 lin. ft. 11¾x17¼-in. in CMP arch, 16-gage;
(21) 2 each remove and reset headwalls;
(22) 120 lin. ft. salvage existing spillway assembly downdrains;
(23) 120 lin. ft. relay salvage spillwa yassembly downdrains;
(24) 8 each salvage spillway assemblies;
(25) 8 each install salvaged spillway assemblies.

Total bids follow:
(A) A. S. Jones, Napa, $40,823.50.
(B) Milo A. Brown, Palo Alto, $43,228.30.
(C) Warren & Drayer, Oakland, $48,181.50.
(D) Lee J. Immel, Berkeley, $48,705.50.
(E) Union Paving Co., San Francisco, $50,786.50.
(F) A. J. Raisch Paving Co., San Jose, $55,655.05.
(G) J. Henry Harris, Berkeley, $58,396.
(H) East Bay Construction Co., Oakland, $63,738.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)	$ 30.00	$ 5.00	$ 5.00	$ 10.00	$ 5.00	$ 10.00	$ 12.00	$ 10.00
(2)	3.00	2.20	3.50	1.50	2.50	3.00	3.60	2.50
(3)	.90	1.30	1.40	1.30	1.70	1.625	1.93	2.35
(4)	330.00	1000.00	775.00	450.00	500.00	1000.00	600.00	500.00
(5)	2.00	3.00	2.00	2.00	2.00	2.00	3.00	2.00
(6)	3.25	2.30	2.65	2.00	2.30	3.75	3.03	2.50
(7)	28.00	17.50	20.00	25.00	20.00	22.00	27.55	20.00
(8)	28.00	19.50	20.00	25.00	20.00	24.50	31.45	20.00
(9)	2.50	2.05	4.00	4.00	4.00	4.00	3.96	2.50
(10)	32.00	24.50	20.00	30.00	30.00	50.00	36.60	20.00
(11)	5.80	5.40	6.00	8.00	6.00	7.50	6.43	7.00
(12)	70.00	50.00	50.00	50.00	50.00	50.00	60.00	30.00
(13)	.15	.10	.20	.20	.10	.20	.25	.10
(14)	3.50	2.00	2.50	3.00	2.50	3.00	2.50	5.00
(15)	2.00	1.50	2.50	2.00	2.00	3.00	1.20	1.00
(16)	2.00	1.50	1.75	2.00	1.00	1.25	2.05	2.00
(17)	2.25	1.75	2.25	2.00	1.50	1.35	2.15	2.00
(18)	2.50	1.80	2.50	2.00	1.60	1.50	2.20	2.50
(19)	2.75	2.50	3.50	2.50	2.20	2.25	3.10	3.00
(20)	2.50	2.50	2.75	2.00	2.00	2.15	2.55	2.50
(21)	80.00	25.00	50.00	50.00	25.00	25.00	30.00	25.00
(22)	1.00	.40	.90	1.00	.75	.50	.60	.50
(23)	1.00	.50	1.00	1.00	.75	.50	.60	1.00
(24)	20.00	1.50	10.00	10.00	5.00	10.00	12.00	4.00
(25)	20.00	2.50	25.00	10.00	10.00	10.00	12.00	5.00

HAMPSHIRE STREET SEWER, SAN FRANCISCO

SAN FRANCISCO. — Martin Murphy, Route 2, Box 894, Oak Road, Walnut Creek, at $37,572.95 submitted low bid to Dept. of Public Works, Room 282 City Hall, under Spec. 20,068 for construction of the Hampshire St. sewer, 25th St. to Army St. (Potrero Ave. sewer).

The work involves:
(1) 55 lin. ft. 2-ft. 6-in. x 3-ft. 9-in. reinforced concrete sewer with brick invert;
(2) 860 lin. ft. 2-ft. 6-in. x 3-ft. 9-in. reinforced concrete sewer without brick invert;
(3) 60 lin. ft. 15-in. vitrified clay pipe sewer;
(4) 44 lin. ft. 24-in. vitrified clay pipe sewer encased in concrete;
(5) 120 lin. ft. 10-in. vitrified clay pipe culvert;
(6) 1 each catchbasin trap;
(7) 4 each catchbasins;
(8) 5 each manholes on concrete sewer;
(9) 2 each manholes on brick and vitrified clay pipe sewer;
(10) 472 lin. ft. 8-in. vitrified clay pipe subdrains;
(11) 439 lin. ft. 10-in. vitrified clay pipe subdrains;
(12) 94 tons rock fill;
(13) lump sum, traffic routing work.

Total bids follow:
(A) Martin Murphy, Walnut Creek, $37,572.95.
(B) M. J. Lynch, San Francisco, $37,937.40.
(C) Eaton & Smith, San Francisco, $39,556.75.
(D) M. Desiano, San Francisco, $45,233.90.
(E) Chas. L. Harney, San Francisco, $45,836.60.
(F) M. & K. Corp., San Francisco, $46,471.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$72.00	$36.60	$50.00	$80.15	$88.00	$98.00
(2)	30.00	34.16	35.00	37.86	39.50	39.00
(3)	14.50	15.42	15.00	14.64	15.00	24.00
(4)	25.00	24.85	22.50	32.50	26.50	30.00
(5)	8.00	5.88	6.00	10.24	4.30	6.00
(6)	35.00	27.00	35.00	25.00	42.00	50.00
(7)	200.00	170.00	190.00	200.00	175.00	210.00
(8)	150.00	140.00	140.00	140.00	140.00	150.00
(9)	250.00	185.00	210.00	270.00	250.00	220.00
(10)	1.65	.50	1.50	1.55	1.25	.75
(11)	1.85	.50	1.75	1.75	1.60	1.00
(12)	3.00	4.15	3.25	6.00	3.30	2.00
(13)	925.00	1200.00	400.00	600.00	900.00	1000.00

WATER MAINS, ALAMEDA AND CONTRA COSTA COS.

ALAMEDA and CONTRA COSTA COUNTIES, Calif.—As previously reported, A. J. Peters & Son, 410 N. 10th St., San Jose, at (Sched. I) $7,805.24, and (Sched. III), $12,267.37, and McGuire & Hester, 796 66th Ave., Oakland, at (Sched. II), $4,213.85, submitted low bid to the East Bay Municipal Utility District, 512 16th St., Oakland, under Pro. LS-348 for installation of 2-, 4-, 6-, 8- and 10-in. cast iron water mains in Contra Costa and Alameda Counties.

The work involves:

Schedule No. 1

Installation of 4-in., 6-in. and 8-in. water mains in East Oakland, San Leandro and Castro Valley, Alameda Couty.
(1) 1348 cu. yds. excavation of trench, 18-in. minimum width;
(2) 50 cu. yds. extra excavation outside main trench;
(3) 2523 lin. ft. install 4-in. cast iron pipe;
(4) 4107 lin. ft. install 6-in. cast iron pipe;
(5) 240 lin. ft. install 8-in. cast iron pipe;
(6) 1000 lbs. install extra valves and fittings;
(7) 5 cu. yds. install concrete pipe anchors;
(8) 1540 lin. ft. install 77 ⅝-in. copper services;
(9) 190 sq. yds. pavement over trench with penetration type macadam.

Schedule No. 2

Installation of 6-in. and 8-in. water mains in Richmond and Kensington, Contra Costa County.
(1) 629 cu. yds. excavatio of trench, 18-in. minimum width;
(2) 50 cu. yds. extra excavation, outside main trench;
(3) 2301 lin. ft install 6-in. cast iron pipe;
(4) 590 lin. ft install 8-in. cast iron pipe;
(5) 1000 lbs. install extra valves and fittings;
(6) 5 cu. yds. install concrete pipe anchors;
(7) 75 lin. ft. install 5 ⅝-in. copper services;
(8) 160 sq. yds. pavement over trench with penetration type macadam.

Schedule No. 3

Installation of 2-in., 4-in., 6-in., 8-in. and 10-in. water mains in Orinda and Saranap districts, Contra Costa County.
(1) 2096 cu. yds. excavation trench, 18-in. minimum width, for pipe up to and including 8-in.;
(2) 791 cu. yds. excavation trench, 24-in. minimum width for 10-in. pipe;
(3) 50 cu. yds. extra excavation outside main trench;
(4) 250 lin. ft. install 2-in. cast iron pipe;
(5) 1857 lin. ft. install 4-in. cast iron pipe;
(6) 4229 lin. ft. install 6-in. cast iron pipe;
(7) 4004 lin. ft. install 8-in. cast iron pipe;
(8) 2669 lin. ft. install 10-in. cast iron pipe;
(9) 1000 lbs. install extra valves and fittings;
(10) 5 cu. yds. install concrete pipe anchors;
(11) 75 lin. ft. install 5 ⅝-in. copper services;
(12) 60 sq. yds. pavement over trench with penetration type macadam.

Total bids follow:
(A) A. J. Peters & Son, San Jose, (I) $7805.34, (II) $4795.76, (III) $12,267.37.
(B) McGuire & Hester, Oakland, (I) $8293, (II) $4213.85, (III) $14,114.95; 4% discount if awarded all schedules.
(C) Pacific Pipe Line Construction Co., El Cerrito, (I) $9055.97, (II) $5710.13, (III) $17,071.16.
(D) Martin Murphy, Oakland, (II) $5603.60, (III) $21,635.80.
(E) Freethy - Fogelberg, El Cerrito, (I) $10,908.40, (II) $8138.80, (III) $19,014.35.
(F) Combs Bros., San Leandro, (I) $8400.13, (II) $4852.65, (III) $14,076.70.
(G) Underground Construction Co., Oakland, (I) $10,952.85, (II) $5,704.37, (III) $15,911.35.
(H) John Pestana, (I) $8306.77, (II) no bid, (III) no bid.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
I-(1)	$ 1.50	$ 1.85	$ 2.35	$	$ 3.00	$ 1.90	$ 3.50	$ 1.79
(2)	2.00	5.00	5.00	....	4.00	2.50	1.50	9.00
(3)	.44	.45	.48	....	.50	.46	.45	.45
(4)	.56	.55	.59	....	.70	.55	.50	.50
(5)	.68	.75	.75	....	.90	.90	1.00	.80
(6)	.10	.05	.10	....	.10	.15	.06	.10
(7)	12.00	20.00	15.00	....	20.00	35.00	20.00	24.00
(8)	.60	1.00	.75	....	1.10	.75	1.25	.95
(9)	5.40	1.50	2.60	....	2.20	3.15	3.40	2.00
II-(1)	3.00	2.50	4.76	4.00	7.00	2.50	4.75	....
(2)	3.00	5.00	5.00	1.00	8.00	2.50	2.00	....
(3)	.56	.60	.59	.60	.80	.65	.57	....
(4)	.68	.80	.75	.80	1.00	1.05	.72	....
(5)	.10	.05	.10	.10	.10	.15	.06	....
(6)	12.00	15.00	15.00	10.00	30.00	35.00	20.00	....
(7)	.60	1.25	1.00	1.00	2.00	1.00	2.35	....
(8)	5.40	2.00	2.60	6.00	3.20	4.00	3.40	....
III-(1)	1.25	1.80	2.43	4.90	2.80	1.80	2.50	....
(2)	1.20	1.80	3.00	4.90	2.90	1.60	2.50	....
(3)	1.50	5.00	5.00	5.00	4.00	2.00	1.50	....
(4)	.30	.40	.50	.50	.40	.40	.40	....
(5)	.44	.45	.48	.50	.50	.45	.45	....
(6)	.56	.55	.59	.50	.65	.50	.50	....
(7)	.68	.70	.75	.50	.85	.65	.65	....
(8)	.77	.80	.89	.50	1.10	.95	.90	....
(9)	.10	.05	.10	.10	.10	.15	.06	....
(10)	12.00	30.00	15.00	30.00	20.00	35.00	20.00	....
(11)	.60	1.25	1.00	1.00	1.20	1.00	2.00	....
(12)	5.40	2.00	2.60	6.00	3.00	5.00	3.40	....

18.842 MILES HIGHWAY, CLARK COUNTY, NEVADA

CLARK COUNTY, Nevada—Westbrook & Pope, 1331 C St., Sacramento at $422.096.05 awarded contract by State of Nevada Directors of Dept. of Highways, Robert A. Allen, state highway engineer, Heroes' Memorial Building, Carson City, Nev., for construction of 18.842 miles of state highway in Clark County, from a junction with U. S. 95, approx. one mile north of the Nevada-California state line, to Davis Dam, Route 77, Section A.

Work involves:
(1) 113,866 cu. yds. roadway excavation A;
(2) 234,118 cu. yds. roadway excavation B;
(4) 804 cu. yds. drainage excavation;
(5) 481 sta. V-type ditches;
(6) 656,304 yd. sta. overhaul (yd. sta.);
(7) 9166 yd. miles overhaul (yd. mi).;
(8) 2217 cu .yds. structure excavation;
(9) 2996 cu. yds. backfill;
(10) 30 M gallons water;
(11) 3686 tons type I gravel base;
(12) 145 tons liquid asphalt, type MC-2 (seal roadmix);
(13) 1498 tons liquid asphalt, type SC-3 or SC-4 (roadmix);
(14) 18.84 miles roadmix;
(15) 1 each roadmix intersections;
(16) 257 cu. yds. class A concrete;
(17) 69 cu. yds. class B concrete;
(18) 10,930 lbs. reinforcing steel;
(19) 1496 lin. ft. 18-in. corrugated metal pipe;
(20) 1826 lin. ft. 24-in. corrugated metal pipe;
(20) 472 lin. ft. 30-in. corrugated metal pipe;
(22) 222 lin. ft 36-in. corrugated metal pipe;
(23) 1120 cu. yds. hand-laid riprap;
(24) 170 each culvert markers;
(25) 267 each guide posts;
(26) 104 each monuments;
(27) 95,580 tons select material.

Total bids follow:
(A) Westbrook & Pope, Sacramento, $422,096.05.
(B) Dodge Constr. Co., Fallon, $427,046.36.
(C) Utah Constr. Co., Salt Lake City $440,622.95.
(D) Guerin Bros. Constr. Co., Los Angeles, $461,174.90.
(E) Morrison-Knudsen Constr. Co., Boise, Idaho, $549,614.68.
(F) Silver State Constr. Co., Fallon, $553,665.98.
(G) Vinnell Constr. Co., Alhambra, Calif., $563,655.65.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$5000.00	$1000.00	$1250.00	$1000.00	$1000.00	$500.00	2200.00
(2)	.40	.45	.35	.35	.40	.45	.25
(3)	.90	.95	.92	.97	1.25	1.10	1.37
(4)	2.50	1.00	1.00	2.30	2.00	.70	1.45
(5)	2.50	7.50	5.50	10.70	14.00	10.00	7.25
(6)	.007	.015	.01	.005	.02	.02	.008
(7)	.22	.25	.15	.24	.20	.25	.22
(8)	2.50	2.00	2.00	2.15	2.00	2.00	2.20
(9)	2.50	.75	1.60	2.30	2.00	1.00	1.50
(10)	12.50	5.00	7.50	24.00	10.00	5.00	7.00
(11)	.40	.40	.75	.70	.75	1.00	.94
(12)	25.00	25.00	25.50	24.40	32.00	30.00	29.00
(13)	20.00	25.00	23.50	20.50	28.00	30.00	20.00
(14)	500.00	600.00	700.00	1150.00	1000.00	800.00	600.00
(15)	100.00	100.00	200.00	250.00	300.00	100.00	300.00
(16)	60.00	40.00	45.00	59.00	65.00	45.00	58.00
(17)	60.00	40.00	45.00	5900	65.00	45.00	85.00
(18)	.12	.10	.11	.12	.10	.10	.12
(19)	2.50	3.00	2.50	2.30	2.40	5.00	3.25
(20)	3.70	3.75	3.80	3.40	3.60	7.00	4.70
(21)	5.00	4.50	4.70	4.20	4.80	9.00	6.00
(22)	7.50	6.25	7.00	6.25	7.00	10.00	9.00
(23)	15.00	5.00	12.00	8.00	10.00	15.00	18.00
(24)	5.00	4.00	4.20	5.50	5.00	5.00	7.25
(25)	5.00	4.00	4.20	5.50	5.00	5.00	7.25
(26)	5.00	6.00	6.00	7.30	10.00	5.00	14.00
(27)	.40	.40	.65	.67	.60	.90	.80

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS Applications

SAN FRANCISCO

ALTER apts, $700; 2631 Ulloa St; owner and builder, Chas C Hoss, 2631 Ulloa St.

ALTER optometrist office, $500; 699 Market St; owner, Dr Howard Ross premises; contractor, R Beal Store Equipment Co, 3275 San Bruno Ave.

ALTER apts, $500; 957 Hayes St; owner and contractor, Antonio B Ortega, premises.

ALTER flats, $........; 353 Arlington St; owner, J E Early, 616 Haight.

WAREHOUSE and office, Class B, $175,000; SE 17th and Harrison; owner, Pacific Coast Aggregates, Inc, 85 2nd St; contractor, Dinwiddie Constr Co, Crocker Bldg.

STORE, 2-story Class C, $26,500; SW 23rd and Irving St; owner, B K Cherin, 637 Irving St.

INDUSTRIAL bldg, Class C, $25,000; N Fairfax 50 W Keith; owner and builder, S J Amoroso, 2100 Oakdale Ave.

OFFICE, 2-story frame contractor's, $7000; 847 Treat Ave; owners, E and Margaret Arras, 421 Seville Way; contractor, Adam Arras & Son, 116 New Montgomery St.

ALTER stores, $6000; 994-96 Mission St; owner, D Michaels, 1026 Mission St; contractor, Carlsen & Franz, 50 Oak Grove St.

DWELLINGS, eight, 1-story frame, $5500 each; E Newhall 24.104, 49.104 74.104, 99.104, 124.104, 149.104, 174.104, 199.104 N Topeka; owner and builder, G Carraro and Sons, 700 Felton Street.

ALTER jewelry store, $5000; 255 Grant Ave; owner, Grace Claiborne, 390 Arguello; contractor, Oscar Presco & Sons, 250 Langton.

ALTER store, $5000; 1163 Market; owner, C H Baker Shoe Co, prem; contractor, Midstate Constr Co, 1299 Bush St.

DWELLINGS, two 1-story frame, $5000 each; W Ralston 125, 150 N Garfield; owner and builder, J & S Constr Co, 156 Castenada Ave.

ALTER store, $3000; SW 4th and Shipley; owner, Land Development Co, 354 Bush St; contractor, Mills Constr Co, 605 Market St.

ALTER gas station, $3000; 2500 Bayshore Blvd; owner, Wm Nutter, prem; contractor, David Burton, 678 Vienna St.

ALTER warehouse, $2500; 3040 Geary Blvd; owner, Wissman's Grocery Co, prem; contractor, Mills Constr Co, 605 Market St.

ALTER store, $2000; 149 Fell Street; owner, C C Anderson, 131 Fell St; contractor, State Bldg Corp, Burlingame.

ALTER hardware store, $1500; 1235 Mission St; owner, C W Marwedel prem; contractor, J H Netherton, 3755 Fillmore St.

ALTER warehouse, $1500; S Shipley 55 W 4th St; owner, Land Dev Co, 354 Bush St; contractor, Mills Constr Co, 605 Market St.

ALTER market, $1200; 1543 Haight; owner, L Gifford, prem; contractor, Albert E Makan, 2705 California St.

ALTER dwelling, $750; 2514 26th Ave owner, Lloyd C White, premises.

ALTER apts, $700; 795 8th Avenue; owner, Basil Canellos, premises.

ALTER 3-story lofts, $500; 566 Commercial St; owner, Harold Wagner, 568 Commercial St; contractor, Herman Bosch, 2075 Folsom.

BUILDING PERMITS Granted

SAN FRANCISCO

MARCH 5, 1946

ALTER store, $1000; 4647 Mission St; owner, Wm Ashby.

DWELLING, 1-story frame, $9000; N Greenwich 200 W Steiner St; owner, Elie Guillaumou.

ALTER store into bar, $7000; 609 Market St; owner, Jack Rushin.

FORGE Shop, Class C, $8000; East Barneveld 160 S Jerrold; owner, Hawley Forge & Mfg Co.

ALTER public garage, $750; 2318 Fillmore St; owner, Jack Sockolov.

OFFICES, two-story frame, $6000; W Folsom 100 N 17th St; owner, Reliance Trailer & Truck Co.

ALTER dwelling, $3000; 20 Norwich St; owner, V Tozasano.

PASSENGER Shelter, steel and masonry, $12,500; NE Fremont Street about 150 SE Mission; owner, Key System.

DWELLING, 1-story frame, $5300; W Lucy 100 S Thornton; owner, Fred C Rudisill.

ALTER office bldg, $120,000; 130 Sutter St; owners, Albert and Fred Ichelson and Chas C Livingman.

ALTER two flats, $500; 1241 Guerrero; owners, Mr and Mrs P Bernardoni.

ALTER flats, $800; 3012 Pine St; owner, Mr Laster.

ALTER shoe store, $950; 1055 Market St; owner, Kirby Shoe Co.

ALTER flat, $500; 3920 18th Street; owner, Elis J Ekstrom.

ALTER building into church, $2000; 1227 Sutter St; owner, Apostolic Faith Church.

OAKLAND

ELECTRIC SIGN, $560; 6160 E 14th St; owner, Lockwood Cleaners, 6160 E 14th St; builder, Scott Sign Service, 1728 Sonoma St, Vallejo.

ELECTRIC SIGN, $500; 3634 E 14th St; owner, Dynon Finance Co, 3634 E 14th St; builder, Scott Sign Service, 1728 Sonoma St, Vallejo.

1-STORY STORE BUILDING, $16,000; 593 98th Ave; owner, Peggy Mafey; builder, H L Risdon & Sons, 5977 Majestic Ave.

FIRE REPAIRS, $500; 8101 E 14th St; owner and builder, Harold R Dickinson, 8101 E 14th St.

ALTERATIONS, $800; 1301 Broadway; owner and builder, Dr Muddleman, premises.

DWELLINGS (1-sotry 5-room) (2), $4500 each; 262 and 306 Bergedo Dr; owner, McGah & O'Shea, 4939 Broadway; builder, Ray Towers, 2508 Benvenue Ave.

DWELLING (1-story 5-room), $4500; 300 Bergedo Dr; owner, McGah & O'Shea, 4939 Broadway; builder, Ray Towers, 2508 Benvenue Ave.

1-STORY CONCRETE GARAGE, $5500; 426 40th St; owner, Immanuel Hein, 371 38th St; builder, Doty & Lockwood, 2003 E 14th St.

1-STORY STORES, $9000; 7901-05 MacArthur Blvd; owner, Rudolph A Raeber; builder, A L Holm, 10601 Beverly Ave.

ADDITION, $2000; 8607 E 14th St; owner, L G Dean, prem; builder, H S Pulliam, 8009 Fontaine St.

DWELLING (1-story 5-room), $4000; 1947 81st Ave; owner and builder, H S Pulliam, 5909 E 14th St.

DWELLING (1-story 5-room), $4250; 2638 Truman Ave; owner and builder, Heimkamp & Kahler, 1208 10th Ave.

ADDITION, $1100; 224 Beau Forest Ave; owner and builder, Helen Burnham, premises.

FIRE REPAIRS, $800; 2350 E 24th St; owner, Alexander MacDougall; builder, Van Bokkelen-Cole Co, 955 22nd St.

PALO ALTO

GARAGE, $500; 807 Waverly Street; owner L A and R Johnson.

GARAGE, $500; 471 Matadero Ave; owner L W and E R Swanson, 471 Matadero Ave.

RESIDENCES and garage, $16,000; 15 E Greenwich; owner, B Harper, 741 Wellesley Ave; contractor, H Stavn, 1067 College Ave.

RESIDENCE and garage, $9,000; 801 Garland Dr; owner, Coastwise Constr Co, 2499 Middlefield Rd; contractor, E Cornblum, 2499 Middlefield Rd; architect, W E Huson, 2499 Middlefield Rd.

RESIDENCES, two, and garages, $10,250 each; 716 and 761 Garland Dr; owner, Coastwise Constr Co, 2499 Middlefield Rd; contractor, E Cornblum, 2499 Middlefield Road; architect, W E Huson, 2499 Middlefield Road.

SOUTH SAN FRANCISCO

BUILDING, concrete, 25x80-ft; $9,000; Grand Ave; owner and contractor, E B MacDonald, 127 Montgomery St, San Francisco.

SAN BRUNO

STORE, $10,000; 556 San Mateo Ave; owner, Jos Levi, 850 Reid Avenue; contractor, J Bettancourt, 422 San Anselmo Ave; plans by C Zekarian.

STORES, four, $35,000; 570-72-74-76 San Mateo Ave; owner, W Cranston, Palo Alto; contractor, J Bettancourt, 422 San Anselmo Ave; plans by C Zekarian.

SAN MATEO COUNTY (Unincorporated)

RESIDENCES (29), $6000 each; Lots 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 65, 66, 67, 68, 71, 72, 73 Sweetwood Dr, Broadmoor Village; owner and builder, Stone Crest Corp, 1 Sloat Blvd., San Francisco.

ALTER RESIDENCE, $2000; Lot 13, Block 22, Santa Helena, Lomita Park; owner and builder, Carl H Lee, 108 Santa Helena, Lomita Park

RESIDENCE, $10,000; Lot 6, Block 35, Hazel Ave, Millbrae Highlands No 3; owner and builder, M F Lucas, 330 Sanchez, San Francisco.

DUPLEX, $6000; Lots 16, 18, Block 54, 6th Ave, North Fair Oaks; owner and builder, Ralph Cannette, 121 Woodside Rd, Redwood City.

OFFICE AND STORAGE, $4000; Lot 2, Block 5, Spring St, Dumbarton Acres No 1; owner an dbuilder, The Barton Co, 504 Vista, San Carlos.

RESIDENCE, $7000; Lot 11, Block 506, California Dr, Highlands of Emerald Lake; owner and builder, L T Bleily, 488 St Francis, Redwood City.

RESIDENCE, $2000; 0.145 acre, Devonshire Blvd, San Carlos School District; owners and builders, B and C J Stenberg, Box 673, Club Dr, San Carlos.

RESIDENCE, $10,000; Lots 74, 75, Block 8, Rutherford Ave, Oakleigh Park; owner and builder, G Mautone, 680 Greenwich, Sa nFrancisco.

SAN JOSE

RESIDENCES (12), $6500 each; 1495, 1521, 1505, 1537, 1468, 1553, 1482, 1516, 1498, 1586, 1566 1532 Hedding Ct; owner and builder, Pasetta Construction Co, 2390 Park Ave, Santa Clara.

RESIDENCES (6), $6500 each; 1477, 1485, 536, 1542, 1552, 1548 Burrell Ct; owner and builder, Pasetta Construction Co, 2390 Park Ave, Santa Clara.

RESIDENCE, $6000; 1002 Byerley; owner, O H Brogan, 1002 Byerley; builder, M Hull.

REST HOME, $40,000; 976 Lenzen; owners, H Pascoe and G H Douglas; builder, G H Douglas, 1355 McKendrie St.

HANGAR, $3000; 401 Newhall; owner, Nisson & Stevens; builder, Carl N Swenson Co, 355 Stockton Ave.

STORE (1-story), $25,757; 1357 Lincoln; owner, C E Bergman; builder, Carl N Swenson Co, 355 Stockton Ave.

OFFICE BUILDING, $100,000; 817 The Alameda; owner, Richmond-Chase Co; builder, Carl N Swenson Co, 355 Stockton Ave.

WAREHOUSE, $35,000; 895 N 10th St; owner, Tri Valley Packing Corp; builder, Carl N Swenson Co, 355 Stockton Ave.

RESIDENCE, $9000; 1970 University Way; owner, Jack Phillips, 1970 University Way; builder, Gene Achille, 911 Riverside Dr.

RESIDENCE, $6000; 1184 Pine Ave; owner, Mike Chiechi, 1184 Pine; builder, Wm H O'Neil, 1475 Emory.

DRUG STORE, $11,000; 198 Jackson; owner, Lincoln Tokonaga; builder, Earl W Heple, 494 Delmas Ave.

OFFICE AND SCALE PIT, $2000; 790 Stockton; owner, Pacific Coast Aggregates; builder, Earl W Heple, 494 Delmas Ave.

SAN MATEO

ADD ROOM, $2000; 719 Humboldt; owner, Robert A Pue; builder, Geo A Cole, 1119 El Camino Real.

ALTER DWELLING, $1000; 900 W Humboldt; owner and builder, Leonard A McDonald

DWELLING, $12,000; 623 Capistrano Way; owner, Mrs Polidari; builder, Charles Hammer, 1524 Floribunda Ave, Burlingame.

GARAGE $1200; 2895 Hacienda; owner, R Varsi; builder, Pacific Construction Co.

DWELLING, $8250; 2025 Stratford Way; owner, A Corsetti; builder, A Meurrer, 217 Santa Inez Ave, Lomita Park.

OFFICE BUILDING, $20,000; ptn Lot 1, Block A, El Camino Real; owner, McDonald, Wilson & Draper; builder, MacDonald, Young & Nelson, 121 Montgomery St, San Francisco.

DWELLING, $9000; 330 41st Ave; owners, M D and Louise Grunivell; builder, Peninsula Home Builders, 2562 El Camino Real, San Mateo.

DWELLING, $8000; 3010 Del Monte; owner, John W and Dorothy M Mallory; builder, Peninsula Home Builders, 2562 El Camino Real, San Mateo.

DWELLING, $8000; ptn Lot 34, 39th Ave; owner, Reardo Gomez; builder, Peninsula Home Builders, 2562 El Camino Real, San Mateo

ALTER OFFICE, $3000; Lot 10, Block 10, El Camino Real; owner, Dr N T Endre; builder, P O Lind, 1819 Bayview Ave, Belmont.

DWELLING, Lots 27 and 28, Block 23, Bayshore and 10th Ave; owner, Lester E Alba; builder, Geo Arthur & Sons, 941 S Claremont St, San Mateo.

ALTER DWELLING, $1500; 435 Grand Blvd; owner, W A Donahoe; builder, J Harris, 315 Ranelagh Rd, San Mateo.

GARAGE, $1000; 1311 2nd Ave; owner and builder, Kenneth Rex Evans.

ALTER BUILDING, $800; 433 Crescent; owner and builder, Charles A McPhee, 433 Crescent Ave, San Mateo.

ALTER GRANDSTAND, $1500; Bay Meadows Race Track; owner and builder, California Jockey Club, Bay Meadows Race Track.

TEMP. BUILDING, $2000; NW corner parking area, Hillsdale; owner and builder, D D Bohannon, 859 San Mateo Dr.

BURLINGAME

APTS. OVER GARAGE, $5000; Lot 8, Block 50, El Camino Real; owner and builder, Wm Spivock, 1734 Webster St, Oakland.

ADD BEDROOM, $500; 1529 Drake Ave; owner and builder, Walter Senniria, 1529 Drake Ave.

RESIDENCE, $8000; Lot 1, Block 3, Meadow and Rosedale; owner, W B Gravan, 98 Leland Ave, San Francisco; builder, Frank Hernandez, 860 Noe St, San Francisco.

RESIDENCE, $9000; Lot 19, Block 9, Occidental; owner and builder, R A White, 744 Crossways.

SHOP BUILDING, $8000; 869 California Dr; owner and builder, Jas Home, 869 California Dr.

RESIDENCE, $13,000; ptn Lots 9 and 10, Block 21, Concord and Dwight; owner and builder, Custom Bilt Homes, Bayswater and Railroad.

SHOP BUILDING, $14,000; Caralan Ave; owners and builders, D A Kurkjian and V Ten Eyck, Adeline Dr and El Camino Real.

WAREHOUSE (5-story), $150,000; Broadway; owner, Bekin's Van & Storage Co, San Francisco; builder, Parker, Steffens & Pearce, 135 So Park, San Francisco.

GARAGE, $500; 1536 Howard; owner and builder, Frank Martell, 1536 Howard

RESIDENCE, $8000; 1015 Cortez; owner, R H Sandersen, 1200 Capuchino; builder, H E Winfrey, P O Box 30, Burlingame.

ADD BEDROOM, $1000; 372 Lexington; owner and builder, Mrs E W Barty, 372 Lexington.

DEMOLISH RESIDENCE, ...; Lot 12, Block 7, Oak Grove; owner and demolisher, H I Lauder, 708 Plymouth Way.

HILLSBOROUGH

ALTER residence, $2,000; 1201 Marlborough Road; owner, T J Hallinan; contractor, J B Oswald, 527 Carmel Circle, San Mateo.

ADDN to residence, $3000; 2130 Forest View Road; owner, Mr and Mrs John R Milligan; contractor, Larsen & Larsen, 629 Bryant St, San Francisco.

SWIMMING Pool, $2000; 1255 La Canada Rd; owner, J V Meherin; contractor, Paddock Engrg Co.

ALTER residence, $1000; 556 Ravenscourt; owner, H A Swegert; contractor, Finlof Bros, 932 Fifth Ave, San Mateo.

ALTER residence, $1000; 325 El Portal; owner, Danforth Field; contractor, James Horne, 869 California Drive, Burlingame.

REPAIR residence, $350; 444 El Arrogo Road; owner, J Bingham; contractor, Ira W Coburn, 2048 Market St, San Francisco.

RESIDENCE, $12,000; 105 Erran Lane; owner, Mr and Mrs John A B Chapin; contractor, Ohlund and Co, 1427 Burlingame Ave, Burlingame.

ALTER and repair residence, $5,000; 246 W St Inez; owner, T S Petersen; contractor, Mattock Construction Co, 212 Clara St, S F.

RESIDENCE, $18,000; 105 De Sabla Road; owner, Ken Royce; contractor, E M Sorensen, 1907 Parker St, Berkeley.

ALTER and repair residence, $6,000; 2001 Forest View; owner, Ben Wax contractor, Ward Tuckel, 816 4th Ave, San Mateo.

TOOL SHED and pergola, $150; 101 Reservoir Road; owner and contractor, Mrs L J Frank.

RESIDENCE $25,000; 345 W St Inez; owner, R L McKee; contractor, G W Williams Co, 10 California Dr, Burlingame.

Completion Notices

SAN FRANCISCO

Recorded Accepted

March 6, 1946—65 MARKET ST. Southern Pacific Co to Joseph A Arnke dba Arnke Iron Works.... ....March 4, 1946

March 5, 1946—W GATES 75, 100, 125, 150, 175 S Crescent Avenue. Gilbert L Plov to whom it may concern....................March 4, 1946

CONTRA COSTA COUNTY

Recorded Accepted

Mar. 4, 1946—Dwelling at Hampton Rd and Diablo Blvd, near Lafayette. W E Lindquist to Frank Zorzie....................Jan. 19, 1946

Mar. 5, 1946—Lot 22, Malley Estates, Unit No 1, near Lafayette. Abbott Roberts to L Movell Day ....Mar. 5, 1946

Mar. 5, 1946—Lot 17B and ptn Lot 16A, Block C, Amended Official Map, Arlington Acres, near El Cerrito. George R Stuart to J Thomas Young....................Mar. 1, 1946

Liens Filed

CONTRA COSTA COUNTY

Recorded Amount

Mar. 5, 1946—Lot 108, Moraga Woodlands, Unit No 2, near Orinda. Peter Sieber vs Curley A Wright, also known as Albert Wright, et al $1,856.62

Electrical Permits

SAN FRANCISCO

9432 1550 Bryant; owner, Rainier Brewing Co; contractor, Central Elec Co; ....

9433 701 Sansome St; owner, ...; contractor, Central Elec Co; 10 outlets; 8 plugs; alterations.

9434 SE Cor Eddy and Taylor; owner, Palace Food Store; contractor, Central Elec Co; 1 plug.

9435 1665 Market St; owner, Hub Grill; contractor, Central Elec Co; 1 plug.

9436 92 6th St; owner, ...; contractor, Assoc Elec & Mech Co; motors.

9437 140 New Montgomery St; owner, Pacific Tel & Tel Co; contractor, Frank F Goodman; 9 outlets.

9438 E 18th Ave. 200 S Moraga; owner, Hallgren; contractor, Richmond Elec; service.

9439 W 40th Ave 125 S Lincoln Way; owner, United; contractor, Richmond Electric; service.

9440 E 41st Ave 120 S Lincoln Way; owner, United; contractor, Richmond Electric; service.

9441 998 Sutter St; owner, 998 Club; contractor, W H Kirsten; 7 outlets; 3 switches.

9442 256 Montgomery; owner, L J Barneson; contractor, W H Kirsten; 9 outlets.

9443 1065 Market Street; owner, Gandion's; contractor, W H Kirsten; 5 outlets; 2 plugs.

9444 177 Eddy St; owner, Carnival Club; contractor, W H Kirsten; 1 plug.

9445 1567 Ellis St; owner, ...; contractor, W H Kirsten; 1 plug.

9446 727 Sutter St; owner, S F Blocking Shields; contractro, W H Kirsten; 1 outlet; 1 switch.

9447 148 Embarcadero; owner, Marin Bar; contractor, W H Kirsten; 1 plug.

9448 100 Gough St; owner, ...; contractor, W H Kirsten; 1 plug.

9449 1511-A Geary; owner, Starlite Restaurant; ontractor, W H Kirsten; 1 plug.

9450 4414 3rd St; owner, ...; contractor, W. H. Kirsten; 1 plug.

9451 2921 Jackson; owner, Save; contractor, Liberty Elec Co; 8 plugs 3 switches.

9452 1606 Post; owner, Gucia; contractor, Liberty Elec Co; 4 outlets; 3 plugs; service.

9453-55 2015-19-23 29th Avenue; owner, Marvel; contractor, B J Doherty; 10 outlets; 11 switches; 14 plugs; service.

9456-7 81-85 Margaret St; owner, Noremont; contractor. B J Doherty; 8 outlets; 8 switches; 13 plugs; serv.

9458-9 236-24 Lakeview; owner, Noremont; contractor. B J Doherty; 8 outlets; 8 switches; 13 plugs; serv.

9460 4000 Ulloa; owner, Pacific Coast Constr Co; contractor, B J Doherty Co; 11 outlets; 10 switches; 15 plugs; service.

9461 130 Sutter; owner, Dinwiddie Constr Co; contractor, H S Tittle Co; 640 outlets; 23 switches; 261 plugs; service; motors.

9462 1301 Sansome; owner, H G Walters Co; contractor, Atlas Elec & Engrg Co; ....

9463 1 Alemany Blvd; owner, L Commor; contractor, F H Tattenham; ....

9464-83 Various locations and owners; contractor. Apex Elec Co; signs.

9484 39 Grant Ave; owner, ...; contractor, Independent Elevator Co; ....

9485 1159 Market St; owner, Miss Kay; contractor, Assoc Elec and Mech Co; service; motors.

9486 50 Beideman; owner, ...; contractor, Golden Gate Elec Co; ....

9487 235 O'Farrell; owner, Barclay Hotel; contractor, Golden Gate Electric Co; ....

9488 1600 California St; owner, Bradbury Apts; contractor, Golden Gate Elec; ....

9489 1276 McAllister; owner, ...; contractor, Golden Gate Elec; 2 outlets; 3 switches.

9490 237 Holloway; owner, Ryan; contractor, O J Ferrera; 3 outlets; 3 switches; 2 plugs.

9491 2833 Army St; owner, Beacon Paint Co; contractor, Quality Elec Co; motors.

9492 325 Kearny St; owner, Clarkson Co; contractor, Quality Electric Co; 8 outlets; 8 plugs; service; alterations.

9493 347 Stockton; owner, Adolf Hairdresser; contractor, Malm and Welter; 1 outlet.

9494 2600 14th Ave; owner, Russell Shean; contractor, P & J Elec Co; ....

9495 333 S Van Ness Ave; owner, Crowley Co; contractor, P & J Elec Co; 10 outlets; 6 switches; 7 plugs.

9496 106 Powell; owner, Miller; contractor, Manning and Whitaker; ....

9497 439 Joost Ave; owner, ...; contractor, State Elec Co; 14 outlets; 10 switches; 9 plugs.

9498 566 Kearny St; owner, ...; contractor, G H Armstrong Elec Co; 3 plugs.

9499 5805 Mission St; owner, W Borelli; contractor, Pacific Electric Constr Co; service.

9500 3236 Mission; owner, Bank of America; contractor, Pacific El & Mech Co, Inc; 25 outlets; 1 switch.

9501 SW Cor 33rd Ave and Lincoln Way; owner, United; contractor, Richmond Elec Co; service.

9502-03 1722-18 32nd Ave; owner, T Mahler; contractor, Richmond El; 12 outlets; 12 switches; 12 plugs; service.

9504-21 1900-08-16-24-30, 2000-08-16-24-32-40-48-56-64-72 - 80 - 88, 1801 15th Ave; owner, Doelger; contractor, Richmond Elec Co; 10 outlets; 10 switches; 10 plugs; service.

9522-28 809-19-29-39-49-65-85 Noriega St; owner, Doelger; contractor, Richmond Elec; 10 outlets; 10 plugs; 10 switches; service.

9529 1015 Gilman; owner, Stahl; contractor, Eureka Elec Co; 12 outlets; 11 switches; 16 plugs.

9530 Bright and Randolph; owner, Baldwinson; contractor, Strom & Smith; ....

9531 E Head 100 S Randolph; owner, Baldwinson; contractor, Strom & Smith; ....

9532 620 4th Ave; owner, Isaacson; contractor, Strom & Smith; 3 outlets; 3 switches; 3 plugs.

9533-4 219-21 Sadowa St; owner, Baldwinson; contractor, Strom and Smith; 10 outlets; 10 switches; 11 plugs.

9535 330 Taraval; owner, Arnott; contractor, Edison Elec Constr Co; service.

9536 4021 Judah St; owner, Dandrea; contractor, Edison Elec Co; service.

9537 1830 Moraga; owner, Gibbs; contractor, Byington Elec; ....

9538 140 Mason St; owner, McArthur Hotel; contractor, Crown El Co; ....

9539 2421 44th Ave; owner, McArthur Bldg Co; contractor, Adams Electric Co; ....

OAKLAND

35949 1222 42nd Ave; owner, Dart; contractor, Johnston Electric; outlets; switches; fixtures; plugs; motors.

35950 90th and MacArthur; owner, Chamberlain; contractor, Flagler Electric; new installation.

35951 1850 Melvin Rd; owner, Lincoln; contractor, Del Monte Electric; outlets; switches.

35952 900 High St; owner, L A Young Spring & Wire Co; contractor, Broadmoor Electric; 7 motors; alterations.

35953 3255 Madera Ave; owner, Frank Botts; contractor, Broadmoor Electric; alterations.

35954 2800 Cypress; owner, M D Biringer; contractor, California Electric; outlets; switches; fixtures.

35955 2609 Alida; owner, W Beckett; contractor, Paramount Electric; outlets; switches; fixtures; plugs.

35956 106 Estates Dr; owner, Ike Abraham; contractor, T L Rosenberg; outlets.

35957 926 High St; owner, Hoyt Heater; contractor, T L Rosenberg; outlets.

35958 340 29th Ave; owner, Holme Manufacturing Co; contractor, T L Rosenberg; service.

35959 374 Grand Ave; owner, Peck Merrick; contractor, T L Rosenberg; range.

35960 NE 19th Ave and E 12th St; owner, J E French Co; contractor, T L Rosenberg; alterations.

35961 2740 Broadway; owner, J E French; contractor, T L Rosenberg; 1 outlet; 1 fixture; 1 plug.

35962 SE corner 13th and Clay Sts; owner, E Bercovich & Co; contractor, T L Rosenberg; wiring radio board.

35963 1715 Broadway; owner, Harold White; contractor, T L Rosenberg; outlets; switches; fixtures; alterations.

35964 4735 Davenport; owner, Spivock; contractor, Paramount Electric Co; outlets; switches; fixtures; plugs.

35965 2400 Broadway; owner, United Auto Supply; contractor, Fred Schmits; 1 outlet; 6 fixtures.

35966 1626 Castro St; owner, Anthony; contractor, Ets-Hokin & Galvan; service; alterations.

35967 1114 14th Ave; owner, Bay City Pattern Works; contractor, Matson Electrical; heater.

35968 1326 Broadway; owner, Shane's Jewelers; contractor, Matson Electrical; alterations.

35969 404 15th St; owner, Dee Fur Shop; contractor, Shea Electric; fixtures.

35970 767 85th Ave; owner, American Pipe & Construction Co; contractor, T L Rosenberg; 5 hp. motor.

35971 5802 Foothill Blvd; owner, Fenton's Creamery; contractor, T L Rosenberg Co; plugs; motors; alterations.

35972 6183 Ocean View; owner, Pfrang; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

35973 2200 Wood St; owner, Paster's Truck Repair; contractor, Scott-Buttner Electric; 48 outlets; 18 fixtures; 8 plugs; 80 hp motor.

35974 1020 Oak St; owner, Service Station Sales; contractor ,Matson Electrical; outlets; motors; alterations.

35975 696 31st St; owner, Mrs Raynor; contractor, Crescent Electric; 2 outlets; 5 fixtures; 2 motors; alterations.

35976 3420 Margarita Rd; owner, Elliott; contractor, Crescent Electric; 7 fixtures; alterations.

Engineering Section

39—SEWERS

3/7/46 • 39

BIDS WANTED

SAN PABLO, Contra Costa County, Calif.—Until March 25, 7 P. M., bids will be received by the San Pablo Sanitary District, Fritz Carlfield, secretary, 2511 San Pablo Ave., San Pablo, for sewer improvements under Improvement Act of 1911 and under Improvement Bond Act of 1915.

Specifications obtainable from the secretary of the district or from the office of the district engineer, Phil Jones, 2429 Macdonald Ave., Richmond, upon deposit of $25.

3/7/46 • • 39

FUNDS ALLOTTED

SEWER LINES Cost, $123,374

BERKELEY, Alameda County, Calif. Separation of domestic sewers from the storm flow sewer and construction of new domestic sewer line to replace the combination sewer in four districts, including (I) various sections south of Dwight Way; (II) locations north of Dwight Way, south of Hearst Ave. and west of Shattuck Ave.; (III) certain locations within an easterly section of Berkeley, north of Dwight Way and east of Shattuck Ave., and (IV) west central section of the city, west of San Pablo Ave., north of Addison St., and south of Cedar Street.

Owner—City of Berkeley, City Hall, Berkeley.

Engineer — Harry Goodridge, City Hall, Berkeley.

Application for advance planning funds for $2,000 has been approved, according to an announcement made by Wright L. Felt, Division Engineer of the Bureau of Community Facilities of Federal Works Agency, Berkeley.

3/7/46 39

CONTRACT AWARDED

LOS ANGELES, Calif.—R. A. Wattson Co., 5528 Vineland Ave., North Hollywood, at $94,687.67, awarded contract by the Los Angeles Board of Public Works, 153 City Hall, Los Angeles, February 27, for the construction of a sanitary sewer and resurfacing of streets in Teesdale Ave. and Valley Spring Lane Sewer District, Los Angeles; 1911 act.

3/7/46 39

CONTRACT AWARDED

SAN DIEGO, Calif.—Haddock Engineers, Ltd., 129 W. 2nd St., Los Angeles, and P. O. Box 479, Oceanside, at $151,960, has been awarded contract by the City of San Diego, office of the city clerk, Room 356 Civic Center, San Diego, for the construction of a portion of trunk sewer No. 2, Old Town to Cudahy and Linda Vista connection, San Diego. Bids were received February 19.

3/7/46 • 39

BIDS OPENED

SAN FRANCISCO. — Martin Murphy, Route 2, Box 894, Oak Ad., Walnut Creek, at $8954.80, submitted low bid to Department of Public Works, Room 282 City Hall, under Spec. 20,057 for replacement of the 48th Ave. sewer from Balboa St. to Cabrillo St.

The work involves:

(1) 669 lin. ft. 12-in. vitrified clay pipe sewer;

(2) 46 each 12x6-in. Y branches;

(3) 4 each manhole frames and covers;

(4) 35 tons asphaltic concrete wearing surface;

(5) lump sum, traffic routing work.

Complete bids follow:

Martin Murphy, (1) $12.20, (2) $3, (3) $70, (4) $10, (5) $125; total $8954.80.

Charles L. Harney, (1) $14.50, (2) $1.80, (3) $53, (4) $8.60, (5) $500; total $10,796.30.

Fay Improvement Co., (1) $15.24, (2) $3.50, (3) $50, (4) $8.80, (5) $200; total $11,064.61.

Biltwell Construction Co. (1) $15, (2) $8, (3) $145, (4) $15, (5) $300; total $11,808.

M. Desiano, (1) $16.40, (2) $4.37, (3) $42.50, (4) $14, (5) $290; total $12,122.62.

Fred T Fairey, (1) $17.50, (2) $6.50, (3) $55, (4) $15, (5) $300; total $13,051.50.

40— STREETS AND HIGHWAYS

3/7/46 40

BIDS OPENED

STATE OF OREGON.—The following submitted bids to the Oregon State Highway Commission, H. B. Glaisyer, secretary, Public Service Bldg., Portland, for construction as follows:

Clatsop County — State Project. Place new timbers in two 105-ft. truss spans in Vine Maple bridge over Nehalem River on Fishhawk Falls secondary highway; furnish and place approximately 62 M ft. b.m. untreated lumber.

Contract awarded to Philpott & Buchingham, $16,608.

Other bidder:

A D. Ford & Son, Portland, $29,842.

Linn County—West Unit, Lebanon-Sweet Home section of Santiam highway. State project. 8.0 miles of pavement resurfacing, approximately 5600 cu. yds. shoulder material, 16,900 tons asphalt concrete.

Contract awarded Warren Northwest, Inc., NE. 102nd and Warren Rd., Portland, $83,574.

Other bidders:

Parker Schram Co., Portland, $95,-

Porter Yett, Portland, $97,970.

J .C. Compton, McMinnville, Ore., $99,355.

Newport, Kern & Kibbee, Portland, $113,195.

Lincoln County — Spencer Creek-Agate Beach section of Oregon Coast Highway. Federal Project No. F-96 (4). 3.10 miles grading, approximately 341,000 cu. yds. excavation, 780 cu. yds. concrete, 130,000 lbs. metal reinforcing, 4900 cu. yds. rock or gravel in drains and base.

Contract awarded Berke Bros., 7923 NE. Halsey, Portland, $279,810.

Other bidders:

R. A. Heintz, Portland, $291,120.

Leonard & Slate, Portland, $293,915.

K. L. Goulter Co., Seattle, $294,230.

Parker Schram, Inc., Portland, $323,645.

E. C. Hall, Tigard, Ore., $334,385.

C. J. Eldon, Portland, $880,725.

Kuckenberg Construction Co., Portland, $382,220.

Strong & Macdonald, Inc., Tacoma, $387,350.

McNutt Bros., Eugene, Ore., $398,635.

Sherman County—North Unit, Fulton Canyon section of Fulton Canyon-Wasco Highway. Federal Project No. S-68 (4). 1.30 miles regarding, surfacing, oiling, approximately 12,000 cu. yds. excavation, 5000 cu. yds of crushed rock, 64 tons asphalt materials.

Low bidder:

Porter Yett, $6500 NE Ainsworth, Portland, $34,449.

Other bidders:

Vernie Jarl, Gresham, $39,345

E. C. Hall, Tigard, Ore., $47,715.

John A. Logan, Portland, $51,790.

Bids rejected.

Umatilla County — Weston Mountain-McDougal section of Weston-Elgin Highway. Federal Project No S-76 (1). 8.00 miles regarding, surfacing, oiling, also furnish 3000 cu. yds. rock in stockpile, approximately 66,000 cu. yds. excavation, 50,000 cu. yds. crushed rock, 578 tons asphalt materials.

Contract awarded to E. C. Hall, Tigard, Ore., $175,985.

Other bidders:

J. M. & M. J. Conley, Newport, Wash., $182,749.

Sound Construction & Engineering Co., Seattle, $190,400.

Curtis Gravel Co., Spokane, $194,356.

Wahington County — Campbell Bridge-Hazeldale section of Farmington Highway. Federal Project No. S-202 (2). 4.56 miles regarding, surfacing, oiling, approximately 7400 cu. yds. excavation, 2 M ft. b.m. untreated lumber, drive state-furnished piling and place of state-furnished treated lumber, 28,300 cu. yds. crushed rock or crushed grave, 234 tons asphalt materials.

Contract awarded to Porter Yett, Portland, tar, $109,690.

Other bidders:

T. W. Thomas, Portland, tar, $121,323.

A. H. Sexton & Sons, Corvallis, Ore., $134,172.

Babler Bros., Portland, tar, $139,846.

C. J. Eldon, Portland, tar, $142,180; other, $142,203.

3/7/46 40

BIDS OPENED

OLYMPIA, Wash.—Following submitted bids to the office of the director of highways, Clarence D. Shain, Olympia, Wash., for the construction of the following highway improvements:

1. Grading, surfacing, constructing light bituminous surface treatment and constructing treated pile and timber trestle on 2.15 miles of primary state highway No. 1, Mt. Baker branch, Welcome Grange Hall to Kendall Creek in Whatcom County, Federal Aid Project No. F-202(6), involving about 13.8 acres of clearing, 7.9 acres of grubbing, 36,120 cu. yds. of common excavation, 3100 cu. yds. of solid rock excavation, 14,120 cu. yds. of selected roadway borrow, 5200 cu. yds. of screened gravel surfacing, 500 cu. yds. f crushed cover stone, 680 tons of bituminous cement MC-2, 500 lin. ft. of beam guard rail, 1155 lin. ft. of culvert pipe, 22 M b.m. of treated timber and lumber, 500 lin. ft. of treated timber piling and other items.

Low Bidder: C. V. Wilder Co., 2006 State, Bellingham, $80,001.

Second and third low bidders: R. H. Sussex, Bellingham, $87,713; Bay Constr. Co., Inc., Seattle, $88,946.

2. Constructing a reinforced concrete T-beam bridge, 356 ft. long, across the Wenatchee River on primary state highway No. 2, Dryden vicinity in Chelan County, Federal Aid Project No. F-299(2), Unit 2, involving about 690 cu. yds. of structure excavation, 1030 cu. yds. of class A concrete, 110 cu. yds. of class B concrete, 140 cu. yds. of class D concrete, 712 lin. ft. of reinforced concrete bridge railing, 260,000 lbs. of steel reinforcing bars, 11,000 lbs. of structural steel and other items.

Low bidder, Cascade Contractors, Inc., P. O. Box 4056, Seattle, $89,723.

Second and 3rd low bidders: Neukirch Bros., Seattle, $89,808; M. P. Butler, Seattle, $97,746.

3. Constructing a steel and reinforced concrete overcrossing structure, 618.5 ft. long, to carry primary state highway No. 15 over Great Northern Railway tracks, Scenic vicinity in King County, Federal Aid Project No. FG-293(11), involving about 1024 cu. yds. of structure excavation, 1110 cu. yds. of class A concrete, 245 cu. yds. of class F concrete, 1244 lin. ft. of reinforced concrete bridge railing, 327,000 lbs. of steel reinforcing bars, 552,000 lbs. of structural carbon steel, 3800 lbs. of cast steel and other items.

Low bidder, Neukirch Bros., 745 Bellevue N., Seattle, $178,950.

Second and 3rd low bidders, M. P. Butler, Seattle, $182,620; M. P. Munter, Seattle, $183,914.

4. Grading ,surfacing, constructing bituminous surface treatment plantmix, type class F, preseal treatment, nonskid single seal treatment, on 14.391 miles of secondary state highway No. 5-H, Tenino to Pierce County line in Thurston County, Federal Aid Project No. S-261(8), involving about 3760 cu. yds .of unclassified excavation, 8060 cu. yds. of shoulder material, 2340 cu. yds. of selected roadway borrow, 9710 cu. yds. of crushed stone surfacing, 1120 cu. yds. of crushed stone filler, 2570 cu. yds. of coarse crushed screenings, 1480 cu. yds. of fine crushed screenings, 124 tons of bituminous cement MC-2, 195 tons of bituminous cement RC-5, 22,350 tons of bituminous mixture plantmix, type class F, 435 lin. ft. of culvert pipe and other items.

Contract awarded low bidder, Peter Kiewit Sons Co., 1403 W 45th St., Seattle, $173,519.

Second and 3rd low bidders, Rush & Baird, Seattle, $177,722; Western Asphalt Co., Seattle, $178,512.

3/7/46 40

NOTICE

LAKE COUNTY, Calif.—A representative of the bridge department of the State Division of Highways will meet prospective bidders for the proposed project in Lake County, I-Lak-89-D, for which bids are to be received in Sacramento on March 27, 1946.

Said representative will meet prospective bidders at the Kelsey Creek bridge site at Kelseyville on Tuesday, March 19, 1946, at 11 A. M.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Misc. Supplies & Materials	42
Machinery and Equipment	43

42— MISC. SUPPLIES AND MATERIALS

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BIDS WANTED

ALAMEDA, Alameda Co., Calif.—Until March 19, 8:05 P. M., bids will be received by the City of Alameda, City Clerk, City Hall, Alameda, for furnishing 101 fire alarm boxes.

Specifications obtainable from the above office.

3/7/46 • • 42

BIDS OPENED

BERKELEY, Alameda Co., Calif.—Following submitted bids to the City of Berkeley, City Clerk, City Hall, for furnishing 187,000 gallons of gasoline as follows:

(1) 175,000 gals. delivery at Corporation Yard;

(2) 12,000 gals. fob 10 firehouses:

General Petroleum Corporation (1) $0.9097; (2) $0.0932.

Wilshire Oil Co., Inc., (1) $0.0920; (2) $0.0945.

Tidewater Associated Oil Co., (1) $0.0932; (2) $0.0932.

Richfield Oil Co., (1) $0.0955; (2) $0.098.

Standard Oil Co., (1) $0.0974; (2) $0.0999.

Union Oil Co., (76) (1) $0.115; (2) $0.12.

3/7/46 • • 42

CONTRACT AWARDED

SACRAMENTO, Cal.—J. W. Brem Co., 5th and Gilman, Berkeley, at $6609 submitted low bid and awarded contract by the U. S. Engineer Office, Wright Bldg., Sacramento, under Spec. 1212 for seeding at Grand Island. Other bids were:

Frank Embleton. Albany, $10,205.

J. Henry Harris, Berkeley, $13,203.50.

Huttig & Schromm, Palo Alto, $14,349.75.

Combs Bros., San Leandro, $14,740.

43— MACHINERY AND EQUIPMENT

3/7/46 • 43

BIDS WANTED

SHOSHONE PROJECT, KENDRICK PROJECT, Wyoming.—Until April 3, 2 P M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. 1217 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Casper, Wyo., Thermopolis, Wyo., and Cody, Wyo., at the option of the bidder, three sets of carrier-current telephone apparatus for installation in the Shoshone power plant and the Thermopolis substation, Shoshone Project, Wyoming, and the Casper substation, Kendrick Project, Wyoming, and coupling capacitors and line traps for installation at the Shoshone power plant and the Thermopolis substation. The apparatus will be installed by the government No charge for copies of the specifications to prospective bona fide bidders; to other, $0.75, not returnable.

3/7/46 43

BIDS WANTED

BOISE PROJECT, Ida.—Until Apr. 23, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1221 for furnishing and delivering five 72-inch ring-follower gates with hydraulic hoists, hydraulic gate hangers, leaf position indicators and conduit sections, for installation in the outlet works at Anderson Ranch Dam, Boise Project, Idaho.

Specifications obtainable from the above office; no charge to prospective bidders; to others, $1.25, notreturnable.

3/7/46 43

BIDS WANTED

RIO GRANDE PROJECT, N. M.—Until April 4, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1218 for furnishing and delivering fob cars at the shipping point or fob cars at Engle, N. M.; Las Cruces, N. M.; Alamogordo, N. M., and Socorro, N. M., three sets of carrier-current telephone apparatus for installation in Elephant Butte Power Plant, the Las Cruces substation, and the Alamogordo substation, Rio Grande Project, N. M. The apparatus will be installed by the Government. No charge for copies of the specifications to prospective bona fide bidders; to others, $0.75, not returnable.

Classified Advertising

POSITION WANTED

Experienced ARCHITECTURAL DRAFTSMAN wants part-time work. Exper. in making sketches, floorplans, working drawings, details, etc., for residential, commercial or industrial work. Reply Box 37, c/o Daily Pacific Builder. 3/7-8-11-12/46

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Experienced SALESMAN for RESIDENTIAL MODERNIZING, capable of meeting public, planning jobs and supervising crews. Location East Bay. Call THornwall 0620, ask for Mr. Moran. to 2/13/46

QUANTITY SURVEY MAN for General Bldg. Construction. Must have initiative and good background. Permanent position. Salary open. A. Farnell Blair Co., Inc., 9 Main St., San Francisco. Phone YU. 0886.

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PLANS and Speculations

Chico: The Chico School District will vote, probably June 4, on a plan to issue $1,250,000 in 20-year bonds, to finance construction of school buildings, to eliminate the over-crowded and unwelcome conditions of the school systems there. The necessary papers for presentation of the bonds to the people will be brought before the board at its next regular meeting on March 13.

oOo

Butte County: The Butte County Board of Supervisors March 1 unanimously approved plans for the proposed Bidwell Bar Bridge roadway, agreeing on a 26-foot width for the road. It was brought out that this will entail an expenditure of $67,500 plus an additional $4,050 for designers' fees.

oOo

Roseville: Meeting in adjourned session last week, the Roseville city council heard Frank Packard, civil engineer, explain that he hopes to have plans for bidding purposes by March 15 for the proposed sewer project in the Elm Court district. The cost has been estimated at approximately $30,000.

oOo

Sparks, Nev.: Sparks' proposed bond issue, now expected to be $135,000 instead of $100,000 as originally estimated, probably will go before the city's voters around May 1, according to Mayor D. J. Fodrin. The bond will be issued to cover the expenses of three projects: extension of the city sewage system to homes south of the S. P. railroad's tracks, modernization and enlargement of the present Sparks sewage disposal plant, and construction of a new city garage and storage yard.

oOo

Clovis: The construction of a $75,000 elementary school to replace the present inadequate structure is announced by Glenn D. Reavis, Clovis district school superintendent. A $4,200 loan from the Federal Public Works Administration has been received to cover cost of preparing plans.

oOo

Salinas: Monterey Board of Supervisors voted Saturday to purchase 20 acres of land adjacent to the county hospital for the proposed new county jail. Cost of the property for the planned Bastille was $6,000.

oOo

Martinez: Houses for veterans have received approval and the city council has instructed City Administrator Leonard McClintock to locate a site suitable for 24 FPHA houses to be erected.

oOo

Joseph B. Peebles Appointed To Sales Manager Position

Joseph B Peebles, until recently general manager of Gladding McBean company's central division, has been named sales manager of the Stran-Steel Division of Kraftile company, Niles, it was announced this week by C. W. Kraft, president. Peebles will work under Kraftile's James Crawford, vice-president, who has been promoted to the post of general sales manager directing the sale of all the organization's products and services, including acid brick and structural clay units.

Kraftile's Stran-Steel Division distributes the Quonset-type steel "packages" buildings, similar in design to those war-time buildings erected on Pacific islands by the Seabees during the invasion drive. Kraftile's sales since last December, when the line was added, are the largest among all national distributors of the Stran-Steel buildings, according to word received from the company's Chicago headquarters.

JOINT SAN FRANCISCO ENGINEERING COUNCIL MEETING

Members of the American Society of Mechanical Engineers are invited to the Annual Joint Meeting of the Member Societies of the San Francisco Engineering Council, Wednesday, March 13, at 8:00 p. m., P. G. & E. Co. Auditorium, 245 Market street, San Francisco.

The program: "Proposed Water Resources Development of the Central Valley Basin of California", by Lester S. Ready, consulting engineer.

Various plans for development of the State's water resources will be described, including their engineering, social and economic implications.

Please Note: A dinner will precede the meeting, starting at 6:30 p. m. at the Engineers' Club, 206 Sansome street. Since attendance will be proportioned among the Member Societies, please return this attached card immediately if you can attend.

Structural Steel January Bookings Total 211,182 Tons

The estimated total bookings of fabricated structural steel for bridge and building construction for the month of January, according to reports received by American Institute of Steel Construction, amounted to 211,182 tons. Estimated shipments for the month totaled 86,371 tons.

Starting with January, the Institute's monthly statistical releases will be issued on the basis of the estimated total for the industry, the same as was its practice up to 1943.

During the war years the volume of fabricated structural steel for construction purposes was so small and the conditions were so unusual it was felt unsafe to continue following the established practice. Accordingly for the years 1943, 1944 and 1945 the Institute's statistics were limited to an actual report of the data that was filed with it by the reporting companies.

The statistics of the war years do not serve as a basis of any comparison with the normal operations of the industry. Accordingly, the Institute will during 1946 give a comparison of the industry's current data with the average of the five pre-war years 1936 through 1940.

Following is the complete tabulation of bookings and shipments:

	(A)	(B)
Contracts Closed		
January	211,182	107,578
Shipments		
January	86,371	92,578
Tonnage available for fabrication within next four months	552,135	302,607

(A) Est. total tonnage for the entire industry, 1946.

(B) Est. total tonnage for the entire industry, average 1936-1940.

#

BIDS INVITED FOR EGYPTIAN HYDROELECTRIC PROJECT

Specifications for the Aswam Dam hydroelectric project in Egypt have been prepared in London and bids are to be placed before June 2, 1946, according to the Department of Commerce. Construction of the project is expected to take three years and is said to present unique engineering problems since the surface earth and underlying granite must be moved mechanically instead of dynamiting to avoid weakening the dam.

Reclamation Bureau Offers Diversified Job Opportunities

Opportunity to put war-learned skill to work on a permanent and "essential" peace-time job is offered to veterans and home-front workers by the stepped-up program of the federal bureau of reclamation for development of the Central Valley project.

The postwar construction program of the reclamation bureau, which will carry the giant reclamation undertaking until 1960, has been estimated to require the continuous employment of 18,000 men for 15 years. Numbers of positions are being filled daily, but many remain open.

Positions offered in Region II of the Bureau, together with salary ranges, are electrical engineer, $2980 - $4300; stenographic clerk, $1902 - $2100; engineering aide, (survey), $1902 - $2980; engineering draftsman, $2100 - $2980; inspector, $2100 - $2980; hydraulic engineer, $2980 - $3640; civil engineer, $2320 - $4300; right-of-way agent, $3640; land appraiser, $3640 - $4300; engineering aide (various) $1902 - $2980; agriculturist, $2320-$3640; agricultural aide, $1902 - $2980; engineer (various), $2320 - $5180; miscellaneous duplicating machine operator, $1506 - $1902; typing clerk, $1704 - $1902; and laborers at $1 per hour.

Numerous positions in each of these categories remain to be filled. Applicants will be interviewed at the Sacramento headquarters of the Region II office or at any of the local offices, which are located at Antioch, Tracy, Friant, Redding, Colusa, Chico, Modesto, Visalia, Bakersfield, Santa Barbara, and Klamath Falls, Ore.

#

RUSSIA PLANS TO EXPAND LUMBER OUTPUT

A 30 to 40 per cent increase in lumber production as compared with prewar output is expected in Russia during the next five years, according to reports received by the Department of Commerce. A program for mechanization and technical improvements in lumbering Russia's 3,700,000 square miles of forest tracts, comprising about one-third of the total forest area of the world, has been initiated. The program aims to increase output sufficiently to provide lumber needed for Soviet reconstruction and new developments and also a surplus for exports to place Russia among the chief lumber exporting countries.

GROOVER AND I

RSVP

Gen. A. A. Vandergrift
Commandant
U. S. Marine Corps
Washington, D. C.
Sir:

In one of the local papers there appeared a story under a San Diego February 28 dateline regarding the plight of ex-Marine Corps Officer Maurice Savage.

★ ★ ★

According to the story, ex-Marine Savage has just been billed for an itemized list of gear totaling $17.85, which he lost upon leaving Iwo Jima.

★ ★ ★

The article states that Savage was evacuated on a stretcher, unconscious, and wearing a donated pair of pajama pants.

★ ★ ★

I realize that according to the Traditions of the Corps, a Marine never lets go of his helmet, gas mask or canteen, even though unconscious; however, there is one item among the missing articles which I would like to bring to your attention: "1 packet, first aid, 31c".

★ ★ ★

There are many possible explanations which might account for this loss, ranging from carelessness to the use of the kit on Marine Savage while he was unconscious.

★ ★ ★

During this last Show, your Boys added many gleaming chapters to the untarnished record of the Marine Corps, but I would like to protest against one of our fighting men having to pay for his own bandages. **This would be establishing a dangerous precedent.**

★ ★ ★

I am, therefore, enclosing a postal money order payable to the U. S. Marine Corps for 31c to cover the cost of the first aid kit charged to ex-Marine Savage.

Respectfully,
GROOVER.

★ ★ ★

Readers: This cost me 31c plus 6c fee for postal money order No. 312999 and 8c airmail, or 45c. There will be a reply which may cause me to buy a steamship ticket for a midnight sailing.

★ ★ ★

Now, on the serious side: You do not have to be "sold" on YOUR American Red Cross, but may I make a suggestion regarding the solicitor who will call on you during the current funds campaign? This person is pavement-pounding and doorbell-ringing for you—doing more than you and doing it "for free".

★ ★ ★

As a courteous consideration, BE PREPARED AND DO NOT KEEP THE SOLICITOR WAITING.

Whipple and McGarry To Speak On Credit C.E.D.A. Meeting

Gordon Whipple, credit manager of the Paraffine Companies, and A. J. McGarry, head of the Construction and Industrial section, Credit Managers association of Northern and Central California, will be the featured speakers Monday at the regular monthly meeting of the Construction Equipment Distributors association at the St. Julian Cafe, 140 Battery street, San Francisco. The meeting is scheduled to start at 6:30 p m., A. E. Mason, secretary, announces.

The two credit authorities will speak on "The Credit Trend as Applied to Our Industry and the General Credit Picture". A question period will follow the talks. Reservations should be made before Saturday noon by telephoning OVerland 1515.

#

Chain Belt Company Offers Catalog Of New Concrete Mixers

The new Rex 11S and 16S concrete mixers are described in bulletin #481 just published by Chain Belt Company of Milwaukee. These new machines feature portability, high production, low over-all cost, dependability, easy operation and streamlined appearance.

Mechanical details such as 3-way mixing action, chain drum drive, shimmy skip, accurate water system, one-man hitch, etc., are plainly illustrated and described. Complete specifications on all parts of the mixers are also included.

The new Rex 11S and 16S concrete mixers are a part of the complete line of Rex construction machinery which includes Rex tilting and drum type concrete mixers, Moto-Mixers, plaster and mortar mixers, road pavers, water pumps and Rex Pumpcrete, the pump that pumps concrete.

This new catalog, and others describing any item in the line may be obtained by addressing Chain Belt Company, Milwaukee 4, Wis.

#

Carbon Monoxide gas is particularly dangerous to motorists because it is odorless, colorless and tasteless, the California State Automobile Association warns, and its presence is therefore often unnoticed. Motorists should always keep one window of the car partially open as a safeguard.

Radiant Baseboard Newest Method Of Home Heating

One of the few really new and practical developments in the heating industry which is sure to find wide application when new construction and modernization get under way is the radiant baseboard, says the plumbing and heating industries bureau.

The radiant baseboard is a hollow cast-iron unit approximately the same size and appearance as the conventional wooden baseboard. Supplied with hot water from the heating boiler, the radiant baseboard replaces the wooden baseboard on one or more of the outside walls, usually extending the full length of the room.

Painted to match the woodwork and trim in the room, the radiant baseboards blend perfectly into the general decorative scheme and are almost as invisible as the heat itself.

Radiant baseboards send heat rays straight out into the room at ankle height conforming to the engineering ideal of a low source of heat. Tests at the University of Illinois have disclosed that the floor - to - ceiling temperature differences are the smallest ever achieved by the University with any type of heating system. In other words, most of the heat is concentrated in the lower or occupied portion of the room.

ATTENTION HOMELESS VETS . . .

A pertinent message to homeless veterans giving ex-servicemen the lowdown, with no punches pulled, on their chances of getting a new home this year, is printed on page three.

Utterly frank and devoid of misleading phrases and promises, "A Message to a Homeless Veteran" gives the former G. I. Joe an honest answer to his searching quetions concerning home building now.

The message is sponsored by J. H. Fitzmaurice, contractor of concrete and asphalt, and the Alta Building Material company, both of 2857 Hanah street, Oakland, two of the Bay Areas' most progressive and civic minded business concerns.

To insure distribution of this message to veterans in the area, this editon of the Daily Pacific Builder has been circulated to veterans groups throughout Central and Northern California.

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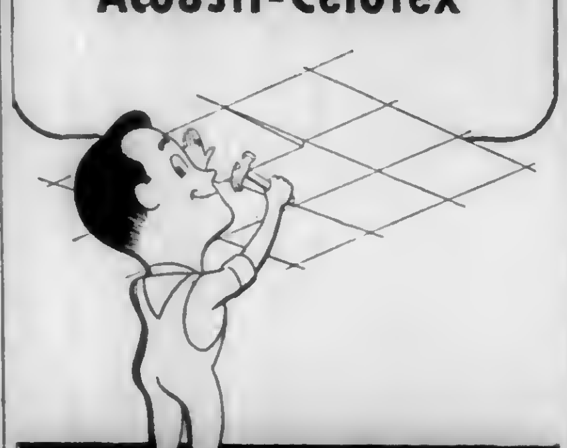

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OFFICIAL PROPOSALS

FIRST PUBLISHED TODAY

Highway Improvement—Siskiyou Co.

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **March 27, 1946**, at which time they will be publicly opened and read in the Assembly Room of said building, for repairing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Siskiyou County, portions between Weed and Yreka (II-Sis-3-B), about twenty and four-tenths (20.4) miles in length to be surfaced with imported borrow base and plant-mixed surfacing.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Flagman	1.00
Laborer	1.00
Motor grader operator	1.85
Oil distributor bootman	1.125
Oiler, power shovels or cranes	1.25
Operator of power shove lor other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.5625
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.4375
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.375
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Any classification omitted herein not less than	1.00

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President of any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the district in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law. (See said Proposal Requirements and Conditions.)

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated March 8, 1946.
(Daily Pacific Builder)
(Mar. 8-15-22, 1946)

FIRST PUBLISHED TODAY

Highway Improvements — Monterey County at Priest Valley Maintenance Station

STATE OF CALIFORNIA
DTPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, 50 Higuera Street, San Luis Obispo, California, until 10:00 A. M. o'clock, on **March 21, 1946**, at which time and place they will be publicly opened and read, for performing work as follows:

Monterey - County, at the Priest Valley Maintenance Station, about 23 miles east of San Lucas (V-Mon-10-C) a water well to be drilled and cased.

Plans and specifications, and forms of proposal, bonds, and contract may be obtained at the above address.

No bid will be considered unless it is made on a proposal form furnished by the District Engineer, and is made in accordance with the provisions set forth under Section 2, "Proposal Requirements and Conditions" of the Standard Specifications. Each bid must be accompanied by a proposal guaranty in accordance with the requirements of article (f) of the said Section 2 of the Standard Specifications.

The Department of Public Works reserves the right to reject any or all bids.

The quantities listed in the State Highway Engineer's Estimate hereinafter stated, are approximate only, being given as a basis for the comparison of bids, and the Department of Public Works does not, expressly or by implication, agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work, or to omit portions of the work, as may be deemed by the Engineer to be necessary or advisable.

Bids are required on the entire work described herein.

The rates of wages, including overtime, holiday or Sunday rates, herein specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Laborer	$1.00
Drilling machinery operator	1.70
Any classification omitted herein not less than	1.00

Overtime—one and one-half (1½) times the above rates. Sundays and holidays (except watchmen, guards and flagman) — one and one - half (1½) times the above rates.

State Highway Engineer's Estimate

Item 1. 150 lineal feet drilling and casing well.

Item 2. 10 hours pumping well.

DEPARTMENT OF PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY
State Highway Engineer
By L. H. Gibson,
District Engineer, District V.
Dated: March 4, 1946.
(Daily Pacific Builder)
(March 8, 15, 1946)

FIRST PUBLISHED TODAY

Intention No. 1-26-46F—Sanitary Board of the San Pablo Sanitary District of California

NOTICE INVITING SEALED PROPOSALS FOR SEWER IMPROVEMENTS UNDER IMPROVEMENT ACT OF 1911 AND UNDER IMPROVEMENT BOND ACT OF 1915

Pursuant to statute and to resolution by the Sanitary Board of the San Pablo Sanitary District of California, ordering the work and directing this notice, said Sanitary Board hereby invites sealed proposals or bids for doing the work and improvement described in Resolution of Intention No. 1-26-46F of said Sanitary Board of the San Pablo Sanitary District of California adopted January 26, 1946. Said Resolution of Intention is hereby referred to for a description of said work and improvement, the grades to which it is to be done, a description of the District to be assessed to pay the costs and expenses thereof, the bonds to be issued upon the security of the unpaid assessments and for all other particulars contained in said Resolution of Intention. Reference is hereby further made to the plans and specifications for said work and improvements on file in the office of the Secretary of said Sanitary Board, in accordance with which said work and improvement shall be done and made.

All proposals or bids shall be accompanied by a check payable to the Sanitary Board of said San Pablo Sanitary District and certified by a responsible bank for an amount which shall be not less than ten percent (10%) of the aggregate amount of proposal, or by a bond for said amount and so payable, signed by the bidder and two sureties, who shall justify, before an officer competent to administer an oath, in double the said amount, over and above all statutory exemptions.

Notice is hereby given that in accordance with law, said San Pablo Sanitary District, California, has determined and established the general prevailing rate of per diem wages for each craft or type of workman needed to execute and perform said work and improvement, a schedule thereof being hereto appended and designated ".Schedule of Per Diem Wage Rates".

SCHEDULE OF PER DIEM WAGE RATES

Classification	Per Diem Wage
Pipe Layer (Ironstone Sewer Only)	$13.60
Plumbers	13.60
Tractor Operator	13.60
Power Grader Operator	14.80
Drag Line or Crane Operator (Under 1 cubic yard)	16.00
Drag Line or Crane Operator (Over 1 cubic yard)	18.00
Trenching Machine Operator	14.80
Power Roller Operator	13.20
Power Shovel Operator (Under 1 cubic yard)	16.00
Power Shovel Operator (Over 1 cubic yard)	18.00
Oilers and Firemen	11.20
General Laborers	10.00
Pneumatic Tool Operators	11.00
Powder Men	12.00
Bricklayer (plus transportation)	16.40
Hod Carrier (plus transportation)	17.20
Guards, Flagmen and Watchmen	10.00
Labor Foremen	12.00
Concrete Mixer Operator	12.00
Cement Finishers	14.00
Carpenters	14.00
Pilemen-Bridgemen	14.88
Truck Driver:	
(Dump—under 4 cubic yards)	9.20
(Dump—4 cu. yd., under 6 cubic yards)	10.10
(Dump—6 cu. yds., under 8 cubic yards)	11.00
(Dump—8 cubic yards)	13.80
(Pickup under 1000 lbs.)	8.50
(Flat rack over 1000 lbs., less than 4500 lbs.)	9.20
(Flat rack over 4500 lbs.)	9.80
(Transit Mix Concrete under 2 cubic yards)	9.28
(Transit Mix Concrete, 2 cu. yds. and under 3 cu. yds.)	9.88
(Transit Mix Concrete, 3 cu. yds. and under 5 cu. yds.)	10.58
(Winch Truck)	10.38
(Road Oil)	9.78
(Water Truck)	9.78

The minimum wage paid to all skilled laborers for which rates are not shown above shall be not less than $1.50 per hour.

The minimum wage paid to all unskilled laborers for which rates are not shown above shall be not less than $1.25 per hour.

Overtime rates, unles otherwise specified, at rate of double time.

Teamsters, all overtime at rate of time and one-half.

Shift work, two or more consecutive shifts, 7 hours work at eight hours pay. Eight hours shall constitute a day's work unless otherwise noted. The contractor shall, in the performance of the work and improvements, conform to the Labor Code of the State of California and other laws of the State of California, applicable thereto, the exception only of such variations as may be required under the special statutes pursuant to which proceedings hereunder are taken and which have not been superseded by the provisions of the Labor Code. Preference to labor shall be given only in the manner provided by law. Veterans and resident local labor shall be given preference by the contractor whenever possible, if skill and working ability permit without increasing the ultimate cost of the work and improvements to the District and its officer.

Reference is hereby made for further particulars to the resolution of the Sanitary Board of the San Pablo Sanitary District of California, adopted March 1, 1946, establishing such wage rates and the attention of all bidders is directed to said resolution on file in the office of the Secretary of the Sanitary Board of the San Pablo Sanitary District.

Said proposals or bids shall be delivered to the Secretary of said San Pablo Sanitary District on or before 7 o'clock P. M., on Monday, **the 25th day of March, 1946**, on which day and hour all proposals or bids received will be publicly opened by said Sanitary Board of the San Pablo Sanitary District, California.

Dated: March 1, 1946.
FRITZ CARLFIELD,
Secretary of the Sanitary Board of San Pablo Sanitary District, Contra Costa County, California
(Daily Pacific Builder)
(March 8, 15, 1946)

Highway Improvements—Mendocino County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **March 27, 1946**, at which time they will be publicly opened and read, in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Mendocino County, at Dooley Creek, 1 mile east of Hopland (I-Men-16-A), a reinforced concrete slab bridge on concrete pile bents to be constructed and about twelve hundredths (0.12) mile of approaches to be graded and surfaced with road-mixed surfacing and seal coat applied thereto.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.125
Cement finisher	1.75
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity)	1.70
Concrete vibrator operator	1.25
Flagman	1.00
Jackhammer operator	1.25
Laborer	1.00
Motor grader operator	1.85
Oil distributor bootman	1.125
Oiler, power shovels or cranes	1.25
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equpment, shovel type controls (over one cubic yard)	2.00
Pile driver hoistman or operator	1.85
Pile driver man	1.61
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.5625
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.4375
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.375
Truck driver (4 cubic yards and less than 8 cubic yards water level capaciyt)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Any classification omitted herein not less than	1.00

Overtime — one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specification. Each bidder must be licensed and also prequalified as required by law (see said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated March 1, 1946.
(Daily Pacific Builder)
(Mar. 1-8-15, 1946)

Highway Imp.—Merced County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock P. M., on **March 27, 1946** at which time they will be publicly opened and read in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Merced County, between Black Rascal Canal and Buhach Station (X-Mer-4-C), about three and eight-tenths (3.8) miles in length to be graded and paved with Portland cement congrete and four (4) bridges to be constructed.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Skilled Labor	
Asphalt plant dryerman or fireman	1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.325
Cement finisher	1.75
Concrete mixer operator (one cu. yd. capacity or less)	1.45
Concrete mixer operator (over 1 c.y yd. capacity and paving type)	1.70
Mechanical tamper and finisher operator (concrete or asphalt)	1.70
Motor grader operator	1.85
Operator of power shovel or other excavating equipment, shovel type controls (up to and including 1 cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over 1 cubic yard)	2.00
Pile driver hoistman or operator	1.85
Pile driver man	1.61
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.5625
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.4375
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.375
Intermediate Grade Labor	
Concrete vibrator operator	1.25
Headerboard man	1.375
Jackhammer operator	1.25
Oil distributor bootman	1.125
Oiler power shovels or cranes	1.25
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Unskilled Labor	
Flagman	1.00
Laborer	1.00

Positions not listed above will be allocated in accordance with the definitions which appear in the special provisions, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.25 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.00 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.00 per hour.

Overtime: one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagman): one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposed to be done will be financed in whole or in part with Federal funds and that therefore all of the applicable Federal statutes, rules, and regulations will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifications regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (See said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY
State Highway Engineer
Dated: March 1, 1946.
(Daily Pacific Builder)
(March 1, 8. 15, 1946)

Highway Improvements—Siskiyou County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **March 20, 1946** at which time they will be publicly opened and read in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Siskiyou County between Yreka and Camp Lowe (II-Sis-3-Yre,C), about thirteen and three-tenths (13.3) miles in length to be surfaced with imported borrow base and plant-mixed surfacing

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Flagman	1.00
Laborer	1.00
Motor grader operator	1.85
Oil distributor bootman	1.125
Oiler, power shovels or cranes	1.25
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.5625
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.4375
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.375
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Any classification omitted herein not less than	1.00

Overtime — one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the district in which the work is situated, and at the office of the Associated General Contractors in San Francisco

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law. (See said Proposal Requirements and Conditions.)

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated March 1, 1946.
(Daily Pacific Builder)
(Mar. 1-8-15, 1946)

Highway Improvements—Lake Co.

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **March 27, 1946**, at which time they will be publicly opened and read, in the Assembly Room of said building, for construction in accordance with the specifications therefor, to which special reference is made, of a portion of State highway as follows:

Lake County, across Kelsey Creek at Kelseyville (I-Lak-89-D), a structural steel girder bridge and approaches to be constructed.

Bids are required on the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Skilled Labor	
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.125
Cement finisher	1.75
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity and paving type)	1.70
Derrick operator	2.00
Motor grader operator	1.85
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Painter (structural steel)	1.625
Pile driver hoistman or operator	1.85
Pile driver man	1.61
Reinforcing steel worker	1.50
Roller operator	1.65
Structural steel worker	1.75
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.5625
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.4375
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.375
Intermediate Grade Labor	
Concrete vibrator operator	1.25
Jackhammer operator	1.25
Oil distributor bootman	1.125
Oiler, power shovels or cranes	1.25
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Unskilled Labor	
Flagman	1.00
Laborer	1.00

Positions not listed above will be allocated in accordance with the definitions which appear in the special provisions, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.25 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.00 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.00 per hour.

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposed to be done will be financed in whole or in part with Federal funds and that therefore all of the applicable Federal statutes, rules, and regulations will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifications regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications, regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (See said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated March 1, 1946.
(Daily Pacific Builder)
(Mar. 1-8-15. 1946)

Highway Improvements—Lake Co.

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **March 20, 1946**, at which time they will be publicly opened and read in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Lake County, between 1.2 miles north of Rodman Narrows Road and Route 15 (I-Lak-89-E), a total length of about two (2) miles of highway to be graded and surfaced.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.125
Cement finisher	1.50
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity)	1.70
Concrete vibrator operator	1.25
Flagman	1.00
Jackhammer operator	1.25
Laborer	1.00
Motor grader operator	1.85
Oil distributor bootman	1.00
Oiler, power shovels or cranes	1.25
Operator of power shovel or other excavting equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.4375
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.3125
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.25
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.0625
Truck driver (less than 4 cubic yards water level capacity)	0.90
Any classification omitted herein not less than	1.00

Overtime—One and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—One and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (see said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
Dated February 21, 1946.
G. T. McCOY,
State Highway Engineer.
(Daily Pacific Builder)
(Feb. 21-Mar 1-8, 1946)

For Better Building

Central Vacuum Cleaning System

Compact, easy to keep clean and maintained in top mechanical condition through infrequent oilings, the vacuum producing machinery of the Spencer Vacuum Cleaning Equipment is soundly-engineered. The newest in home and office vacuum cleaning systems, the Spencer is being installed in many homes to provide housewives with modern, efficient cleaning in each room without the bulky contrivances so common to vacuum cleaning.

The unit, manufactured by the Spencer Turbine company, Hartford, Con., is composed of the machine illustrated above, plus a series of pneumatic steel tubes sealed with streamlined aluminum castings. Dirt, picked up in the rooms through a light-weight convenient hose and nozzle arrangement, is whisked into the basement depository by means of the tubing. Faster cleaning, with less work, is assured the housewife.

Lester F. Scott, 55 Brady street, San Francisco, is the local dealer.

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SMALL HANGAR

An all metal prefabricated "Tee Hangar" recently announced is available for either single or multiple installations. Constructed of prefabricated structural members covered with corrugated sheets, the hangar is equipped with doors that jack-knife open to both sides far enough to make a full 38-ft. width for wingspread; the fuselage depth is 24-ft. Doors are of heavy, welded, tubular frame construction, operating on tracks welded to the structure. The hangar is T-shaped and arranged for a second unit to interlock with the first, using a common wall and trusses, and having alternate units opening on opposite sides. Where a grouping having all doors opening on one side is preferred, the hangar can be erected as a rectangle, the units placed side by side in line. The William Bayley Co., Springfield, Ohio.

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WINDOW PACKAGE

A factory fitted, three-way residential window "package" includes steel casement, storm sash and screen. Glass, wood casing, outside trim and hardware are provided as part of the package. Steel frames and ventilators are bonderized for protection against rust, dip-painted in a special primer, and oven baked.

Both storm sash and screen are factory fitted, and are installed from the inside. The storm sash opens in unison with the casement window. Detroit Steel Products Co., Detroit, Mich.

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DUAL LAMP UNIT

A new electrical fixture for home use brings together into one unit the infra-ed heat lamp and the ultraviolet sunlamp.

Adaptable as a floor or table model lamp, and equipped with a two-way three-position switch by which the user may select the infrared or the ultraviolet at will, the new fixture, called the "Select-o-ray", already is being produced and will be available to the public at once.

The unit is finished in ivory baked-on enamel, resembles a streamlined automobile headlight. It delivers ultraviolet rays from one end, infrared from the other. Reflectors on both lamps are built in. Westinghouse Electric Corp., Cleveland, Ohio.

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FINISHES

DDT PAINT

A wall paint blended with DDT under a new patented process, "Superior 365", is said to have proved an effective insect control for as long as 16 months after a single coat application.

Developed as a wall coating for packing plants, farm buildings and other structures requiring sanitary protection, the coating has proved effective against 132 varieties of insects, is harmless to humans. It is mixed by adding water to the base paint. Superior Paint and Varnish Co., Chicago, Ill.

FOR MASONRY

A moisture-proofing and decorating compound for masonry such as stucco, brick and concrete, called "Triscoseal", is a slow hardening compound in powder form. When Mixed with water it can be applied like paint with brush or spray, on inside or outside surfaces, above or below ground. Penetrating and sealing the pores of the masonry, it waterproofs and dampproofs it at the same time. Recommended for basement walls, CONTD—
walls of swimming pools, tanks and vats, for fire walls, cornices, exposed surfaces of concrete buildings and bridges, underground passages and tunnels, etc. Can be ob-

(Continued on Page Three)

Bid Opening Schedule

Bid Opening Date	Project	Location of Project	Noted In Issue
BUILDING PROJECTS			
3- 8— 7:00 P.M.	Office	San Rafael	3- 7
3-11— 3:00 P.M.	Store	Oakland	3- 7
3-10—	Apartment	San Francisco	2-28
3-11— 4:00 P.M.	Floor	Oakland	2-28
3-11— 4:00 P.M.	Painting	Oakland	2-28
3-11— 1:00 P.M.	Laboratory	Pasadena	3- 1
3-11—12:00 M.	School	Palm Springs	2- 7
3-11—10:00 A.M.	Courthouse	San Rafael	2-26
3-11— 1:00 P.M.	Camouflage	Long Beach	3- 4
3-11— 2:00 P.M.	Market Building	San Francisco	3- 6
3-12— 1:30 P.M.,	Flagpole	Livermore	2-13
3-12—11:00 A.M.	Storehouses	Hawthorne, Nev.	2-21
3-12— 3:00 P.M.	Store	San Francisco	2-27
3-12—	Bank	East Salinas	3- 4
3-13— 2:00 P.M	Theater	Woodland	3- 4
3-13— 5:30P.M.	Steel Wire Fabric	Oakland	3- 4
3-13— 2:00 P.M.	Cables	Safford, Ariz.	2-15
3-12— 1:30 P.M.	Flagpole	Livermore	2-18
3-12—11:00 A.M.	Steam Heating	Inyokern	2-28
3-13— 2:00 P.M.	Fireboxes	Grass Valley	2-28
3-13— 2:00P.M.	Painting	Ontario	2-28
3-13— 2:00 P.M.	Painting	Gardena	2-26
3-13— 2:00 P.M.	Painting	Huntington Beach	2-26
3-13— 2:00 P.M.	Painting	Santa Clara	2-26
3-13— 2:00 P.M.	Painting	Orange	2-26
3-13— 2:00 P.M.	Painting	San Francisco	2-26
3-13— 2:00 P.M.	Burner	Vallejo	2-27
3-13— 2:00 P.M.	Painting	Tacoma, Wash.	2-27
3-13— 2:00 P.M.	Trees	Petaluma	3- 1
3-13— 2:00 P.M.	Radio Grilles	Portland, Ore.	3- 1
3-13— 2:00 P.M.	Ribbed Glass	Portland, Ore.	3- 1
3-13— 2:00 P.M.	Partitions	San Francisco	3- 6
3-13— 1:45 P.M.	School	San Francisco	3- 7
3-13— 1:45 P.M.	Columns	San Francisco	3- 7
3-14— 5:00 P.M.	Medical-Dental	San Francisco	3- 6
3-14— 2:00 P.M.	School Buildings	Maricopa County, Ariz.	2- 8
3-14— 8:00 P.M.	Maintenance Bldg.	Kentfield	2-28
3-15— 9:00 P.M.	Store	Las Vegas	2-18
3-15— 2:00 P.M.	Auto Agency	San Francisco	3- 6
3-15—10:00 A.M.	Warehouse	San Francisco	3- 5
3-15— 2:00 P.M.	Theater	Fairfax	3- 7
3-18—11:00 A.M.	Ordnance Shop	San Francisco	3- 5
3-18—11:00 A.M..	Shop	San Francisco	2-25
3-18—11:00 A.M.	Shop	San Francisco	2-26
3-18— 4:00 P.M.	Hangar	Oakland	3- 6
3-18— 4:00 P.M.	Factory	South San Francisco	3- 6
3-18— 4:00 P.M.	Hangar	Oakland	2-28
3-18— 8:00 P.M.	Schools	Pittsburg	3- 1
3-19— 3:00 P.M.	Office	San Francisco	2-28
3-19—10:00 A.M.	Rink	Norwalk	2-28
3-20— 2:00 P.M.	Painting	Springville, Utah	3- 5
3-20— 2:00 P.M.	Elevator Cables	San Francisco	3- 5
3-20— 2:00 P.M.	Fireboxes	Santa Maria	2-28
3-20— 2:00 P.M.	Boiler	Yuma, Ariz.	3- 4
3-20— 2:00 P.M.	Oil Burner	Sebastopol	3- 4
3-20— 2:00 P.M.	Window	El Monte	3- 4
3-20—11:00 P.M.	Firehouse	San Francisco	3- 6
3-20— 2:00 P.M.	Sidewalks	La Grande, Ore.	3- 6
3-21— 8:00 P.M.	School	Portland, Ore.	3- 7
3-22— 2:00 P.M.	Hospital	Salem, Ore.	3- 4
3-25— 9:00 P.M.	Plant	Torrance	2-18
3-26— 1:30 P.M.	Wing	Wood, Wis.	3- 5
4- 1—10:00 A.M.	Residences	Davis Dam, Arizona-Nevada	2-27
4- 2— 8:00 P.M.	School	Stockton	3- 4
4- 9—3:00 P.M.,	Cottage	San Francisco	2-25
ENGINEERING PROJECTS			
3-11— 4:00 P.M.	Tennis Courts	Red Bluff	3- 4
3-11—	Steel Couches	Panama Canal	3- 6
3-11—	Water Heaters	Panama Canal	3- 6
3-12—10:00 A.M.	Earthwork	Columbia Basin Project, Wash.	2-26
3-12—10:00 A.M.	Earthwork	Central Valley Project	2-15
3-12— 3:00 P.M.	Airport	San Francisco	2-20
3-12	Kortes Dam (Govt.)	Missouri Basin Project	1-18
3-12 9:00 A.M.,	Pumping Plants	Vallejo	2-25
3-12—10:00 A.M.	Bridge	Washington State	2-27
3-12— 2:00 P.M.	Road	Alameda	2-27
3-12—10:00 A.M	Earthwork	Central Valley Project	2-28
3-12—11:00 A.M.	Roads	Inyokern	2-28
3-12—10:00 A.M.	Protective Works	Fort Lyon, Colo.	3- 1
3-12—10:00 A.M.	Grading	San Juan County, Colorado	3- 6
3-12—	Asbestos Board	Panama Canal	3- 6
3-12— 2:00 P.M.	Steel Bars	Tucumcari, N. M.	3- 6
3-12—10:00 A.M.	Street	Riverside	3- 5
3-13—	REA Project	Lodge Grass, Mont.	3- 1
3-13— 1:00 P.M.	Storage	March Field	2-28
3-13— 2:30 P.M.	Sewage Pump	San Francisco	2-28
3-13— 1:00 P.M.	River Improvements	Los Angeles	2-18
3-13— 2:30 P.M.	Street improvements	San Francisco	2-18
3-13— 2:00 P.M.	Freeway	Santa Clara County	2-12
3-13— 5:00 P.M.	Water Mains	Portland, Ore.	3- 6
3-14— 2:00 P.M.	Grading	Los Angeles County	2-12
3-14— 2:00 P.M.	Crossing	Los Angeles County	2-12
3-14—11:00 A.M.	Paving	San Diego	2-28
3-14—11:00 A.M.	Tracks	Rough and Ready Island	3- 5
3-14— 2:00 P.M.	Foundation Work	Seattle, Wash.	3- 5
3-14— 2:00 P.M.	Fittings	Phoenix, Ariz.	3- 5
3-15—10:00 A.M.	Earthwork	Altus Project, Oklahoma	3- 1
3-15— 2 P.M.	Steel Towers	Central Valley Project	1-30
3-15—10:00 A.M.	Earthwork	Altus Project, Oklahoma	2-21
3-15—10:00 A.M.,	Landscape	Central Valley Project	2-25
3-15—10:00 A.M.	Earthwork	Altus Project, Oklahoma	2-27
3-15—10:00 A.M.	Highway	Boulder County, Colorado	3- 6
3-15—10:00 A.M.	Transmission Line	Rio Grande Project, N. M.	3- 5
3-15— 1:00 P.M.	Storage	March Field, Calif.	3- 5
3-15— 2:00	Fertilizer	Yuma, Ariz.	3- 5
3-17— 2:00 P.M.	Gates	Davis Dam Project, Arizona.	3- 5
3-18— 1:00 P.M.	River improvements	Los Angeles	2-18
3-18—10:00 A.M.	Transmission Lines	Colorado-Big Thompson Proj.	2-27
3-18— 5:00 P.M.	Concrete	Hillsborough	3- 6
3-18— 7:30 P.M.	Curbing	Coalinga	3- 5
3-19— 3:00 P.M.	Street Lighting	San Francisco	3- 6
3-19— 3:00 P.M.	Pumping Station	San Francisco	3- 6
3-19— 3:00 P.M.	Cast Iron Mains	San Francisco	3- 6
3-19—10:00 A.M.	Earthwork	Boulder Canyon Project	2-21
3-19—10:30 A.M.	Dam	Portland, Ore.	2-27
3-19— 3:00 P.M.	Mains	San Francisco	2-28
3-20— 2:30 P.M.	Paving	San Francisco	2-28
3-20— 2:30 P.M.	Paving	San Francisco	2-28
3-20— 2:30 P.M.	Paving	San Francisco	2-28
3-20—10:00 A.M.	Transmission Line	Westby, Montana	3- 1
3-20— 2:00 P.M.	Grading	Lake County	2-19
3-20— 2:00 P.M.	Steel	Central Valley Project	2-19
3-20— 8:00 P.M.,	Sewer	Burlington, Wash.	2-25
3-20— 1:00 P.M.	Camouflage	Fort MacArthur	3- 6
3-20— 2:00 P.M.	Driveway	Salt Lake City, Utah	3- 6
3-20— 2:00 P.M.	Driveway Repair	Salt Lake City, Utah	3- 6
3-21—10:00 A.M.	Water Well	Monterey County	3- 6
3-21—10:00 A.M.	Dam	Boise Project, Idaho	2-26
3-21—Tentative	Dam	Osage County, Oklahoma	2-27
3-21— 2:00 P.M.	Highway	San Bernardino	2-20
3-21—10:00 A.M.	Power Line	Vancouver, Wash.	2-28
3-21— 2:00 P.M.	Dredging	Moss Landing	3- 4
3-22—10:00 A.M.	Earthwork	Owyhee Project, Oregon.Idaho	3- 6
3-25— 7:00 P.M.	Sewer	San Pablo	3- 7
3-26— 2:00 P.M.	Arrester	Boise Project, Idaho	3- 5
3-26— 8:00 P.M.	Sewage Plant	Grandview, Wash.	3- 5
3-27— 1:00 P.M.	Embankment	Los Angeles	2-28
3-27—10:00 A.M.	Earthwork	Balmorhea Project, Texas	3- 1
3-27— 2:00 P.M.	Highway	Siskiyou County	3- 5
3-27—10:00 A.M.	Canal	Central Valley Project, Calif.	2-21
3-27 10:00 A.M.,	Earthwork	Central Valley Project	2-25
3-27—10:00 AM.	Structures	Tucumcari Project, New Mexico	2-21
3-27— 2:00 P.M.	Canal	Merced County	2-26
3-27— 2:00 P.M.	Bridge	Mendocino County	2-26
3-27— 2:00 P.M.	Bridge	Lake County	2-26
3-28— 2:00 P.M.	Bridges	San Diego County	2-26
3-29—10:00 A.M.	Transmission Line	Missouri Basin Proj., Wyoming	3- 1
3-29— 2:00 P.M.	Gate Frames	Davis Dam, Arizona-Nevada	3- 1
3-29—10:00 A.M.	Earthwork	Central Valley Project, Calif.	2-21
3-29—10:00 A.M.	Earthwork	Central Valley Project, Calif.	2-21
3-29—10:00 A.M.	Earthwork	Central Valley Project	2-18
4- 2— 2:00 P.M.,	Needle Valves	Denver, Colo.	2-13
4- 3—10:00 A.M.	Earthwork	Altus Project, Oklahoma	3- 1
4- 9—11:00 A.M.	Dam	Caddoa, Colo.	3- 5
4-10—10:00 A.M.	Excavating	Los Angeles	3- 6
SUPPLIES AND EQUIPMENT			
3- 8—	Kettles	Sacramento	3- 4
3-14—	Woodworking Machinery	Panama Canal	3- 6
3-11— 8:00 P.M.	Truck	Roseville	3- 4
3-11— 2:00 P.M.	Auto Parts	San Francisco	2-26
3-11— 5:00 P.M.	Pumper	Stockton	2-19
3-11— 8:00 P.M	Chevrolet	Lone Pine	2-21
3-11— 2:00 P.M.	Wire	Phoenix, Ariz.	2-27
3-11— 3:00 P.M.	Coils	San Francisco	2-27
3-11—	Ships	Oakland	2-28
3-11—	Cranes	Hunters Point	2-28
3-11— 2:00 P.M.	Lumber	San Francisco	3- 1
3-12—10:00 A.M.	Hydraulic Devices	San Francisco	2-28
3-12— 8:00 P.M.	Bus	Crescent City	2-28
3-12— 2 P.M.	Cars	Denver, Colo.	1-29
3-12— 2:00 P.M.	Annunciators	Boulder Canyon Project	2- 8
3-12— 2:00 P.M.	Lumber	San Francisco	2-26
3-12— 2:00 P.M.	Iinsulators	Socorro, N. M.	3- 1
3-13— 2:00 P.M.	Houses	Missouri Basin Project, Neb.	2-21
3-13— 5:30 P.M.	Steel Pipe	Oakland	3- 1
3-13— 2:00 P.M.	Reinforcing bars	Central Valley Project	2-28
3-13— 5:30 P.M.	Iron Pipe	Oakland	3- 1
3-13— 5:30 P.M.	Steel Pipe	Oakland	3- 4
3-13—	Truck	Sacramento	3- 4
3-14— 8:00 P.M.	Cable	Alameda	2-21
3-14— 8:00 P.M	Air Compressor	Alameda	2-21
3-14— 7:30 P.M.	Bus	Rio Vista	3- 5
3-15— 3:00 P.M.	Leather	San Francisco	3- 5
3-15— 2:00 P.M.	Houses	Missouri Basin Project, Wyo.	2-21
3-15— 2:00 P.M.	Houses	Missouri Basin Project, Wyo.	2-21
3-15—10:00 A.M.	Drum Gates	Central Valley Project	2- 1
3-15— 2:00 P.M.	Houses	Hungry Horse Project	2-20

(Continued on Page Seven)

For Better Building

(Continued from Page Two)

tained in cement gray, white, ivory, cream, light green, buff, blue and brick red; other colors available on special order. American Fluresit Co., Inc., 635 Rockdale Avenue, Cincinnati, Ohio.

WATERPROOF COATING

Recently introduced is an improved "Ranetite No. V Transparent Waterproofing" featuring a base of aluminum and calcium stearate. A clear coating, it is guaranteed to waterproof without changing the texture of the surface; it does not show after application on the outside of any mason finished building. Cannot be applied to any surface which has received paint or oil coatings. Comes ready for use, is applied with brush or spray. Ranetite Mfg. Co., Inc., 1917 S. Broadway, St. Louis 4, Mo.

FOR CONCRETE FORMS

A newly developed formula for "Formfilm" permits the coating of plywood concrete forms with the same thickness of film in one coat as previously obtained in two. Water repellent, it conditions the plywood so that it is highly resistant to warping or swelling, the manufacturers report. No concrete will adhere at any stage of drying. Tests are said to have proved that reuse of the plywood forms as often as four or five times without recoating is possible. A. C. Horn Co., 43-36 Tenth St., Long Island City 1, N. Y.

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GAS BURNER

Fundamental research on a new gas burner for domestic appliances, promising to result in quicker heating and greater economy of fuel, has been completed by the American Gas Assn. Testing Laboratories.

Technically known as the "100 per cent primary air burner", the new burner draws in all the air needed through an adjustable air shutter, and makes possible shorter and brighter flames which can be placed very close to the object being heated.

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DRAFTING TABLES

Two new adjustable "Work-Flow" tables—a "Tilt-Top Work Table" and a "Drafting Table"—are designed to provide the greatest possible utility and comfort for the tabletop workman.

The drafting table can be quickly adjusted in height and angle; storage space is provided for three extra boards and large drawers to accommodate working materials. The work table may be adjusted in height from 28¼ to 38¼ in for comfort of the operator in a sitting or standing position, and the top may be tilted from a level position to any angle up to 20 deg. Both tables are finished in dull green. Work Flow Equipment Co., 207 Wood St., Pittsburgh 21, Pa.

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NICKEL - LINED PIPE

The inside of steel pipe can be electro-plated with corrosion-resisting nickel or other metals by means of the new "Bart Lectro-Clad Process". which develops a smooth, ductile, pore-free nickel deposit fully adherent to the base metal. It can be applied to pipe or tubing up to 18 in. over-all diameter, in random lengths approximately 20 ft. The internally plated pipe can be welded, reduced and bent, hot or cold, without destroying any portion of the internal lining. Bart Mfg. Co., 227 Main St., Belleville 9, N. J.

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ROOFING METAL

A protected metal for roofing and siding on industrial and agricultural buildings consists of flat, corrugated or V-crimp steel sheets, the surfaces and edges of which have been treated with "Plastipitch", a compound which provides permanent adherence to metal at low as well as high atmospheric temperatures and protects the base from rusting, corrosion, salt air and the effects of chemical fumes. After the Plastipitch coating, the sheets are provided with additional surfaces to give extra protection. The material is said to be suitable for gutters, ventilators, flashings, ducts, etc., as well as for roofing and siding. Koppers Co., Inc., Tar and Chemical Division, Pittsburgh, Pa.

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SUPPLY INDICATIONS

MAHOGANY

First deliveries of Philippine mahogany since the war will be made in the summer of 1946 in the form of logs, providing shipping space is available, according to J. Raymond Peck, president of the Insular Lumber Co.

RUBBER

Measured against prewar consumption and even greater postwar requirements, 1946 will continue to be a "famine year" as far as natural rubber is concerned, the Rubber Manufacturers Assn. reports. High quality synthetic rubbers are in good supply.

HARDBOARD

The hardboard industry has experienced no stoppage of full output during the reconversion period, according to M. P. McCullough, president, Masonite Corp., and is now expanding manufacturing facilities to meet increasing demands. Because the stocks of wholesalers and dealers long have been depleted by war demands, however, it will be necessary for some time to allocate supplies, Mr. McCullough said. The end of 1946 "should find the situation improved".

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REFILLABLE PENCIL

A "Draftsman's Refillable Pencil", new on the market, has a clutch that holds the lead firmly in a non-slip rubber grip that prevents the nicking and scoring of lead which cause breakage. Especially designed for engineers and draftsmen, it has a long barrel permitting the use of any full-length standard drafting lead. The grip is knurled to provide a firm hold; an adjustable cap offers easy identification of the degree of lead used. Chas. Bruning Co., 3654-8 Montrose Ave., Chicago 41, Ill.

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PLANT FOR FLOOR TILE

Work is to commence at once on a new one-story building, 427 by 127 ft., constructed of structural steel and cinder block, at the Kearny, N. J., plant of Congoleum-Nairn, Inc. The building will be used for the manufacture of asphalt floor tile. Epple and Kahrs of Newark are the architects and engineers, Turner Constr. Co., contractors.

A Message to a Homeless Veteran

YOU are home from the wars. You fought for your country and now you want the things that every American wants—a job and a good home.

You should have that home. You are entitled to it, but there just aren't enough homes to go around. Maybe you're wondering why somebody doesn't do something.

What we have to say to you isn't going to be easy. Nor is it going to be easy for you to take. We believe, however, that you would rather have it "straight" than to be kidded.

So here it is, straight from the shoulder:

There is no way by which the building business, the government, the President, the Congress of the United States or anyone else, can provide this year all the homes you and the other people of this country want. No amount of money appropriated by Congress can do it.

Several hundred thousand homes are going to be built, of course. Maybe you'll be one of the lucky ones to get one. The building industry, working with the government, will do everything in its power to supply veterans' needs first. Even so, a lot of you boys are going to be disappointed. "But why?" you ask. "Why can't we build a million homes this year?" "Let's get the assembly lines going again, prefabricate them, use the wartime airplane plants. Whatever you need to do, let's do it. But let's build homes quick!"

We wish it were that easy. We already have a lot of prefabricating plants making homes and they're no better off than any other home builder because they too can't get toilet bowls, bathtubs, lumber, etc.

If you do not get your new home this year, it will be for the same reason that a lot of you will not be able to buy a refrigerator, or an automobile, or nylon hose, or white shirts, or a suit of clothes. There aren't enough materials coming out of the factories.

Remember, the manufacturers of building materials and equipment went through the same war that the automobile people did. For 3½ years, while you were fighting on the shooting front, the building industry along with other industries was working with might and main to build and maintain the huge war plant on the home front. We found out with automobiles, nylons and refrigerators, it takes time to reconvert. The building industry was not allowed to start reconversion until after the Japanese war was over. We've had our share of strikes and labor troubles, too.

The war ended in August but home building restrictions were not lifted until October 15, 1945, less than five months ago. Yet home builders did their part; in the first 60 days they started over 125,000 homes. Many of them are not completed yet because we can't get materials, equipment and labor enough. Yes, the builders did their part, but they couldn't compete with the military. Don't let anybody tell you we fell down on the job. Good as you were as a fighting man, the best in the world, even the Japs had you tied down until you got the materials.

But once you got the stuff, Germans, Japs and nobody else could stop you. Same way with the building industry. Gradually we're clearing away the bottlenecks giving home builders the green light. Gradually we're getting more and more stuff every day, and more and more homes are being completed, more and more are being started. By the end of this year we'll be going at a million-a-year clip, and you'll have your home.

We in the building industry foresaw that this crisis would happen: We urged the government long before the end of the war to let us get our plants and plans in shape. We knew you would want a home when you got back. The government said "No!"

Well, maybe that was all right. You were fighting a tough war and you needed the stuff. But it meant the building industry could not be ready for you when you got home. We'll see that you get a home faster than anybody else can get it for you.

But what you and we should really be afraid of is that amateur tampering with so complex a thing as the building business, may prolong the home shortage unnecessarily. This could easily happen if, instead of putting all our energies on breaking the real bottleneck, we allow ourselves to be stampeded into impractical visionary schemes to produce houses by the million *when there won't be materials and equipment enough to produce more than half that many this year,* unless obstacles are removed.

Some of the ideas that are being advocated by well meaning men are so dangerous that they might upset our entire economy for years to come and delay home building indefinitely.

You don't want this to happen because it would hurt you and all the rest of the people of the United States, *and it wouldn't get you the home you want.*

You can help prevent it if you will remember that housing, like a lot of other things, is a war casualty, and that only common sense and an all-out attack on the real bottlenecks will cure it.

What are the bottlenecks?

We've already mentioned a shortage of materials. But much of this shortage is due to OPA. We're not suggesting that all price control be removed. We are suggesting that OPA stop standing in the way of production of more materials and equipment. We are suggesting that OPA stop thinking in terms of war, "reconvert," and start thinking in terms of peace and production.

One of the most serious shortages we have is in sanitaryware, plumbing supplies, radiators and the like. OPA for some time has had dozens of applications for price adjustment in this industry alone. They haven't done anything at all about them. In the meantime, manufacturers cannot get labor, because they can't afford to pay enough.

You've heard about the lumber shortage. Lumber mills are producing lots of lumber but not much of the kind that's used in homes. Why not? Largely because OPA is still operating on a wartime basis, allowing higher prices on non-home lumber and on lumber for export. These are just two of many examples.

Right there is bottleneck No. 1

Bottleneck No. 2 is labor in the field. As you know, the boys were slow in coming back and those that did, often went on other than home-building jobs. We've done something about that by giving home builders priorities on materials for veterans' homes. This will mean less general construction and so more labor will be available to build homes.

When these two bottlenecks—production and labor—are cleared away, homes will go up fast.

When we read daily about the unhappiness of thousands of veterans who can't find a home of their own, our emotions are apt to run away with us. The President says there are 5,000,000 homes needed immediately; Wilson Wyatt, our new housing chief, says 2,500,000. Thoughtful studies by economists of the Producers' Council (manufacturers) put the figure at about 850,000.

No one really knows what's correct.

But just five years ago the building industry could find customers for only 450,000 homes. Is it reasonable to suppose we desperately need 5 million?

It is important to the welfare of the people of the whole nation that you and we do some very straight thinking on this problem.

There are 6,000,000 people dependent on the building industry for a living. Perhaps you are one of them, or your brother, your father, your uncle. It is the second largest industry in the country. Let's be very careful how we monkey with the machinery that makes it run, lest our monkey wrench slip and we find we've wrecked the machinery that provides jobs for 6,000,000.

That wouldn't do you any good.

Suppose we set up assembly lines all over the country to produce houses by the million. It wouldn't help you NOW because the real bottleneck isn't home building *capacity,* it's *materials* and *equipment.* And there is every assurance that, if we did produce millions of homes in this way, they would not be the kind of homes you want, and that they would cost more. There is this fact, however:

Hundreds of thousands of carpenters, bricklayers, plumbers, electricians and other workmen, all of whom now earn their living building homes, would not have jobs. In the meantime, thousands of other workmen would have to be recruited from the already scarce ranks of labor in this country, trained and taught new skills and new techniques to build house panels in government factories. Maybe you've forgotten how long it took to work out assembly line techniques for airplanes and tanks, and that was in wartime when nobody cared how much it cost and how much sacrifice it entailed. It would take years to build a new giant industry to produce the millions of factory-made homes everyone so glibly talks about.

In the meantime, we have ready at hand, anxious to get going, a home building industry capable of producing a million—yes, a million-and-a-half—homes a year. We built 937,000 in one year, as far back as 1925, and did five billion dollars of other building besides. The labor and materials that went into this five billion dollars of non-residential building was the equivalent of another 900,000 homes.

You don't have to wait for a new giant industry to be created from scratch.

You don't have to risk wrecking our existing economy while waiting for a new type of industry.

You won't have to live in a "housing project" which is not the American ideal of a home.

The building industry, working with the government, is clearing away the wartime bottlenecks as fast as possible. By Fall we can be building at a million-homes-a-year pace, or better.

You'll have your new home as fast as you'll have your new car.

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ADVANCE CONSTRUCTION REPORTS

DAILY PACIFIC BUILDER
(Established 1890)
Issued Every Morning, Except Saturday, Sunday and Legal Holidays

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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1-8—COMMERCIAL BLDGS.

3/8/46 • 2
TO ASK BIDS
HANGARS
HUMBOLDT COUNTY, Calif. Humboldt County Airport.
Construction of airplane hangars.
Owner—County of Humboldt, Courthouse, Eureka.
Architect—Not announced.

3/8/46 • 2
BOND ELECTION PLANNED
CITY GARAGE
SPARKS, Washoe County, Nev.
Construction of new city garage and storage yard.
Owner—City of Sparks, D. J. Fodrin, mayor, Sparks.
Architect—Not announced.

Bond issue for $135,000 to include above construction probably will go before the city's voters around May 1.

3/8/46 •• 2
COMPLETING WORKING DRAWINGS
LABORATORY BUILDING
MARTINEZ, Contra Costa County, Calif.
Construction of two-story laboratory building with provision for third floor.
Owner—Shell Oil Co., 100 Bush St., San Francisco.
Architects—Harry A. Thomsen Jr. and Aleck L. Wilson, Architects Associated, 315 Montgomery St., San Francisco.

3/8/46 • 4
PREPARING WORKING DRAWINGS
MEDICAL-DENTAL BUILDING
OAKLAND, Alameda County, Calif. Summit St.
Construction of two-story frame and stucco medical-dental building (8 units).
Owner—Withheld.
Architect—Chester H. Treichel, 696 Cleveland St., Oakland.

3/8/46 • 4
PREPARING WORKING DRAWINGS
MEDICAL-DENTAL BUILDING
OAKLAND, Alameda County, Calif. 28th Street.
Construction of two-story frame and stucco medical-dental building (8 units) to contain 5500 sq. ft. floor area.
Owner—Withheld.
Architect—Chester H. Treichel, 696 Cleveland St., Oakland.

3/8/46 •• 4
PLANS BEING FIGURED—
BIDS OPEN MARCH 8, 7 P. M.
OFFICE BUILDING
Approximate Cost, $40,000
SAN RAFAEL, Marin County, Calif. Southwest corner 2nd and D Sts.
Construction of one-story reinforced concrete office building.
Owner—Withheld.
Lessee—Pacific Tel. & Tel. Co., 140 New Montgomery St., San Francisco.
Architects—S. Herman & Ralph Pollock, 605 Market St., San Francisco.

As previously reported, plans are being figured by the following contractors:

De Luca & Son, 1745 Filbert St., San Francisco.

Litchfield Construction Co., 721 Francisco Blvd., San Rafael.

Younger Construction Co., Cheda Bldg., San Anselmo.

I. M. Sommer & Co., 580 Market St., San Francisco.

Ellington & Mitchell, 576 Natoma St., San Francisco.

3/8/46 •• 3
TO START CONSTRUCTION
WAREHOUSE AND OFFICE BLDG.
Cost, $175,000
SAN FRANCISCO. Southeast 17th and Harrison Sts.
Construction of two-story class B warehouse and office building, with frame for third floor.
Owner—Pacific Coast Aggregates, Inc., 85 2nd St., San Francisco.
Architects—Harry A. Thomsen Jr. and Aleck L. Wilson, Architects Associated, 315 Montgomery St., San Francisco
Structural Engineer—John J. Gould, Financial Center Bldg., San Francisco.
Mechanical Engineer — Leland & Haley, 58 Sutter St., San Francisco.
Electrical Engineer—Lyle E. Patton, Crocker First National Bank Bldg., San Francisco.
Contractor — Dinwiddie Construction Co., Inc., 210 Crocker Bldg., San Francisco.

3/8/46 • 4
PREPARING SKETCHES
MEDICAL-DENTAL BUILDING
REDWOOD CITY, San Mateo Co., Calif
Construction of one-story frame and stucco medical-dental building (4 units).
Owner—Withheld.
Architect—Chester H. Treichel, 696 Cleveland St., Oakland.

3/8/46 • 5
PLANNED
RESTAURANT Est. Cost, $200,000
VACAVILLE, Sacramento Co., Calif. Highway.
Construction of building to house the "Nut Tree"
Owner—Nut Tree Restaurant, Highway, Vacaville

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9-10—EDUCATIONAL BUILDINGS

3/8/46 • 10
PROSPECTIVE BIDDERS
MAINTENANCE BUILDING
KENTFIELD, Marin County, Calif. Marin Junior College Campus.
Construction of one-story concrete block maintenance building.
Owner—Marin Junior College District, W. H. Austin, principal, Kentfield.
Architect — Arnold S. Constable, 95 Spencer Ave., Sausalito.

As previously reported, bid will be opened March 14, 8 P. M.

Plans and specifications may be obtained at the office of the Junior College in the main building at Kentfield upon deposit of $25, returnable.

The following contractors have taken out plans:

C. L. Wold Construction Co., Ltd., 4412 Fulton St., San Francisco.

DeLuca & Son, 1745 Filbert St., San Francisco.

3/8/46 •• 9
CONTRACT AWARDED
SCHOOL BUILDINGS
Contract Price, $262,161
EL CERRITO and RICHMOND, Contra Costa County, Calif. Castro School, located on northwest corner Donal Ave. and Lawrence St. in El Cerrito, and the Alvarado School, located at northwest corner of Placer and Sutter Sts. in Rchmond.
Construction of two school buildings to be bid upon in one lump sum bid. The buildings to be of concrete, frame and stucco construction, each to contain eight classrooms, kindergarten and general utility rooms, also a basement under a portion of one end of building.
Owner—Richmond Union School District, Walter F. Helms, superintendent of schools, Administration Bldg., 1108 Bissell St., Richmond.
Architects—Dragon & Schmidts, 2068 Allston Way, Berkeley.
Contractor—Elmer J. Freethy, 1432 Kearney St., El Cerrito.

Complete base bids were:

Elmer J. Freethy, El Cerrito, $262,161.

James I. Barnes Construction Co., San Francisco, $283,000.

M. J. King, Inc., San Francisco, $289,814.

John M. Bartlett, Berkeley, $298,300.

Moore & Roberts, San Francisco, $312,725.

A. Farnell Blair, San Francisco, $333,072.

3/8/46 •• 10
COMPLETING WORKING DRAWINGS
SCHOOL BUILDINGS Cost, $300,000
DAVIS, Yolo County, Calif. Davis Campus
Construction of a 2-story reinforced concrete soils and irrigation building on the University of California Campus, Davis, Yolo County.
Owner—The Regents of the University of California, Berkeley, Calif.
Architect—H. A. Thomsen Jr., 315 Montgomery St., San Francisco.

3/8/46 • 3
BIDS OPENED

BARSTOW, San Bernardino Co., Calif.—Clifford C. Bong, 6 N. 1st St., Arcadia, at $111,314.88, submitted low bid to the U. S. Navy, Public Works Department, 11th Naval District, San Diego, March 5 for the construction of additional storage facilities at the Marine Corps Depot of Supplies, Barstow; Spjecification No. 17286. The work involves earthwork, portland cement soil stabilization, plant mixed pavement, concrete work, track work, carpentry and joinery, water pipe and hydrants and other miscellaneous work.

Bids were submitted on the following items:

(1) lump sum, entire work complete;
(2) deduct from (1) for omission of portland cement soil stabilization and armor coat, as covered by alternative "A";
(3) deduct from (1) for omission of portland cement soil stabilization and armor coat, as covered by alternative "B";
(4) deduct from (1) for omission of portland cement soil stabilization and armor coat as covered by alternative "C";
(5) deduct from (1) for omission of portland cement soil stabilization and armor coat as covered by alternative "D";
(6) deduct from (1) for substitution of 14-ft. wide bridge and corresponding approach paving in lieu of the 22-ft wide bridge and corresponding approach paving as covered by alternative "E."

The complete bids were:

Clifford C. Bong, (1) $111,314.88, (2) $4970, (3) $5286, (4) $3153, (5) $3915, (6) $3000.

Imhoff & Associates, (1) $148,531, (2) $6970, (3) $7079, (4) $4642, (5) $5220, (6) $1571.

George Herz & Co., (1) $173,979.63, (2) $7921, (3) $8117.58, (4) $5552.26, (5) $6653.96, (6) $4415.30.

Robert E. McKee, (1) $400,000, (2) $16,000, (3) $17,000, (4) $11,000, (5) $13,000, (6) $3500. (A telegraphic modification was returned unopened; received too late.)

3/8/46 • • 9
PLANS COMPLETED
SCHOOL BUILDING
Approx. Cost. $285,000
RICHMOND, Contra Costa Co., Cal. 35th and Chanslor Streets.
Construction of two-story 28-classroom school building.
Owner—Richmond Union School District, Walter F. Helms, Supt. of Schools, 1108 Bissell Avenue, Richmond.
Architects—Dragon & Schmidts, 2068 Allston Way, Berkeley.

Plans have been completed and forwarded to Sacramento for approval.

11—HOSPITALS

3/8/46 • 11
FUNDS AWARDED
HOSPITAL Est. Cost, $193,670
HOT SPRINGS, New Mexico.
Construction of surgeon's residence, patients' dormitory, clinic and isolation wards, all concrete foundations, masonry walls, stucco, steel joists, insulated roof, tile and linoleum floors.
Owner—The Carrie Tingley Crippled Children's Hospital, Ira V. Boldt, administrator, Hot Springs, N. M.
Architect—W. C. Kruger, Santa Fe, N. M.

The Bureau of Community Facilities, Federal Works Agency, 2223 Fulton St., Berkeley, Calif., has awarded funds in amount of $7240 to assist in preparation of plans.

3/8/46 11
SUB-CONTRACTS AWARDED
MEDICAL ARTS BUILDING
Estimated Cost, $50,000
RENO, Washoe County, Nev. Chestnut and Fifth Sts
Construction of two-story medical arts building.
Owner—Dr. R. P. Rheuben, Medico-Dental Bldg., Reno, Nev., head of syndicate ownership.
Architect—Architectural Plan Service, 606 W. 5th St., Reno, Nev.
Contractor—Johnson, Drake & Piper, Inc., 1736 Franklin St., Oakland 12, Calif.
Roofing—Modern Builders, 817 E. 4th St.
Plumbing—Savage & Son, Inc., 628 S. Virginia St.
Electric Wiring—Electric Service Co., Moana Lane.
Heating—Heating & Air Conditioning Supply, Inc., 203 Sierra St.
Tile Work—J. W. Snyder Tile & Marble Co., 729 E. 2nd St.
Brick and Stone Work—Smith-Petersen Co., Box 1148.
Painting—Andrew Solari, 634 Vine St.
Lathing, Plastering—Louis Michitsch, 1243 Nixon Ave.
Linoleum — Nevada Paint & Floor Service, 203 E. 2nd St.
All of Reno, Nev.

3/8/46 •• 11
FUNDS ALLOTTED
MEDICAL CENTER EXPANSION
SAN FRANCISCO.
Reconstruction and expansion of University of California medical center, including replacement of three buildings designated as fire and earthquake hazards.
Owner — University of California, Berkeley.
Architect—Not given.

Governor Warren signed March 6 a bill appropriating $4,000,000 for the above construction. In addition, $4,670,000 will be available for a teaching hospital, $2,275,000 for a medical science unit and $135,000 for dental clinic expansion.

12-13—INDUSTRIAL BUILDINGS

3/8/46 • 12
SITE PURCHASED
OIL TERMINAL
OAKLAND, Alameda County, Calif. Foot of High St.
Construction of new terminal plant, including warehouse, tanks, pipeline, etc.
Owner—Richfield Oil Corp., 833 47th Ave., Oakland.
Plans by engineering department of owner.

3/8/46 • 13

CALIFORNIA, NEVADA, ARIZONA and UTAH.—The Civil Aeronautics Administration, 1500 4th St., Santa Monica, will call for bids starting about March 11 for the construction of buildings and towers for VHF radio range facilities in California, Arizona, Nevada and Utah.

The work at each facility consists of the construction of foundation and erection ofgovernmentfurnished prefabricated steel frame 16x24-ft. transmitter building, 12x12x30-ft. steel tower with 35-ft. counterpoise, 12x12-ft. plywood panel antenna house, furnish and install electrical wiring and paint, install 550-gallon fuel tank and 8 kva. engine generator, 500-ft. of fencing and gate, 750x9-ft. gravel road and gravel parking area, install 3 poles and approximately 900-ft. of underground cable for power and radio monitors.

Bids will be received in groups of five stations within the same general area, issued at approximately two-week intervals, for a total of approximately 40 stations. The first group will be for stations in California, probably at San Diego, Long Beach, Santa Barbara, Daggett, Bakersfield, Paso Robles, Salinas, Fresno, San Francisco, Oakland, Palmdale, Concord, Sacramento, Williams, Red Bluff and Fort Jones.

3/8/46 12
PLANS COMPLETED

PASADENA, Los Angeles Co., Cal. —The office of the Stiles Clements, associated architects and engineers, 1135 Van Nuys Bldg., 210 W 7th St., Los Angeles, has completed plans for construction of a one- and part four-story masonry industrial building at Foothill Blvd. and Eaton Wash, Pasadena, for Allied Products, Inc., Suffern, N. Y., manufacturers of Avon cosmetics.

The building will contain one elevator; estimated cost, $500,000. Wm. Simpson Constr. Co., 816 W 5th St., Los Angeles, has been notified to proceed at once with the construction of the foundation for the building.

3/8/46 12
CONTRACT AWARDED

LOS ANGELES, Calif.—Contracting Engineers Co., 2310½ W. Vernon Ave., Los Angeles, awarded contract for the construction of a reinforced concrete and brick factory building at the NE corner of 60th and Gramercy Streets, Los Angeles, for the Crown Upholstering Co., Sam Barman, owner; 80,000 sq. ft. estimated total floor space, 18,000 sq. ft. of which will be reinforced concrete construction, remainder reinforced brick. Est. cost, $250,000.

Plans were prepared by Means & Bennett, engineers, 508 W Santa Barbara St., Los Angeles.

3/8/46 • • 13
BIDS WANTED

SAN FRANCISCO.—Until Apr. 2, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Water Dept. Contract No. 413 for furnishing and installing hot water storage tank and alterations in boiler room of Water Department Bldg., 425 Mason Street.

Specifications obtainable from the cashier's office, 6th floor, 425 Mason Street, upon deposit of $5.00.

14-17—PUBLIC BLDGS.

3/8/46 • 15
FUNDS AWARDED
SUPREME COURT AND LIBRARY BUILDING
Estimated Cost, $48,940
CARSON CITY, Ormsby Co., Nev.
Addition to present supreme court and library building to occupy 3700 sq. ft. of space; of masonry construction.
Owner—State of Nevada, Vail Pittman, governor, Carson City.

The Bureau of Community Facilities, Federal Works Agency, 2223 Fulton St., Berkeley, Calif., has awarded funds in amount of $2000 to assist in preparation of plans.

3/8/46 • 15
BIDS WANTED

SAN FRANCISCO. — Until March 18, 2 P. M., bids will be received by the Board of Park Commissioners, McLaren Lodge, Golden Gate Park, for repairs to roof of Coit Tower on Telegraph Hill.

Specifications obtainable from the above office.

3/8/46 • 14
FUNDS AWARDED
HISTORICAL MONUMENT
Estimated Cost, $11,500
CARSON CITY, Ormsby Co, Nev. Genoa Fort, southwest of Carson City and north of Gardnerville.
Restoration of Genoa fort and stockade, exterior of building and stockade of half-rounded logs, the outer boundary of the stockade to be about 400 feet long and the buildings to cover around 2000 sq. ft.
Owner—Nevada State Park Commission, Robert A. Allen, superintendent, Carson City.

The Bureau of Community Facilities, Federal Works Agency, 2223 Fulton St., Berkeley, awarded funds in amount of $800 to assist in preparation of plans.

3/8/46 • 16
BIDS OPENED

BRAWLEY, Imperial Co., Calif.—R. A. Newman, McMinnville, Ore., at $1736, submitted low bid March 6 to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting and miscellaneous repairs at the U. S. Post Office at Brawley.

Other bidders were:

Klaas Bros., Los Angeles, $1917.

F. O. Simpson, Los Angeles, $2335.

Dan Sullivan, Santa Monica, $2920.

3/8/46 • 16
BIDS OPENED

COVINA, Los Angeles Co., Calif.—Gayton Engineering Co., Huntington Park, at $666, submitted low bid March 6 to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for exterior painting, etc., at the U. S. Post Office, Covina, Calif.

Other bidders were:

Acme Maintenance Engineers, $669.

Williams & Kelly, $793.

Dan Sullivan, $970.

R. A. Newman, McMinnville, Ore., $1019.

3/8/46 • 16
BIDS OPENED

CALEXICO, Imperial Co., Calif.—F. O. Simpson, Los Angeles, at $746, submitted low bid March 6 to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S Appraiser's Bldg., San Francisco, for exterior painting, etc., at U. S. Post Office, Calexico, Calif.

Dan Sullivan, at $930, submitted only other bid.

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Tube Steam Radiation, Spec. No. 17460, NOy 13296	San Leandro	3- 8
Spec. 1172 Earthwork, Canal Lining,	Friant-Kern Canal	3-12
8 Miles Railroad NOy 13469; Spec. 17620	Stockton	3-14

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Escalator and Elevator Additions, Lincoln Bldg., 867 Market Street, San Francisco; Bids open March 12, 3:00 P. M.
Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco (EXbrook 5616)
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
H. H. Larsen Co., 64 South Park, San Francisco (EXbrook 3190)

Superstructure for Ordnance Shop, San Francisco Naval Shipyard; NOy 12968; Spec. 17152; Bids open March 18, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
E. S. McKittrick Co., 610—16th St., Oakland (TWin Oaks 5070).
M & K Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
A. Farnell Blair Co., Inc., 9 Main St., San Francisco (YUkon 0390).
Moore & Roberts, 693 Mission St. San Francisco (GArfield 8579).
Peter Kiewit Sons' Co., 442 Post St., San Francisco (EXbrook 5736).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)

Alter Apt. House, 601 O'Farrell St., San Franciscoo; Bids open Mar. 8, 2 PM.
G. P. W. Jensen & Sons, Inc., 320 Market St., S. F. (GArfield 2444)
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).

Esberg Rresidence, 16th Ave. and Presidio, S. F.; Bids open Mar. 8, Noon.
G. P. W. Jensen & Sons, Inc., 320 Market St., S. F. (GArfield 2444)
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).
Elvin C. Stendell, 2278 Market St., San Francisco (HEmlock 5352).

Alter Yolo Theatre, Woodland; Bids open March 13, 2:00 P. M.
Mariposa Constr. Co., 198 Mississippi St., S. F. (UNderhill 0375)
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).
Alfred J. Hopper Co., 243 Langton St., San Francisco (MArket 7070)

Bank Building, East Salinas; Bids open March 12.
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)

Drug Storage Bldg., 4th and Clementina Streets, San Francisco; Bids open March 15, 10:00 A. M.
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616).
E. S. McKittrick Co., Inc., 610—16th Street, Oakland (TWinoaks 5070).
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).

Remodel Ford Agency, Market St. and Duboce Ave., San Francisco; Bids open March 15, 2:00 P. M.
Jacks & Irvine, 620 Market St., San Francisco (GArfield 2106).
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

Improve Facilities, South San Francisco, E. I. du Pont plant; Bids open March 18, 4:00 P. M. (EST).
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).

Medical-Dental Building, Geary Blvd. and 14th Ave., San Francisco; Bids close March 14, 5:00 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
M. J. King, Inc., 231 Franklin St, San Francisco (UNderhill 8209).

Firehouse Addition, San Francisco Naval Shipyard; NOy 13034; Bids close March 20, 11:00 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).

Two Pumping Plants, Gordon Valley Pipeline; Bids open Mar. 12, 9 A.M.
J. A. Bryant, 1815 Capital Street, Vallejo.

Market Bldg., 25th Ave. and Noriega St., S. F.; Bids close Mar. 11, 2 P. M.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

School Buildings, Pittsburg; Bids close March 18, 8:00 P. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).

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ADVANCE CONSTRUCTION REPORTS

3/8/46 • 16
BIDS OPENED

REEDLEY, Fresno Co., Calif.—H. W. Lyons, Fresno, at $1626.10, submitted low bid March 6 to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting and miscellaneous repairs at the U. S. Post Office, Reedley.

Other bidders were:
Dan Sullivan, Santa Monica, $1820.
Patterson Bros., Oakland, $1828.
R. A. Newman, McMinnville, Ore., $1965.

3/8/46 • 16
BID OPENED

SONOYTA, Ariz.—Nelson Electric Co, Inc., Phoenix, Ariz., at $680, submitted only bid March 6 to the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for furnishing and installing new lighting plant in the U. S. Border Station at Sonoyta (mailing address, Ajo, Ariz.)..

3/8/46 •• 14
TO PREPARE PLANS
MEMORIAL HALL
WEAVERVILLE, Trinity Co., Calif.
Construction of a new veterans' memorial hall.
Owner—County of Trinity, county clerk, Weaverville.
Architect—Otto A. Deichmann, 1026 Market St., San Francisco.

18-19—RELIGIOUS BLDGS. BUILDINGS

3/8/46 19
PLANNED
MORTUARY
SAN JOSE, Santa Clara Co., Calif. NE corner of 10th and East Santa Clara Streets.
Expansion of mortuary establishment.
Owner—Roger Darling Garden Chapel, 471 E Santa Clara Street, San Jose.

20-21—SOCIAL AND RECREATIONAL BLDGS.

3/8/46 • 20
FUNDS AWARDED
RECREATION BUILDING Estimated Cost, $109,000
LONG BEACH, Los Angeles Co., Calif. Bixby Park.
Construction of one-story wood frame and stucco structure with tiled roof to cover approximately 11,000 sq. ft. of floor space. The building will contain a part basement covering about 2700 sq. ft.
Owner—City of Long Beach, S. E. Vickers, city manager, Long Beach.

The Bureau of Community Facilities, Federal Works Agency, 2223 Fulton St., Berkeley, awarded funds in amount of $4650 to assist in preparation of plans.

3/8/46 • 20
BOND ELECTION

WILLOWS, Glenn Co., Calif.—The City of Willows will vote April 9 on a proposal to issue bonds in amount of $20,000 for a swimming pool, $15,000 for a youth building and a 10 per cent tax for operations and maintenance of the pool and youth center.

3/8/46 21
PREPARING PLANS

LONG BEACH, Los Angeles Co., Calif.—Architect Hugh Gibbs, 441 E. 1st St., Long Beach, is preparing preliminary plans for construction of a theater building on Pacific Ave. near 25th St., Long Beach, for Cabart Theaters Corp., Ocean Blvd. and Pine Ave., Long Beach. The building will contain six stores and a 1200-seat auditorium; 150x450 feet in area; estimated cost, $250,000.

22-26—RESIDENTIAL BUILDINGS

3/8/46 26
PLANNED

LONG BEACH, Los Angeles Co., Calif.—Biltmore Homes, Inc., 6330 Cherry Ave., Long Beach, will build 60 3-bedroom dwellings in the North Long Beach district for M. Taper; frame and stucco construction. Plans were prepared by Hugh Gibbs, architect, 441 E. 1st St., Long Beach.

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3/8/46 26
TO START WORK
SUBDIVISION
SPARKS, Washoe County, Nev. East of the northeast corner of Prater Way and Pyramid Ave.
Construction of 15 homes to be known as Huyck Subdivision.
Owner—Mrs. Gladys E. Huyck, 445 9th St., Sparks, Nev.

Work is expected to start within the next few days.

3/8/46 26
TO START WORK
RESIDENCES Est. Cost, $8,000
YUBA CITY, Sutter County, Calif. Fippin Tract.
Construction of 57 frame and stucco residence buildings (1150x1200 ft.), two bedrooms each; 10 of the homes will be of basalite.
Owner and Builder—McCoy & Butler, 1128 F St., Marysville, Calif.

Construction will start within the next two weeks.

3/8/46 • 22
SITE PURCHASED
RESORT Cost, $150,000
DOUGLAS CITY, Trinity County, Calif.
Construction of 14-unit motel, cocktail lounge and restaurant, large store, service station, and an artificial lake.
Owner — Earl C. Ford, c/o Lance Johnson, construction manager, Douglas City.
Architect—Not announced.

3/8/46 • 25
BIDS WANTED

MARIN, Napa and Sonoma Cos., Calif.—Until March 11, 3 P. M., bids will be received by the State Division of Highways, J. H. Skeggs, District Engineer, 2001 Van Ness Ave., San Francisco, for rental of pneumatic-tired dump trucks of not less than 4 c.y. level capacity for approx. 250 hours of work each in Napa, Marin and Sonoma Counties.

Specifications obtainable from the above office.

3/8/46 •• 22
PREPARING PLANS
REMODEL HOTEL
SAN FRANCISCO, Calif. 351 Geary Street
Remodel front and store of Hotel Stewart.
Owner—Hotel Stewart, 351 Geary St., San Francisco.
Architect — Hertzka & Knowles, 85 Post St., San Francisco.

3/8/46 23
CONTRACT AWARDED

LOS ANGELES, Calif.—The Murch Construction Co., 1044 S. Robertson Blvd., Los Angeles, has the contract to construct a 10-family, 50-room concrete block apartment court at 901-15 Levering Ave., West Los Angeles District, for Marvin A. Kahn, 4011 Bandini Blvd., Los Angeles. The buildings will be two and three stories high; cost, $75,000.

3/8/46 • • 22
CONSTRUCTION STARTED
HOTEL Cost, $500,000
LAS VEGAS, Clark Co., Nev. Old Ferguson Property.
Construction of hotel containing 86 rooms, dining room, banquet rooms bar, large lobby, 10 3-room bungalows, swimming pool, riding stables, and other sport facilities; cement block wall construction, composition roofing, carpet and asphalt tile floors, tiled baths and showers, steel stud and metal lath and plaster partitions, acoustical materials, steel sash, interior plaster, venetian blinds, air conditioning, etc.
Owner—Nevada Desert Inn, Inc.
Architect—Paul R. Williams, 3757 Wilshire Blvd., Los Angeles.
Contractor—Nevada Constr. Co., 421 W Bonanza St., Las Vegas.

28-30—MISCELLANEOUS BUILDINGS

3/8/46 • 29
BIDS WANTED

SAN FRANCISCO.—Until March 18, 2 P. M., bids will be received by the Board of Park Commissioners, McLaren Lodge, Golden Gate Park, for painting work at Balboa Park nursery.

Specifications obtainable from the above office.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Water Supply and Sewage Disposal Plants 31-32
Bridges 33
Dams, Reservoirs and Dredging 34
Docks, Piers & Harbors 35
Parks, Airports and Playgrounds 36
Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

3/8/46 • 31
BIDS WANTED

SAN FRANCISCO. — Until March 18, 2 P. M., bids will be received by the Board of Park Commissioners, McLaren Lodge, Golden Gate Park, for installation of pumping plant at Lake Merced.

Specifications obtainable from the above office.

3/8/46 32
BOND ELECTION

ESCONDIDO, San Diego Co., Cal.—Voters of the City of Escondido will hold an election April 9 to vote on the proposition of issuing bonds in the amount of $100,000 to finance improvements for the sewage treatment plant. The project will involve doubling the size of the present plant and changing to a standard filter plant. Plans are being completed by Quinton Engineers, Ltd., 816 S Figueroa St., Los Angeles.

3/8/46 • • 32
BOND ELECTION

TULARE, Tulare Co., Calif.—City of Tulare will vote April 23 (not April 9, as previously reported) on a proposal to issue bonds in amount of $500,000 for improvements to the sewage system and disposal plant. One proposition calls for $300,000 for new sewer trunk lines and a new outfall line from the city to the disposal plant, and the other would create a $200,000 fund for work on a storm sewer project. City engineer is John Boardman. Plans are being prepared by Quinton Engineers, 816 S. Figueroa St., Los Angeles.

3/8/46 • • 31
BIDS WANTED

CONTRA COSTA COUNTY, Calif.—Until March 20, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Room 406, 512—16th St., Oakland, under LS-352 for construction of Schapiro pumping plant near Richmond, including furnishing all labor and materials.

Specifications obtainable from the above office.

(Continued on Page Seven)

33—BRIDGES

3/8/46 •• 33
BIDS WANTED

SAN RAFAEL, Marin Co., Calif.—Until April 1 bids will be received by the City of San Rafael, city clerk, City Hall, San Rafael, for construction of concrete bridge structure along Upper Toyan Dr.; estimated cost, $1400.

Specifications obtainable from the above office.

3/8/46 • • 33
LOW BIDDER

SAN DIEGO COUNTY, Calif.—O'Rourke & Parker, 2779 Jackson Ave., Garvey, at $39,334 submitted low bid to G. T. McCoy, state highway engineer, 808 State Bldg., Los Angeles, for construction of reinforced concrete slab bridges across Matagual Valley Creek, Canada Verde Creek and Acorn Creek, between 2 and 17 miles north of Morettis (XI-SD-78-D,E), in San Diego County.

34—DAMS, RESERVOIRS & DREDGING

3/8/46 34
CONTRACT AWARDED

ASTORIA, Ore.—General Construction Co., 3840 Iowa St., Seattle, Wash., at $776,000, awarded contract by the Bureau of Yards and Docks, 12th Naval District, Exchange Bldg., Seattle, Wash., for the following work on inactive fleet berthing facilities:

Remove and dispose of two seaplane ramps, dredge 3,000,000 cu. yds. material other than solid rock, dredge and dispose of same into breakwater, remove and dispose of 1500 cu. yds. solid rock, dredging, including construction of breakwater and construction of timber groin.

3/8/46 • • 34
BIDS POSTPONED

COLUMBIA BASIN PROJECT, Wash.—Until Mar. 20, 10 A. M. (postponed from March 12), bids will be received by the U. S. Bureau of Reclamation, Coulee Dam, Wash., under Spec. 1187 for the construction of earthwork, main canal, station 751 plus 94 to station 1100 plus 90.8, Columbia Basin Project, Wash. Work is situated in vicinity of Stratford and Adrian, Wash.

The work involves:
(1) 1,700,000 c.y. common excavation for canal;
(2) 340,000 c.y. rock do;
(3) 100,000 sta. c.y. overhaul;
(4) 300,000 c.y. compacting embankments.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo.; R. J. Newell, regional director, P. O. Box 937, Reclamation Bldg., Fairgrounds, Boise, Idaho; F. A. Banks, supervising engineer, Coulee Dam, Wash., and M. W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the supervising engineer.

No charge to prospective bidders for copies of the specifications and drawings; to others, $1 per copy, not returnable.

3/8/46 •• 34
BIDS WANTED

FORT GIBSON DAM PROJECT, Oklahoma.—Until April 4, 2:30 P. M., bids will be received b ythe U. S. District Engineer Office, P. O. Box 61, Tulsa, Okla., for the cnostruction of the Fort Gibson Dam on Grand (Neosho) River, approximately five miles north of Fort Gibson, Okla.; Serial No. 46-3. The work in general will consist of the construction of a gravity type concrete dam with a short section of rolled earth fill at one abutment and with a powerhouse and elevator and stair tower downstream and adjacent to a non-overflow intake section of the concrete dam on the left bank of the existing river channel. A masonry service building will also be constructed on the right abutment and other miscellaneous work, exclusive of the powerhouse superstructure and certain other facilities appurtenant to the power plant; completion time, 800 days. Plans and specifications available from the above office upon deposit of $35 and will be on exhibit at the U. S. District Engineer Office, 751 S. Figueroa St., Los Angeles.

3/8/46 •• 34
PROSPECTIVE BIDDERS

LOS ANGELES, Calif.—The following contractors have taken out plans for completion of embankment and spillway, Santa Fe Dam, Los Angeles County, Serial 150, for which bids will be opened March 27, 1 P. M., by the U. S. District Engineer Office, 751 S. Figueroa St., Los Angeles:

Basich Bros. Construction Co., P. O. Box 151, 600 S. Fremont Ave., Alhambra.
E. W. Elliott Construction Co., 995 Market St., Hewes Bldg., San Francisco.
Grafe-Callahan & Gunther & Shirley Construction Co., 714 W. Olympic Blvd., Los Angeles.
Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles.
W. E. Kier Construction Co., 1462 N. Stanley Ave., Los Angeles.
Morrison - Knudsen Co., 810 Title Guarantee Bldg., Los Angeles.
Clyde W. Wood, Inc., 6900 Tujunga Ave., P. O. Box 620, North Hollywood.
Guy F. Atkinson Co., 1103 Heartwell Bldg., Long Beach.
Guerin Bros., 649 S. Olive St., Los Angeles.
Winston Bros., 411 W. 5th St., Room 1216, Los Angeles.
S. Edmondson & Son, 7711 S. Alameda St., Los Angeles.
Peter Kiewit Sons Co., 650 S. Grand, Room 505, Los Angeles.
T. E. Connolly, 461 Market St., San Francisco.
W. R. Shriver, 1205 Luanne Ave., Fullerton.

(Continued on Page Seven)

35— DOCKS, PIERS & HARBORS

3/8/46 35
PLANS COMPLETED

OCEANSIDE, San Diego Co., Calif.—Engineers Leeds, Hill & Jewett, 601 W. 5th St., Los Angeles, have completed plans and specifications for the repair and extension of the existing municipal pier at Oceanside for the City of Oceanside. Plans call for the repair, reconstruction and extension of the existing structure which will include reinforcing the existing piles, add horizontal braces in each bent to relieve bracing, installation of new piles where old piles have been washed out, replace or reinforce damaged stringers in the deck structure, replace decking and surface entire deck with one inch of asphaltic concrete. Eight sets of bracing on the towers are to be replaced with angle bracing of all welded steel construction. Plans and specifications have been approved by the city council of the City of Oceanside; estimated total cost, $175,000 to $214,000. The city council has reported plans to sponsor a bond election on April 9 to provide additional funds for the construction of the project.

3/8/46 •• 35
BIDS WANTED—TO BE OPENED MARCH 20, 3 P. M.
REPAIR PIER
SAN FRANCISCO. Embarcadero.
Repair fender line, deck and corner cluster on west side of outer end of Pier 47.
Owner—Board of State Harbor Commissioners, Ferry Bldg., San Francico.
Plans by engineering department of owner, F. G. White, chief engineer, Ferry Bldg., San Francisco.

Plans and specifications obtainable from the above office of the owner upon deposit of $10.

38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

3/8/46 38
CONTRACT AWARDED

PORTLAND, Ore.—H. H. Walker, 1323 Venice Blvd., Los Angeles, at $69,932.70, awarded contract by the U. S. Department of Interior, Bonneville Power Administration, L. C. Stewart, procurement officer, 1300 NE. Union Ave., Portland 8, for furnishing all labor, certain materials and performing all work for construction of Albany-Toledo 115-kv. wood pole transmission line, beginning at the structure identified as A T-2/9. approximately two miles northwest of Albany, west to approximately ¼ mile east of Toledo, 40.2.

3/8/46 38
CONTRACT AWARDED

CAMPO, San Diego Co., Calif.—Theodore Scott, 4405 S. Normandie Ave., Los Angeles, at $26,724.94, was awarded contract by the Mountain Empire Electric Cooperative Feb. 25 for the construction of 7.5 miles of electric transmission line and 1000-kva. substation, near Campo, about 60 or 70 miles east of San Diego. The line will begin 0.5 mile west of Laguna Junction along Highway 80 to about 7 miles south of Bucknera Springs; a Rural Electrification Administration project. Plans were prepared by the Lowe Co., engineers and consultants, 315 Architects' Bldg., Los Angeles.

39—SEWERS

3/8/46 •• 39
BIDS WANTED

SAN RAFAEL, Marin Co., Calif.—Until April 1 bids will be received by the City of San Rafael, city clerk, City Hall, San Rafael, for Sun Valley drainage improvements; cost, $3400.

Specifications obtainable from the above office.

3/8/46 39
BIDS OPENED

FRESNO, Calif.—Pacific Pipeline Construction Co., 2268 E. Firestone Blvd., Los Angeles, at $4114.11, submitted low bid to the City Council, City of Fresno, D. E. Roughton, city clerk, City Hall, Fresno, February 28, for the sewering of Arnbrister Addition, Elm Addition No. 4 and a portion of Elm Addition No. 1 in Fresno; 1911 act.

The work involves:
(1) 2359 lin. ft. 6-in. vitrified clay pipe sewer in place;
(2) 98 Y branches, 4-in. on 6-in.;
(3) 7 masonry manholes with cast iron frames and covers.

Complete bids were:
Pacific Pipeline Construction Co., (1) $1.29, (2) $2, (3) $125; total $4114.11
Kovich Bros., (1) $1.71, (2) $2, (3) $120; total, $5069.85.
W. M. Lyles, (1) $1.70, (2) $1.50, (3) $140; total, $5137.30.

3/8/46 39
BIDS WANTED

SANTA ANA, Orange Co., Calif.—Until March 18, 5 P. M., bids will be received by the city council of the city of Santa Ana, office of the city clerk, City Hall, Santa Ana (on behalf of the members of Orange County joint outfall sewer agreement), for the construction of a reinforced concrete sludge digestion tank, 75 ft. in diameter and 28 ft. sidewall height, including sludge piping and appurtenances, near Huntington Beach, and a reinforced concrete booster pumping plant of approximately 600 sq. ft. in area, at a point ¼ mile north of Coast Highway and ¼ mile east of Bushard St.

Plans and specifications available from the office of the city purchasing agent, City Hall, Santa Ana upon deposit of $20. Certified or 10% of bid required.
cashier's check in the amount of

40— STREETS AND HIGHWAYS

3/8/46 •• 40
BIDS WANTED

ALAMEDA, Alameda Co., Calif.—As previously reported, until March 12, 2 P. M., bids will be received by the Public Roads Administration, Charles C. Morris, division engineer, 720 Phelan Bldg., San Francisco, for construction of 0.171 mile access road to Army Air Force Intransit Depot, Webster St. from Tynan Ave. to Alameda Portal Bldg.; Project Calif. DA-WR-225 (1), Unit 2.

The work involves:
(1) extra and miscellaneous force account work;
(2) 840 cu. yds. unclassified excavation;
(3) 25 cu. yds. unclassified excavation for structures;
(4) 6 M gallons watering of subgrade;
(5) 28 M gallons watering of base course;
(6) lump sum, provide and maintain water plant or plants;
(7) 1450 tons crushed gravel or crushed stone base course, class 2, grading C-1;
(8) 4 tons medium curing cutback asphalt, grade MC-1, for prime coat;
(9) 1 ton emulsified asphal tfor tack coat;
(10) 4 tons type 4 blotter material for the bituminous preservative treatment;
(11) 1 ton medium curing cutback asphalt, grade MC-2, for bituminous preservative treatment;
(12) 350 tons plant mix, grading B (class F pavement, type F-1);
(13) 234 tons plant mix, grading B-2 (class F pavement, type F-1);
(14) 29 tons asphalt, grade 50-60 or 85-100 (contractor's option) for type F-1;
(15) 78 lin. ft. 10-in. vitrified clay culvert pipe;
(16) 4 each 10-in. vitrified clay culvert pipe elbows;
(17) 4 each catchbasins;
(18) 3 sets cast iron frames, gratings and curb inlet housings;
(19) 1 each storm drain manhole (depth approximately 5 ft.);
(20) 1460 lin ft. concrete curb, 14-in. depth.

Specifications obtainable from the above office; no deposit required.

3/8/46 40
BIDS WANTED

LOS ANGELES COUNTY, Calif.—Until March 26, 10 A. M., bids will be received by Los Angeles County Board of Supervisors, 501 Hall of Records, Los Angeles, for grading, paving and otherwise improving of Vermont Ave., south of Gardena, between Knox and 190th St., an approximate distance of .33 mile; cash contract 577; 90 days for completion.

3/8/46 40
CONTRACT AWARDED

ORANGE COUNTY, Calif.—C. D. Draucker Co., 2700 San Fernando Rd., Los Angeles, at $4714, awarded contract by C. H. Purcell, director of public works ,Sacramento, February 28, for furnishing and installing traffic signal system at the intersection of Coast Highway and Avenda Del Mar in Orange County; VII-Ora-2SCle.

3/8/46 40
BID OPENED

OCEANSIDE, San Diego Co., Calif.—McClanahan & Mulleneaux, Box 217, and 4031 Van Buren, Arlington, at $4887.69, submitted the low bid to the U. S. Navy, Public Works Office, 11th Naval District, 1220 Pacific Highway, San Diego, February 28 for repairs and additions to paved areas at the Naval Hospital, Santa Margarita Ranch, Oceanside; Specification No. 17484.

3/8/46 40
CONTRACT AWARDED

UTAH. — Strong Co., Springville, Utah, at $196,895, awarded contract by the Utah State Road Commission, Salt Lake City, Utah, February 27, for the construction of a 2½-in. plant mixed bituminous surfacing in Millard County, being that section of U. S. 91 between Holden and Scipio; F. I. Project No. 67 (2), a total distance of 5.075 miles.

3/8/46 • • 40
LOW BIDDER

LOS ANGELES COUNTY, Calif.—Griffith Co., 1060 S. Broadway, Los Angeles, at $128,126 submitted low bid to G. T. McCoy, state highway engineer, 808 State Bldg., Los Angeles, for about 1.1 miles in length to be graded and paved with asphaltic concrete on cement treated base on Rosemead Blvd. between Huntington Blvd. and Colorado St. (VIII-LA-168-C), in Los Angeles County.

(Continued on Page Seven)

3/8/46 • • 40
BIDS POSTPONED

ALAMEDA, Alameda Co., Calif.—Until March 14, 2 P. M. (postponed from March 7), bids will be received by the Federal Public Housing Authority, Room 901, Phelan Bldg., San Francisco, for supplementary road construction and drainage at Alameda Project Calif. 4895-N.

Specifications obtainable from the above office.

41—GAS, WATER AND OIL PIPE LINES

3/8/46 • • 41
CONTRACTS AWARDED

ALAMEDA and CONTRA COSTA COUNTIES, Calif.—A. P. Peters & Son, 410 N 10th St., San Jose, at (Sched. I), $7805.24, and (Sched. III) $12,267.37, and McGuire & Hester, 796 66th Ave., Oakland, at (Sched. II), $4213.85 awarded contracts by the East Bay Municipal Utility District, 512 16th St., Oakland, under Pro. LS-348 for installation of 2-, 4-, 6-, 8- and 10-inch cast iron water mains in Contra Costa and Alameda Counties.

42— MISC. SUPPLIES AND MATERIALS

3/8/46 • 42
BIDS WANTED

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, 821 Market St., San Francisco 3, for materials as follows:

March 18, 2 P. M.
Inv. SF-2851-46: stoves, f.o.b. Oakland.

March 20, 2 P. M.
Inv. SF-2847-46: fuses with metal ferrules, f.o.b. San Francisco.

3/8/46 • • 42
BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until March 20, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Room 406—512 16th St., Oakland, under LS-351 for furnishing [illegible],000 lin. ft. of cast iron pipe, diameters 10- to 20-in.

Specifications obtainable from the above office.

(Continued on Page Eight)

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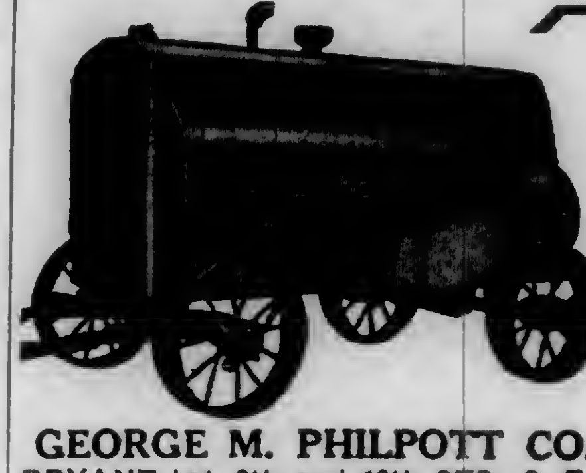

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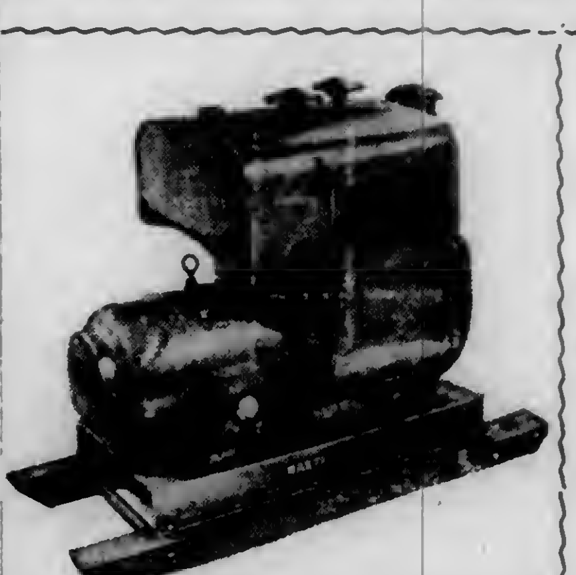

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EICHLER, ALFRED, 2717 Harkness Avenue.
FRANKLIN, CLIFFORD N., 1739 9th Avenue.
FRANCESCHI, R. R., Rt. 5, Box 8115
GILLEM, JAMES A., 4701 D Street.
GOODPASTER, HERBERT E., Mitau Building.
HARRISON, FREDERICK S., 1812 Del Paso Blvd.
LEWIS, W. O., 2741 Tiago Way.
LONG, W. J., 4209 "T" Street.
MANHART, W. E., Rt. 6, Box 8346.
MURRAY, ROBERT D. Rt. 9, Box 1061.
POAGE, P. T., 1610 12th Avenue.
SEADLER, EUGENE, 2749 10th Ave.
SATTERLEE, IVAN C., California State Life Building.
SELLON, GEO. C., California State Life Building.
STAFFORD, GORDON, 1825 3rd Ave.
STARKS, LEONARD F., 416 Native Sons' Building.
WILLARD, STANTON, 1606 Cara-

SAN LEANDRO

KERR, RALPH N., 308 Broadmoor Boulevard.
MOWBRAY, MELTON V., Jr., 756 Rodney Drive.
ROSEBROOK, GUY L., 1300 Glen St.

SAN MATEO

COLLINS, HENRY C., No. 9 Aragon Boulevard.
EDWARDS, THOMAS M., 123 Elm Street.
HESS, KENNETH H., 1444 Shafter.
TOEPKE, WM. H., 230 Chesterton Pl.
LANSBURGH, G. ALBERT, 28 W. Fourth Avenue.
ROWE, WILLIAM HENRY, 1035 Lancaster Road, Hillsborough.

SAN RAFAEL

GROMME, CARL F., 110 "B" Street.
LESSWING, SYLVESTER A., 17 Hillcrest Drive.
McDOUGALL, GEO. B., Box 265.

SANTA CRUZ

DUCKERING, LYNN ROLLETT, 27 Front Street.

SANTA ROSA

CAULKINS, C. A., Jr., Rosenberg Building.
FELCIANO, J. CLARENCE, 4010 Montecito Avenue.
HERBERT, WM. F., 1633 Austin Way.

SAUSALITO

BICKEL, REDDICK H., 148 Harrison Avenue.
CONSTABLE, ARNOLD S., 95 Spencer Avenue.
FAVILLE, WM. P., 35 Central Ave.
KETT, CONRAD F. T., 75 Crecienta.

SONOMA

JORGENSEN, VIRGIL W., Route 1, Box 399.

STOCKTON

BISSELL, HOWARD G., 1225 West Acacia Street.
CLOWDSLEY, J. UPTON, 309 Exchange Bldg.
ERNST, ELMORE G., 501 E. Harding Way.
GALBRAITH, VICTOR, 834 West Willow Street.
JOHNSON, ERIC, 306 Exchange Building.
MAYO & JOHNSON, 306 Exchange Building.
LOSEKANN, JOSEPH, 206 Elks Bldg
MAYO, FRANK V., 306 Exchange Building.
MAYO & JOHNSON, 306 Exchange Building.
SALA, PETER L., 2130 N. Commerce Street.

STANFORD UNIVERSITY

WARD, EUGENE V., 627 Salvatierra Street.

SUSANVILLE

TAYLOR, RALPH D., 716 Court St

VALLEJO

FRENCH, EDW. R., Jr., 39 Santa Paula Way.
KREINKAMP, H. A., 925 Valle Vista.
PERRY, CHARLES E., 514 Marin St.

WALNUT CREEK

FORD, LEONARD H., 1350 Main St.
COMSTOCK, FLOYD B., RFD No. 1, Box 347R.
DEAN, MARSHALL, Colonial Inn, 1329 Main St.

Structural Engineers

SAN FRANCISCO

ADRIAN, W., 417 Market Street.
APPLEFORD, CARL W., 245 Market.
BARKER, RALPH, 63 Fernwood Dr.
BEEBEE, RALPH A., 1261 41st Ave.
BLUME, JOHN A., 68 Post Street.
BOGVAD - CHRISTENSEN, VILHELM, City Hall.
BREITE, W. W., 375 Sutter Street.
BROWN, ARCHIBALD A., 461 Market Street.
BRUNNIER, H. J., 612 Sharon Bldg.
BUELL, RAYMOND C., Second Floor Call Building.
BULLEN, ARTHUR C., 2 Pine Street.
BURGESS, E. O., 1200 17th Street.
BUSH, PHILIP LEE, 101 California.

CHACE, THOMAS F., 268 Market St.
CHERNO J., 245 Market Street.
CHEW, RICHARD SANDERS, 844-A Mills Building.
CORWIN, T. J., Jr., 245 Market St.
COTTEN, SHEPARD M., 308 Eddy.

DEGENKOLB, HENRY J., 405 Montgomery Street.
DEWELL, HENRY D., 604 Mission.

EARL, AUSTIN W., 233 Sansome St.
ELLISON ,W. H., 500 Sansome St.
ENGLE, HAROLD MARSHALL, 110 Sutter Street.
FALK, MARK M., 251 Kearny St.
FISHER, ALFRED P., 300 Montgomery Street.

FISHER, R. J., 826 Crocker Building.

GOULD, JOHN J., Financial Center Building.

HALL, FREDERIC F., 251 Kearny.
HAMMILL, HAROLD B., 381 Bush.
HANSON, ROBERT A., 19th and Indiana Streets.
HARRIS, FREDERIC R., Inc., 1045 Sansome Street.
California Street.
HASSENMILLER, WILFORD S., 100 Bush Street.
HAUN, GEORGE CLEVELAND, 580 Market Street.
HAYES, JESSE E., 525 Market St.
HENRY, RODNEY WM., Shell Oil Building.
HILL, GEORGE S., 36 Diamond St.
HJUL, JAMES H., 128 Russ Street.
HUBER, EARL RAYMOND, USFS, Phelan Building.
HUBER, WALTER LeROY, 1 Montgomery Street.

IRVIN, LESLIE A., Fort Winfield Scott.

JAKOBSEN, B. F., Balfour Building.

KEGLER, HOWARD L., 661 29th Avenue.
KELLBERG, F. W., 320 Market St.
KING, STANLEY C., 509 Sansome St.
KNAPIK, EDWARD MATHIAS, 1325 Crocker 1st National Bank Bldg.
KRAFFT, ALFRED J., Phelan Bldg.

LEVY, EDWIN F., 727 17th Avenue.
LITTLE, JOHN GOULDING, 251 Kearny Street.

MARDEL, CHARLES M., 2335 Pacific Avenue.
MEYERHOLZ, R. IVAN, 245 Market.

NISHKIAN, L. H., 1045 Sansome St.

PAQUETTE J. ALBERT, 320 Market Street.
PERKINS, MAC D., 110 Sutter St.
PHILLEO, R. A., CEC Hq., 4th Air Force.
POWERS, H. C., 612 Sharon Bldg.
PREGNOFF, M. V., 251 Kearny St.
RINNE, JOHN E., 225 Bush Street.

ROSENTHAL, HYMAN, 617 Montgomery Street.
ROSENWALD, JESSE, 525 Market.
SAMPSON, RAPHAEL, 333 Montgomery Street.
SAPH, A. V., Jr., Rialto Bldg.
SCHELLENBERG, G. W., 225 Bush.
SEAGE, CLARENCE E., 681 Market Street.
SJOBERG, HAROLD O., 233 Sansome Street.
SKYTTE, JOHANNES, City Hall.
SMITH, HARVEY A., 712 Pacific Building.
SMITH, JAS. M., 251 Kearny Street.
SPITZER, FELIX H., City Hall.
SQUIRE, HARRY EDWIN, 19 Ferry Building.
STEELE, I. CLEVELAND, 245 Market Street.
SWAIN, CLARKSON, 320 Market St.

THAYER, EDWARD S., 1208 Balfour Building.
THEILL, KAJ, 580 Market Street.
THOMPSON, ISADORE, 58 Sutter.

VENSANO, H. C., City Hall.

WASHINGTON, GEO., 417 Market.
WHIPPLE, S. K., 225 Bush Street.
WHITE, FRANK G., 18 Ferry Bldg.
WOODRUFF, GLENN B., 333 Montgomery Street.
WRIGHT, J. G., 233 Sansome Street.

OAKLAND

ANDERSON, ARTHUR W., 1801 Bank of America Bldg.
BASTOW, J. G., Grove Street Pier.
COOLEY, R. H., 354 Hobart Street.
CORLETT, WILL G., 1801 Bank of America Building.
COTTERILL, GEO. W., 5354 Lawton Avenue.
DALTON, ROBT. DOCK, 1630 Webster Street.
DEWELL, ROBERT D., 6231 Contra Costa Road.
ELLERY, N. B., 2124 Coloma Street.
GUPTILL, JOSEPH R., 5936 McAndrews Drive.
HANSEN, CHARLES, Grove St. Pier.
KENNEDY, ROBT. CHAS., 512 16th Street.
KITCHEL, MILTON P., City Hall.
LYMAN, RICHARD F., Jr., 6602 Chabot Road.
MANOV, MATEO M., 337 17th Street.
NEVIUS, SEARLE B., 184 13th St.
O'NEIL, HUGH M., 363 17th Street.
PLANT, FRANCIS B., 858 Alma Ave.
SANDNER, VICTOR R., c/o Moore Drydock Company.
SAWYER, FRANK L., 1025 2nd Ave.
SCHIRMER, HOWARD A., 1444 14th Street.
SLY, CLARENCE JEFFERSON, 638 Miranda Street.
THURSTON, EUGENE T., 869 Rosemount Road.
WHITTON, CHAS. A., 1025 2nd Ave.
WILLIAMSON, H. P., 3589 Fruitvale Avenue.

WASHINGTON, D. C.

LOTZ, WM. D., Bureau of Yards and Docks.

WALNUT CREEK, CALIF.

McKEE, GEORGE T., Saranap.

LOS ALTOS

NORDWELL, ALFRED W., Box 218.

ROSS

NORDWELL, ALFRED W., Box 218.
ZOLLNER, CARL W., P. O. Box 315.

WOODLAND

PROCTOR, ASA G., P. O. Box 327.

SAN ANSELMO

HJORT, SIGGE I., Box 261.

SACRAMENTO

AEPPLI, ERNEST, Rte. 9, Box 1353.
BROWNFIELD, ALLEN H., 5033 V Street.
BUEHLER, WALTER A., 3410 Land Park Drive.
ENGER, ARTHUR L., Public Works Building.
EWING, M. A., 1120 "N" Street.
FRANCIS, ERNEST D., Cronan Building.
HOLLISTER, LEONARD C., State Bridge Department.
HUTCHINSON, RALPH W., Public Works Building.
ILLERICH, OTTOMAR THEODORE, Public Works Building.
JOHNSON, FRANK A., Public Works Building.
KROMER, CLARENCE HERBERT, Wright Building.
LONG, WALTER J., Department of Public Works.
McGINNESS, ARTHUR R., Old Post Office Building.
MEEHAN, ANDREW J., 2540 Fifth Avenue.
NELLDOV, IVAN M., Public Works Building.
PANHORST, F. W., P. O. Box 1499.
PETERSEN, WM., HARTMAN, Public Works Building.
PURCELL, CHARLES H., 210 Public Works Building.
REYNOLDS, FRANK HOWARD, 905 Forum Building.
ROWE, R. ROBINSON, 339 Public Works Building.
SHIELDS, JAMES RALPH, 206 City Hall.
STOVER, HARVEY D., 327 Public Works Building.
WALKER, ARTHUR V., 1020 "N" St.
WILLETT, ALBERT B., 708 35th St.
WILLETT, D. C., Public Works Bldg.

ALAMEDA

ASHCROFT, GLEN B., 1823 Alameda Avenue.
GORMAN, SIDNEY S., 2308 Webster Street.
GREEN, FREDERICK M., 927 San Antonio Avenue.
HESS, C. W., 1242 Hawthorne Street.

BERKELEY

DAVIS, RAYMOND E., University of California.
DERLETH, CHARLES Jr., 218 Engineering Bldg., U. of C.
JAMEYSON, BRUCE, C. E. Bldg., U. of C. Campus.
JENNINGS, GEORGE H., 1715 Buena Avenue.
SEAGE, CLARENCE E., Jr., 10062 Broadway Terrace.
WIELAND, CHAS. F., 199 Hillcrest Road.

STOCKTON

BAMBERGER, SIDNEY F., P. O. Box 1646.
GULICK, CHAS. W., College of the Pacific.

SAN MATEO

BERTWELL, WILLIAM, 615 Columbia Drive.
COX, HARRY A., 215 Elm Street.

PIEDMONT

BROWN, ULYSSES G., 32 Arbor Dr.
COLLINS, MERTON C., 82 Fairview Avenue.

FORT BAKER

BELL, CHARLES LAMBERT.

PALO ALTO

GILL, G. F., 550 Forrest Avenue.
WELLS, JAS. BERTRAND, 848 Lytton Avenue.
WING, CHAS. B., 345 Lincoln Ave.

No. California County and City Engineers

ALAMEDA, Carl Froerer.
ALAMEDA CO., Wallace B. Boggs.
ALBANY, U. R. Grey.
ANTIOCH, John S. Bates.
ARCATA, Hal C. Acheson.
ATHERTON, James S. James.
ATWATER, W. E. Bedesen.

BAKERSFIELD, Joseph Holfelder.
BELMONT, Robert Klassen.
BENICIA, Phil R. Jones.
BERKELEY, Harry Goodridge.
BURLINGAME, Cecil L. Longson.
BUTTE COUNTY, Bert Paxton.

CALAVERAS CO., Oliver C. Wyllie.
CALISTOGA, Clyde C. Kennedy.
CHICO, Frank Robinson.
CONCORD, John S. Bates.
CONTRA COSTA CO., J. W. Barkley.

DALY CITY, Robert Klassen.
DAVIS, Alexander M. McKinnon.
DEL NORTE CO., H. M. Malpas.
DOS PALOS, W. E. Bedesen.

EL CERRITO, R. R. Randall.
EMERYVILLE, Geo. T. Oliver.
EUREKA, Geo. S. Winzler.
EXETER, Irvin M. Althouse.

FRESNO COUNTY, A. J. Nielsen.

GILROY, W. J. Hanna.

HANFORD, Walter K. Hopkins.
HAYWARD, J. A. Mancini.

KERN COUNTY, J. R. Thornton.
KING CITY, H. F. Cozzens.
KINGS COUNTY, J. H. Hayes.

LIVERMORE, C. G. Clarke.
LIVINGSTON, W. E. Bedesen.
LODI, Clinton Henning.
LOS BANOS, W. E. Bedesen.
LOS GATOS, L. Cedric Macabee.

MANTECA, John S. Bates.
MARIN COUNTY, C. P. Clow.
MARTINEZ, Leonard McClintock.
MARYSVILLE, F. H. Divver, Jr.
MENLO PARK, Edwin Smith.
MERCED, G. E. Winton.
MERCED CO., W. E. Bedesen.
MILL VALLEY, Edward Hussey.
MODESTO, Frank J. Rossi.
MONTEREY, Howard Severance.
MONTEREY CO., H. F. Cozzens.
MOUNTAIN VIEW, M. C. Christensen.

NAPA, H. A. Harrold.
NAPA COUNTY, E. P. Ball.
OAKLAND, Walter N. Frickstad.
OROVILLE, S. J. Norris.

PACIFIC GROVE, Alfred D. Coons.
PALO ALTO, Fabian S. Miller.
PASO ROBLES, Hal Johnson.
PETALUMA, S. Gonzales.
PINOLE, Ross Calfee.
PITTSBURG, E. L. O'Hara.
PLACER COUNTY, John A. Shields.
PORTERVILLE, Irvin H. Althouse.

REDDING, A. H. Ross.
REDWOOD CITY, R. A. Klassen.
RICHMOND, E. A. Hoffman.

SACRAMENTO, Fred J. Klaus.
SACRAMENTO CO., A. L. Kiefer.
SALINAS, Donald Davies.
SAN BRUNO, C. L. White.
SAN CARLOS, R. A. Klassen.
SAN FRANCISCO, R. G. Wadsworth.
SAN JOAQUIN CO., J. B. Manthey.
SAN JOSE, Harold J. Flannery.
SAN LEANDRO, Chas. P. Martin.
SAN MATEO, Harold Porter.
SAN MATEO CO., M. A. Grant.
SAN RAFAEL, Raymond A. Boege.
SANTA CLARA, Edgar C. Schott.
SANTA CLARA CO., R. D. Chandler.
SANTA CRUZ, Robert Jennings.
SANTA CRUZ CO., A. B. Baldwin.
SANTA ROSA, Walter F. Adams.
SHASTA COUNTY, Ernest Breuning
SEBASTOPOL, Walt Adams.
SISKIYIU COUNTY, A. F. Parrott.
SOLANO COUNTY, J. R. Burnham.
SONOMA CO., Marshall M. Wallace.
SONORA, B. H. Maynard.
SOUTH SAN FRANCISCO, Charles T. Broughton.
STANISLAUS CO., G. D. Macomber.
STOCKTON, Lyle Payton.
SUISUN, F. A. Steiger.
SUNNYVALE, H. N. Bishop.
SUSANVILLE, M. J. Tilley.
SUTTER CO., Edward Von Geldern.

TEHAMA CO., Chas. A. Luning.
TRACY, John S. Bates.
TULARE CO., T. Wayne Switzer.
TURLOCK, Don Davis.
TULARE, John Boardman.
VALLEJO, T. D. Kilkenney.
VISALIA, Norman A. Huth.

WOODLAND, Asa G. Proctor.

YOLO COUNTY, Henry Von Dorsten
YREKA, Howard O'Connor.

ADVANCE CONSTRUCTION REPORTS

ENGINEERING SECTION

(Continued from Page Five)

31-32—WATER SUPPLY & PLANTS

3/8/46 • 32
BOND ELECTION PJLANNED
SPARKS, Washoe County, Nev.
Extension of city sewage system and modernization and enlargement of present sewage disposal plant.
Owner—City of Sparks, D. J. Fodrin, mayor, City Hall, Sparks, Nev.
Engineer—Not announced.

Bond issue for $135,000 to include above construction probably will go before the city's voters around May 1.

3/8/46 • 31
BIDS WANTED

SAN DIEGO, Calif.—Until March 21, 11 A. M., bids will be received by the U. S. Navy, 11th Naval District, Public Works Department, 1220 Pacific Highway, San Diego, for the drilling of a new well complete with pumping equipment and shelter; for a system of cast iron water distribution mains with valves, fittings and fire hydrants; for a 1,000,000-gallon reinforced concrete reservoir, and for other miscellaneous work. Specification 17626. The project includes earthwork, concrete construction, water well and pumping equipment, water supply and fire protection system, carpentry, roofing, lathing and plastering, field painting, electrical work and other miscellaneous related work. Specifications and bidding data available from the above office upon deposit of check or postal money order for $10, payable to the Chief of Bureau of Yards and Docks.

34—DAMS, RESERVOIRS & DREDGING

3/8/46 34
BIDS WANTED

ALTUS PROJECT, Okla. — Until April 3, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Altus, Okla., under Spec. 1182 for construction of earthwork and structures, West Canal laterals W-6.2 to W-11.5 and sublaterals, Blair laterals and sublaterals, Altus Project, Okla. The work is situated in the vicinity of Blair, Okla.

The principal items of work and the estimated quantities involved are as follows:

SCHEDULE No. 1
West Canal Laterals and Sub-laterals, W-6.2, 7.4, 8.4, 9.5, and 10.6
(1) 60,000 c.y. excav. for laterals;
(2) 30,000 sta. c.y. overhaul;
(3) 3,500 c.y. compacting embankments;
(4) 1,000 c.y. excav. for drainage channels and dikes;
(5) 7,000 c.y. excav. for structures;
(6) 6,500 c.y. backfill;
(7) 4,000 c.y. compacting backfill;
(8) 600 c.y. concrete in structures;
(9) placing 48,000 lbs. reinf. bars;
(10) 600 sq. yds. dry-rock paving;
(11) erecting 12 M. ft. b.m. timber in structures;
(12) laying 188 l.f. 18-in. diam. conc. pipe;
(13) laying 892 l.f. 24-inch do;
(14) laying 356 l.f. 30-inch do;
(15) laying 56 l.f. 36-inch do;
(16) laying 192 l.f. 42-inch do;
(17) laying 118 l.f. 48-inch do;
(18) placing 400 lbs. metal water stop in joints;
(19) installing 13,000 lbs. of gates;
(20) installing 2,000 lbs. misc. metal work.

SCHEDULE No. 2
West 11.3 Laterals and Sublaterals
(1) 51,000 c.y. excav. for laterals;
(2) 25,000 sta. c.y. overhaul;
(3) 3,500 c.y. compacting embankments;
(4) 750 c.y. excav. for drainage channels and dikes;
(5) 3,200 c.y. excav. for structures;
(6) 3,000 c.y. backfill;
(7) 1,800 c.y. compacting backfill;
(8) 425 c.y. concrete in structures;
(9) placing 29,000 lbs. reinf. bars;
(10) 400 s.y. dry-rock paving;
(11) erecting 9 M. ft. b.m. timber in structures;
(12) laying 268 l.f. 18-in. diam. concrete pipe;
(13) laying 836 l.f. 24-inch do;
(14) laying 204 l.f. 30-inch do;
(15) laying 290 l.f. 36-inch do;
(16) laying 60 l.f. 42-inch do;
(17) installing 17,300 lbs. gates;
(18) installing 2,100 lbs. misc. metal work.

SCHEDULE No. 3
West 11.5 Laterals and Sublaterals
(1) 55,000 c.y. excav. for laterals;
(2) 50,000 sta. c.y. overhaul;
(3) 2,000 c.y. compacting embankments;
(4) 3,000 c.y. excav. for drainage channels and dikes;
(5) 6,000 c.y. excav. for structures;
(6) 5,000 c.y. backfill;
(7) 3,000 c.y. compacting backfill;
(8) 470 c.y. concrete in structures;
(9) placing 34.000 lbs. reinf. bars;
(10) 600 s.y. dry-rock paving;
(11) erecting 5 M. ft. b.m. timber in structures;
(12) laying 160 l.f. 18-in. diam. concrete pipe;
(13) laying 428 l.f. 24-inch do;
(14) laying 288 l.f. 30-inch do;
(15) laying 100 l.f. 36-inch do;
(16) laying 420 l.f. 42-inch do;
(17) placing 350 lbs. metal water stop in joints;
(18) installing 13,500 lbs. of gates;
(19) installing 1,600 lbs. misc. metal work.

SCHEDULE No. 4
Blair Laterals and Sublaterals
(1) 94,000 c.y. excav. for laterals;
(2) 30,000 sta. c.y. overhaul;
(3) 3,000 c.y. compacting embankments;
(4) 8,000 c.y. excav. for drainage channels and dikes;
(5) 10,000 c.y. excav. for structures;
(6) 9,000 c.y. backfill;
(7) 5,000 c.y. compacting backfill;
(8) 975 c.y. concrete in structures;
(9) placing 77,000 lbs. reinf. bars;
(10) 1,000 s.y. dry-rock paving;
(11) erecting 17 M. ft. b.m. timber in structures;
(12) laying 436 l.f. 18-in. diam. concrete pipe;
(13) laying 1,372 l.f. 24-in. do;
(14) laying 492 l.f. 30-inch do;
(15) laying 160 l.f. 36-inch do;
(16) laying 180 l.f. 42-inch do;
(17) laying 196 l.f. 48-inch do;
(18) placing 600 lbs. metal water stop in joints;
(19) installing 22,000 lbs. gates;
(20) installing 3,300 lbs. misc. metal work.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, Chief Engineer, U. S. Customhouse, Denver 2, Colo.; W. R. Nelson, Regional Director, P .O. Box 1609, Oliver-Eakle Bldg.. 6th and Polk Sts., Amarillo, Texas; H. E. Robbins, Constructing Engineer ,Altus, Okla.; and Michael W. Straus, Commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the Construction Engineer.

No charge for specifications to prospective bidders; to others, $2.50, not returnable.

3/8/46 • 34
TO ASK BIDS

FORT PECK, Mont.—The U. S. District Engineer Office, Fort Peck, Mont., will issue plans nad specifications about March 15 and will receive bids about April 15 (postponed 30 days from previous announcement), for construction consisting of raising crest of main dam and dike sections of Fort Peck Dam approximately an average of 4 feet for a distance of approximately 4 miles, construction of roadway including placement of 7-inch gravel base course across the crest of the dam and installation of a night lighting system along the roadway. Approximately 241,000 cubic yards of excavation will be placed and compacted in an embankment fill. The work includes 45,000 cubic yards of gravel, 17,000 square yards of stone facing on dam and 88 street lighting units with underground cable system (8000 cubic yards of gravel blanket and stone for dam facing will be furnished by the government and placed by the contractor). A borrow pit is adjacent to the construction area. The work also includes producing, hauling and stockpiling 53,000 cubic yards of gravel base material, 8500 cubic yards gravel top course material, 15,000 cubic yards of aggregate for bituminous concrete and 3400 cubic yards of stone chips. The work is to commence within 30 days after notice of award and will be completed within 180 days.

3/8/46 34
BIDS OPENED

SEATTLE, Wash. — Puget Sound Bridge & Dredging Co., 2929 16th Ave. SW., Seattle, at $54,282, submitted low bid to the officer in charge of construction, Bureau of Yards & Docks, 13th Naval District, Exchange Bldg., Seattle, under Spec 17619 for dredging and disposal of 498,000 cu. yds. material from Wapato waterway and Commencement Bay, adjacent to Todd Pacific Shipyards, Inc., Tacoma.

General Construction Co., at $58,000, submitted only other bid.

3/8/46 34
BIDS WANTED

BALMORHEA PROJECT, Texas.—Until March 27, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Amarillo, Texas, under Spec. 1186 for the construction of earthwork and structures, Phantom Lake canal and inlet feeder canal, Balmorhea Project, Texas. The work is situated in the vicinity of Balmorhea, Texas.

The principal items of work and the estimated quantities involved are as follows:

Schedule No. 1—Phantom Lake Canal
(1) 8400 cu. yds. excavation, common, for canal;
(2) 200 cu. yds. excavation, rock, for canal;
(3) 200 sta. cu. yds. overhaul;
(4) 3300 cu. yds. excavation, common, for structures;
(5) 50 cu. yds. excavation, rock, for structures;
(6) 1000 cu. yds. compacting embankments;
(7) preparing 200 sq. yds. of rock foundations for concrete lining;
(9) trimming 19,000 sq. yds earth foundations for concrete lining;
(9) 2000 cu. yds. backfill;
(10) 300 cu. yds. compacting backfill;
(11) 175 cu. yds. concrete in structures;
(12) 1640 cu. yds. concrete in canal lining;
(13) placing 105,000 lbs. of reinforcement bars;
(14) 25 sq. yds. dry-rock paving;
(15) 160 cu. yds. rubble masonry;
(16) erecting 2 M ft. b.m. of timber in structures;
(17) laying 240 lin. ft. 15-in. diameter precast concrete pipe;
(18) laying 1360 lin. ft. 27-in. diameter precast concrete pipe;
(19) laying 132 lin. ft. 30-in. diameter precast concrete pipe;
(20) erecting 24 lin. ft. No. 84 metal flume;
(21) installing 2000 lbs. of gates and miscellaneous metal work.

Schedule No. 2—Inlet Feeder Canal
(22) 11,500 cu. yds. excavation for canal;
(23) 160 cu. yds. backfill;
(24) 80 cu. yds compacting backfill;
(25) 600 cu. yds. compacting embankments;
(26) 22,000 sq. yds. preparing surface for concrete lining;
(27) 80 cu. yds. concrete in structures;
(28) 1880 cu. yds. concrete in canal lining;
(29) placing 110,000 lbs. of reinforcement bars;
(30) erecting 20 M ft. b.m. of timber in structures.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U S Custom House, Denver 2, Colo.; W. R. Nelson, regional director, P. O. Box 1609, Oliver-Eakle Bldg., 6th and Polk Sts., Amarillo, Texas, and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the regional director.

No charge for specifications to prospective bidders; to others, $2, not returnable.

3/8/46 34
CONTRACT AWARDED

KLAMATH PROJECT, Oregon-California.—Clifford A. Dunn, Klamath Falls, Ore., and Slate Construction Co., Box 431, Klamath Falls (joint bidders), at $145,558, awarded contract by the U. S. Bureau of Reclamation, W. R. Young, chief engineer, Klamath Falls, under Spec. 1118 for construction of earthwork and structures, canals and drains, Coppek Bay, Modoc Unit, Tule Lake Division, Klamath Project, Oregon-California. The work is situated about 30 miles southeast of Klamath Falls.

39—SEWERS

3/8/46 • 39
CONTRACT AWARDED

SAN BERNARDINO COUNTY, Calif.—Carl Broome, 1450 Washington St., Redlands, at $9872, awarded contract by State Director of Public Works Charles H. Purcell, Sacramento, for performing work as follows: San Bernardino County, across Mission storm drain, six miles southeast of San Bernardino (VIII-SBd-26-A), a bridge to be widened.

3/8/46 • 39
FUNDS AWARDED
SANITARY SEWER SYSTEM
Estimated Cost, $77,000
CENTERVILLE, Davis County, Utah.
Construction of a sanitary sewer collection system to comprise approximately 29,750 lin .ft. of 4-in. to 8-in. pipe, together with all necessary manholes, connections and appurtenances.
Owner—Centerville Town Board, F. Wallace Walton, president, Centerville, Utah.
Engineer—Summer G. Margetts & Co., Salt Lake City, Utah.

The Bureau of Community Facilities, Federal Works Agency, 2223 Fulton St., Berkeley, Calif., has awarded funds in amount of $2500 to assist in preparation of plans.

3/8/46 • 39
FUNDS AWARDED
SEWAGE PLANT Est. Cost, $100,000
BELEN, Colorado.
Construction of sewage treatment plant and improvements to an existing sewage pumping station.
Owner—Town of Belen, L. C. Becker, mayor, Belen, Colo.
Engineer—R. O. Ruble, Santa Fe, N. M.

The Bureau of Community Facilities, Federal Works Agency, 2223 Fulton St., Berkeley, Calif., has awarded funds in amount of $2500 to assist in preparation of plans.

40— STREETS AND HIGHWAYS

3/8/46 • 40
TO ASK BIDS

FORT PECK, Mont.—The U. S. District Engineer Office, Fort Peck, Mont., will issue plans and specifications about March 15 and receive bids about April 15 (postponed 30 days from previous announcement), for construction of road from dam to spillway at Fort Peck, Mont, a distance of approximately 2.8 miles, includin gthe formation of roadway embankment, subgrade, approaches, shoulders, base course, drainage and interception ditches and construction and installation of culverts, drainage structures and guard posts. The roadbed and appurtenant work will be built to approximately Montana state highway primary standards. Approximately 600,000 cu. yds. of unclassified excavation will be placed and compacted in an embankment fill. A 7-inch gravel base course will be placed on the fill. Approximately 1800 feet of corrugated metal pipe will be placed.

3/8/46 • 40
BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer G. T. McCoy announces cost of blue prints now available for work for which bids will be opened in Sacramento on March 27 and in Los Angeles on March 28:

I-Men-16-A, bridge across Dooley Creek, 1 mile east of Hopland: Plans (including sales tax), $1.08; cross-sections (including sales tax), $0.92; total cost plans and cross-sections (including sales tax), $2.00.

I-Lak-89-D, bridge across Kelsey Creek at Kelseyville: Plans (including sales tab), $1.69; cross-sections (including sales tax), $1.85; total cost plans and cross-sections (including sales tax), $3.54.

X-Mer-4-C, between Black Rascal Canal and Buhach Station: Plans (including sales tax), $4.00; cross-sections, $11.22; total cost plans and cross-sections (including sales tax), $15.22.

XI-S.D-78-A, bridges across Samagatuma Creek and Descanso Creek: Plans (including sales tax), $1.69; cross-sections (including sale stax), $5.89; total cost plans and cross-sections (including sales tax), $7.58.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif.

Blue prints of plans are sold at cost and are not returnable for refund.

3/8/46 • 40
PLANNED

SAN RAFAEL, Marin Co., Calif.—The following street repair projects have been recommended to the San Rafael City Council, City Hall, San Rafael, by City Engineer Ray Boege:
(1) repaving of D St. from 3rd St. to San Rafael Ave., $40,000;
(2) repaving of Lincoln Ave. from Francisco Blvd. to Linden Lane, $20,000;
(3) repave 4th St. from Shaver to Marquard, $28,000;
(4) 4th St. improvements, widening, etc., from Marquard to city limits at Highland, $26,565;
(5) 2nd St. extension (along the line of the abandoned railroad grade from Shaver St. to city limits), $60,000;
(6) Lindaro St. improvements, $8790;
(7) 4th St. from Mary to Union, $18,854.
(8) 4th St. from Union to High and Mission, $20,000;
(9) 5th St. from H to I Sts., $4820;
(10) H St. improvements, $7304;
(11) Grand Ave. improvements, $45,000.

3/8/46 • 40
FUNDS AWARDED
STREET IMPROVEMENTS
Estimated Cost, $209,000
LARAMIE, Albany County, Wyo.
Street improvements consisting of curbs and gutters, alley return pavement, base course and oil mat paving and sidewalks
Owner—Town of Laramie, D. B. Willett, city manager, Laramie.
Engineer — J. T. Banner, Laramie, Wyo.

The Bureau of Community Facilities, Federal Works Agency, 2223 Fulton St., Berkeley, Calif., has awarded funds in amount of $7600 to assist in preparation of plans.

3/8/46 • 40
FUNDS AWARDED
STREET IMPROVEMENTS
SANTA ROSA, New Mexico.
Street improvements, including grading, curbs and gutters, and surfacing of the streets.
Owner—Village of Santa Rosa, J. A. Sena, mayor, Santa Rosa.
Engineer—R. O. Ruble, Santa Fe, N. M.

The Bureau of Community Facilities, Federal Works Agency, 2223 Fulton St., Berkeley, Calif., has awarded funds in amount of $4000 to assist in preparation of plans.

3/8/46 40
BIDS OPENED

STATE OF OREGON. — Following submitted bids to the Oregon State Highway Commission, G. B. Glaisyer, Public Service Bldg., Portland, for construction as follows:

Douglas County — State Project. Construct new bridge over Coffey Creek on Tiller-Trail secondary highway. Approximately 15 cu. yds. structural excavation, 5 cu. yds. class A concrete, 200 lbs. metal reinforcing, 22 M ft. b.m. untreated lumber, 184 ft. trestle superstructure, 38 ft. long span superstructure.

Low bidder: C. J. Eldon, 3101 N Columbia Blvd., Portland, $15,050.

Other bidders: Harry A. Hamilton, Eugene, $16,562; McNutt Bros., Eugene, $18,929; Sleeper & Keyes, Bend, Ore., $22,540.

Douglas County — Federal Project No. S-80 (1). 5.79 miles grading, surfacing and oiling; also furnishing approximately 2600 cu. yds. crushed material in stockpiles, Milo - Tiller section of Tiller-Trail Highway. Approximately 89,000 cu. yds. excavation, 34 cu. yds. concrete, 1400 lbs. metal reinforcing, 24,000 cu. yds. pit-run gravel topping, 8700 cu. yds. of crushed rock or crushed gravel, 170 tons asphalt material.

Low bidder: C. J. Eldon, 3101 N Columbia Blvd. Portland, $150,319.

Other bidders: Guerin Bros., San Francisco, $193,361; McNutt Bros., Eugene, $196,102.

Hood River County—Federal Project No. S-232 (2). 2.2 miles grading, surfacing and oiling of Woodworth Acres-Parkdale section of Hood River Highway. Approximately 40,000 cu. yds. excavation, 30 cu. yds. concrete, 190 lbs. metal reinforcing, 40 M ft. b.m. untreated lumber, 11,900 cu. yds. crushed rock, 164 tons asphalt material.

Low bidder: Babler Bros. 4617 SE Milwaukie, Portland, $73,359.

Other bidders: C. J. Eldon, Portland, $77,369; J. M. & M. J. Conley, Newport, Wash., $79,336; Vernie Jarl, Gresham Ore., $79,715; E. C. Hall, Tigard, Ore., $82,322.

Morrow County — Federal Project No. S-83 (1). 9.93 miles regrading, surfacing and oiling, also furnish 3000 cu. yds. crushed rock in stockpiles, Lexington-S. Springs section of Lexington-Echo Highway. Approximately 22,000 cu. yds. excavation, 29,300 cu. yds. rock, 478 tons asphalt material. This project may be bid in combination with S. Spring-Umatilla county line project in Morrow County.

Low bidder: Newport, Kern and Kibbe, 8707 N Bradford, Portland, $93,626.

Other bidders: Curtis Gravel Company, Spokane, $95,568; E. C. Hall, Tigard, Ore., $104,475; J. M. & M. J. Conley, Newport, Wash., $108,909; R. O. Dall, Portland, $123703; C. J. Eldon, Portland, $127,715; Sound Construction & Engrg. Co., Seattle, $130,433.

Morrow County — Federal Project No. S-83 (1). 9.95 miles regrading, surfacing, oiling, also furnish 3000 cu. yds. crushed rock in stockpiles, S. Springs-Umatilla county line section of Lexington-Echo Highway. Approximately 18,600 cu. yds. excavation, 28,000 cu. yds. crushed rock, 486 tons asphalt material. This project may be bid in combination with Lexington-S. Springs Project in Morrow County.

Low bidder: Newport, Kern and Kibbe, 8707 N Bradford, Portland, $88,499.

Other bidders: Curtis Gravel Co., Spokane, $90,746; J. M. & M. J. Conley, Newport, Wash., $98,948; E. C. Hall, Tigard, Ore., $100973; R. O. Dall, Portland, $116,851; Sound Construction & Engrg. Co., Seattle ,$120,881; C. J. Eldon, Portland, $122,179.

Machinery & Material

42— MISC. SUPPLIES AND MATERIALS

3/8/46 42
BIDS WANTED

PANAMA CANAL.—Until March 11 bids will be received by the General Purchasing Officer, The Panama Canal, Washington 25, D C., for approximately 1100 pneumatic tires (casings); 830 inner tubes, and 200 pneumatic bicycle tires; Sch. 8200.

3/8/46 • 32
PLANNED

SAN RAFAEL, Marin Co., Calif.—The following sewer projects have been recommended to the San Rafael City Council, City Hall, San Rafael, by City Engineer Ray Boege:
(1) sanitation betterments, $329,600;
(2) rehabilitation of the existing force main and primary treatment plant, $252,300;
(3) supplemental sewer construction to serve Marin Country Club Heights area, $77,300.

3/8/46 42
CONTRACTS AWARDED

EARP, Calif.—Allis-Chalmers Manufacturing Co., awarded a contract at $356,359.86 (Schedule 1), and Westinghouse Electric Corp. awarded a contract at $93,539.39 (Schedule 2), by the Bureau of Reclamation, Denver, Colo., for furnishing electrical equipment to Earp, Calif.; Specification No. 1120. Bids were received December 21.

3/8/46 • 42
NOTICE OF SALE

SAN FRANCISCO.—Until April 1, 10 A. M., bids will be received by the Navy Material Redistribution and Disposal Office, 785 Market St., San Francisco, under Sales No. B-316-46 for sale of miscellaneous materials, including double sheave wood blocks, galvanized screw pin anchor shackles, galvanized pins, etc., located at 2144 Clement Ave., Alameda.

43— MACHINERY AND EQUIPMENT

3/8/46 • 43
BIDS REJECTED

RIO GRANDE PROJECT, New Mexico.—The Bureau of Reclamation, Custom House, Denver, Colo., has rejected all bids received February 15 for furnishing f.o.b. shipping point or Las Cruces, N. M., three 500-kva., 110,000 delta to 2400/4160 Y-volt and 7200/12,470 Y-volt, single phase, 60-cycle, oil-immersed self-cooled, outdoor type transformers for installation at the White Sands substation, Rio Grande Project, New Mexico-Texas; Specification No. 1153.

3/8/46 •• 43
BIDS OPENED

SACRAMENTO, Calif.—The following submitted bids to the State Purchasing Agent, Sacramento, for equipment as follows:

QUO. 37760, REQ. 3933:

H. V. Carter, Worthington, $1375; f.o.b. Redding; 90 days' delivery.

California Toro Co., Toro Bullit, single front and rear, $1379.60; for single front and dual rear, $1436; 30 days' delivery.

Valley Equipment Co., International AA wheel tractor, $1073.48, with 500x15 front and 9x24 rear; f.o.b. San Francisco.

Sutton Morf, International A, $831 for tractor; $290 for mower; no discount.

Coast Equipment CSo., Case VAI, $1150; 45 days' delivery; net.

QUO. 37761, REQ. 16651:

Smith-Booth-Usher, Austin Western Patrol pickup, $4760, complete; delivery 120-130 days; net.

Elgin Sweeper Co., Elgin, Ill., Elgin Model 30, $8194.88; extra broom, $76.49; total, $8271.37; 15-18 months; net 60 days.

QUO. 38247, REQ. 204:

Upham Equipment Co., $314.90; Oliver 7-B; 1 day delivery; no discount.

Lohman Tractor & Equipment Co., International MCC Model 200-H, $320.32; delivery uncertain.

Berglund Tractor & Equipment Co., John Deere HH, $279.10; delivery in 210 days; discount 2 per cent 30 days.

QUO. 37762, REQQ. 16652:

Spears-Wells, for 10-ft., $910; for 12-ft., $1038; extra hitch, $15; 45 days' delivery; net.

Industrial Equipment Co., Buckeye 10-ft., $844; 12-ft., $1025; 14 days from factory net; extra hitch is included.

Harron-Rickard & McCone, Birch Force-Speed, 10-ft., $925; 12-ft., $1034; hitch, $48 on each size; 120 days' delivery; net.

Lee & Thatro, Highway Model R, $843; $60 for hitches; on 12-ft., $965; $60 for hitches; 90 days' delivery; 2 per cent 30 days.

Alternate: if retractable trailer not desired and with one hitch, 10-ft., $678; 12-ft., $800.

LeRoi-Rix Buckeye, 10-ft., $873; 12-ft., $1050.60; includes spreader carrier; 90 days on spreader; 90-120 days on carrier; alternate bid, 10-ft. spreader with steel wheels, $642; for pneumatic tires add $35; 2-3 weeks; no discount.

QUO. 37759. REQ. 16653:

Harron-Rickard & McCone, Roscoe B-7, $1052; $105 for extra broom; 75 days; net.

Smith-Booth-Usher, Littleford 108, $1200; 40-50 days; net.

Brown-Bevis-Hough, Brown Model B, 3-wheel, $875; $100 for extra broom; 60 days delivery; net.

BID OPENING SCHEDULE

(Continued from Page Three)

Bid Opening Date	Project	Location of Project	Noted In Issue
3-15— 3:00 P.M.	Furniture	San Francisco	3- 1
3-15— 3:00 P.M.	Projector	San Francisco	3- 1
3-13— 2:00 P.M.	Wire	Socorro, N. M.	2-28
3-18— 2:00 P.M.	Conductor	Fort Peck, Mont.	2-28
3-19— 2:00 P.M.	Bars	Sterling, Colo.	2-28
3-19— 8:00 P.M.	Stage Control Board	Crockett	3- 1
3-19— 8:05 P.M.	Fire Alarm Boxes	Alameda	3- 7
3-19— 2:00 P.M.	Pumps	Denver, Colo.	1-31
3-19— 2:00P.M.	Crane	Denver, Colo.	2-15
3-19— 2:00 P.M.	Electric Equipment	Fort Peck, Mont.	3- 5
3-20— 2:00 P.M.	Runners	Boulder Canyon Project	3- 5
3-20— 2:00 P.M.	Reinforcing Bars	Mountain Home, Idaho	3- 5
3-20— 8:00 P.M.	Dishwashing Equipment	Berkeley	3- 5
3-20	Sanitary Sewer (City)	Mill Valley	1-18
3-20— 2:00P.M.	Oil Circuit Breaker	Parker Dam Project, Arizona	2-21
3-21— 2:00 P.M.	Crane Structure	Columbia Basin Project	2- 8
3-20— 2:00P.M.	Metal Doors	Parker Dam Project, Arizona	2-26
3-20— 2:00 P.M.	Electric Equipment	Denver, Colo.	3- 6
3-21— 2:00 P.M.	Storage Tanks	Central Valley Project	2-19
3-21— 2:00 P.M.	Cedar	Denver, Colo.	3- 5
3-21— 2:00 P.M.	Transmission Line	Sterling, Colo.	3- 5
3-21— 2:00 P.M.	Electric Equipment	Socorro, N. M.	3- 5
3-25— 2:00 P.M.	Pipe	Gila Project, Arizona	2-19
3-25— 2:00 P.M.	Electric Equipment	Missouri Basin Proj., Wyoming	3- 1
3-26— 2:00 P.M.	Transformers	Colorado-Big Thompson Proj.	3- 6
3-27— 2:00 P.M.	Electric Equipment	Missouri Basin Proj., Wyoming	3- 1
3-27— 2:00 P.M.	Pumps	Boulder Canyon Project	2-26
3-27— 2:00 P.M.	Elevator	Central Valley Project	2-28
3-28— 2:00 P.M.,	Elec. Equip.	Central Valley Project	2-25
3-29— 2:00 P.M.	Electric Equipment	Rio Grande Proj., New Mexico	3- 1
4- 1— 2:00 P.M.	Louvers	Central Valley Project	2-19
4- 3— 2:00 P.M.	Telephone Apparatus	Shoshone Project, Wyo.	3- 7
4- 3— 2:00 P.M.	Telephone Apparatus	Rio Grande Project, N. M.	3- 7
4- 3— 2:00 P.M.	Shaft	Shoshone Project	3- 6
4- 5— 2:00 P.M.	Electrical Equip.	Davis Dam Project, Arizona	2-28
4- 9— 2:00 P.M.	Gates	Central Valley Project	3- 5
4-14— 2:00 P.M.	Pumping Units	Missouri Basin Proj., Wyoming	3- 1
4-15— 2:00 P.M.	Pumps	Columbia Basin Project, Wash.	3- 6
4-24— 2:00 P.M.	Drum Gates	Central Valley Project	3- 5
4-23— 2:00 P.M.	Gates	Boise Project, Idaho	3- 7

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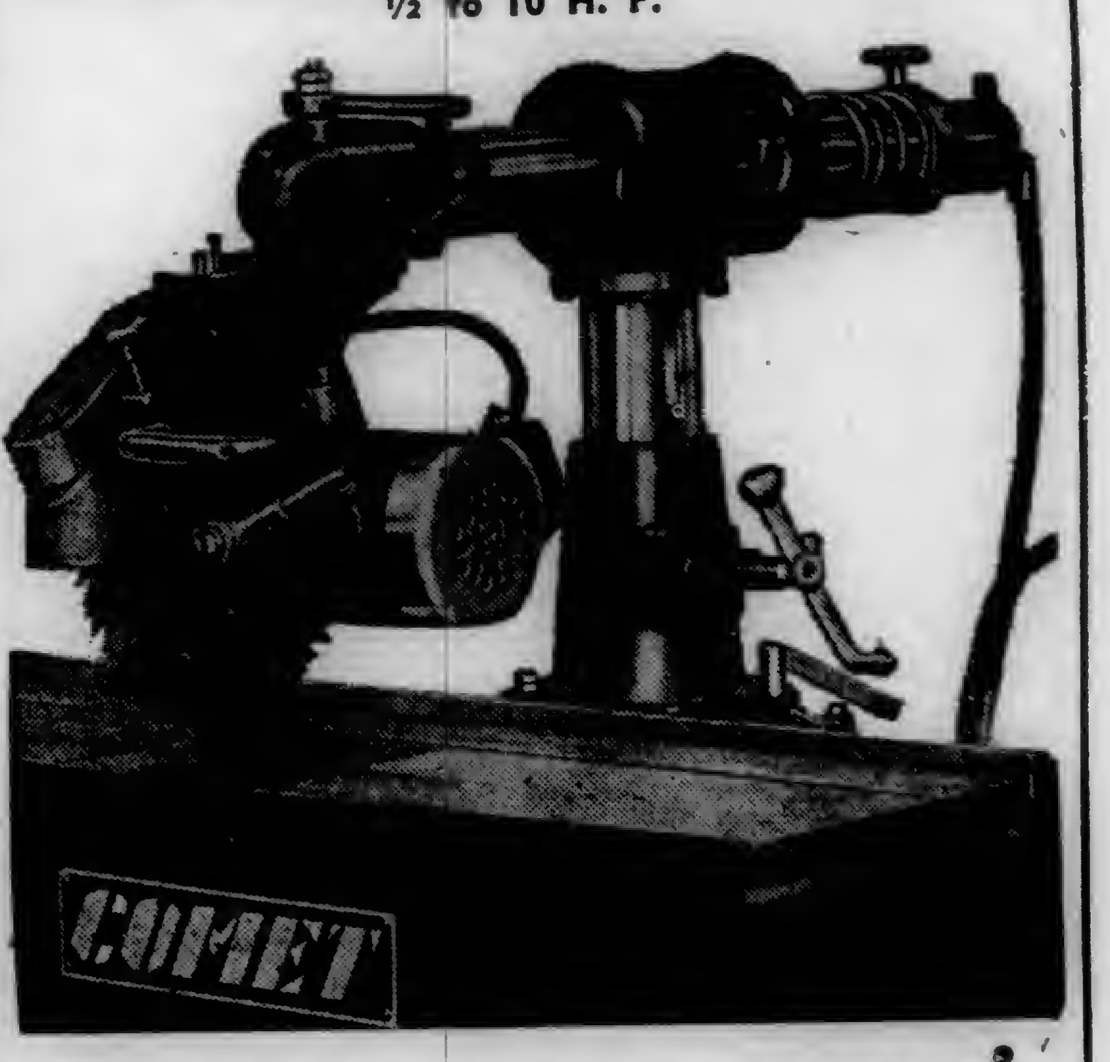

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BUILDING PERMITS Applications

SAN FRANCISCO

CLASS "B" MEDICAL - DENTAL BUILDING, $950,000; N Post 60 E Gough; owner, 1350 Corporation, 1350 Post; builder, Barrett & Hilp, 918 Harrison St.

CLASS "A" BREWERY, $275,000; NE corner 20th and Treat Ave; owner, Regal Amber Brewing Co, 675 Treat Ave; architect, H E Baumann, 251 Kearny St; engineer, James Smith, 251 Kearny St.

CLASS "C" SHOP BUILDING, $24,000; SE 16th and Missouri; owner, Heil Equipment Co, 963 Harrison; builder, Larsen & Larsen, 629 Bryant St.

CLASS "C" STORE, $20,000; E 5th St SE Clementina; owner, Peterson Tractor & Equipment Co; architect, Irwin M Johnson, 449 MacArthur Blvd, Oakland.

CLASS "C" GASOLINE STATION, $15,000; NE Fell and Van Ness; owner and builder, Standard Oil Co, 225 Bush St.

ALTER FOOD MARKET, $10,000; SW Portola and Teresita; owner and builder, Rollo Brown, 398 Douglass.

ALTER FLATS, $8500; 3352 Clay St; owner, D A Pike, prem; builder, A Conrad Johnson, 1294 32nd Ave.

ALTER SALESROOM, $8000; 650-654 Howard; owner, Cleveland Twist Drill Co, 650 Howard; builder, Erbentraut & Summers, 446 6th St

CLASS "C" BUILDING (1-story), $8000; SE Ocean and Onondaga; owner, Hancock Oil Co, 19th and Illinois; builder, Aetna Construction Co, 1730 24th Ave.

DWELLINGS (1-story frame) (2), $7000 each; E Athens 100, 125 N Brazil; owner, A Schrang, 700 Paris St; builder, Harvey Shirley, 137½ Joost Ave.

DWELLINGS (1-story frame) (2), $5750 each; N Rivera 76, 101 W 20th Ave; owner and builder, N W Anderson, 614 Taraval.

DWELLINGS (1-story frame) (4), $5500 each; E St Charles 142.63, 167.63, 217.63, 192.63 N Niantic; owner and builder, Sterling Building Co, 235 Arch St.

ALTER FLATS, $3500; 117-119 Le Roy Place; owner, A Andrew, 368 Post St; builder, Adolph Andrew & Son, 230 Hazelwood Ave.

DWELLINGS (1-story frame) (10), $3000 each; S Olmstead 120 W Goettingen; SE Somerset and Olmstead; E Somerset 25, 50, 75 S Olmstead; W Goettingen 50, 75, 125, 150, 175 N Olmstead; owner, Silver Investment Co, 2080 Silver Ave; builder, Nils E Johnson, 2080 Silver Ave

ALTER DENTAL LABORATORY, $2700; 202 Hemlock; owner, California Dental Laboratory, Flood Bldg; builder, Arnold J Bohr, 1465 Washington.

ALTER BAR, $850; 309 Cortland Ave; owner, Paul Der Val, 131 Ellsworth; builder, D E McDonald, Alameda.

ALTER STORE, $800; 3432 Mission; owner and builder, John A Michelson, 750 Foerster.

ALTER MACHINE SHOP, $500; SE Jerrold and Barneveld; owner, Hawley Forge & Mfg Co, 2350 Jerrold; builder, D J & T Sullivan, 1942 Folsom St.

ALTER SHOP, $500; 889 Bryant St; owner, Ed Rosemont, 176 Duboce Ave.

BUILDING PERMITS Granted

SAN FRANCISCO

MARCH 6, 1946

DWELLING, 1-story frame, $10,000; SW cor Parker Ave and California St; owner, B M Shimkin.

ALTER bldg into mattress and upholstery shop, $1000; 1044 Howard; owner, Martin Stanovich.

ALTER grocery store and dwelling, $700; 2907 Diamond St; owner, Antonio Pardini.

ALTER creamery, $500; 832 Clement St; owner, Davis & Griffin.

DWELLING, 1-story frame, $5500; N Maynard St 577 E Bongdon; owner, Albert Morth.

ALTER bldg, $650; 3286 Mission St; owner, Steve Astmos.

ALTER housekeeping rooms, $500; $1350 Golden Gate Ave; owner, B J Mahony.

ALTER home, $500; 650 Naples St; owner, Joseph Picirno.

DWELLING, 2-story frame, $17,000; S El Camino Del Mar 125 W 30th Ave; owner, Edward Rifkind.

ALTER dwelling, $800; 2475 34th Ave; owner, B Reinhart.

ALTER hotel, stores, etc., $10,000; SE Cor Sutter and Kearny; owner Eugene N Fritz.

ALTER restaurant, $2000; 2100 Van Ness Ave; owner, Grison Restaurant.

ALTER fur store, $2000; 146 Geary; owner, Robert Wallace.

ALTER drug store, $584; NE Corner 18th Ave and Geary Blvd; owner, The Geary Drug Co.

ALTER store into tavern, $1000; 1969 Union St; owner, Louis Botti.

APT HOUSE, concrete and frame, $35,000; S Chestnut 103½ E Powell; owner, A Costanzo.

ALTER tavern, $700; 126 Ellis St; owner, Geo Robinson.

ALTER dwelling, $691; 926 Sanchez; owner, Leone M Meeter.

DWELLINGS, three, 1-story frame, $4500 each; W Prentiss 67, 92, 117 N Crescent; owner, Bergstrom & Larcick.

DWELLINGS, 16, 2-story frame, $10-000 each; W 20th Ave 200 North Kirkham; NW Cor 24th Ave and Judah St; W 24th Ave 50 N Judah; W 25th Ave 250 N Judah; N Judah 57.6, 82.6 W 31st Ave; S Judah 107.6, 132.6, 157.6 W 26th Ave, N Judah St 82.6 E 34th Ave, S Judah 57.6, 82.6 E 41st Ave, SE cor 33rd Ave and Judah St; E 33rd Ave 50 S Judah, E 34th Ave 130 S Irving, W 35th Ave 175 S Irving; owner, Henry Doelger, Bldr, Inc.

ALTER cafe-far, $1350; 234 4th St; owner, John Santucci.

ALTER apts, $700; 795 8th Avenue; owner, Basil Canellos.

SOUTH SAN FRANCISCO

BLDG, steel frame, 40x100-ft, $6500; Bayshore Highway; owner, E P Kauffman, 514 Grand Ave; contractor, J Bettancourt, 422 San Anselmo Ave, San Bruno.

OAKLAND

ALTER apts, $700; 3239-3243 Logan St; owner and contractor, E W Swanholt, 1433 46th Ave.

ALTER and Addn, $700; 966 63rd St; owner and contractor, Vicente Martinez, premises.

ALTER, $1200; 1733 21st Ave; owner, Manuel Ferreira, prem; contractor, Fred F Barges, 818 Coller Ave, San Leandro.

DWELLING, 1-story 6-room, $10,999; 339 Marlow Dr; owner, E E Smith, 380 Bancroft Ave, San Leandro; contractor, Edgar M Hayes Jr, 1475 173rd Ave, Hayward.

DWELLING, 1-story 4-room, $4000; 9304 B St; owner and builder, G Skipworth, 9312 B St.

ADDITION, 2-story, $5000; 2733 9th Ave; owner, A E Miller, premises; contractor, I A Farringer, 3030 Modesto Ave.

DWELLING, 1-story 5-room, $4800; 3019 Monticello Ave; owner and builder, F H Gamble, 2985 Frye St; one-story garage, $500.

ALTER, $800; 1622 36th Ave; owner, Frank Randozzo, prem; contractor, Jack Falsetti, 6107 Hayes.

ALTER, $500; 1491 34th St; owner and contractor, Stephen Spencer, 1491 34th St.

ADDITION, $900; 2763 35th Avenue; owner and builder, Henry H Rose, premises.

ADDITION, $600; 3142 California St; owner and builder, Edward Oho, 3142 California St.

ALTER, $600; 916 63rd St; owner and contractor, Ira Adams, prem.

SHED, 1-story, $500; 750 106th Ave; owner and builder, Daniel McCarthy, 3155 64th Ave.

ALTER, $1450; 501 MacArthur Blvd; owner, Lucky Florists, prem; contractor, Kirkman & Hanna, 1630 Webster St.

STORE, 1-story, $5000; 2800 Park Blvd; owner and builder, Anderson & Simonds, 339 15th St.

DWELLING, 1-story 5-room, $5000; 1515 98th Ave; owner and builder, Steve Capistanich, premises.

BERKELEY

ALTER, $9000; 2966 College Avenue; owner, Golden Gate Products, 995 Market St, San Francisco; contractor, Wm Cunningham, St Regis Hotel, San Francisco.

ALTER, $1000; 2115 Parker; owner and contractor, Juel Wilson, 2115 Parker.

ADDN, $1000; 2231 Derby St; owner and builder, Bessie Pyron, prem.

ALTER, $2000; 2208 Durant; owner, Isabel Crowley, 2198 Blake; contractor, Valory and Wilson, 2134 Parker.

GARAGE, $900; 982 Miller; owner and builder, Ralph Bedayn, prem.

DWELLING, three-room, $4600; 1811 Arch; owner, Wm Keasbey, prem; contractor, Sharp & Niedermeyer, 2361 Garvin Ave, Richmond.

DUPLEX, $10,000; 1255-55A Francisco; owner, Olive Diercks, Box 20, Rte 1, Sebastopol; contractor, R O Shoemake, 2415 McGee.

ALTER, $15,000; 2312 Telegraph Ave; owner, S Hamburger, Russ Bldg, San Francisco; contractor, Mills Constr Co, 605 Market Street, San Francisco; architect, Wallace H Hubbert, 580 Market St, S F.

MILL, $4000; 1330 Rose; owner, F A Stead, 1991 Center St; contractor, Frank A Stead, 1920 Addison; plans by E O Roseberg.

DWELLING, six-room, $12,800; 32 Bonnie Lane; owner, H L Lindsley, 2448 Prospect; contractor, J Thos Young, 763 Cragmont; architect, P Hammarberg, 2 Norwood Avenue.

ALTER, $800; 2327 Shattuck Ave; owner, J Armstrong, 2903 Dwight Way; contractor, B & R Constr Co, 261 Market St San Francisco.

SHED, $1500; 2812 San Pablo Ave; owner and builder, H Krusi, 100 Duncan Way.

FACTORY, $20,000; 2741 Tenth St; owner and builder, Golden Gate Products, 2734 San Pablo Ave.

DWELLING, five-room, $7000; 1527 Rose; owner and builder, George D McCrary, 1500 Rose.

DRY CLEANING Plant, $3500; rear 1507 San Pablo Ave; owner, F J Walker, 436 Pullman, Richmond; contractor, Carl Overaa, Roosevelt Ave, Richmond; plans by A Hurley.

ROOFING, $600; 5 Encina Pl; owner, F M Barry, premises; contractor, Evertite Rfg, 2309 Milvia.

ALTER, $650; 1233 aHskell; owner, Winstead, prem; contractor, O C Jones & Sons, 1601 Dwight Way.

DWELLING, four-room, $5000; 2455 Stuart; owner, W J Evans, 2744 Regent; contractor, Evans Constr Co, 2744 Regent.

PALO ALTO

RESIDENCE & garage, $9,750, 2370 Ross Rd; owner, Coastwise Constr Co, 2499 Middlefield Road; builder, E Cornblum, 2499 Middlefield Rd; architect, W E Huson, 475 24th Ave, San Francisco.

RESIDENCE & garage, $10,500; 2350 Ross Rd; owner, Coastwise Constr Co, 2499 Middlefield Road; builder, E Cornblum, 2499 Middlefield Rd; architect, W E Huson, 475 24th Ave, San Francisco.

RESIDENCE, $3000; 150 Kingsley Ave; owner, F W Rayner, prem; plans by Glenn Herreman, prem.

RESIDENCES, four and garages, $7-000 each; 2710, 2720, 2640 Cowper St, 639 Oregon Ave; owner and builder, Christiansen & Son, 575 California Ave.

RESIDENCES, four and garages, $6-500 each; 844, 846, 848, 850 Boyce Ave; owner, Frank Merrill, 575 California Ave; contractor, Christiansen & Son, 575 California Ave.

RESIDENCE, $5750; 222 Oxford Ave owner, D F Mason; contractor, L A January, 1150 Byron St.

SAN JOSE

RESIDENCES (9), $8000 each; 1721, 1701, 1760, 1700, 1780, 1720, 1670, 1761, 1781, 1740 Cleveland; owner and builder, Kocher Construction Co, 6 N First St.

WAREHOUSE, $50,000; 299 Stockton; owner, Warner Press; builder, Bridges Construction Co, 1071 Pine.

RESIDENCE, $3600; 1999 Cleveland; owner, L Waters; builder, G Standish.

RESIDENCE, $6500; 1461 Naglee; owner, Lillian Fingado; builder, G M Latta, 157 Rhodes Ave.

ALTER CHURCH, $12,000; 48 N 3rd; owner, First Presbyterian Church; builder, E A Hathaway, 1275 Glen Eyrie Ave

RESIDENCE (2-family), $8000; 996-998 N 3rd St; owner, A A McLean; builder, Gilpatrick & Standish; P O Box 741, Campbell.

RETAIL STORE, $19,000; S 2nd St; owner, Firestone Co; builder, McDonald, Young & Nelson, 121 Montgomery St, San Francisco.

RESIDENCE, $7500; 290 Mission; owner, Peter J Colla; builder, H J Wiens, 682 N 15th St.

RESIDENCE, $2500; 955 Prevost; owner and builder, Leo J Pope.

RESIDENCE, $9000; 1709 Topeka; owner and builder, O Dodd, 1365 Fremont Ave.

INDUSTRIAL BUILDING, $10,000; 1295 Campbell Ave; owner, Pratt-Low Preserving Co; builder, Pasetta Construction Co, 2390 Park Ave, Santa Clara.

COLD STORAGE PLANT, $76,000; 840 N 10th St; owner, Tri Valley Packing Corp; builder, Vern R Huck, 3021 Rowena Ave, Los Angeles.

RESIDENCE, $6000; 917 Chabrant Way; owner, R W Rice; builder, W W Hartell, 863 S 10th St.

PUBLIC GARAGE, $9000; 1557 W San Carlos; owner, F J Pimental, 45 N Buena Vista Ave; builder, L E Gibson Construction Co.

BUS BUILDING, $250,000; 11 W Santa Clara; owner, G McDonald; builder, McDonald, Young & Nelson, 121 Montgomery St, San Francisco.

SAN MATEO COUNTY (Unincorporated)

RESIDENCES (5), $6000 each; 648, 636, 644, 640 Lomita Ave; 539 Bayview Ave, Lomita Hills; owner and builder, John and Irene Hardiman, 1537 Drake Ave, Burlingame.

RESIDENCES (3), $6000 each; Lot 24, Block 16, Colley Ave; Lot 23, Block 16, Vooley Ave; Lot 25, Block 16, Cooley Ave, Woodland Place; owner and builder, Ray Wissler, 312 24th Ave, San Mateo.

RESIDENCE, $6000; 1.86 acres Haskins Hill Rd, Pescadero School District; owner and builder, Curtis A Rayer, 526 Lincoln Ave, Redwood City.

ALTER AND AD TO MILL, $10,000; 7.20 acres El Camino Real, Redwood School District; owner and builder, Progress Lumber Co, El Camino Real, Redwood City.

RESIDENCE, $7500; Lot 17, Block 310, Lakemead Way, Highlands of Emerald Lake; owner and builder, H D Peecher, 460 Victory Ave, South San Francisco.

FACTORY, $50,000; Parcel 5, Dumbarton Lane, Redwood School District; owner, Pacific Paper Converters; builder, Yunger Construction Co, 575 Mission St, San Francisco.

ADD TO RESIDENCE, $1200; Lots 34, 35, 36, Block 2, Ard Ave, North Fair Oaks; owner and builder, J Tiesler, 930 Runnymede, Palo Alto.

ADD TO AND ALTER SOCIAL HALL, $9000; Lot 6, Main St, Spanishtown South; owner, Irmandade do Diveno, Espirito Danto De San Mateo; builder, H Cuykendall.

RESIDENCE, $7000; Lot 14, Block 14, Jefferson Ave, Emerald Lake Highlands No 1; owner and builder, D L Williams, 405 Eaton Ave, Redwood City.

GARAGE AND TANK, $3500; Lots 1 and 8, Block 70, Chester St, Abbey Homestead; owner and builder, Eugene Ivani, 596 Huron, San Francisco.

ALTER RESIDENCE, $1000; Lot 18, Acacia Lane, Emerald Lake Park; owner and builder, P S Lindner, 2425 Francisco St, San Francisco.

SAN LEANDRO

WAREHOUSE, $6000; 1301 Washington Ave; owner, Maxwell Hdwe, 1301 Washington St; contractor, Swanstrom & Stahl, 2034 Hoover Ave, Oakland.

DWELLING, 1-story 6-room, $9500; 1404 Dutton Ave; owner and contractor, Bevilacqua Bros, 544 Dutton Avenue.

SAN CARLOS

DWELLING, $8,000; 2268 Howard Blvd; owner and builder, J B Wehner.

DWELLING, $10,000; 183 Sunnydale Ave; owner and builder, W F Batton Company.

BLDG, Class C, $10,000; 1601 Laurel St; owner, Andarmahr; contractor, Peter Sorensen.

DWELLING, $10,000; 1750 Cedar St; owner, D L Young; contractor, Nelson Welbanks.

DWELLINGS, two, $10,000 each; 266 Alberta Ave, 2120 St Francis Way; owner and builder, Nelson Welbanks.

DWELLING, $12,000; 1540 Morse Blvd; owner, Wicklow; contractor, Allen McIntyre.

ADDITION, $1,800; 2049 St Francis Way; owner, Palmer; contractor, Home Modernization Co.

DWELLING, $10,000; 2005 Belmont Ave; owner, Chas Frederic; contractor, P J Murphy.

DWELLING, $8,000; 1332 Cedar St; owner and builder, Jas E Fitzgerald.

QUONSET HUT, $40,000; East of Old County Road; owner and builder, Chas V Litten, engineer.

ADDITION, $1000; 1311 Geneva St; owner, H Morton; contractor, E G Steinegger.

BUILDING, Class C, $35,000; 764, 768, 772, 776 El Camino Real; owner, Husted; contractor, Jacobson.

DWELLINGS, two, $7,000 each; 124 Sunnydale Ave, 1671 Walnut St; owner and builder, United Constr Company.

DWELLING, $6,000; 1824 Greenwood Ave; owner and builder, L F Bourquin.

DWELLING, $7000; 1436 Howard Blvd; owner and builder, G Olivotti.

DWELLING, $6000; 782 Elm Street; owner and builder, E W Daniels.

DWELLING, $7000; 124 Devonshire Blvd; owner and builder, Raymond E Roach.

DWELLING, $8,000; 379 Glenwood Ave; owner and builder, E D Konig.

BLDG, Class C, $5,000; 1001 E San Carlos Ave; owner and builder, Roy Gover.

BUILDING CONTRACTS

SAN FRANCISCO

SERVICE STATION
SCOTT and Lombard Streets.
Owner—Tide Water Associated Oil Company.
Contractor, Stolte, Inc, Oakland.
Filed and dater, ...
Payments not given.
TOTAL COST $8,470.00
Specifications filed Feb 20, 1946.

ALAMEDA COUNTY

GYM BLDG, boys', one-story wood frame and stucco.
LOTS 12 and 13 Blk 537, Boardman's Map of Oakland.
Owner—R C Archbishop of S F, 1100 Franklin St, San Francisco.
Architect—E D Cerruti, 426 13th St, Oakland.
Contractor — A J Hopper Co, 243 Langton St, San Francisco.
Filed, March 7, 1946. Dated, ...

Foundation poured	$6866.66
Frame up	6866.66
Roof in place	6866.66
Brown coated	6866.66
Upon completion	6866.66
Usual 35 days after	6866.70
TOTAL COST,	$41,200.00

Bond, $41,200. Sureties, U. S. Guarantee Co. Limit, 150 working days. Plans and specifications filed.

Plumbing Permits

OAKLAND

2117 Funston Pl; owner, Spettner; dealer, O H Hanson; 3 fix; 8 w.

5410 Fleming; owner, Mills Terr Christian Church; dealer, Jos G Morony; 10 fix; 20 W.

2672-4 73rd Ave; contractor, Pulliam; dealer, Finzel; 10 fix; 22 w; 6 gas.

7939 Mtn Blvd; contractor, Pulliam; dealer, Finzel; 5 fix; 11 w; 3 gas.

955 107th Ave; contractor, Pulliam-Whiteside; dealer, Finzel; 5 fix; 11 w; 3 gas.

16041 Broadway Terrace; owner, Nelson; dealer, L F Pape; 3 fix; 3 w 0 gas.

2224 40th Ave; owner, Herlyn; dealer, W P Sheridan; 4 fix; 10 w; o gas.

3838 West; owner, ...; dealer, T L Morrill; 1 gas.

2304 9th Ave; owner, Cahill; dealer, T L Morrill; 1 fixture.

3415 High St; owner, St Lawrence Church; dealer, T L Morrill; 1 fix.

5000 E 14th St; owner, Atlas Rfg; dealer, Rowland; 1 gas.

105th Ave and Pearmain; owner, Western Const; dealer, Paddy Bruno 5 fix; 13 w; 3 gas.

3241 Logan; owner, Swartholt; dealer, Paddy Bruno; 4 fix; 8 w.

693 Spruce; owner, Hudson; dealer, Tom Lyuch; 4 fix; 11 w; 2 gas.

1426 Wellington; contractor, Edwards; dealer, E E Lawless; 3 gas.

2140 94th Ave; contractor, Jack Reno; dealer, E E Lawless; 12 fix; 21 w; 12 gas.

4278 Detroit; contractor, Visher; dealer, E E Lawless; 2 fix; 3 w; o gas.

541 Chester; owner, ...; dealer, N Jensen; 1 gas.

961 107th Ave; owner, Pulliam-Whiteside; dealer, Finzel; 5 fix; 11 w; 3 gas.

967 107th Ave; owner, Pulliam-Whiteside; dealer, Finzel; 5 fix; 11 w; 3 gas.

10702 Apricot St; owner, Pulliam-Whiteside; dealer, Finzel; 5 fix; 11 w; 3 gas.

10710 Apricot St; owner, Pulliam-Whiteside; dealer, Finzel; 5 fix; 11 w; 3 gas.

10716 Apricot St; owner, Pulliam-Whiteside; dealer, Finzel; 5 fix; 11 w; 3 gas.

BERKELEY

2700 Benvenue; owner, George A Davis; dealer, A T Baker; shower.

1256 Hopkins; owner, Gordon Fishback; dealer, Scott Co; water closet; wash basin; bath tub; sink; wash tub

2041 Ashby; owner, Parsons; dealer, Scott Co; 3 water closets; 2 wash basins; bath tub; sink; wash tub.

1540 Ada; owner, Curtin; dealer, Scott Co; 2 water closets; wash basin; bath tub; sink; wash tub.

1900 Ward; owner, J Childs dealer, Berkeley Plumbing; water closet; wash basin; sink; shower.

810 Carlton; owner, Colgate-Palmolive-Peet; dealer, R D Feary; 3 water closets; 2 wash basins; urinal.

2900 College; owner, Lacey; dealer, Geo Stoddard; water closet.

2842 Prince; owner, C Holm; dealer, Scott Co; sink.

2350 Ellsworth; owner, Dr Ellis; dealer, J A Fazio; 3 water closets; 10 wash basins; 9 sinks; 3 drains.

2642 College; owner, St John's Presbyterian Church; dealer, ...; sprinkler system.

1315 Second; owner, Chemical Pkg Co; dealer, W H Picord; water closet; wash basin.

946 Spruce; owner, Newton; dealer, J H Jevans; water closet; wash basin

1619-21 Shattuck; owner, Stanley Rendell; dealer, J H Jevans; 2 water closets; 2 wash basins.

2327 Shattuck; owner, J Armstrong; dealer, Art Johnson; 2 water closets; 2 wash basins.

1244 Allston owner, Abbott; dealer, Art Johnson; shower.

1801 Allstno; owner, Burkett; dealer, Art Johnson; water closet; wash basin.

3034 Benvenue; owner, Doyle; dealer, Art Johnson; water closet; wash basin; bath tub; sink.

2617 Durant; owner, D Pevett; dealer, Art Johnson; 3 water closets; 5 wash basins; 3 showers.

1429 Dwight Way; owner, Rogers; dealer, Art Johnson; shower; wash tub.

1611 Julia; owner, Williams; dealer, Art Johnson; water closet; wash basin; bath tub; sink.

36 Northampton; owner, H C Mankin; dealer, Art Johnson; wash basin; wash tub; shower.

2135 Oregon; owner, Fred Parsons; dealer, Art Johnson; water closet; wash basin; bath tub.

2353 Prospect; owner, G Clausen; dealer, Art Johnson; wash basin; bath tub.

2827 Regent; owner, Judkins; dealer, Art Johnson; water closet; wash basin; shower.

955 Virginia; owner, Ben W Arnoid; dealer, Art Johnson; water closet; wash basin; bath tub; sink; wash tub.

40 Stoddard Way; owner, L Henry; dealer, Art Johnson; Bendix.

1010 Creston Rd; owner, H R Wilson; dealer, Art Johnson; Bendix.

576 The Alameda; owner, Albert Seligson; dealer, Art Johnson; Bendix.

729 Hilldale; owner, H Ellis; dealer, Art Johnson; Bendix.

1510 Grant; owner, G B Thomas; dealer, Art Johnson; Bendix.

3031 Benvenue; owner, John Finlayson; dealer, Art Johnson; Bendix.

927 Creston Rd; owner, A H Eric; dealer, Art Johnson; Bendix.

1146 Delaware; owner, Lyle Springler; dealer, Art Johnson; Bendix.

2637 Grant; owner, A H Howell; dealer, Art Johnson; Bendix.

3 Acton Circle; owner, Ivan L Spanseller; dealer, Art Johnson; Bendix.

Furnace Permits

OAKLAND

1221 16th St; owner, Homer Hawthorne; dealer, Atlas Heating; floor furnace.

5126 Fairfax; owner, Encey; dealer, Atlas Heating; central furnace.

905 61st St; owner, Homer Hawthorne; dealer, Atlas Heating; floor furnace.

903 61st St; owner, Homer Hawthorne; dealer, Atlas Heating; fuoor furnace.

2719 Fruitvale; owner, Ungaretti; dealer, Atlas Heating; floor furnace.

1219 16th St; owner, Homer Hawthorne; dealer, Atlas Heating; floor furnace.

4348 Tompkins; owner, Lachstrom; dealer, Atlas Heating; floor furnace.

2715 Fruitvale; owner, Ungaretti; dealer, Atlas Heating; floor furnace.

4126 Midvale; owner, Lindberg; dealer, Holland Co; central furnace.

6614 Dover; owner, Lamb; dealer, Holland Co; central furnace.

952 Alma; owner, Da Valle; dealer, Holland Co; central furnace.

2234 E 25th St; owner, Snodgrass; dealer, Holland Co; floor furnace.

1306 81st Ave; owner, J A White; dealer, Holland Co; floor furnace.

3102 Ashbrook; owner, Rosberd; dealer, O Wood; floor furnace.

26 Bowles Pl; owner, Eastwood; dealer, O C Wood; floor furnace.

6133 E 16th St; owner, Thomas Gaspeh; dealer, California Furnace; floor furnace.

5461 Kales; owner, H R Norbeck; dealer, California Furnace; floor furnace.

2701 High; owner, E J Da Vega; dealer, California Furnace; floor furnace.

4314 View; owner, Mary E Cadwallder; dealer, California Furnace; floor furnace.

3156 Bona; owner, J Sakol; dealer, California Furnace; floor furnace.

2900 Coolidge; owner, Emily Peterson; dealer, California Furnace; floor furnace.

3812 San Juan; owner, A Decarie; dealer, California Furnace; floor furnace.

5733 San Leandro Blvd; owner, F M Ball; dealer, California Furnace; floor furnace.

2730 Seminary; owner, Juuch; dealer, California Furnace; floor furnace.

Completion Notices

SAN FRANCISCO

Recorded Accepted

March 7, 1946—230 DRAKE. Crocker Amazon Home Bldrs to whom it may concern..........March 6, 1946

March 6, '46—368 WINDING Way. Crocker Amazon Home Bldrs to whom it may concern.....................March 7, 1946

March 6, 1946—250 DRAKE, 364-364 348-348, 356 Winding Way. Crocker Amazon Home Bldrs to whom it may concern..........March 6, 1946

March 7, 1946—LOT 33 Blk 5399, Thornton Terr, known as 201 Waterville. F H and Evelyn Thorinson to whom it may concern..........................March 5, 1946

March 6, 1946—W 32nd AVE 125 N Lawton. Walter and Harriett McCauley to whom it may concern................................March 6, 1946

ALAMEDA COUNTY

Recorded Accepted

March 7, 1946—1522-24-26 SPRUCE St, Berkeley. Ilse Schulz to E M Sorensen.........................March 5, 1946

March 7, 1946—296 JAYNE AVE. John H and Florence D Biddle to Kirkham & Hanna.............................February 26, 1946

March 7, 1946—PTN LOT 91 Blk 11, Regents St Homestead Assn, Berkeley. J M Walker to whom it may concern..............March 5, 1946

March 7, 1946—PTN LOTS 5 and 6 Blk 25, Resubdiv of Smith's Subdiv of the Matthews Tract, Berkeley. J M Walker to whom it may concern..............March 5, 1946

March 7, 1946—PTN LOTS 16 and 17 Blk 19, Mathews Tract; ptn Lots 21, 22 and 23 Blk C, Carrison Tract and adj property, Berkeley. J M Walker to whom it may concern..............March 5, 1946

Map 7, 1946—LOT 1 Blk 13, Lot 5 Blk 1, San Pablo Park, Ptn Lot 2 Blk 2, State University Homestead Assn, Berkeley. J M Walker to whom it may concern.....................March 5, 1946

March 7, 1946—150 JUANA AVE. San Leandro. Adeline I Vierra to F Lackstrom..........March 1, 1946

March 6, 1946—4742 FAIR AVE, Oakland. Wiggins & Marsh to whom it may concern.....................February 28, 1946

March 5, 1946—LOT 52 and ptn lot 51, Amd map Sunset Terr, Albany. G D Gaeta to whom it may concern..............March 5, 1946

March 5, 1946—LOTS 36 and 37 Blk 1, map No 1 Regents Park, Albany. Harry D and G D Gaeta to whom it may concern.....................March 5, 1946

March 5, 1946—4175 BAYO St, Oakland. Roy L and Maria L Banks to whom it may concern.....................March 4, 1946

March 5, 1946—1563 158th AVE, San Leandro. Wm R Serra to whom it may concern.....................March 5, 1946

March 5, 1946—17300 ESTEBAN St, Hayward. Al D Murphy to Murphy Constr Co..............March 5, 1946

Non-Responsibility

SAN FRANCISCO

March 6, 1946—255 GRANT AVE. Grace H Claiborne as to improvements on property.

March 6, 1946—1097-99 MARKET St and 7, 11, 15 7th St with ctn basement space beneath Grant Bldg, 7th and Market St. Phelan Improvement Co as to improvements on property.

Electrical Permits

SAN FRANCISCO

9540 3224 Judah; owner, McArthur Building Co; contractor, Adams Electric; ....

9541-44 600, 608, 614, 620 Garfield; owner, California Construction Co; contractor, Adams Electric; 9 outlets; 9 switches; 9 plugs; service.

9545 615 Vernon St; owner, California Construction Co; contractor, Adams Electric; 9 outlets; 9 switches; 9 plugs; service

9546-48 1875-79-83 43rd Ave; owner, Superior Building Co; contractor, Adams Electric Co; 10 outlets; 10 switches; 15 plugs; service.

9549-52 33rd Ave; owner, Lindsay; contractor, Adams Electric; 13 outlets; 13 switches; 15 plugs; service.

9553 3342 Steiner; owner, Avakoff; contractor, Strom & Smith; alterations.

9554 1925 Ocean Ave; owner, Mrs M Houtales; contractor, Malm & Welter; 2 outlets.

9555 SE corner 9th and Mission; owner, Eagle Oil Refining, Inc; contractor, Malm & Welter; 2 outlets.

9556 5980 Mission; owner, ...; contractor, Kennedy Electric; service.

9557 639 Market; owner and contractor, Palace Hotel; motors.

9558 18th and Treat Ave; owner, Pacific Foundry; contractor, Kuchel & Slevers Electric Works; 20 outlets; 3 switches; 6 plugs; motors.

9559 1572 15th St; owner, F Jenson; contractor, Edward W Scott Electric; ....

9560 300 Precita Ave; owner, Folsom Club; contractor, Star Electric; 2 plugs.

9561 1355 27th Ave; owner, Smith; contractor, Star Electric; 2 outlets; 2 switches; 2 plugs.

9562 323 Geary St; owner, Gunst; contractor, Galvin Bros; 4 outlets; 4 switches; 4 plugs.

9563 579 Howad; owner, Beton Co; contractor, American Elec Constr Co; alterations.

9564 1145 Harrison St; owner, H S Watson; contractor, Buzzell Elec Works; 5 plugs.

9565 909 Hyde St; owner, Saint Francis Hospital; contractor, Buzzell Elec Works; ....

9566 537 Clay St; owner, Arata; contractor, Buzzell Elec Works; 3 outlets.

9567 2099 Bryant St; owner, ...; contractor, Century Elec Constr Co; alterations.

9568 2054 Powell; owner, Payne; contractor, Chas Yick; ....

9569 1300 Fillmore St; owner, Davis Market; contractor, Chas Yick; motors.

9570-72 Various locations and owners; contractor, Electrical Products Corp; signs.

9573-77 2000-06-10-14-18 31st Ave; owner, Lindsay; contractor, Adams Electric; 13 outlets; 13 switches; 15 plugs; service.

9578 500 Ellis St; owner, Martell Drug Co; contractor, F J Klimm;

9579 745 Cayuga Ave; owner and contractor Joseph Bellantoni; service.

9580 3750-52 16th St; owner, Zimmerman; contractor, Tunnel Electric Co; 17 outlets; 12 plugs.

9581 3801 18th St; owner, Matheson; contractor, Tunnel Electric Co; alterations.

9582 4148 18th St; owner, W Dalmas; contractor, Tunnel Electric Co; 3 outlets.

9583 Corner 7th and Geary; owner, Phil Hickory; contractor, Malm & Welter; ....

9584 SE corner 9th and Mission; owner, Phil Hickox; contractor, Malm & Welter; ....

9585-86 Various locations and owners; contractor, QRS Neon Co; signs.

9587 1969 Union St; owner, Brety; contractor, Edison Electric; ....

BERKELEY

65704 2436 10th St; owner and contractor, S G Bergvall; 5 outlets; 5 switches; 5 fixtures.

65705 2315 Shattuck Ave; owner, Marsterson; contractor, Oscar Heede 1 plug; 3 heaters.

65706 1740 University Ave; owner, Pacific Tel & Tel Co; contractor, Fred Schmits; 52 fixtures.

65707 1892 Solano; owner, T Tallerico; contractor, U G Electric; 1 sign.

OAKLAND

35977 NE corner 43rd and Telegraph; owner, White Tavern; contractor, California Electric; 1 outlet; 1 fixture; 2 plugs.

35978 602 Castro St; owner, Mr Hinge; contractor, T L Rosenberg; outlets; fixtures; alterations.

35979 2711 Union St; owner, Gardiner Manufacturing Co; contractor, Vincent Electric Motor Co; 400 hp. motor.

35980 2748 San Pablo Ave; owner, Borden's Dairy Delivery; contractor, Vincent Electric Motor Co; 100 outlets; 20 switches; 40 fixtures; 40 plugs; alterations.

35981 5601 E 14th St; owner, Santa Cruz Fruit Co; contractor, Vincent Electric Motor Co; motors.

35982 2117 Funston Place; owner, Fred Stettner; contractor, Fred Johnson Electric; 9 outlets; 4 switches; 9 fixtures; 8 plugs; alterations.

35983 2219 106th Ave; owner, D Osincup; contractor, R F Long; 10 outlets; 10 switches; 10 fixtures; 15 plugs.

35984 3512 West St; owner, Stamp; contractor, T Bushman Electric Co; 6 plugs; service.

35985 14th and Cypress Sts; owner, G Karras Grocery; contractor, manning & Whitaker; sign.

35986 1428 Alice St; owner, City Club; contractor, Spott Electrical; switches; plugs.

35987 2225 Frederick St; owner, Timber Structure Co; contractor, Spott Electrical; switches; motors; alterations.

35988 14th and Broadway; owner, S H Kress Co; contractor, Spott Electrical; outlets; plugs.

35989 1109 Cypress; owner, Tourist Inn; contractor, Manning & Whitaker; sign.

35990 6099 Claremont; owner, The Campus; contractor, Manning & Whitaker; sign.

35991 3231 Grand Ave; owner, Lindy's; contractor, Manning & Whitaker; sign.

35992 1411 23rd Ave; owner, Liquor Store; contractor, Manning & Whitaker; sign.

35993 9790 MacArthur Blvd; owner, Pearl's Place; contractor, Manning & Whitaker; sign.

35994 1811 14th Ave; owner, 14th Ave Liquor Store; contractor, Manning & Whitaker; sign.

35995 5830 Telegraph Ave; owner, Straugh Grocery; contractor, Manning & Whitaker; sign.

35996 6101 E 14th St; owner, Clyde's 61st Ave Market; contractor, Manning & Whitaker; sign.

35997 5517 Foothill Blvd; owner, Ed's Place; contractor, Manning & Whitaker; sign.

35998 380 Fairmount Ave; owner, Bruce; contractor, Scott - Buttner Electric; service.

35999 3264 Sylvan; owner, Henry Moreland; contractor, Clifford Electric Co; outlets; switches; fixtures; plugs.

36000 4441 Albert; owner, Walter Gabriel; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

36001 444 Albert; owner, Walter Gabriel; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

36002 593 98th Ave; owner, Matey & Risdon; contractor, Marelco, Inc; service.

36003 809 50th Ave; owner, Central Machine Works; contractor, Marelco, Inc; 15 hp motor.

36004 3278 E 14th St; owner, Mode O'Day; contractor, Fluoro Electric; 7 fixtures.

36005 4265 Atlas; owner, Widel; owner, Fahringer; contractor, Collins Electric; outlets; switches; fixtures; plugs.

36007 5767 Shafter; owner, Doe; contractor, Shea Electric; outlets; switches; fixtures; plugs; alterations.

36008 1100 29th Ave; owner and contractor, California Packing Corp; 19 motors.

36009 4038 Broadway; owner, Edith Beauty Shop; contractor, Matson Electrical; 4 plugs.

36010 NE corner 14th and Harrison; owner, Beckett & Federighi; contractor, T L Rosenberg; service

36011 26th and Broadway; owner, Weaver Paps; contractor, T L Rosenberg; motors.

36012 4901 Tidewater St; owner, Pacific Box Co; contractor, T L Rosenberg; 7 motors.

36013 14th and Broadway; owner, L Emanuel, Inc; contractor, T L Rosenberg; outlets; switches; fixtures; alterations.

36014 621 6th St; owner, East Bay Glass Co; contractor, T L Rosenberg; 6 outlets; 3 hp motor.

36015 2836 Foothill Blvd; owner, Graham; contractor, James Anderson; sign circuit.

36016 1824 Harrison St; owner, Schiveley; contractor, James Anderson; new service.

Classified Advertising

POSITION WANTED

Experienced ARCHITECTURAL DRAFTSMAN wants part-time work. Exper. in making sketches, floorplans, working drawings, details, etc., for residential, commercial or industrial work. Reply Box 37, c/o Daily Pacific Builder. 3/7-8-11-12/46

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Experienced SALESMAN for RESIDENTIAL MODERNIZING, capable of meeting public, planning jobs and supervising crews. Location East Bay. Call THornwall 0620, ask for Mr. Moran. to 2/13/46

QUANTITY SURVEY MAN for General Bldg. Construction. Must have initiative and good background. Permanent position. Salary open. A. Farnell Blair Co., Inc., 9 Main St., San Francisco. Phone YU. 0390.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Misc. Supplies & Materials	42
Machinery and Equipment	43

42— MISC. SUPPLIES AND MATERIALS

3/8/46 •• 42

BIDS OPENED

OAKLAND, Alameda Co., Calif.—Maydwell & Hartzell, Inc., 158 11th St., San Francisco, at $1925.45 ,submitted low bid to the East Bay Municipal Utility District, 512 16th St., Oakland, under Spec. 1714 for 2000 lin. ft. lead-covered cable.

Other bids were:

Crescent Electric Co., $18.68 per lin. ft.; total, $1928; 4 reels returnable in six months at $15 each.

Hazard Insulated Wire Works, $1936.

General Electric Supply Co., $1936.

Electric Corp., $2022.

Westinghouse Electric Supply Co., $2022.40.

Greybar Electric Co., $2022.40.

J. A. Roebling Sons, $2199.06.

State Electric Supply Co., $2280.

3/8/46 •• 42

BIDS OPENED

OAKLAND, Alameda Co., Calif.—Grinnell Co., 601 Brannan St., San Francisco, at (1) $26.11, and E. T. Haas Co., Box 411, San Mateo, at (2) $8.80, submitted low bids to the East Bay Municipal Utility District, 512 16th St., Oakland, under Spec. 1717 for furnishing 100 each dresser style pipe couplings for 16-in. steel pipe.

Complete bids follow:

E. T. Haas Co., (1) no bid, (2) $8.80; total, $440.

Grinnell Co., (1) $26.11, (2) $10.44; total, $1827.50.

Howard Supply Co., (1) $27.82, (2) $10.79; total, $1930.50.

Crane Co., (1) $28.75, (2) $11.53; total, $2014.

Oakland Plumbing Supply Co., (1) $28.19, (2) $13.07; total, $2063.

3/8/46 • 42

BIDS WANTED

SACRAMENTO, Calif.—Until Mar. 15, 5 P. M., bids will be received by the Sacramento City Council, H. G. Denton, city clerk, City Hall, for incandescent and fluorescent lamps for a period of one year commencing April 1, 1946.

Specifications obtainable from the above office.

3/8'/46 • • 42

BIDS OPENED

OAKLAND, Alameda Co., Calif.—Steel Tank and Pipe Co., 1100 4th St., Berkeley, at $11.50 per ft., total $1380, submitted low bid to the East Bay Municipal Utility Dist., Daniel Read, secretary, 512 16th St., Oakland, under Spec. 1716 for furnishing 120 feet of 42-inch steel pipe.

Other bids were:

Berkeley Steel Constr. Co., $12.30; total, $1476.

Pacific Coast Engrg. Co., $13.26; total $1584.

U. S. Pipe & Mfg. Co., $27.85; total, $3342.

(Continued on Page Seven)

43— MACHINERY AND EQUIPMENT

3/8/46 • 43

BIDS WANTED

COLUMBIA BASIN PROJECT, Washington.—Until April 24, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. 1233 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Pasco, Wash., at the option of the bidder, 60-inch pump discharge pipe for Pasco pumping plant, Columbia Basin Project, Washington. The discharge pipe will be installed by the government. No charge for copies of the specifications to prospective bona fide bidders; to others, $1.25, not returnable.

3/8/46 •• 43

CONTRACT AWARDED

CENTRAL VALLEY PROJECT, California.—Cyclops Iron Works, 837 Folsom St., San Francisco, at $100,-280, awarded contract by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1143 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Keswick, Calif., one 230-ton double-trolley, motor-operated overhead traveling crane and one lifting beam for the Keswick power plant, Kennett Division, Central Valley Project, California. The apparatus will be installed by the government.

3/8/46 • • 43

COLUMBIA BASIN PROJECT, Wash.—Until April 5, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1212 for furnishing and delivering five 115-kilovolt, 800-ampere, 3-pole, single-throw, 5-cycle oil circuit breakers having a 3-phase interrupting capacity, at rated voltage and frequency, of not less than 2,500,000 kv.-a.; two 115-kilovolt, 800 ampere, three pole, single throw, 5-cycle oil circuit breakers having a three phase interrupting capacity, at rated voltage and frequency, of not less than 1,500,000 kv.-a.; one 115 kilovolt 600 ampere, 3-pole, selector type manually gang operated, outdoor type disconnecting switch with manually gang operated grounding blades; and two 115 kilovolt, 600 ampere, three pole, single throw, manually gang operated, outdoor type disconnecting switches, for installation in the switchyard at Grand Coulee Power Plant, Columbia Basin Project, Wash., fob shipping point and/or Odair Wash. The apparatus will be installed by the Government.

No charge for copies of the specifications to prospective bona fide bidders; to others, $1.00, not returnable.

3/8/46 •• 43

LOW BIDDER

COLUMBIA BASIN PROJECT, Washington. — Pelton Water Wheel Co., 2929 19th St., San Francisco, at (Sched. I) $724,325, (Sched. II) $1,049,325, submitted low bid to Bureau of Reclamation, Custom House, Denver, Colo., for (a) furnishing assembly and detail drawings, model tests and a report of approved drawings, and (b) furnishing and delivering f.o.b. cars at shipping point or f.o.b. cars at Odair, Wash., either four or six vertical shaft, centrifugal pumps, each having a capacity of not less than 1350 cu. ft. per second at a total pumping head of 310 ft. and a speed of 200 r.p.m., for installation at Grand Coulee pumping plant, Columbia Basin Project, Washington; Specification No. 1128.

(Continued on Page Seven)

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PLANS and Speculations

Washington: Civilian Production Administration officials are drafting a new regulation to curb commercial building and channel more materials into building homes. National Housing Expediter Wilson W. Wyatt and CPA Chief John D. Small will outline the proposal March 16.

oOo

Sacramento: Governor Warren has approved allocation of premium funds to the San Francisco-San Mateo counties for improvements to the "Cow Palace", operated by those counties in Visitacion Valley. Appropriations were also signed for acquisition of sites for a boys' school and Youth Authority clinics; $300,000 for acquisition of sites for Department of Motor Vehicles office buildings, and $60,000 for snow surveys.

oOo

Mill Valley: Voters going to the polls April 9 will be asked to select the site of the proposed Veterans Memorial Auditorium.

oOo

Sacramento: The U. S. Bureau of Reclamation regional office here has announced that 14,500 acres of public land in the Tule Lake division of the Klamath Project, Oregon, will be opened for homestead settlement within the next two years. Approximately 7,500 acres are scheduled for opening this year, officials said.

oOo

San Francisco: Dr. Philip K. Gilman of this city, has begun a survey of State hospitals to serve as a guide in postwar planning of hospital facilities. Aim of the survey, which already has an appropriation of $25,000, is to make adequate hospital facilities available to every California community.

oOo

San Rafael: Citizens groups are campaigning for an increase in the $618,000 bond issue earmarked for new construction and revising of the San Rafael elementary and high schools. Although no definite figure has been announced, concensus of groups participating indicates at least $100,000 additional will be asked.

oOo

San Rafael: The San Rafael post of American Legion has proposed that a 100-bed war memorial hospital be erected as a Marin County memorial to the war dead. County medical groups have assured Legionnaires of their backing. The proposed institution would be operated on a non-profit basis and will be built on a site chosen by competent hospital engineers.

oOo

San Jose: The City Council has approved plans for reconverting 100 Army barracks into peacetime emergency housing.

Soule' Equipment Company Moves To Larger Quarters

Soule' Equipment Company has moved into larger quarters on Ferry street near Seventh in the Port of Oakland area. According to Howard L. Stilley, general manager, the new site comprises about five acres, 31,950 square feet of it under roof, with a direct spur track running into the property. It was recently vacated by Macco Construction Co., who have moved to Brisbane.

The new site provides plenty of parts and repair space and room for parking new and used equipment under cover.

Soule' Equipment Company is Northern California dealer for LeTourneau, Bucyrus-Erie, Diamond Iron Works, Pioneer Electric, Graco lubrication equipment, American Rubber Co., and Briggs and Stratton engines.

#

Byron O. Pickard Dies In Berkeley Home

Byron O. Pickard, 66, nationally-known safety engineer, and manager of the accident prevention bureau of the Waterfront Employers Association of the Pacific Coast, died last Thursday in his home at 838 San Luis road, Berkeley.

Mr. Pickard organized the bureau in 1927, and was responsible for many safety innovations used in the Pacific Coast shipping industry.

Prior to 1927 he was district engineer for the Federal Bureau of Mines here, and personally directed rescue operations in several mine disasters, including the 1922 cave-in and fire at the Argonaut mine in Amador county.

He was active in the Propeller Club and a past president of the California Society of Safety Engineers. In 1938 he was elected general chairman of the National Safety Council's Marine division here.

Funeral services were held Friday from the Grant D. Miller mortuary in Oakland.

Redwood Lumbermen Plan Research On Drying Technique

Harbinger of an expansive program of research into the science of drying California Redwod lumber, an experimental dry kiln will be constructed in the heart of the Redwood Belt at Eureka, by the Redwood Seasoning Committee of the California Redwood Association.

At the opening session of the Committee's first meeting of the year, held in February at the plant of Dolbeer & Carson Lumber Company, Eureka, Harry Sherman, Hammond Lumber Co., Samoa, was installed as chairman of the Redwood Seasoning Committee for 1946; George Gregersen, Holmes Eureka Lumber Co., Eureka, took over the secretaryship.

Summary of the Committee's activities for 1945 revealed a diversified range of subjects analyzed. Principal problems studied during the year were associated with checked bird's-eye: proper methods of kiln drying sinker stok; vertical grain lumber and relation to seasoning degrade; and the segregation and proper grading at the green chain for drying purposes.

Projects planned for 1946 embrace actual experimental dry kiln runs in application of information already obtained; research in special dyring problems associated with different classifications of stock; studies of special kiln design, and investigation of such new methods of drying as may seem practical for commercial drying of Redwood.

As part of the industry's perennial program to produce an ever-higher quality product, the Redwood Seasoning Committee was set up two years ago to further advance the technique of drying Redwood lumber. Experimental work heretofore has been carried on at the kilns of member companies.

#

ENGINEERING COURSES START AT UC EXTENSION

"Engineering Economics", an advanced course, including a discussion of such topics as life expectancy, depreciation, investment, government projects, personnel, etc., will begin in the San Francisco center of University of California Extension, 540 Powell St., Tuesday, March 12, at 7:30 p. m.

"Construction Costs and Estimating" is scheduled to begin Friday at 7:30 p. m.

COAST BUILDING PERMITS

Summary of permit valuations reported to DAILY PACIFIC BUILDER by principal city and county building inspection departments of seven Western states. For detailed report turn to Page Four.

	1944		1945		1946	
	P'mts	Value	P'mts	Value	P'mts	Value
Jan. ..	10,284	$ 18,669,081	11,693	$ 13,998,803	19,150	$ 80,904,443
Feb. ..	10,152	23,046,435	10,206	13,775,233	....	....
Mar. ..	12,813	23,540,600	12,080	18,116,289	....	....
Apr. ..	11,960	21,768,898	13,289	21,103,984	....	....
May ..	12,980	19,228,506	13,712	26,713,453	....	....
June ..	11,395	16,973,078	14,639	29,851,429	....	....
July ..	13,543	19,957,114	13,409	30,421,510	....	....
Aug. ..	12,209	18,573,766	13,764	30,110,630	....	....
Sept. ..	10,587	12,120,661	14,301	37,662,525	....	....
Oct. ..	11,971	13,924,818	18,318	46,557,363	....	....
Nov. ..	11,090	11,727,604	17,719	54,908,961	....	....
Dec. ..	9,374	11,347,828	16,479	65,775,859	....	....
Total..	138,358	$210,878,389	169,609	$388,996,039	....	....

For Better Building - - New Luminous Switch Plates

Gits Luminous Switch Plates proved in very big demand before the war—and it is announced that they are again being placed on the market molded in a new luminous plastic material that surpasses the light retention value of the material previously used.

Only a few minutes of exposure to either articial or daylight will cause these switch plates to emit a fascinating blue-white glow in the dark from 7 to 8 hours.

A colorful display card, mounting five Gits Luminous Switch Plates is furnished free to each dealer. There is a style for practically every outlet need.

These switch plates are eagerly sought on the counter for their daytime decorative as well as night time utility and safety features.

When used in combination with Gits Protect-o-heields, added protection is given the walls and wallpaper surrounding the plates and thereby eliminating finger marks and soil that proves costly in decorating.

Gits Luminous Switch Plates are sold only through jobbers. Luminous Switch Plates list 25c single gang and 42c double gang. Complete information can be had by writing direct to the manufacturer, the Gits Molding Corp., 4600 West Huron St., Chicago, or from your jobber.

Did You Know That . . .

Harry A. Thomsen, III, recently discharged from the United States Marine Corps after three and one-half years service in the South Pacific, is temporarily assisting his dad, Architect Harry A. Thomsen, Jr., 315 Montgomery street. Young Thomsen will return to college shortly to complete a course in Business Administration, after which he will join his father's architectural firm.

—0—

Elvin C. Stendell, general contractor, announces the opening of new offices at 2278 Market street, San Francisco. Telephone HEmlock 5352 or Juniper 4-6328.

—0—

John M. Bartlett, general contractor, has been occupying new offices at 703 Everett street, El Cerrito, for the past month. Phone LAndscape 5-9188.

—0—

Architect Irvin William Goldstine has announced that M. L. Gaidano and Bruce E. Heiser are now associated with him in his architectural firm at 821 Market street. The offices, formerly on the 8th floor of the Pacific Building, are moved to Room 711, 7th floor.

—0—

GROOVER AND I

NAVY NOT DUMB

The U. S. Navy is now busy arranging an atom bomb experiment and test to be staged this Spring in the Bikini Atoll group.

* * *

Numerous over-aged naval craft will be used as targets on which the Navy will drop atom bombs.

* * *

(These ships were not so overaged just six months ago! To confirm that, ask what is left of the Japanese Imperial Empire.)

* * *

Here is the pay-off: Do you think the Navy Department is going out to try to blast itself out of existence? Brother, you don't know the Navy!

* * *

That is just like asking a poker player to deal you a hand while you go to the bathroom.

* * *

If we want to see what would really happen to the Navy, why not put some spirit into the thing? Why not turn the bombing job over to the Army?

#

SIMPLIFIED PRACTICE FOR ASPHALT ROOFING

Printer copies of Simplified Practice Recommendation R213-45, Asphalt Roll Roofing and Asphalt and Tar Saturated Felt Products are now available, according to an announcement of the division of simplified practice of the national bureau of standards.

The recommendation lists items of smooth and mineral surfaced roll roofing, roll siding and saturated felt for stock production and distribution. It is based in general on the schedule of these products included in War Production Board Limitation Order L-228. Its purpose is to retain for producers, distributors and users in the postwar period, the benefits which were demonstrated during the war by the application of simplified practice to the products concerned.

Copies may be obtained from the Superintendt of Documents, Government Printing Office, Washington 25, D. C., for 5 cents each. A discount of 25 percent is available to those ordering 100 or more copies.

'The House I Want' Lecture Series To Start March 7

Modern Living, California Style—a symposium to be presented by three outstanding San Franciscans in the architectural field, will open the series of six lectures — "The House I Want", sponsored by the Women's Architectural League, the San Francisco Museum of Art and the Northern California Chapter of the American Institute of Architects, on Thursday, March 7, at the Twentieth Century Club in Berkeley at 10:00 a. m. and at the San Francisco Museum of Art in San Francisco at 2:30 p. m.

Gardner A. Dailey, Architect, Thos. D. Church, Landscape Architect, and Maurice Sands, Decorator, will participate in the group discussion of Modern Living—California Style, to start the ball rolling for one of the most timely and down to brass tacks program ever offered here in a field as important as the housing one is now.

Subjects to be covered on succeeding Thursdays will be "Choice of Site", with John S. Bolles ,Architect, and Raymond D. Smith, Realtor; "Period Influence in the Modern House", with Paul R. Williams of Los Angeles, Architect for the stars. Pietro Bellucchi of Portland will discuss the "Modern House". Frances Elkins and Dorothy Liebes will handle Contemporary Decoration; Edw. A. Williams, Landscape Architect, will take up garden plans and problems, and Wm. C. Ambrose will end the series with the subject "Your House and The Architect".

There will be question and answer period after each talk.

#

OAKLAND BUILDERS' EXCHANGE ELECTION

Election of officers of the Builders' Exchange of Oakland will take place tomorrow with polls open from 8 a. m. to 5 p. m., William B. McGrath, president, announces.

Changes in voting procedure permit use of the absentee ballot provided it reaches the polls in the Exchange before March 18.

Number of directors to be elected has been increased from 7 to 12.

Nominating committee members have selected candidates for offices on the basis of getting representation from various branches of the industry.

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ADVANCE CONSTRUCTION REPORTS

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(Established 1890)
Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

SUBSCRIPTION RATES:
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BUILDING SECTION

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1-8—COMMERCIAL BLDGS.

3/11/46 3
SUB-CONTRACTS AWARDED
WAREHOUSE Est. Cost, $40,000
PETALUMA, Sonoma County, Calif.
Construction of farm equipment display room and warehouse.
Owner—A Tomasini, c/o architect.
Architect—J. Lloyd Conrich, 593 Market St., San Francisco.
Contractor — Vogensen Construction Co., 515 H St., Petaluma, Calif.
Roofing, Heating, Hardware and Linoleum—Tomasini Hardware Co., 120 Kentucky St., Petaluma.
Electric Wiring—J. L. Bone, 132 Liberty, Petaluma.
Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.
Grading, Foundations and Concrete—Hein Bros, Basalt Rock Co., Redwood Highway, Petaluma.
Lumber and Mill Work — Sterling Lumber Co., 409 3rd St., Petaluma.
Painting—Wm. Kruse, 628 Prospect St., Petaluma.

3/11/46 7
SUB-CONTRACTS AWARDED
FROZEN FOOD LOCKER
SAN ANSELMO, Marin Co, Calif. Greenfield Ave.
Construction of one-story concrete and steel frozen food locker building (40x80 ft.).
Owner—J. J. Ongara, c/o architect.
Architect — C. F. Gromme, Alberts Bldg., San Rafael.
Contractor—E. P. Merritt, 102 Rialto Bldg., San Francisco.
Roofing—Marin County Roofing Co., 450 Francisco Blvd., San Rafael.
Plumbing, Heating and Sheet Metal—Ernest Ongaro, 243 San Anselmo Ave., San Anselmo.
Electric Wiring—L. H. Lombardi, 717 Francisco Blvd., San Rafael.
Glass—San Rafael Glass Works, 1115 3rd St., San Rafael.
Reinforcing Steel—W. S. Wetenhall Co., 17th and Wisconsin Sts., San Francisco.
Structural Steel — Judson - Pacific - Murphy Corp., 696 Pennsylvania at 22nd St., San Francisco.
Brick and Stone Work and Haydite Blocks—Ed Rainey, 626 3rd St., San Anselmo.
Painting—W. G. Thompson, 1707 Folsom St., San Francisco.
Lathing and Plastering—H. W. Laster, 15 Mariposa Ave., San Anselmo.
Concrete—Camgros Gravel & Fuel Co., Inc., 626 3rd St., San Rafael.
Asphalt Tile—Turner Resilient Floors, Inc., 141 Montgomery St., San Francisco.

3/11/46 ** 5
PLANNED
NIGHT CLUB Cost, $250,000
OAKLAND, Alameda County, Calif. 1801 Franklin St.
Remodel building for night club with luxurious decorations and facilities.
Owner—John L. Rossi, Club Mondre, 427 12th St., Oakland.
Architect—Not announced.

3/11/46 4
PREPARING WORKING DRAWINGS

LOS ANGELES, Calif.—Gruen & Krummeck, 1424 S. Kings Rd., Hollywood, are preparing working drawings for extensive remodeling of an 8-story building at 737 S. Broadway, Los Angeles, for Grayson's same address. The work will involve complete refacing of entire front, demolition and structural work to provide deep arcade extending through to fourth floor, elevator shafts, 3 new elevators, reinforced concrete work, tile work, painting, plastering, plumbing, electrical work. Bids will be requested next month. Wm. D. Coffey, structural engineer, 649 S. Olive St., Los Angeles.

3/11/46 ** 2-18
CONTRACT AWARDED
AUTOMOBILE AND APPLIANCE BUILDING
SAN FRANCISCO. Northeast corner Geary Blvd. and Blake St.
Construction of one-story reinforced concrete automobile and appliance sales and service building; work includes excavation, concrete work, structural steel, carpentry, millwork, roofing, sheet metal work, porcelain enameled iron, miscellanous and ornamental steel and iron work, lathing and plastering, glass and glazing, painting, linoleum, auto hoists, gasoline tanks and pumps, electrical work, etc.
Owner—Harry Krieger & Son, c/o engineer.
Consulting Engineer—Hyman Rosenthal, 617 Montgomery St.
Architect—Theo. G. Ruegg, 617 Montgomery St.
Contractor—Jacks & Irvine, 620 Market St., San Francisco.

3/11/46 ** 5
PREPARING PLANS
DRIVE-IN RESTAURANT
Estimated Cost, $60,000
CORTE MADERA, Marin Co., Calif.
Construction of one-story frame and stucco circular drive-in restaurant with flat roof and high tower.
Owner—E. C. Moon, c/o architect.
Architect—Conrad F. T. Kett, 75 Crescienta Dr., Sausalito.

3/11/46 7
PLANNED
STORE BUILDING
ALAMEDA, Alameda Co., Cal. Park Avenue.
Construction of three-story addition to store building.
Owner—Saylors Chocolates, Inc., 2420 Encinal St., Alameda.

3/11/46 2
CONTRACT AWARDED

LOS ANGELES, Calif.—Vinnel Co., building division, 108 W. 6th St., Los Angeles, awarded contract by Transcontinental & Western Airlines, Inc., 670 W. 6th St., Los Angeles, for construction of a two-story concrete and steel nose hangar building at 5901 W. Imperial Highway, Venice District; 85x425 ft. in area; estimated cost, $190,000. Plans were prepared by Donald R. Warren Co., 500 S. Figueroa St., Los Angeles.

3/11/46 6
CONTRACT AWARDED

ALHAMBRA, Los Angeles Co., Calif.—Steed Bros., 714 Date Ave., Alhambra, have the contract for construction of a one-story and basement store building at 421 E. Main St., Alhambra, for Lieberg's, Inc.; 85x150 ft. in area, reinforced concrete construction; estimated cost, $200,000. Plans were prepared by Quintin & Westberg, architects, 712 N. Garfield Ave., Alhambra.

3/11/46 3
CONTRACT AWARDED

LOS ANGELES, Calif. — Wm. P. Neil Co., Ltd., 4814 Loma Vista Ave., Vernon, awarded contract for the construction of a one- and part two-story warehouse building at District Blvd. and 59th St., central manufacturing district, for the United Whelan Import Corp. The building will cover an area 174x670 feet, with a second-story portion 175x300 feet in area. Plans are being prepared by Architect Harry T. Miller, 4814 Loma Vista Ave., Los Angeles.

3/11/46 6
PLANNED
STORE BLDG. Est. Cost, $4,000
EUREKA, Humboldt Co., Calif. 319 Henderson Street.
Construction of store building.
Owner—Lowery Bass, 2507 "E" St., Eureka.

3/11/46 3
CONTRACT AWARDED

VERNON, Los Angeles Co., Calif. —Wm. P. Neil Co., Ltd., 4814 Loma Vista Ave., Los Angeles, awarded contract for construction of a two-story, reinforced concrete addition to a grocery warehouse building at 4433 E 49th St., Vernon, for Central Manufacturing District; triangular shaped, 29.762 sq. ft. of floor space. Cost, $120,000.

Plans were prepared by Architect Harry Miller, 4814 Loma Vista Ave., Los Angeles.

3/11/46 3
FIRE LOSS

WOODLAND, Yolo Co., Calif.—Fire recently damaged the Locker Storage and Pioneer Distributors company, 100 W Main street, owned by Karl H. Koch, with loss estimated at $50,000. Reconstruction will commence as soon as building materials are available.

3/11/46 8
SUB-CONTRACTS AWARDED
SHOWROOM Est. Cost, $75,000
SAN RAFAEL, Marin County, Calif. 2158 Fourth Street.
Construction of showroom, service and repair shop to cover 10,000 sq. ft., plus parking lot; modernistic architecture with 128-ft. plate glass front.
Owner—Armstrong-Campbell Co., 819 Francisco Blvd., San Rafael.
Contractor—E. P. Merritt, 102 Rialto Bldg., San Francisco.
Roofing—Booth & Little, 447 Magnolia Ave., Larkspur.
Plumbing and Heating—Ernest Ongaro, 243 San Anselmo Avenue, San Anselmo.
Electric Wiring—Lombardi Electric, 717 Francisco Blvd., San Rafael
Glass—Progress Glass Co., 1622 Folsom St., San Francisco.
Reinf. Steel—W. S. Wetenhall Co., 17th and Wisconsin Streets, San Francisco.
Struc. Steel—Judson - Pacific - Murphy Corp., 696 Pennsylvania St. at 22nd St., San Francisco.
Painting—W. G. Thompson, 1707 Folsom St., San Francisco.
Lathing and Plastering—H. W. Laster, 15 Mariposa Ave., San Anselmo.
Hollow Tile—Ed Rainey, 626 Third St., San Anselmo.
Steel Rolling Doors—Cookson Company, 964 Harrison St., San Francisco

3/11/46 ** 7-8
TO PREPARE PLANS
DEPARTMENT STORE
Cost, $5,000,000
SAN FRANCISCO. Corner Masonic Ave. and Geary St., on the site of the old Calvary Cemetery.
Construction of two-story department store building involving the utilization of 300,000 sq. ft.; the new store to be accessible from three different parking levels because of natural elevations; a tire and battery service station and parking space for approximately 900 cars.
Owner—Sears, Roebuck & Co., D. S. Tarvid, San Francisco manager; H. W. Kingsley, vice - president in charge of Pacific territory, Mission and Army Sts., San Francisco.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.

3/11/46 ** 8
CONSTRUCTION UNDER WAY
SHOWROOMS
SANTA ROSA, Sonoma Co., Calif. Southern city limits.
Construction of Dodge - Plymouth showrooms and garage.
Owner — Dodge - Plymouth Co., c/o architect.
Architect—C. A. Caulkins, 1107 St. Helena, Santa Rosa.
Contractor—Wm. D Rapp, 705 Bennett Ave., Santa Rosa.

3/11/46 ** 4
CONTRACT AWARDED
TELEPHONE BUILDING
Contract Price, $77,845
SACRAMENTO, Sacramento County, Calif. 2216 Stockton Blvd.
General construction of Sacramento South office building.
Owner — Pacific Telephone & Telegraph Co., 140 New Montgomery St., San Francisco.
Plans by engineering department of owner.
Contractor — Lawrence Construction Co., 3020 V St., Sacramento.

3/11/46 * 7
COMPLETING PLANS
MARKET Est. Cost, $30,000
LOS ALTOS, Santa Clara Co., Calif. Main Street.
Construction of one-story frame and stucco market building (75x75 ft.) plate glass front.
Owner—A. P Gordon, c/o Architect.
Architect—Kress & Gibson, 515 First National Bank Bldg., San Jose.

3/11/46 ** 4
PLANS BEING FIGURED—BIDS OPEN MARCH 20, 10 A. M
ALTER AND CLEAN BUILDING
SAN FRANCISCO. 501-507 Howard St.
Alterations to and cleaning of building.
Owner—Withheld.
Architect—Otto A. Deichmann, 1026 Market St

The following contractors are figuring plans:

Peter Sartorio, 262 Clementina St.
P. E. Vukicevich, 1442 Taraval St.
Mariposa Construction Co., 1106 Mariposa St., San Francisco.

3/11/46 ** 4
CONSTRUCTION UNDER WAY
OFFICE BUILDING Cost, $90,000
NEWARK, Alameda County, Calif.
Construction of steel frame office building (80x180 ft.) with open truss steel roof joists, concrete exterior, steel sash, air conditioning using gas heating fuel.
Owner—James Graham Manufacturing Co.
Architect—Frederick H. Reimers, 233 Post St., San Francisco.
Contractor—G. W. Williams Co., 10 California Dr., Burlingame.
Heating—Aladdin Heating Corp., 2222 San Pablo Ave., Oakland.
Steel Sash—Michel & Pfeffer Iron Works, Inc., 10th and Harrison Sts., San Francisco.
Structural Steel—Herrick Iron Works 18th and Campbell Sts., Oakland.

3/11/46 * * 8
SUB-BIDS WANTED

SAN MATEO COUNTY, Calif.—Wm. Horstmeyer Co., 23 Mars St., San Francisco, is figuring plans and desires sub-bids by March 15 on the Millbrae Furniture store at Millbrae and a laundry building at South San Francisco, and by March 19 on a supermarket at San Carlos.

9-10—EDUCATIONAL BUILDINGS

3/11/46 * 10
TO PREPARE PLANS
PAROCHIAL SCHOOL
LAS VEGAS, Nevada.
Construction of parochial school to contain 10 classrooms and an auditorium to seat 400; cement block wall construction, and frame and stucco convent.
Owner—Roman Catholic Bishop of Reno, Nev.
Architects—Barker & Ott, 624 S. La Brea Ave., Los Angeles.

3/11/46 9
BIDS OPENED
HIGH SCHOOL BUILDING
PURDY, Washington.
Construction of two-story reinforced concrete high school building (250x 120 ft.) with brick face exterior.
Owner—Purdy High School District, Purdy.
Architects—Charles & Clarence Ruegger, Puget Sound Bank Bldg., Tacoma, Wash.
Low Bidder—Lewis Construction Co., 3447 4th Ave. S., Seattle, $233,000.
Other bids were:
H. R. Olsen, Tacoma, $247,000.
Dolph Jones, Tacoma, $248,000.
Bonnell Construction Co., Tacoma, $264,499.
C. F. Davidson, Tacoma, $283,301.

3/11/46 9
BIDS OPENED

REDONDO BEACH, Los Angeles Co., Calif.—Howard Dunn, P. O. Box 525, North Hollywood, at (1) $117,600 and (2) $199,554, submitted the low base bid to the Redondo Beach City School District, Administration Bldg., 115 S. Francisca Ave., Redondo Beach, February 27 for construction of a one-story frame and stucco 10-classroom building at the northwest corner of Plant and Vail Aves., Redondo Beach.

Plans were prepared by Architects Marsh, Smith & Powell, Architects' Bldg., 816 W. 5th St., Los Angeles.

Bids were received for (1) administration section, kindergarten section, classrooms No. 7, 8, 9 and 10; boys' and girls' toilets No. 2, storage No. 1, etc., and (2) for the entire project.

Complete bids were:
Howard Dunn, (1) $117,600, (2) $199,554.
Frank D Ryan, (1) $119,646, (2) no bid.
C. B. Bagnall, (1) $129,462, (2) $217,916.

3/11/46 9
CONTRACTS AWARDED

LOS ANGELES, Calif.—DeCamp-Hudson Co., 1277 W. 24th St., Los Angeles, at $81,500, awarded contract by the Los Angeles Board of Education, 1425 S. San Pedro St., Los Angeles, for the construction of a one-story, 8-classroom frame and stucco school building at the Dominguez Elementary School, 21250 Santa Fe Ave., Dominguez. The other contract awards were: Hickman & Ritter, 2411 Charnwood Ave., Los Angeles, plumbing and heating, at $16,397; Golden State Electric Co., Inc., 1515 W. 7th St., Los Angeles, electrical work, at $3383.15; Risk-Sutoon, 10504 Kauffman Ave., South Gate, painting, at $3594. Plans were prepared by the architectural section of the board, A. S. Nibecker Jr., architect, 1425 S. San Pedro St., Los Angeles.

3/11/46 9
BOND ELECTION

SAN BERNARDINO, Calif.—Voters of the San Bernardino Junior College District will hold an election April 12 (tentative date) to vote on the proposition of issuing and selling bonds in the amount of $1,157,000, which, if approved, would be used to finance construction of new buildings in the District.

The program includes the following work:

Construction of an engineering building, $200,000; a new science building to house modern laboratories for chemistry; physics, geology, biology, etc., $175,000; convert present science building to a classroom building, $35,000; expansion of existing library and additional equipment, $110,000; remodel present administration building for administration purposes on the first floor and classrooms on the second, $35,000; a new classroom building for commercial purposes, $175,000; student union building, including cafeteria, kitchen, student offices and additional classrooms, $217,000.

New parking grounds will be necessary following use of present facilities for new construction. This will cost $50,000. Miscellaneous expenses were estimated at $150,000.

Walter L. Culver, Jr., and Jess J. Jones, 2908 "D" St., San Bernardino are the architects for the district.

3/11/46 * * 9
ARCHITECT SELECTED
SCHOOL BLDG. Est. Cost, $75,000
BAYSHORE, San Mateo Co., Calif.
Alterations and improvements to school buildings.
Owner — The Bayshore Elementary School Dist., Bayshore.
Architect—Thos. M. Edwards, 704 Market St., San Francisco.

The school district recently voted bonds in amount of $75,000 to finance above construction.

3/11/46 ** 9
PREPARING PRELIMINARY PLANS
SCHOOL BUILDING
MORGAN HILL, Santa Clara County, Calif.
Construction of high school building.
Owner—Morgan Hill School District, Morgan Hill.
Architect — Robert Stanton, Pebble Beach.

3/11/46 ** 9
TO PREPARE PLANS
SCHOOL BUILDINGS
Approximate Cost, $500,000
SAN ANSELMO, Marin County, Calif.
Construction of a new elementary school building on Butterfield Rd; restoration and additions to Main Elementary School, Redhill Elementary School and Yolandales Elementary School.
Owner—San Anselmo School District, Wade Thomas, superintendent, San Anselmo.
Architects—J. Francis Ward & John S. Bolles, 369 Pine St., San Francisco.

11—HOSPITALS

3/11/46 11
PLANNED

ORANGE COUNTY, Calif.—Architects Wildman & Faulkner, 426 Spurgeon Bldg., Santa Ana, will be engaged by the Orange County Board of Supervisors under an agreement now being drafted for construction of a new wing and other general improvements to the Orange County Hospital on W. Chapman Ave., Orange; construction of a new library building at 6th and Birch Sts., Santa Ana, and construction of an additioal building for the juvenile detention home, 1207 E. 3rd St., Santa Ana. The total cost of these projects is estimated at $1,000,000.

3/11/46 11
SITE SELECTED

LOS ANGELES, Calif.—The Los Angeles City Planning Commission has notified the City Council of its choice for a site at the block bounded by Fourth St., Sixth St., Columbia Ave. and Loma Dr., Los Angeles, for the construction of a new receiving hospital for the City of Los Angeles to cost $1,000,000.

3/11/46 * * 17
SITE PURCHASED
STATE PRISON Cost, $4,000,000
Near SOLEDAD, Monterey Co., Cal.
Construction of State prison to house 1000 prisoners from 18 to 23 years of age.
Owner—State of California, State Division of Architecture, Public Works Bldg., Sacramento.
Plans by Anson Boyd, State Architect, Public Works Bldg., Sacramento.

3/11/46 ** 11
PREPARING PRELIMINARY PLANS
MEDICAL CENTER EXPANSION
Cost, $11,000,000
SAN FRANCISCO. Third and Parnassus Ave
Reconstruction and expansion of the University of California medical center.
Owner — University of California, Berkeley.
Architect—Timothy L. Pflueger, 580 Market St., San Francisco.

3/11/46 ** 11
BIDS WANTED
TUBE RADIATION
SAN LEANDRO, Alameda Co., Calif. U. S. Naval Hospital.
Installing tube radiation in existing covered passage and solaria with the necessary additions to the existing heating system, pipes, traps, valves, connections to existing heating and return mains and incidental work, complete and ready for use at the U. S. Naval Hospital, San Leandro; Spec. 17460, NOy 13296.
Owner—Bureau of Yards and Docks, Navy Department, Public Works Department, 12th Naval District, 1182 Market St., San Francisco.
Low Bidder—Jerry Doyle, P. O. Box 74, San Leandro, $13,114.
Other bidders were:
Western Plumbing & Heating Co., $14,555.
O'Mara & Stewart, Ltd., $16,400.
Anderson & Rowe, $16,916.

12-13—INDUSTRIAL BUILDINGS

3/11/46 ** 12
PREPARING PLANS
BREWERY Cost, $275,000
SAN FRANCISCO. Northeast corner 20th St. and Treat Ave.
Construction of class A brewery building.
Owner—Regal Amber Brewing Co., 675 Treat Ave.
Architect — H. E. Baumann, 251 Kearny St.
Engineer—James Smith, 251 Kearny St.

3/11/46 ** 12
CONTRACT AWARDED
FACTORY BUILDING
OAKLAND, Alameda County, Calif. 5425 E. 14th St.
Construction of factory building.
Owner—Kay Chesterfield Manufacturing Co., 5434 E. 14th St., Oakland.
Architects—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—California Builders, Inc., corner Hobart and Webster Sts., Oakland.

3/11/46 12
PLANNED

VICTORVILLE, San Bernardino Co., Calif.—State Senator Ralph E. Swing of San Bernardino has announced that a new fish hatchery is to be built on a site four miles from Victorville, San Bernardino County, for the State of California, estimated cost, $250,000.

3/11/46 ** 13
CONTRACT AWARDED

SAN FRANCISCO.—Herman Lawson Co. ,465 Tehama St., awarded sub-contract by Fred W. Schell, 666 Mission St., for installation of new boiler room at Sanitary Laundry.

3/11/46 * * 12
WORK UNDER WAY
CANNERY Est. Cost, $400,000
SAN JOSE, Santa Clara Co., Calif. Campbell Avenue.
Construction of frame and stucco and reinforced concrete cannery building (100x360).
Owner—J. Kiser, c/o Architect.
Architect—Kress & Gibson, 515 1st National Bank Bldg., San Jose.
Contractor—Earl W. Heple, 494 Delmar Ave., San Jose.

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
8 Miles Railroad NOy 13469; Spec. 17620	Stockton	3-14

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Escalator and Elevator Additions, Lincoln Bldg., 867 Market Street, San Francisco; Bids open March 12, 3:00 P. M.
Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco (EXbrook 5616)
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
H. H. Larsen Co., 64 South Park, San Francisco (EXbrook 3190)

Superstructure for Ordnance Shop, San Francisco Naval Shipyard; NOy 12968; Spec. 17152; Bids open March 18, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
E. S. McKittrick Co., 610—16th St., Oakland (TWin Oaks 5070).
M & K Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
A. Farnell Blair Co., Inc., 9 Main St., San Francisco (YUkon 0390).
Moore & Roberts, 693 Mission St. San Francisco (GArfield 8579).
Peter Kiewit Sons' Co., 442 Post St., San Francisco (EXbrook 5736).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)

Alter Yolo Theatre, Woodland; Bids open March 13, 2:00 P. M.
Mariposa Constr. Co., 198 Mississippi St., S. F. (UNderhill 0375)
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).
Alfred J. Hopper Co., 243 Langton St., San Francisco (MArket 7070)

Bank Building, East Salinas; Bids open March 12.
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)

Drug Storage Bldg., 4th and Clementina Streets, San Francisco; Bids open March 15, 10:00 A. M.
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616).
E. S. McKittrick Co., Inc., 610—16th Street, Oakland (TWinoaks 5070).
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
DeLuca & Son, 1745 Filbert St., San Francisco (ORdway 3600).
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624).

Remodel Ford Agency, Market St. and Duboce Ave., San Francisco; Bids open March 15, 2:00 P. M.
Jacks & Irvine, 620 Market St., San Francisco (GArfield 2106).
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

Improve Facilities, South San Francisco, E. I. du Pont plant; Bids open March 18, 4:00 P. M. (EST).
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).

Medical-Dental Building, Geary Blvd. and 14th Ave., San Francisco; Bids close March 14, 5:00 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
M. J. King, Inc., 231 Franklin St, San Francisco (UNderhill 8209).
DeLuca & Son, 1745 Filbert St., San Francisco (ORdway 3600).

Firehouse Addition, San Francisco Naval Shipyard; NOy 13034; Bids close March 20, 11:00 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).

Two Pumping Plants, Gordon Valley Pipeline; Bids open Mar. 12, 9 A.M.
J. A. Bryant, 1815 Capital Street, Vallejo.

Market Bldg., 25th Ave. and Noriega St., S. F.; Bids close Mar. 11, 2 P. M.
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).

School Buildings, Pittsburg; Bids close March 18, 8:00 P. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Separation Struct., Bayshore Freeway, San Jose; Bids close Mar. 13, 2 PM
Carl N. Swenson Co., 355 Stockton Ave., San Jose (Ballard 2602).
Theater Bldg., Fairfax, Marin County; Bids open March 15, 2 P. M.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).
Maintenance Bldg., Marin Jr. College, Kentfield; Bids open Mar. 14, 8 PM
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).
ALTER and Clean Bldg., 501-7 Howard St., S. F.; Bids open Mar. 20, 10 AM
Mariposa Constr. Co., 1106 Mariposa St., San Francisco (UNderhill 0375)

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ADVANCE CONSTRUCTION REPORTS

3/11/46 • • 12
CONTRACT AWARDED
FACTORY
EMERYVILLE, Alameda Co., Calif. Green Street between 64th St. and Ocean Avenue.
Construction of factory building on 50,000 sq. ft. site.
Owner—Western Paper Box Co. Fred Kewell, Jr, 5th and Adeline Sts., Oakland.
Architect—Alben Froberg, 3454 Harlan St., Oakland.
Contractors—H. T. Christensen Co., and W. E. Lyons Constr. Co., 3454 Harlan St., Oakland.

3/11/46 •• 13
BID OPENED
BOILER
SAN JOSE, Santa Clara Co., Calif. Furnish and install one 300 hp. high-pressure steam boiler.
Owner—P. S. Products Corp., Ltd., Race and Moorpark Ave., San Jose.
Engineer—G. M. Richards & Associates, 333 Kearny St., San Francisco.
Low Bidder—C. C. Moore & Co., 450 Mission St., San Francisco, $25,507; (alternate for lower boiler) $23,724. Bid held under advisement.

14-17—PUBLIC BLDGS.

3/11/46 •• 15
BOND ELECTION
CIVIC CENTER $300,000
SAN BRUNO, San Mateo Co, Calif. Linden Blvd. and west side of El Camino Real.
Construction of two-story civic center of Spanish type architecture (538x515x171 ft.). The building will provide facilities for a city hall, a library, police headquarters, jail, and central fire station, county branch courthouse and ambulance station.
Owner—City of San Bruno, Edward McGuire, mayor, City Hall.
Architect — Richard M. Bates, 950 Baileyana Rd., Hillsborough.

The City of San Bruno will vote April 9 on a proposal to issue bonds in amount of $300,000 to finance the above construction.

3/11/46 •• 15
CONTRACT AWARDED
OAKLAND, Alameda Co., Calif.—Otis Elevator Co., 1 Beach St., San Francisco, at $847.97, awarded contract by the City of Oakland, Charles M. Don, city clerk, City Hall, for renewing hoisting cables for passenger elevator No. 1 in the City Hall building.

3/11/46 •• 16
BIDS WANTED—TO BE OPENED MARCH 20, 2 P. M.
INTERIOR PAINTING, ETC.
ST. ANTHONY, Idaho.
Interior and exterior painting, U. S. Post Office.
Owner—Federal Works Agency, Public Buildings Administration, office of the district engineer, 838 U. S. Appraiser's Bldg., San Francisco.

Specifications obtainable from the above office of the district engineer or from the custodian of the building at St. Anthony, Idaho.

3/11/46 • 15
BOND ELECTION
LOS ANGELES COUNTY, Calif.—The Los Angeles County Board of Supervisors, 501 Hall of Records, Los Angeles, passed a motion Feb. 26, authorizing the holding of a special election August 6 to vote on the proposition of issuing and selling bonds in the amount of $42,000,000, for construction of county buildings, including $19,000,000 for a court house; $4,500,000 for incinerators; $5,000,000 for Wayside Honor Farm; $2,500,000 for a juvenile detention home; $6,000,000 for public beach parks, law library, museum and other county buildings.

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1 27 E MULTIFOOT PAVER, 1 30 CAT with Cardwell Sideboom, 2 1200-gallon OIL DISTRIBUTOR TRUCKS, 1 WILLIAMETTE HOISTER LUMBER CARRIER, 66-in., 1 D 6 with Dozer, 1 P & H TRENCHER, 1 SCHRAM COMPRESSOR 260 Actual, 4 truck-mounted COMPRESSORS, 5 60 K. W. GENERATOR SETS, G M C Diesel powered, new 1 T D 18 International TRACTOR with Dozer, guaranteed. Walsh Equipment Co., 1057 Solano Ave., Albany. LA. 5-1214. to Mar, 15, 1946

21S KOEHRING CONCRETE MIXER, electric, skid mounted. Phone EXbrook 8845. •

14 S DAVIS CONCRETE MIXER mounted on four steel wheels. Phone EXbrook 8845. •

CONTRACTORS' SURPLUS EQUIPMENT, Tractors, Cat. 50 and 30; Truck Crane; Boom Truck; Compressors; Ditcher, Etc. McGuire and Hester, 796—66th Avenue, Oakland. TRinidad 7676. (to 3/12/46)

FOR SALE OR RENT

⅝-yard TRUCK CRANE. Phone Pleasanton 273 or write Box 425, Pleasanton. to Mar. 12, '46

FOR RENT

7S JAEGER CONCRETE MIXER on two pneumatic-tired wheels, available for rental. Phone EXbrook 8845. •

LUMBER HANDLING EQUIPMENT: CARRIERS, STACKERS, TRUCKS. Call Mac, Pacific Carriers. Oakland. KE 4-1651.

WANTED

WORK FOR D 8 TRACTORS, CARRYALLS and TERRA COBRAS. Phone Stockton 66639. tf

50 18-in. TROUGHING ROLLS, 20 18-in. RETURN IDLERS. Anderson Gravel Co., 59 Central Ave., Mt. View. Phone Mt. View 3826. to Mar. 11, 1946

LOCOMOTIVE CRANE, DIESEL-POWERED, STANDARD GAUGE, 40 to 50 FT. BEAM, WITH OR WITHOUT MAGNET. A. D. Schader, 144 Spear St., San Francisco. Phone DO. 4577. to Mar. 22, 1946

3/11/46 •• 16
BIDS WANTED—TO BE OPENED MARCH 27, 2 P. M.
RELINE FIREBOX
YERRINGTON, Nevada.
Reline firebox of hot water heater in U. S. Post Office and Agricultural building.
Owner—Federal Works Agency, Public Buildings Administration, office of district engineer, 838 U. S. Appraiser's Bldg., San Francisco.

Specifications obtainable from the above office of the district engineer or from the custodian of the building at Yerrington, Nev.

18-19—RELIGIOUS BLDGS. BUILDINGS

3/11/46 • 19
PLANS BEING FIGURED
LOS ANGELES, Calif.—Architect Douglas McLellan, Architects' Bldg., 816 W. 5th St., Los Angeles, has completed plans and is taking bids from a closed list of contractors for the construction of a two-story frame church building at 7860 10th Ave., Los Angeles, for the 10th Ave. Baptist Church, same address; 50x200 ft. in area; estimated cost, $125,000.

20-21—SOCIAL AND RECREATIONAL BLDGS.

3/11/46 • 20
PLANNED
COMMUNITY CENTER BLDGS.
Estimated Cost, $200,000
ALBANY, Alameda County, Calif.
Construction of public community center building as living war memorial.
Owner — Public Community Center Committee, Albany, William T. Donahue, chairman.

The public community center committee has begun its drive for endorsement of various Albany organizations in support of the proposed building known as Proposition 1 on the April 8 municipal ballot.

3/11/46 •• 21
PREPARING WORKING DRAWINGS
RADIO BROADCASTING STATION
Estimated Cost, $20,000
SAN MATEO COUNTY, Calif. San Mateo Bridge Rd. east of Bayshore.
Construction of radio broadcasting station.
Owner—M. E. Planting, 240 N. Fremont St., San Mateo.
Architect—Richard M. Bates Jr., 950 Baileyana Rd., Hillsborough.

3/11/46 20
PLANNED
VETS. MEMORIAL Cost, $25,000
BURLINGAME, San Mateo Co., Cal. Head of Myrtle road, north and west of present Legion building.
Construction of Veterans' Memorial building.
Owner — Burlingame American Legion Post No. 163, 990 Burlingame Ave., Emil Schulz, post commander

3/11/46 20
ARCHITECTS SELECTED
WOODLAND, Yolo Co., Calif.
Construction of swimming pool.
Owner—Woodland City Council.
Architects—Silvio L. Barovetto, 58 Sutter St., San Francisco, and Al Thomas.

22-26—RESIDENTIAL BUILDINGS

3/11/46 • 23
PREPARING WORKING DRAWINGS
APARTMENT BUILDING
Estimated Cost, $200,000-$225,000
SAN CARLOS, San Mateo County, Calif.
Construction of 3-story frame and stucco apartment building to contain 36 units.
Owner and Builder—Lee Merrill, Old County Rd., San Carlos.
Architect—Richard M. Bates Jr., 950 Baileyana Rd., Hillsborough.

3/11/46 •• 26
CONTRACT AWARDED
MOTEL BUILDINGS
OAKLAND, Alameda County, Calif.
Construction of motel buildings.
Owner—Mr. Moody.
Architects—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Stolte, Inc., 8451 San Leandro St., Oakland.

3/11/46 •• 26
PLANNED
SUBDIVISION Est. Cost, $5,000,000
SAN MATEO, San Mateo Co., Calif. Bordered on east by the Bayshore Highway, west by the Southern Pacific Railroad, south by city limits near the old Leslie Salt properties and north by Sunnybrae.
Construction of 600 homes for veterans; five and six rooms each
Owners—Conway & Culligan and the American Home Builders, E. Humboldt St., San Mateo.

Construction is expected to begin May 15.

3/77/46 •• 23
PLANNED
REMODEL BUILDING
BERKELEY, Alameda County, Calif. Cambridge Apartments, Southwest corner Durant and Telegraph Aves.
Remodel 5-story Cambridge Apartments building containing 47 apartments and three stores.
Owner—Morgan & Peacock Properties Co., 2124 Kittredge, Berkeley.
Architect—Not given.

3/11/46 •• 22
PLANNED
REMODEL HOTEL
BERKELEY, Alameda County, Calif. Hotel Carlton, northwest corner Durant and Telegraph Aves.
Remodel 4-story Carlton Hotel (containing 4 stores and bank quarters on ground floor and 105 rooms above).
Owner—Morgan & Peacock Properties, 2124 Kittredge, Berkeley.
Architect—Not given.

3/11/46 •• 25
TO ASK BIDS
DUPLEX
SAN MATEO, San Mateo Co., Calif. El Cerrito Manor.
Construction of frame and stucco duplex residence (80x120 ft.).
Owner—Glen Moseley, c/o architect.
Architect — Richard M. Bates, 950 Baileyana Rd., Hillsborough.

Bids will be asked about March 21.

3/11/46 •• 24
PREPARING WORKING DRAWINGS
RESIDENCE Est. Cost, $20,000
HILLSBOROUGH VISTA, San Mateo County, Calif.
Construction of rambling farmhouse type residence containing 3 bedrooms, 2 baths.
Owner—Mr. and Mrs. Ennis, San Mateo, c/o architect.
Architect—Richard M. Bates Jr., 950 Baileyana Rd., Hillsborough.

3/11/46 •• 26
PREPARING PRELIMINARY PLANS
AUTO COURT Est. Cost, $80,000
MARIN COUNTY, Calif. Main highway between Sausalito and San Rafael.
Construction of 36-unit auto court.
Owner—Withheld.
Architect—Conrad F. T. Kett, 75 Crescienta Dr., Sausalito.

3/11/46 •• 26
PREPARING PRELIMINARY PLANS
AUTO COURT Est. Cost, $55,000
MARIN COUNTY, Calif. Main highway between Sausalito and San Rafael.
Construction of 25-unit auto court.
Owner—Withheld.
Architect—Conrad F. T. Kett, 75 Crescienta Dr., Sausalito.

3/11/46 •• 26
PREPARING PRELIMINARY PLANS
AUTO COURT Est. Cost, $90,000
OAKLAND, Alameda County, Calif.
Construction of auto court, dining room and tavern, part one- part two-story, frame and stucco.
Owner—Withheld.
Architect—Conrad F. T. Kett, 75 Crescienta Dr., Sausalito.

3/11/46 • 26
PLANNED
SUBDIVISION
SUNNYVALE, Santa Clara Co., Cal. Bet. Central and Fairoaks Aves.
Construction of 27 - lot residential subdivision.
Owners—R. W. Pedersen, 274 South Murphy St., and H. A. Pfeiffer, 505 S Murphy St.

3/11/46 • 26
COMPLETING PLANS
RESIDENCES Est. Cost, $8,000 Ea.
WALNUT CREEK, Contra Costa Co.
Construction of 12 one-story frame and stucco residences with wood shingle roofs and hardwood floors, 2-gar garages.
Owner and Builder—Arvard Johnson Bldg. Co., 412 Pioche Street, San Francisco.

3/11/46 22
PLANNED
RENOVATION OF HOTEL
BRENTWOOD, Contra Costa County, Calif. State Highway No. 4.
Renovation of the Brentwood hostelry, alterations and additions.
Owners—Mr. and Mrs. Tony Continente, 696 Central Ave., Pittsburg, and Mr. and Mrs. Vincent Continente, Pittsburg.

3/11/46 • 25
PREPARING WORKING DRAWINGS
RESIDENCE Est. Cost, $35,000
SAN MATEO COUNTY, Calif. Carolyn Estates.
Construction of one-story residence.
Owner and Builder—Lee Merrill, Old County Rd., San Carlos.
Architect—Richard M. Bates Jr., 950 Baileyana Rd., Hillsborough.

3/11/46 •• 24
BID OPENING POSTPONED UNTIL MARCH 12, 2 P. M.
RESIDENCE
SAN FRANCISCO. 16th Avenue and Presidio Wall.
Construction of one-story frame and stucco residence (8 rooms).
Owner—Dr. Hans Esberg, c/o architect.
Architects—Ward & Bolles, 369 Pine.

Bid opening date postponed from March 8.

Following contractors are figuring plans:
Mattock Construction Co., 212 Clara St.
G. P. W. Jensen & Sons, Inc., 320 Market St.
William Martin, 666 Mission St.
Russell Cullen, 478 Jackson St.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Water Supply and Sewage Disposal Plants 31-32
Bridges 33
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Docks, Piers & Harbors........ 35
Parks, Airports and Playgrounds 36
Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways........ 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

3/11/46 31
WATER PERMITS ISSUED
SACRAMENTO, Calif.—Permits to appropriate water were issued by the Department of Public Works, Division of Water Resources during February, 1946, as follows:

Per. 6482, Application 11102 (Shasta Co.) issued to Hestan and Mildred Wright, Montgomery Creeek, Feb. 4, for 1 cfs fro mLittle Roaring Creek for domestic and irrigation purposes.

Per. 6483, App. 11107 (Del Norte Co.) issued to Burton and Pearl Tyler, Smith River, Feb. 4, for 120 gpm from 2 springs for domestic purposes and irrigation of 3 acres. Est. cost, $1000.

Per. 6484, App. 11218 (Del Norte Co.) issued to Ethel E. McCarter, Medford, Feb. 7, for 20,000 .pd from California Creek, for domestic and fire protection purposes.

Per. 6485, App. 10982 (Siskiyou Co.) issued to Geo. W. Fiock, Montague, Feb. 19, for 3 cfs and 223 AF from Little Shasta River, for irrigation of 92.9 acres. Est. cost, $1127.

Per. 6486, App. 11240 (Sacramento Co.) issued to Victor E. and Carrie M. Nevin, Elk Grove, Feb. 26, for 2.5 cfs from an unnamed dredger cut, for domestic and irrigation of 207.94 acres. Est. cost, $2000.

Per. 6487, App. 11131 (Del Norte Co.) issued to John Pappadopoulos and Pete Stathes, Crescent City, Feb. 28, for 1 cfs from Pappas and Stathes creek for domestic use and irrigation of 20 acres and developing of 4½-hp.

Per. 6488, App. 10973 (Sutter Co.) issued to G. D. Williamson, Yuba City, Feb. 28, for 3 cfs from Wadsworth Canal, for irrigation of 139 acres. Est. cost, $3500.

Per. 6489, App. 10974 (Sutter Co.) issued to G. D. Williamson, Yuba City, Feb. 28, for 3 cfs from drainage ditch, for irrigation of 186 acres. Est. cost, $2500.

Per. 6490, App. 10975 (Sutter Co.) issued to Yuill Joaquin, Yuba City, Feb. 28, for 3 cfs from Wadsworth Canal, for irrigation of 260 acres. Est. cost, $3500.

Per 6491, App. 10983 (Sutter Co.) issued to W. P. Nielsen Est., Sutter, Feb. 29, for 4 cfs from Poodle Creek for irrigation of 160 acres. Est. cost $550.

Per. 6492, App. 10987 (Sutter Co.) issued to Bridge Invest. Co. ,San Francisco, Feb. 28, for 18 cfs from Gilzier Slough, for irrigation of 1390 acres. Est. cost, $10,500.

Per. 6493, App. 11025 (Sutter Co.) issued to Letha C. Middleton, et al, Wheatland, Feb. 28, for 2 cfs from Main Collecting Canal of Sacramento-San Joaquin Drainage Dist. Sys., for irrigation of 75 acres.

Per. 6494, App. 11058 (Sutter Co.) issued to E H and Floyd S Christensen, Yuba City, Feb. 28, for 15 cfs from State Reclamation Board South Collecting Canal, for irrigation of 2736.68 acres. Est. cost, $7000.

34—DAMS, RESERVOIRS & DREDGING

3/11/46 •• 34
LOW BIDDERS
SHOSHONE PROJECT, Wyoming.—The following submitted low bids to the Department of the Interior, Bureau of Reclamation, Cody, Wyo., under Spec. No. 1164 for furnishing labor and materials and performing all work for construction of earthwork and structures, Heart Mountain Canal, station 1227 plus 00 to station 1411 plus 50; lateral H-65-12 extension, station 88 plus 60.78 to station 155 plus 00; laterals H-122, H-130, H-136, H-141, H-141-1 and H-147-17; Alkali Creek drain, storm water drain "A", and storm water drain "C", Heart Mountain Division, Shoshone Project, Wyoming. The work is situated 4 to 17 miles northerly from Cody, Wyo.

Wyoming Construction Co., Laramie, Wyo., (Sched. I) $90,041.50.

Otis William & Co., Helena, Mont., (Sched. II and III) $124,392.80; total for combination, $214,434.30.

Sharrock & Pursel, Casper, Wyo., (Sched. I) $87,128.10, (II) $100,849.50, (III) $28,499.50; total, $216,477.10.

Barnard Curtis Co., Minneapolis, Minn., (II and III) $138,088.75; total combination, $228,130.25.

3/11/46 • 34
BIDS WANTED
LOS ANGELES, Calif.—Until Mar. 20, 2 P. M., bids will be received by the U. S. Engineer Office, 751 S. Figueroa St., Los Angeles, for excavating and timbering 3 test pits, approximately 20 ft. deep, on the Lower Ventura River levee project on left bank of Ventura River, Ventura; 4 test pits, approximately 20 ft. deep, on the Stewart Canyon debris basin and channel project, Ojai, Calif.; 1 test pit, approximately 30 ft. deep, on the Burbank Western (upper) channel project, Burbank, with standby time; Reg. No. LC-3793, Inv. 307.

The bids will be taken on the following approximate quantities:
(1) 170 lin. ft. excavation;
(2) 8 M ft. b.m. timber, installed;
(3) 40 hours standby time.

3/11/46 •• 34
BIDS POSTPONED
GRASS VALLEY, Nevada Co., Cal.—Until April 1, 2 P. M. (postponed from March 8), bids will be received by the Nevada Irrigation District, Elizabeth Johnson, secretary, Grass Valley, for construction of the D-S canal extension, clearing and earthwork. The proposed work is located about three miles east of Grass Valley and involves approximately 4.5 miles of canal.

The work involves:
(1) 30 acres of clearing canal right-of-way;
(2) 20 acres grubbing canal right-of-way;
(3) 80,000 cu. yds. canal excavation.

Specifications are on file at the above office or at the office of Blackie & Wood, consulting engineers, 544 Market St., San Francisco, and may be obtained upon payment of $5.

3/11/46 • • 34
NOTICE
DAVIS DAM PROJ., Ariz.-Nev.—The Utah Constr. Co., 1 Montgomery St., San Francisco, general contractors for the construction of Davis dam and power plant on the Colorado river, about 30 miles west of Kingman, at a cost of $21,462,505 for the Bureau of Reclamation, has announced that H. E. Williams has been appointed project manager, and Robert E. Amberger has been appointed personnel manager with offices at Kingman, Ariz. (telephone Blue 350). Hiring for the project is expected to begin shortly after Mar. 15, through the labor unions at Kingman and Las Vegas.

3/11/46 • • 34
BIDS WANTED
SEATTLE, Wash.—Until Mar. 18, 2 P. M., bids will be received by the U. S. Engineer Office, Textile Tower, Seattle, for exploratory foundation investigation work at Chelan Dam site, Columbia River, Chelan and Douglas Counties.
(1) 1200 ft. churn drilling, placing & casing;
(2) 100 ft. drilling, reaming, placing and casing in diamond drill holes
(3) 600 ft. diamond core drilling;
(4) 150 hours standby time for pressure tests, special sampling.

Following contractors have taken out plans:
Lynch Bros. Diamond Drilling Co., 3425 Stoneway, Seattle.
Fairbanks Drilling Co., 2437 Sixth Ave. S., Seattle.
N. C. Jannsen Drilling Co., 9407 E Marginal Way, Seattle.
Diamond Drill Contracting Co., S 18 Stone St., Spokane.
W. J. Riddock, 606 N Warren St., Helena, Mont.
Cannon & Jeffries, Box 669, Compton, Calif.
Mitchell Diamond Drill Co., 779 Bryant St., San Francisco.
E. M. Gurke, 552 26th St., Ogden, Utah.
Cannon Diamond Drill Co., Box 549, Compton, Calif.
Mott Core Drilling Co., Box 2076, Huntington, W. Va.

3/11/46 • • 34
BIDS WANTED
SEATTLE, Wash.—Until Mar. 22, 2 P. M., bids will be received by the U. S. Engineer Office, Textile Tower, Seattle, for exploratory foundation investivation work at Rock Reach dam site, Columbia River, Chelan and Douglas Counties.

Work involves:
(1) 750 ft. churn drilling, placing and casing;
(2) 100 ft. drilling, reaming, placing and casing in diamond drill holes
(3) 450 ft. diamond core drilling;
(4) 85 hours standby time for pressure tests, special sampling.

Following contractors have taken out plans:
Lynch Bros. Diamond Drilling Co., 3425 Stoneway, Seattle.
Fairbanks Drilling Co., 2437 Sixth Ave. S., Seattle.
N. C. Jannsen Drilling Co., 9407 E Marginal Way, Seattle.
Diamond Drill Contracting Co., S 18 Stone St., Spokane.
W. J. Riddock, 606 N Warren St., Helena, Mont.
Cannon & Jeffries, Box 669, Compton, Calif.
Mitchell Diamond Drill Co., 779 Bryant St., San Francisco.
E. M. Gurke, 552 26th St., Ogden, Utah.
Cannon Diamond Drill Co., Box 549, Compton, Calif.
Mott Core Drilling Co., Box 2076, Huntington, W. Va.

36—PARKS, AIRPORTS & PLAYGROUNDS

3/11/46 • 36
BIDS WANTED
SOUTH SAN FRANCISCO, San Mateo Co., Calif.—Until March 18, 8 P. M., bids will be received by the City of South San Francisco, city clerk, City Hall, for construction of a wire fence in Orange Ave. Park.

Specifications obtainable from the above office.

38—ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

3/11/46 •• 38
LOW BIDDERS
SPOKANE, Wash.—H. H. Walker, Inc., Box 389, Ellensburg, at $124,064, submitted low bid to the Bonneville Power Administration, P. O. Box 3537, Portland, Ore., for the construction of the Spokane-Colville 115-ka. wood pole transmission line. The project is to begin at Mead substation, near Spokane, and continue in a northerly direction to a point near Colville, approximately 62 miles in length. The work consists of wood pole H-frame structures of design.

Second and third low bids were:
Electric Smith, Spokane, $130,087.
Electric Construction Co., Tacoma, $136,800.50.

39—SEWERS

3/11/46 •• 39
BIDS WANTED
SANTA ROSA, Sonoma Co., Calif.—Until April 2, 8 P. M., bids will be received by the Santa Rosa City Council, city clerk, City Hall, Santa Rosa, for construction of 8.5 miles sanitary trunk line sewers.

The work involves:
(1) 594 lin. ft. 36-in. vitrified clay pipe, B&S, in place complete;
(2) 594 lin. ft. 36-in. plain concrete pipe, B&S, in place complete;
(3) 594 lin. ft. 36-in. plain concrete pipe, T&G, in place complete;
(4) 1423 lin. ft. 30-in. vitrified clay pipe, B&S, in place;
(5) 1423 lin. ft. 30-in. plain concrete pipe, B&S, in place complete;
(6) 1423 lin. ft. 30-in. plain concrete pipe, T&G, in place complete;
(7) 1472 lin. ft. 27.in vitrified clay pipe, B&S, in place complete;
(8) 1472 lin. ft. 27-in. plain concrete pipe, B&S, in place complete;
(9) 1472 lin. ft. 27-in. plain concrete pipe, T&G, in place complete;
(10) 6144 lin. ft. 24-in. vitrified clay pipe, B&S, in place complete;
(11) 6144 lin. ft. 24-in. plain concrete pipe, B&S, in place complete;
(12) 6330 lin. ft. 18-in. vitrified clay pipe, B&S, in place complete;
(13) 6330 lin. ft. 18-in. plain concrete pipe, B&S, in place complete;
(14) 6169 lin. ft. 15-in. vitrified clay pipe, B&S, in place complete;
(15) 6169 lin, ft. 15-in. plain concrete pipe, B&S, in place complete;
(16) 9983 lin. ft. 12-in. vitrified clay pipe, B&S, in place complete;
(17) 9983 lin. ft. 12-in. plain concrete pipe, B&S, in place complete;
(18) 10,204 lin. ft. 10-in. vitrified clay pipe, B&S, in place complete;
(19) 10,204 lin. ft. 10-in. plain concrete pipe, B&S, in place complete;
(20) 1579 lin. ft. 8-in. vitrified clay pipe, B&S, in place complete;
(21) 1579 lin. ft. 8-in. plain concrete pipe, B&S, in place complete;
(22) 1202 lin. ft. 6-in. vitrified clay pipe,B&S, in place complete;
(23) 1202 lin. ft. 6-in. plain concrete pipe, B&S, in place complete;
(24) 2 manholes for 6-in. or 8-in. sewer, 4-ft. to 6-ft. depth, in place complete;
(25) 3 manholes for 6-in. or 8-in. sewer, 6-ft. to 8-ft. depth, in place complete;
(26) 26 manholes for 10-in. or 12-in. sewer, 4-ft. to 6-ft. depth, in place complete;
(27) 17 manholes for 10-in. or 12-in. sewer, 6-ft. to 8-ft. depth, in place complete;
(28) 16 manholes for 10-in. or 12-in. sewer, 8-ft. to 10-ft. depth, in place complete;
(29) 2 manholes for 10-in. or 12-in. sewer, 10-ft. to 12-ft. depth, in place complete;
(30) 0 manholes for 15-in. or 18-in. sewer, 4-ft. to 6-ft. depth, in place complete;
(31) 4 manholes for 15-in. or 18-in. sewer, 6-ft. to 8-ft. depth, in place complete;
(32) 26 manholes for 15-in. or 18-in. sewer, 8-ft. to 10-ft. depth, in place complete;
(33) 10 manholes for 15-in. or 18-in. sewer, 10-ft. to 12-ft. depth, in place complete;
(34) 5 manholes for 24-in. or 27-in. sewer, 4-ft. to 6-ft. depth, in place complete;
(35) 3 manholes for 24-in. or 27-in. sewer, 6-ft. to 8-ft. depth, in place complete;
(36) 6 manholes for 24-in. or 27-in. sewer, 8-ft. to 10-ft. depth, in place complete;
(37) 4 manholes for 24-in. or 27-in. sewer, 10-ft. to 12-ft. depth, in place complete;
(38) 1 manhole for 24-in. or 27-in. sewer over 12-ft. depth in place complete;
(39) 3 manholes for 30-in. or 36-in. sewer, 4-ft. to 6-ft. depth, in place complete;
(40) 1 manhole for 30-in. or 36-in. sewer, 6-ft. to 8-ft. depth, in place complete;
(41) 11 24-in. x 4-in. Y branches in place complete;
(42) 20 18-in. x 4-in. Y branches in place complete;
(43) 75 15-in. x 4-in Y branches in place complete;
(44) 83 12-in. x 4-in. Y branches in place complete;
(45) 121 10-i. x 4-in. Y branches in place complete;
(46) 10 8-in. x 4-in. Y branches in place complete;
(47) 100 ft. 24-in. cast iron pipe constructed as per plan in place complete;
(48) 60 ft. 18-in. cast iron pipe constructed as per plan in place complete;
(49) 280 ft. 12-in. cast iron pipe constructed as per plan in place complete.

Specifications obtainable from the office of City Engineer Walter F. Adams, City Hall, Santa Rosa, upon deposit of $20.

3/11/46 • 39
BIDS WANTED
REDDING, Shasta Co., Calif.—E. B. Bishop Co., Orland, at $3630, was awarded contract by the Anderson-Cottonwood Irrigation District, Redding, for lining of two sections of irrigation canals with asphaltic plant mix. The work includes a 1320-ft. canal section a mile south of Redding and a 230-ft. section 4 miles south of Anderson.

3/11/46 • • 39
BIDS WANTED
SAN FRANCISCO.—Until Mar. 20, 2:30 P. M., bids will be received by the Department of Public Works, Room 282, City Hall, under Spec. No. 20,069 for construction of Folsom St. sewer from 12th to 18th Streets.

Work involves:
(1) 297 l.f. 24-in. VCP sewer on reinf. concrete foundation;
(2) 123 l.f. 21-inch do;
(3) 106 l.f. 15-inch VCP sewer;
(4) 2750 l.f. 12-inch do;
(5) 19 each 24x8-in. Y-branches;
(6) 6 each 21x8-inch do;
(7) 2 each 15x8-inch do;
(8) 196 each 12x8-inch do;
(9) 19 each brick manholes;
(10) 6 each catchbasin traps;
(11) 168 l.f. 10-inch. VCP culvert;
(12) 265 l.f. 6-inch do;
(13) lump sum, traffic routing work.

Specifications obtainable from City Engineer Ralph Wadsworth, City Hall, upon deposit of $10.00.

40— STREETS AND HIGHWAYS

3/11/46 •• 40
BIDS WANTED
ENCINITAS, San Diego Co., Calif.—Until March 25, 2 P. M., bids will be received by the San Dieguito Irrigation District, Encinitas, for the construction of an earth dam, earth-lined reservoir and pipeline on South Encinitas Creek at Encinitas, San Diego County. The work involves the construction of an earth embankment 45 feet in height and containing approximately 50,000 cu. yds. of fill material, together with the costruction of a reinforced concrete outlet tower, outlet pipeline, overflow spillway and other appurtenant works; the lining or a reservoir with a compacted earth fill of 22,000 cu. yds.; and the construction of 2360 lin. ft. of 20-in. steel pipeline. Note: only bidders having experience in constructing earth dams will be considered.

Plans and specifications were prepared by A. L. Sonderegger, engineer, 925 Central Bldg., Los Angeles, and are available from his office and from the office of the district upon deposit of $20; certified check for $5000 to accompany bids.

The bids will be taken as follows:
(1) 12 acres clearing and grubbing;
(2) 5000 cu. yds. excavation of materials;
(2a) 100 cu. yds. rock;
(3) 20,000 cu. yds. excavation earth in embankment and reservoir area deposited in stockpiles;
(3a) 10,000 cu. yds. excavation earth from borrow pit areas and deposited in stockpiles;
(4) 70,000 cu. yds. earthfill in embankment and reservoir lining;
(4a) 6000 cu. yds. trimming compacted earthfill of reservoir;
(5) 1220 cu. yds. excavation for spillway, hand-trimmed;
(6) 320 cu. yds. excavation for outlet tower and outlet pipe, hand-trimmed;
(7) 12,000 lbs. reinforcing steel;
(8) 190 cu. yds. concrete, outlet tower, outlet pipeline, spillway, cut-off walls and footbridge trestle foundation;
(9) 280 lin. ft. 24-in. outlet pipe;
(10) one 12-in. gate valve;
(11) two 20-in. gate valves;
(12) one special fitting mark "a";
(13) lump sum, tower control works;
(14) 600 b.m. redwood lumber;
(15) 1000 b.m. Oregon pine;
(16) lump sum, tower floors and ladders;
(17) 3200 tons rockfill blankets;
(18) 200 cu. yds. gunite;
(19) 22,000 sq. ft. reinforcing mesh;
(20) 100 tons granite blocks; 20-in. connecting pipeline;
(21) 3400 cu. yds. trenching and backfilling;
(22) 2360 lin. ft. 20-in. No. 10 gauge pipe;
(23) one special fitting, mark "b";
(24) two 26-in. Dresser couplings;
(25) lump sum, highway crossing.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Misc. Supplies & Materials 42
Machinery and Equipment 43

42— MISC. SUPPLIES AND MATERIALS

3/11/46 •• 42
BIDS WANTED
SACRAMENTO, Calif.—Until Mar. 15 bids will be received by the State Purchasing Agent, Sacramento, under Quo. 41944, Req. 104213, for furnishing 6000 gallons emulsified asphalt, 55M/200-300 mixing type, delivered to state furnished tank trucks at vendor's plant, San Francisco-East Bay area.

3/11/46 •• 42
BIDS WANTED
SAN FRANCISCO. — Until March 18, 3 P. M., bids will be received by the Purchaser of Supplies, 270 City Hall, under Bid No. 3506 for furnishing and delivering 10 6-in. and 10 8-in. detector check valves for the San Francisco Water Department.

Specifications obtainable from the above office.

3/11/46 •• 42
BIDS WANTED
SAN FRANCISCO. — Until March 18, 3 P. M., bids will be received by the Purchaser of Supplies, 270 City Hall, under Bid No. 4405 for furnishing and delivering refills for street sweepers for the term May 1, 1946, to April 30, 1947.

Specifications obtainable from the above office.

3/11/46 •• 42
BIDS WANTED
SAN FRANCISCO. — Until March 18, 3 P. M., bids will be received by the Purchaser of Supplies, 270 City Hall, under Bid No. 3507 for furnishing and delivering brake blocks and clutch facing for the Municipal Railway.

Specifications obtainable from the above office.

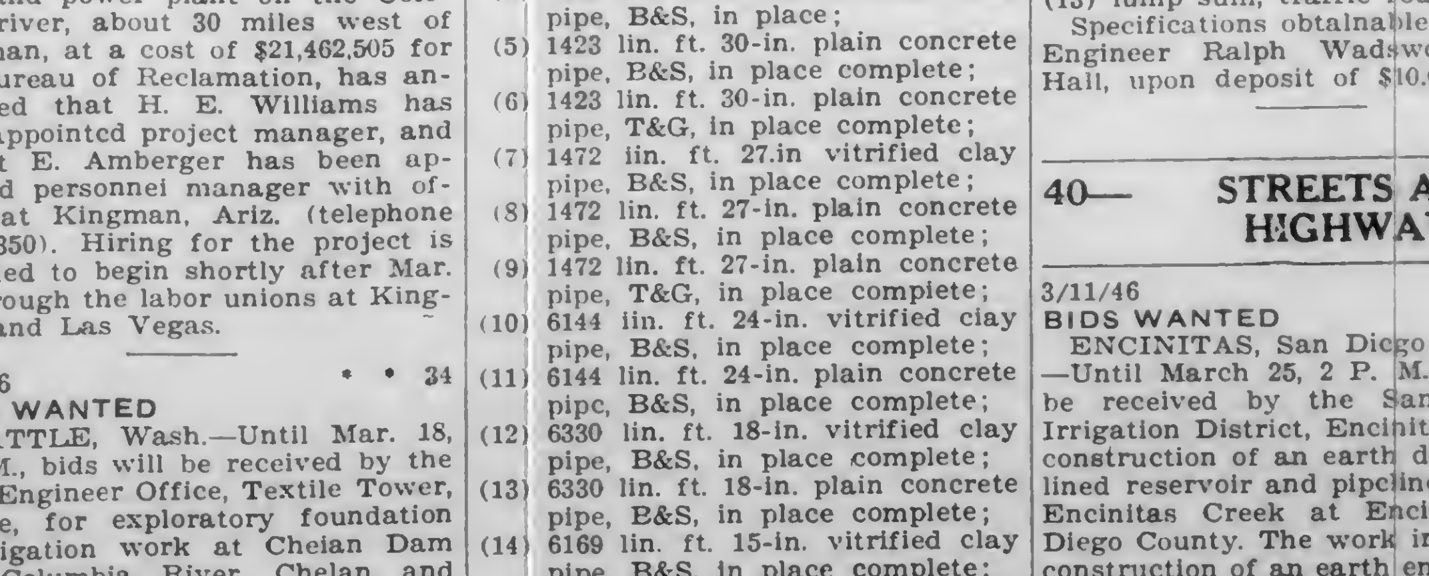
3/11/46 • • 42
BIDS WANTED
SAN FRANCISCO.—Bids will be received by the U. S. Treasury Dept., 821 Market Street, for materials as follows:
March 15, 2 P. M.
Inv. SF-2838-46: 600 wooden wedges, hickory, falling, fob San Francisco.
March 21, 2 P. M.
Inv. SF- 2849-46: 300 general purpose shovels, fob San Francisco.
March 22, 2 P. M.
Inv. SF-3850-46: 180 gals. enamel, fob San Francisco.

Specifications obtainable from the above office.

3/11/46 •• 42
BIDS WANTED—TO BE OPENED MARCH 20, 2 P. M.
DESK CHAIR, ETC.
SAN FRANCISCO. U. S. Appraiser's Bldg.
Desk chair and composition map for Appraiser's Bldg.
Owner—Federal Works Agency, Public Buildings Administration, office of the district engineer, 838 U. S. Appraiser's Bldg., San Francisco.

Specifications obtainable from the above office of the district engineer.

(Continued on Page Four)



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OAKLAND, CALIFORNIA

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS Applications

SAN FRANCISCO

CLASS "C" OFFICE AND WAREHOUSE, $28,000; SW North Point and Mason Sts; owner and builder, Larsen & Larsen, 629 Bryant St.

ALTER MACHINE SHOP, $10,000; 245 Fresent; owner, T A Short Co, prem; builder, Monson Bros, 475 6th St; engineer, W Adrian, 417 Market St.

INDUSTRIAL BUILDING (1-story frame), $10,000; E Folsom 50 S 14th St; owner, L H Price, 35 Gilbert; builder, Wagner & Martinez, 181 South Park

ALTER MEDICO-DENTAL BUILDING, $10,000; NE 17th and Carolina; owner, Wm J Peters, 74 Madrone Ave; builder, Wold Construction Co, Ltd, 4412 Fulton St.

STORE (1-story frame), $8000; W Mission 335 S Tiffany; owner, C R Haley, 168 Sutter; builder, T J Broderick, Burlingame.

DWELLING (1-story frame), $6800; S Alemany Blvd 130 SW Sickles; owner and builder, San Francisco Building & Maintenance Co, 11 Mills Bldg.

DWELLING (1-story frame), $6700; S Alemany Blvd 105 SW Sickles; owner and builder, San Francisco Building & Maintenance Co, 11 Mills Bldg.

DWELLING (1-story frame), $5000; S Rivera 100 E 17th St; owner, John Munson, 140 South Park; day work.

CLASS "A" SERVICE STATION, $4500; NW 38th and Noriega; owner, Joseph L Castor, 400 Illinois; builder, John Munson & Son, 140 South Park; engineer, Philip Baker, San Mateo

ALTER COMMERCIAL BUILDING, $4000; 1257 Market St; owner, Mr Grimes, prem; builder, Alfred P Fisher, 300 Montgomery.

ALTER FLAT AND STORE, $2000; N Geary 100 E Arguello; owner, Joe Demetrio, 1719 22nd Ave; builder, Robt P Kelly, 1511 21st Ave.

ELECTRIC SIGN, $1750; 210 Jones St; owner, Mr Lekech, prem; builder, Brumfield Electric Sign Co, 965 Folsom St

ALTER FLATS, $1000; 2211 Scott St; owner and builder, P J Baker, 2211 Scott St.

CLASS "A" CAR WASH RACK, $1000; S Commercial 100 W Davis; owner, Linderman Garage, 222 Sacramento; builder, John Munson & Son, 140 South Park.

ALTER DWELLING, $1000; 1863 48th Ave; owner and builder, A B Johnson, premises.

ALTER DWELLING, $1000; 500 Teresita Blvd; owner and builder, Reed F Trimble, premises.

ELECTRIC SIGN, $940; 3545 Geary St; owner, American Home Appliance, premises; builder, Brumfield Electric Sign Co, 965 Folsom St.

ALTER STORE, $500; 2202 Lombard; owner, Art Zimmerman, 2200 Lombard; builder, Roy A Jones Co, 1894 Turk St.

ALTER DWELLING, $500; 2811 Pierce St; owner, A Head, prem; day work.

BUILDING PERMITS Granted

SAN FRANCISCO

MARCH 7, 1946

MARKET (1-story frame), $40,000; SE corner 37th Ave and Balboa; owner, Arthur B Dunne.

DWELLINGS (1-story frame) (6), $5700 each; SW corner Woodside Ave and Fowler Ave; S line Woodside Ave 30, 55, 80, 10', 130 E Fowler Ave; owner, C R Haley.

ALTER BUILDING, $3000; 680 Folsom St; owner, W J Sloane Co.

ALTER RESIDENCE AND STORE, $500; 2828 Geary Blvd; owner, J D Levon.

ALTER RESIDENCE, $5000; 2828-30 Geary Blvd; owner, J D Levon.

ALTER DWELLING, $750; 4390 Mission St; owner, Corset Store

ALTER DWELLING, $4000; end of Lurmont Terrace; owner, Frey Coy.

ALTER BUILDING INTO AUTO AGENCY, $985; Dolores and Market Sts; owner, S & C Motors.

ALTER STORE FIXTURES, $775; 682 McAllister St; owner, Undlin.

ALTER HOME, $2500; 475 Bright St; owner, Frank G Davy.

ALTER BUILDING INTO WAREHOUSE, $1350; 501 Howard St; owner, B Blum.

CLASS "A" BREWERY, $275,000; NE corner 20th St and Treat Ave; owner, Regal Amber Brewing Co.

DWELLINGS (1-story frame) (16), E side of Gaviota Way 38, 63, 88, 113, 138, NW of Bella Vista Way; NE side of Teresita Blvd 28, 53, 78, 103, 128 NW of Evelyn Way; N side of Los Palmos Dr NW line of Lulu Alley; N side of Los Palmos Dr 28, 53, 78, 103, 128 W of Lulu Alley; 1 at $6000; 9 at $6700 each; 5 at $7500 each; owner, Theodore G Meyer.

SALES AND SERVICE BUILDING (1-story frame), $12,000; E line Van Ness Ave 200 N of 16th St; owner, James E Elkington.

ALTER APARTMENT HOUSE, $500; 957 Hayes St; owner, Antonio B Ortega.

INDUSTRIAL BUILDING, $25,000; N side Fairfax 50 W of Keith; owner, S J Amoroso

OAKLAND

ADDITION, $2770; 5319 Grove St; owner, Mr Amos, prem; contractor, Branden Constr Co, 1630 Webster Street.

ADDITION, 1-story concrete, $6716; 5127 E 14th St; owner, Acme Awning and Venetian Blind Co, 5123 E 14th St; contractor, Vezey Const Co, 3760 Araley Ave.

ADDITION, $800; 3353 Partridge; owner and builder, Dana E Brown, premises.

DWELLING, 1-story 5-room, $7900; 4442 Arcadia Ave; owner, George Jackson, premises; contractor, A W Whalin, 4229 Mtn View Ave.

DUPLEX, 1-story 9-room, $7100, and garage, $600; 1625-27 86th Avenue; owner and builder, Wm H Anderson, 3031 62nd Ave.

REPAIRS, $700; 668 42nd St; owner and contractor, Paul G de Alva, premises.

ALTER dwelling, $1500; 1043 62nd St; owner, T McKenna, 3534 Redding St; contractor, B F Lee, 2813 Humboldt Ave.

STORE bldg, 1-story, $11,000; 2056 Mtn Blvd; owner and builder, F Soule, Lafayette.

REPAIR fire damage, $800; 3512 E 15th St; owner, Est of Louise Mazganti, premises; contractor, Van Bokkelen-Cole Co, 955 22nd St.

DWELLING, 1-story 5-room, $5500, 1-story garage, $250, 1917 65th Ave owner, Arthur B Hauser, 1923 65th Ave; contractor, Walter H Edwards, 1630 Webster St.

WAREHOUSE, 1-story steel, $6500; 6905 San Leandro St; owner, R W Reade & Co, 2019 Blake St., Berkeley.

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6th and Channel, San Francisco

SACRAMENTO

ADDN to bldg, $100,000; 1011 Tenth St; owner, American Traction Co; contractor, Lawrence Constr Co.

REMODEL Hotel, $75,000; 805 K St; owner, ...; contractor, Ballard.

OFFICE, $60,000; 2909 J St; owner, Tom Laird; contractor, J Holdener.

DRIVE - IN Market, $40,000; 3200 Riverside Blvd; owner, F Kassis; contractor, H E Goodpastor.

STORE, $32,000; 2272 Stockton Blvd; owner, Carnation Milk Co; contractor, Trans-Western Constr Co.

BUNGALOW Court, $30,000; 2517 T St; owner, Mike Furtado.

CASKET Works, $14,000; 3330 20th St; owner, Sutter Casket Works; contractor, Trans-Western Constr.

OFFICE, $10,000; 1331 L St; owner, E S Keene.

DWELLING, $5500; 4301 E St; owner, J G Allen.

DWELLING, $4500; 3826 62nd St; owner, J W Lewis.

DWELLING, $4500; 1808 41st St; owner, Roy Hess.

SHED, $3000; 1801 42nd St; owner, M Ferro.

DWELLING, $3000; 2507 C Street; owner, A Hoffman; contractor, American Builders.

REDWOOD CITY

DWELLING, 4-room, $4000; 2003 Madison; owner, Mrs S A Long; contractor, H A Robertson, Route 2, Box 3175-B. x

STORAGE Shed, $1000; 1771 Bay Shore; owner and builder, Harold Sanders, Box 528.

ADDN to store, reinf concrete, $10,000; owner and builder, Wm Sadler, 1550 El Camino Real.

STORE bldg, concrete block, $16,000; 1836 El Camino Real; owner, Russo Bros.

METAL Body Shop, $4000; 423 Cassia; owner, Ferris Miles; contractor, Peter Sorensen, 927 Arguello.

ADDN to garage, reinf conc, $3000; 403 El Camino; owner, M Pfafflin; contractor, Peter Sorenson, 927 Arguello Street.

REPAIR store bldg, $2000; 884-886 Main St; owner, C Ferrando; contractor, Hans P Dobkowitz, 1267 Whipple Road.

BLDG, reinf conc, $15,000; 1751-53 El Camino; owner, V Bolocco; contractor, Peter Sorensen, 927 Arguello St.

COURT, $42,000; Willow Road near James, Menalto Park; owner and builder, B C Pearson, 300 Taraval St, San Francisco.

RESIDENCE, $10,000; Lot 10 Blk 25 Millbrae Highlands; owner and builder, Mr and Mrs Wilson, Madrid Ave, San Francisco; contractor, Geo Lieb, 611 Chatbourne, Millbrae.

FACTORY, $23,000; Harbor Blvd; owner and builder, A R Barlett, 171 El Bonito Way; architect, Oscar Thayer, 1257 Cabrillo Ave, Burlingame.

RESIDENCE, $9500; Lot 15 Alameda de las Pulgas, Tobin Dr; owner, A L Makle, San Jose; contractor, F W Winninger, 1216 Pine St, San Jose.

ADDN to residence, $3000; Lot 4 Blk 24, Chesham Way, Devonshire Properties; owner, V J McCallum, 1012 Schroeder St, San Francisco; contractor, Richard N Tone, 1555 Page St, San Francisco.

RESIDENCE, $2000; Lots 21 and 27, Stanford Weekend Acres; owner and builder, M J Erreca, Route 1 Box 627.

RESIDENCE, $3000; Lot 23 Blk 407 Highlands of Emerald Lake No 4; owners, Helen R and O L Dietmeicer, 917 Foreman, Los Altos; contractor, C T Lindsay, Inc, 824 Taraval St, San Francisco.

RESIDENCE, $3500; Lot 22 Blk 407 Highlands of Emerald Lake; owner and builder, Robert E and Marion Barringer, 917 Foreman Bldg, Los Angeles.

COMMERCIAL Bldg, concrete, $60,000; Belmont School Dist; owner, Press Wireless, Inc, Belmont; contractor, H H Larsen Co, 64 South Park, San Francisco; architect, Wm G Merchant, 57 Post St, S F.

CONCRETE Units, $6000; Lot 2 Blk 33, Bay Shore Highway near Almanor; owner and builder, Seward Whitton, 1212 Parkinson Ave, Palo Alto.

SAN MATEO COUNTY (Unincorporated)

RESIDENCES (3), $9000 each; Lots 113, 116, 119 Louvaine Dr, Broadmoor Village; owner and builder, Stonecrest Corp, 1 Sloat Blvd, San Francisco.

RESIDENCES (24), $6000 each; Lots 56, 57, 58, 59, 60, 61, 62, 63, 64, 70, 105, 106, 107, 108, 109, 110, 111, 112, 114, 115, 117, 118, 120, Louvaine Dr, Broadmoor Village; owner and builder, Stonecrest Corp, 1 Sloat Blvd, San Francisco.

RESIDENCES (5), $6000 each; Lots 74, 75, 102, 103, 104 Heather Rd, Broadmoore Village; owner and builder, Stonecrest Corp, 1 Sloat Blvd, San Francisco.

Plumbing Permits

OAKLAND

2307 38th Ave; owner, Zimmerman; dealer, Ira Goeding; 1 w; 1 gas.

472 13th St; owner, S P Co; dealer, Herman Lawson; 10 fix; 15 w; 2 gas.

409 12th St; owner, Palomar; dealer, Durant; 2 fix; 4 w.

9877 MacArthur; owner, Hill; dealer, H Lass; 4 fix; 4 w.

5324 Fairfax; owner, Ed's Barber Shop; dealer, H Lass; 1 fix; 2 w.

9412-18 Cherry; owner, Ole Moen; dealer, D N Watson; 10 fix; 26 w; 6 gas.

348 E 14th St; owner, Mrs A Lillian; dealer, W H Picard; 1 fix.

3224 Elm; owner, Mrs H Kinkleman; dealer, W H Picard; 1 fix; 2 w.

1514 56th Ave; owner, ...; dealer, J A MacKeever; 3 fix; 6 w.

1022 Market; owner, ...; dealer, A Johnson; 1 fixture.

8720 MacArthur; owner, Rodley; dealer, O L Zeis; 2 fix; 2 w.

2452 Magnolia; owner, F J Corley; dealer, L J Madden; 1 gas.

9340 Sunnyside; owner, Mrs J Molekide; dealer, same; sprinkling system 14 w.

2733 Dairby; owner, G K Brown; dealer, R A Roeber; 9 fix; 18 w; 3 gas.

68 Weybridge Court; owner, Edw Butler; dealer, R A Roeber; 8 fix; 14 w; 2 gas.

3509 Sulic and 3214 35th Avenue; owner, Cornelius Hanson; dealer, R A Roeber; 10 fix; 20 w; 6 gas.

806 Rosemont Road; owner and dealer, Louis Crillo; springling system, 8 water.

OAKLAND

1628 100th Ave; owner, Reischach; dealer, J R Pierce; 5 fixtures; 3 gas.

2225 Frederick; owner, ...; dealer, J R Pierce; 4 fixtures.

209 Marlow; owner, Patterson; dealer, J R Pierce; 6 fixtures; 3 gas.

7101 Krause; owner, Warren; dealer, J R Pierce; 6 fixtures; 3 gas.

1230 92nd Ave; owner and dealer, Carl Vanden; 4 fixtures.

4943 Proctor St; owner, ...; dealer, A Johnson; 2 fixtures.

2452 Magnolia; owner, Storley; dealer, J A Fazio; 2 gas outlets.

5319 Grove; owner, Amos; dealer, C W Roland; 8 fixtures

4638 Geranium; owner, Lincoln; dealer, Salisbury; 8 fixtures; 4 gas outlets.

1640 100th Ave; owner, Prichett; dealer, J R Pierce; 5 fixtures; 3 gas outlets.

3515 Emerson St; owner, Webb; dealer, J A Rankin; 3 fixtures.

1309 95th Ave; owner, Edison; dealer, A H McKown; 10 fixtures; 4 gas outlets.

1806 38th Ave; owner, ...; dealer, J A Freitas; 8 fixtures; 1 gas outlet.

421 Madison St; owner, John Moore; dealer, F E Neirhood; 6 fixtures; 4 gas outlets.

3912 MacArthur; owner, ...; dealer, Gus Bierman; 3 fixtures.

481 30th St; owner, ...; dealer, J Tancredy; 1 gas outlet.

4351 E 14th St; owner, J P Owens; dealer, Wallace McMillan; 9 fixtures; 2 gas outlets.

3380 Broadway; owner, H S Salisbury; dealer, Val Strough; 21 fixtures.

602 15th St; owner, H O Allen; dealer, Robt Spire; sprinkling system, 25 outlets.

2279 E 14th St; owner, ...; dealer, P H Schoenfeld; 2 fixtures.

3000 E 22nd St; owner, Warren; dealer, V L Aiken; 1 fixture.

Furnace Permits

OAKLAND

321 17th St; owner, J C Philips; dealer, J Tancready; central furnace.

3939 Huntington; owner, Van Ness; dealer, Harer Furnace Co; floor furnace.

1626 103rd Ave; owner, Van Ness; dealer, Harer Furnace Co; floor furnace.

1632 103rd Ave; owner, Van Ness; dealer, Harer Furnace Co; floor furnace.

1074 85th Ave; owner, Van Ness; dealer, Harer Furnace Co; floor furnace.

4017 Harding; owner, Savant; dealer, Harer Furnace Co; central furnace.

1126 Ocean Ave; owner, P Miller; dealer, Harer Furnace Co; floor furnace.

5308 Locksley; owner, F Short; dealer, Harer Furnace; floor furnace.

Completion Notices

SAN FRANCISCO

Recorded Accepted

March 5, 1946—2301 CHESTNUT St. Agnes Cut Rate Drug Co to Regal Mfg Co..........Feb 15, 1946

March 8, 1946—W 19th AVE 32-6 S Kirkham St. The Pacific Tel & Tel Co to M Cohn Company...... ....February 28, 1946

March 7, 1946—NW MISSION 51-1⅓ SW Brady. Pacific Tel and Tel Co to Fred W Schnell.......... ....February 28, 1946

ALAMEDA COUNTY

Recorded Accepted

March 8, 1946—4175 BAYO Street, Oakland. R W and Mildred F Delguidice to R L Banks.......... ....March 4, 1946

March 8, 1946—2331 73th AVENUE Oakland. Ed Keller to A L Holm ....February 27, 1946

CONTRA COSTA COUNTY

Mar. 6, 1946—Lot 19 and ptn Lot 18, Kensington Park Extension, Unit No 1, near El Cerrito. Martin H O'Neill to Harry E Kane.......... ....Feb. 28, 1946

Mar. 7, 1946—Lot 6, Block V, Berkeley Woods Addition, near El Cerrito. J W Newman to Scott W Bonds..........Mar. 5, 1946

Mar. 7, 1946—Ptn of Rancho Las Juntas containing 0.920 acre, Walnut Creek. Carl G Geissler to Miles A Leavens..........Feb. 25, 1946

MARIN COUNTY

..........—San Rafael. Leslie V Bilderback to L A Bilderback & Son.... ....March 2, 1946

Non-Responsibility

SAN FRANCISCO

March 8, 1946—1350 GOLDEN Gate Ave. Catherine T O'Brien and Mary D Kirwan, trs. as to improvements on property.

March 8, 1946—149 FELL St. Jessyl B and Nelson M Jacobs as to improvements on property.

ALAMEDA COUNTY

March 8, 1946—LOTS 27 and 28 Blk 143, Kellersberger's map of Oakland. Sam Gordon as to improvements on property.

CONTRA COSTA COUNTY

Mar. 7, 1946—Lot 64, Lafayette Homelands, Unit No 2, near Lafayette. The Rigney Tile Co vs Waverley N Miller..........$181.00

Electrical Permits

SAN FRANCISCO

9588 1645 33rd Ave; owner, M M Bldr; contractor, Arc Elec Co; one outlet; 1 switch; 1 plug.

9589 1515 11th Ave; owner, Conkly; contractor, Arc Elec Co; 3 outlets; 2 switches; 4 plugs.

9590 511 Vienna; owner, Glen Park; contractor, Arc Elec Co; three switches; 7 outlets; 3 plugs.

9591 253 Parque Dr; owner, Sbarboro & Jorgensen; contractor, Arc Elec Co; 10 outlets; 10 switches; 10 plugs.

9592 83 Exeter; owner, Mitchell; contractor, Arc Elec Co; 7 outlets; 6 switches; 4 plugs.

9593 155 Bronte; owner, H Blum; contractor, Arc Elec Co; 5 outlets; 4 switches; 3 plugs.

9594 2383 18th Ave; owner, Fred Johnson; contractor, Arc Elec Co; 2 outlets; 2 switches; 4 plugs.

9595 N Mission 525 W Onondaga; owner, Gauties & Carrico; contractor, Arc Elec Co; ....

9596 214 Mission; owner, Allied Reproduction Co; contractor, Ace Elec Constr Co; 12 plugs; motors.

9597 3408 Mission St; owner, Cyril Saunders; contractor, Ace Elec Const Co; 3 plugs; service; motors.

9598 743 Larkin St; owner, Elite Villa; contractor, Ace Elec Co; 1 outlet.

9599 400 7th St; owner, Ore-Calif-Nev Fast Freight; contractor, Decker Elec Constr Co; service; motors.

9600 2 Quintara St; owner, F P Alvernaz; contractor, Decker Elec Constr Co; service; motors.

9601 145 7th Ave; owner, Mrs Downey; contractor, M Schimetschek; 5 outlets; 4 switches; 7 plugs.

9602 4500 Irving St; owner, Faber; contractor, M Schimetschek; 1 plug.

9603 1401 Baker St; owner, Hunter; contractor, M Schimetschek; 1 plug.

9604-06 3527-21-15 Kirkham St; owner, M J King; contractor, M Schimetschek; 9 outlets; 9 switches; 10 plugs.

9607-24 2720, 2640, 2644, 2650, 2654, 2660, 2664, 2670, 2674, 2678, 2682, 2686, 8690, 2694, 2700-2706-2710-16 Alemany Blvd; owner Hansen & Hansen; contractor, M Schimetschek; 8 outlets; 8 switches; 10 plugs.

9625-29 469-71, 481-83, 487-89, 475-77 493,95 Monterey Blvd; owner, Hansen & Hansen; contractor, M Schimetschek; 18 outlets; 20 switches; 20 plugs.

9630 233 Downey; owner, Francisco; contractor, M Schimetschek; alterations.

9631 345 Pacific St; owner, Artist Club; contractor, M Schimetschek; alterations.

9632 3548 22nd St; owner, Darluni; contractor, M Schimetschek; alterations.

9633 150 Steiner St; owner, Chris Pederson; contractor, M Schimetschek; alterations.

9634 1801 Post St; owner, Lewis; contractor, M Schimetschek; ....

9635 143 West Portal Ave; owner, Forest Hill; contractor, O'Keeffe, The Fan Man; service; motors.

9636 35 Waverly P; owner, Bing Kong Tong; contractor, O'Keeffe, The Fan Man; ....

9637 1940 Laguna St; owner, Ross contractor, Chas Yick; 4 outlets; 1 plug.

9638 1100 McAllister; owner, ...; contractor, Pacific G & E Co; ....

9639 350 Jessie St; owner, ...; contractor, Pacific G & E Co; ....

9640 1256 28th Ave; owner, ...; contractor, Pacific Elec & Mech Co; 3 outlets; 2 switches; 5 plugs.

9641 3266 Mission St; owner, ...; contractor, Pacific Elec & Mech Co; 5 outlets; 8 switches; 5 plugs.

9642 5000 3rd St; owner, Bank of America; contractor, Pacific Elec & Mech Co; 41 outlets; 12 switches; 17 plugs.

9643 625 Market St; owner, Capital Co; contractor, Pacific Elec & Mech Co; ....

9644 1700 Fillmore owner, Bank of America; contractor, Pacific Elec & Mech Co; 15 outlets.

9645 2368 Pine St; owner, Madison & Burke; contractor, Bertrand Elec Co; ....

9646 2101 Van Ness Ave; owner, Weiman; contractor, Bertrand Elec Co; 9 outlets; 4 switches; 10 plugs; sign.

9647-8-9-50 2103-05-09-11 Van Ness Ave; owner, Weiman; contractor, Bertrand Elec Co; 5 outlets; three switches; 4 plugs; signs.

9651 229 Ellis St; owner, ...; contractor, Casey Elec; 1 outlet.

9652 152 Kearny; owner, KEC; contractor, Casey Elec; 2 outlets.

9653 W Geneva Ave 200 S Mission; owner, Rossi; contractor, Cimino Elec Co; 12 outlets; 6 switches; 24 plugs; service.

9654 1012 Taraval Street; owner, Casserd; contractor, Edison Electric Constr Co; 2 outlets.

9655 1031 Hyde St; owner, Elite French Ldry; contractor, Golden Gate Elec Co; ....

9656 2977 Clay St; owner, P A Ilyin; contractor, Metropolitan El; 2 outlets; 2 switches; 7 plugs.

9657 2060 Folsom; owner, Reliance Trailer Co; contractor, Buzzell Elec Works; 20 outlets; 11 switches; 16 plugs; motors.

9568 1335 Sutter St; owner, Grabhorn Press; contractor, Buzzell Elec Works; 8 outlets.

9659-64 Various locations and owners; contractor, Brumfield Electric Sign Co; signs.

9665 866 Haight; owner, Wobig; contractor, Smith Elec Co; service.

9666 301 8th St; owner, Galland Laundry; contractor, Enterprise El Works; alterations.

9667 530 Clay St; owner, E Hunk; contractor, Enterprise Elec Works; motor.

9668 65 Green St; owner, Golden Sate Co; contractor, Enterprise Elec Works; motors.

9669 Civic Auditorium; owner, ...; contractor, C J Holzmueller; ....

OAKLAND

36017 889 Pershing Drive; owner, Fred Lochstrom; contractor, Clifford Electric; temp. meter box.

36018 5863 MacArthur Blvd; owner, G & W Market; contractor, Pacific Elec & Mech Co; 55 fixtures.

36019 1700 7th St; owner, Randazzio; contractor, Pacific Elec & Mech Co; 10 outlets; 4 switches; 15 fixtures; 6 plugs; alterations.

36020 3714 Foothill Blvd; owner, M & H Auto Painting; contractor, Pacific Elec & Mech Co; 100 outlets; 100 fixtures.

36021 3121 Stanley; owner, Olsen; contractor, Collins Elec; service.

36022 7629 MacArthur Blvd; owner, Tony Marques; contractor, J T Grosso; sign.

36023 SE Cor 8th and Broadway; owner, Mac's Place; contractor, J T Grosso; outlets.

36024 NW Cor Clay at 11th St; owner, Sam Garfinkle; contractor, J T Grosso; 28 fixtures.

36025 562 11th St; owner, Boilermakers' Union; contractor, Electric Novelty Shop; 4 fixtures; alterations.

36026 469 13th St; owner, Younger contractor, Johnston Elec; outlets; switches; fixtures; plugs; alterations.

36027 324 8th St; owner, Flener; contractor, Johnston Elec; outlets; switches; fixtures; plugs.

36028 2546 99th Ave; owner, Pioneer Builders; contractor, Johnston Elec; outlets; switches; fixtures; plugs.

36029 1137 E 14th St; owner, Steven Foster; contractor, Johnston Elec; outlets; switches; fixtures; plugs; alterations.

36030 3918 35th Ave; owner, Wisheropp; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

36031 1003 E 11th St; owner, Mrs Chan; contractor, Spott Electric; outlets; plugs; service.

36032 74th Ave and MacArthur; owner, Haas Constr Co; contractor, Ets-Hokin & Galvan; 50 outlets; 18 switches; 70 fixtures; 24 plugs; one motor.

36033 534 12th St; owner, St Paul Hotel; contractor, Spott Electric; 1 outlet; 1 switch.

36034 1529 Clay St; owner, Best Music Co; contractor, Spott Electric Co; 1 outlet; 1 switch; signs.

36035 12th and Clay Sts; owner, Best Music Co; contractor, Spott Elec Co; 2 switches.

36036 812 105th Avenue; owner, Smith; contractor, Johnston Electric outlets; switches; fixtures; plugs.

36037 3432 Chapmion; owner, Pruiten; contractor, Clifford Elec; outlets; switches; fixtures; plugs.

Engineering Section

42— MISC. SUPPLIES AND MATERIALS

3/11/46 •• 42

BIDS OPENED

SACRAMENTO, Calif.—The following submitted bids to the State Purchasing Agent, Sacramento, for furnishing materials and equipment as follows:

QUO. 38461, REQ. A110562:

Newhall Refining Co., $14; $5 for spreading; 120 days.

Roberts Tank Line, $15.90; $5 for spreading; 3 days.

Square Oil, $12; $4.50 for spreading; as required; awarded.

Lamb Transportation Co., $15.74; $5.50 for spreading; as required.

Krieger Oil, $12.50; $4.50 for spreading; 1 day.

Exeter Refining Co., $14.55; $5 for spreading; 2 days.

McClain Truck Co., $14.60; $5.50 for spreading; 2 days.

QUO. 37923, REQ. 3965:

Edw. R. Bacon Co., Thor No. 75, $200 each; immediate delivery; net 10th prox.

Sullivan Machinery, L-57-AT, $200; 2 days; no discount.

Ingersoll-Rand Co., IR JB-5, $200; 4 days; no discount.

Chicago Pneumatic Tool Co., CP-42, $200; 1 day net.

Moore Equipment, IR-JB-4, $190; immediate delivery; discount ½ of 1 per cent.

Coast Equipment Co., Worthington-55, $178; 3 days net.

Worthington Pump & Machinery, Worthington-55, $178; 1 day net.

George M Philpot, Gardner-Denver S-55, $177; 1 day net.

Western Machinery Co., CP-S-42, $174.45; 5 days; no discount.

Rix Co., Cleveland H-111-BL, $180; 1 day net.

QUO. 37925, REQ. 3932:

Coast Equipment Co., South Bend M-2, $1325 each; 120 days net.

Edw F Hale, Standard Steel Model SF, $1198 each; 75 days; 2 per cent 30 days.

Edw R Bacon Co, Littleford-101, $1159 each; 4 to 6 weeks; net 10th prox.

Standard Machinery, Roscoe RMT, $1342 each; if furnished with 3/16-in. heads and 210 GA shells, add $19 each; 40-50 days' delivery; 8 per cent 30 days; subject to acceptance within 10 days.

3/11/46 • • 42

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the Purchaser of Supplies, City Hall, under Bid No. 3497 for furnishing and delivering 3500 trolley ears and 350 splicing ears for the Municipal Railway:

Westinghouse Electric Corp., (1) $72.10 per 100; (2) $65.70; (3) $105; net 30 days; 45 day delivery.

Don Politeo, (1) $72.10; (2) $67.90; (3) no bid; net 30 days; 50 day del.

Ohio Brass Co., (1) $71.90; (2) $65.70; (3) $172; net 30 days; 60 day del.

3/11/46 • • 42

BIDS OPENED

TURLOCK, Stanislaus Co., Calif.—Green & Berry, Turlock, at $825.09 submitted low bid to the City of Turlock, Walter M. Brown, city clerk, 108 N. Broadway, Turlock, for furnishing bowl unit, shafting and other materials for a city-owned pump.

Modesto Electric Supply Co., Modesto, at $1310.36 submitted only other bid.

Bids taken under advisement until March 19.

43— MACHINERY AND EQUIPMENT

3/11/46 •• 43

BIDS OPENED

PORTLAND, Ore.—Hydraulic Supply Manufacturing Co., 7500 8th St., Seattle, Wash., at $6870, submitted low bid to the Bonneville Administration, 1300 NE. Union St., Portland, under Inv. 3601 for furnishing oil-storage tanks, 10,000-gal. capacity, above ground, f.o.b. origin.

Other bids were:

Puget Sound Sheet Metal Works, Seattle, $6900.

Willamette Iron & Steel Corp., Portland, $7179.

Berkeley Steel Construction Co., Berkeley, Calif., $7770.

Pacific Coast Engineering Co., Alameda, Calif., $8100.

Independent Iron Co., Oakland, Calif., $8256.

McColloch & Sons, Portland, $8820.

California Steel Products Co., Richmond, Calif., $9082.

Columbia Steel Tank Co., Kansas City, Mo., $9240.

Official Proposal

LS-351—C I Pipe

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the East Bay Municipal Utility District, 512—16th St., Oakland, California, until 5:30 P. M., Wednesday, March 20, 1946, and will at that hour be opened, for furnishing 61,000 linear feet of cast iron pipe in diameters 10- to 20-inch.

Specifications (No. LS 351 may be obtained at Room 406 of the office of the District.

DANIEL READ,
Secretary.

Oakland, Calif.
March 7, 1946.

(Daily Pacific Builder)
(March 11,1946)

LS-352—Construction of Schapiro Pumping Plant

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the East Bay Municipal Utility District, 512—16th St., Room 205, Oakland, California, until 5:30 P. M., Wednesday, March 20, 1946, and will at that hour be opened, for performing the work of construction of the Schapiro Pumping Plant Building, including the furnishing of all labor and materials.

The general prevailing rate of per diem wages in the locality in which the work is to be performed, for laborers and each craft or type of workman and mechanic employed to execute the contract, and the general prevailing rate of legal holiday and overtime work specifically set forth in the plans and specifications on file with the Secretary of the District, are referred to and incorporated herein.

Specifications (No. LS 352) may be obtained at Room 406 of the office of the District.

DANIEL READ,
Secretary.

Oakland, Calif.
March 7, 1946.

(Daily Pacific Builder)
(March 11,1946)

Purchase of One Stage Control Board of the Modified Preset Type and Appurtences.

NOTICE TO BIDDERS

NOTICE IS HEREBY GIVEN that sealed bids will be received by the High School Board of the John Swett Union High School District of the County of Contra Costa, State of California, at the schoolhouse of said District until eight o'clock P.M. of Tuesday, the 19th day of March, 1946, and opened at said time and place for the purchase of one stage control board of the modified preset type, consisting of a composite pilot board and dimmer bank, a circuit breaker panel, a cross connecting panel and a magnetically operated contactor board. Entire board shall be designed for operation on 230/115 volt, 60 cycle alternating current.

Plans and specifications for this control are on file in the office of the Clerk of the High School Board of said District in the High School Building in Crockett, California.

All bids must be accompanied by a certified check on some solvent bank, or cash deposit equal to ten percent (10%) of the amount of the bid, conditioned that if the contract is awarded to the party submitting the accepted bid, he will enter into a contract and furnish such bonds as may be required by the Board within five (5) days after notice of such award, or failing to do so, the amount of such deposit or certified check to be forfeited as liquidated damages for such failure. All checks shall be payable to the order of the John Swett Union High School District.

The High School Board reserves the right to reject any and all bids, and to waive any formality in any bids received.

By order of the High School Board of the John Swett Union High School District of Contra Costa County, California.

Dated: Crockett, California, February ...., 1946.

J. F. MERCHANT,
Clerk of the High School Board
of the John Swett Union High
School, Contra Costa County,
California.

(Daily Pacific Builder)
(March 4-11, 1946)

Classified Advertising

POSITION WANTED

Experienced ARCHITECTURAL DRAFTSMAN wants part-time work. Exper. in making sketches, floorplans, working drawings, details, etc., for residential, commercial or industrial work. Reply Box 37, c/o Daily Pacific Builder. 3/7-8-11-12/46

HELP WANTED

Experienced SALESMAN for RESIDENTIAL MODERNIZING, capable of meeting public, planning jobs and supervising crews. Location East Bay. Call THornwall 0620, ask for Mr. Moran. to 3/12/46

EXP. SUPT. on INDUSTRIAL and COMMERCIAL CONSTR. Excellent opportunity for right man. Phone SUtter 3266. (to 3/18/46)

JANUARY BUILDING TOTALS

CALIFORNIA CITY	JAN., 1946 No.	JAN., 1946 Est. Cost	JAN., 1945 No.	JAN., 1945 Est. Cost
ALAMEDA	62	$ 155,591	82	$ [illegible]
ALBANY	43	362,136	18	[illegible]
ALHAMBRA	109	670,175	77	[illegible]
ANAHEIM	----	259,180	28	11,112
ATHERTON	27	286,300	—	—
BAKERSFIELD	----	837,489	34	[illegible]
BERKELEY	174	447,244	121	117,461
BEVERLY HILLS	----	1,126,710	45	[illegible]
BURBANK	----	1,741,839	—	[illegible]
BURLINGAME	25	269,600	18	[illegible]
CHICO	60	63,340	41	8,778
COLTON	64	126,284	29	[illegible]
COMPTON	119	1,213,900	78	[illegible]
CORONADO	36	63,830	—	—
CULVER CITY	----	398,028	38	[illegible]
EMERYVILLE	8	62,950	5	[illegible]
EUREKA	60	92,567	32	[illegible]
FRESNO	200	674,345	81	[illegible]
FULLERTON	----	164,835	21	[illegible]
GLENDALE	----	1,008,865	115	[illegible]
HAYWARD	19	151,275	14	[illegible]
HUNTINGTON PARK	58	244,778	25	[illegible]
INGLEWOOD	106	464,088	39	[illegible]
LODI	50	201,615	27	[illegible]
LONG BEACH	1473	5,290,870	1166	[illegible]
LOS ANGELES (City)	4400	17,760,141	2300	[illegible]
LOS ANGELES (County)	3040	8,610,080	1534	1,635,257
LOS GATOS	36	117,610	12	8,178
MARTINEZ	25	188,486	21	4,704
MODESTO	40	139,175	35	33,550
MONROVIA	----	344,175	----	154,080
MONTEBELLO	84	452,340	31	7,414
MONTEREY	22	82,720	21	42,455
NAPA	35	65,440	17	4,515
OAKLAND	749	2,705,016	553	313,514
OCEANSIDE	38	176,600	28	20,700
ONTARIO	101	211,890	54	43,502
ORANGE	29	49,087	26	14,511
OROVILLE	25	71,500	10	6,200
PALO ALTO	132	727,175	40	34,100
PASADENA	290	880,203	212	217,703
PIEDMONT	13	77,269	10	2,357
PITTSBURG	13	48,500	10	9,700
POMONA	144	308,842	69	66,058
REDDING	22	61,200	25	37,638
REDLANDS	----	173,607	43	36,458
REDWOOD CITY	87	490,475	14	2,808
RICHMOND	90	745,258	94	256,803
RIVERSIDE	218	659,582	98	33,793
SACRAMENTO	294	1,296,300	111	219,047
SALINAS	42	141,350	24	11,181
SAN BERNARDINO	302	663,471	199	66,637
SAN CARLOS	67	630,850	4	16,258
SAN DIEGO	931	1,836,379	588	439,412
SAN FRANCISCO	743	3,118,314	285	403,596
SAN GABRIEL	68	417,080	42	31,648
SAN JOSE	136	718,630	69	[illegible]
SAN LEANDRO	62	776,320	26	19,548
SAN MARINO	50	422,243	33	8,578
SAN MATEO	76	503,762	43	43,478
SAN MATEO (County)	274	1,617,980	117	84,908
SAN RAFAEL	34	79,952	17	42,818
SANTA ANA	261	858,367	106	91,418
SANTA BARBARA	82	209,171	63	[illegible]
SANTA CRUZ	99	398,046	54	14,858
SANTA MONICA	----	1,278,002	----	91,458
SANTA ROSA	56	132,475	26	16,835
SOUTH GATE	----	702,323	93	95,338
SO. PASADENA	58	654,253	26	11,598
STOCKTON	115	468,205	55	59,207
TORRANCE	62	205,425	32	130,765
VENTURA	58	129,700	36	30,419
VALLEJO	25	94,175	----	—
VERNON	49	575,504	26	184,447
WATSONVILLE	13	41,000	—	—
TOTAL	16283	$69,464,479	9464	$10,485,394
ARIZONA				
PHOENIX	212	$ 888,075	141	$ 305,248
TUCSON	85	339,782	78	128,539
TOTAL	297	$1,227,857	219	$ 433,779
IDAHO				
BOISE	63	$ 93,583	48	$ 31,203
LEWISTON	53	102,540	20	12,980
TOTAL	116	$ 196,123	68	$ 44,183
NEVADA				
RENO	134	$1,178,451	47	$ 53,021
OREGON				
ASTORIA	25	$ 32,875	18	$ 104,690
EUGENE	133	223,348	75	95,543
KLAMATH FALLS	29	69,826	18	54,745
PORTLAND	653	2,937,025	264	439,325
SALEM	----	----	—	—
TOTAL	840	$3,263,074	375	$ [illegible]
UTAH				
LOGAN	11	$ 37,960	6	$ 5,900
OGDEN	51	188,000	22	82,386
SALT LAKE CITY	172	842,718	53	53,417
TOTAL	234	$1,068,678	81	$ 141,702
WASHINGTON				
ABERDEEN	36	$ 59,625	20	$ 2,230
BELLINGHAM	----	----	—	—
SEATTLE	606	$2,492,595	343	956,520
SPOKANE	----	----	154	40,675
TACOMA	354	1,272,235	166	789,072
VANCOUVER	73	185,061	62	162,637
WALLA WALLA	71	203,430	25	140,906
WENATCHEE	----	----	15	18,115
YAKIMA	106	292,745	44	36,266
TOTAL	1246	$4,505,691	829	$ 2,146,419
GRAND TOTAL	19150	$80,904,443	11083	$13,998,[illegible]

8

CALIFORNIA
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LARGEST CONSTRUCTION DAILY IN THE WEST

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Fifty-sixth Year—Vol. 56—No. 49
SAN FRANCISCO, TUESDAY, MARCH 12, 1946
PRICE 15 CENTS PER COPY

PLANS and Speculations

San Francisco: The old Ford Motor Company factory at 21st and Harrison streets, is under consideration by the school department as a site for a vocational educational school. The five-story structure can be purchased for $500,000, it is estimated.

oOo

Napa: A revenue bond issue was proposed here last week to insure financing of a pipeline from Conn Dam to bring needed water to this city.

oOo

San Mateo: City officials have approved erection of a new radio transmitting tower north of the sewage disposal plant and between Seal creek and the Emma Rose estate and Third avenue extension. The plot includes about 11 acres.

oOo

Weaverville: Trinity county supervisors have asked the federal government to prepare plans for a proposed sewage disposal plant for this community, a joint meeting of chamber of commerce officials and supervisors disclosed. Weaverville chamber of commerce also voted to proceed with plans for incorporation of this community into a city. Horton Whipple, employed by the county as a consulting engineer on the sewage project, told officials it will cost about $60,000. Planning commission is headed by Kelso Young.

oOo

Porterville: The Taxpayers League of this city has urged the Board of Supervisors to build a new county home for the aged. Chairman T. A. Alexander presided at the stormy session, at which a new location for a county courthouse was also considered.

oOo

San Rafael: This city will soon have the distinction of having the only airport within the city limits of any western city when the new airport, planned by E. F. Lassalle and E. F. Ferrua is completed, just a few minutes walking distance from the downtown shopping area. Plans are being rushed for a landing strip and hangars to provide services for commercial planes and private pilots, and to facilitate establishment of a pilot training school.

oOo

Longview, Tex.: Ex-servicemen students at Le Tourneau Technical Institute here are building giant "house laying" machines which are capable of building a house in about 24 hours. The machine backs up over a prepared framework and pour concrete into the forms. When it is removed, a two-bedroom home is left standing.

oOo

No Burned-Out Fuses To Change In New Postwar House

LOS ANGELES.—The lifeline of electricity—wiring—has been among the foremost considerations in the new Postwar House just opened for inspection here by Research Division of Fritz B. Burns Housing Projects. As a result, plenty of electricity to meet all present and anticipated future needs is available at all points in the house.

Located in the garage is a Westinghouse main circuit-breaker panelboard, including "Deion" type circuit breakers, into which come 200 amperes of electricity for distribution and use where and as needed. This main panelboard feeds electric power to two Westinghouse "Quicklag" circuit breaker panels in the house, located conveniently in a hall and in the kitchen.

The two panelboards in the house control electrical circuits for lighting, convenience outlets and special purpose outlets such as those for the numerous electrical appliances.

None of the panelboards contains any fuses. All include circuit breakers which, in the event of a short circuit or momentary electrical overload, simply stop the flow of current by automatically flicking a small switch-like contrivance—one to each circuit. To resume the flow of current in any given circuit, the homemaker need only to flick the switch back to the normal position, rather than to seek out and replace a burned-out fuse.

The house includes 70 lighting outlets, 119 convenience outlets, and numerous other special purpose outlets serving myriad electrical appliances. Individual room lights are controlled through pushbuttons and electrical relays. Thru a master pushbutton control in the master bedroom, all lights inside and outside the house may be turned on simultaneously when and if needed. Wardrobes and closets are illuminated by fluorescent lamps controlled by door switches.

Improvement In Production Of Major Construction Materials Is Expected

Improvement in production of major construction materials is expected, following the general downward trend at the close of 1945, according to the February "Report on Construction and Construction Materials", prepared by the Construction Division, Department of Commerce.

Construction costs and prices of construction materials continued to rise in December, with prices of materials reaching their highest level in 25 years, the Report states.

Pointing out that December production declines were in general in line with normal seasonal trends, due in part to the Christmas holidays, the Report summarized the supply situation for construction materials and components at the beginning of 1946. Data for key materials follows:

STEEL: January production was curtailed by the strike and is expected to show only about 60 per cent of capacity as compared with 75 per cent in December and 79 per cent in November.

Sheet and strip are the tightest of all steel shapes and are expected to continue in short supply through the first half of 1946.

LUMBER: December production declined to the lowest monthly level in ten years. Excess of demand over supply continues to keep both mill and distributors stocks at an all-time low.

Millwork: Unfilled orders far exceed production which is hampered by shortages of manpower and materials.

Softwood plywood: Continues in short supply chiefly because of log shortages.

Hardwood flooring: Production retarded by shortages of dry lumber and lack of experienced labor. Unfilled orders in producers' hands equal to 6 to 10 months output at the present rate.

CLAY PRODUCTS: All clay products except hollow facing tile showed production losses in December, in contrast with sharp gains in the two previous months. For most clay products, demand continues heavy.

Brick (common and face: Demand represents about 3½ months production at the present rate. Total 1945 shipments of 2.4 billion brick represented an 18 per cent increase over 1944 shipments. Stocks at the close of 1945 were at an all-time low and were only 15 per cent of normal.

Structural clay tile: 1945 production was 3 per cent greater than that of 1944 but was well below the levels reached in 1941-43. Stocks have declined progressively since 1941 to a low of 12 per cent of normal.

Clay sewer pipe: Production and shipments declined in December, following the pattern for most other clay products. Stocks at the end of 1945 were 60 per cent lower than at the end of 1944 and 97 per centt lower than at the end of 1943 and 1942.

PORTLAND CEMENT: December 1945 production was about 32 per cent greater than that for December 1944, and output in 1946 is expected to amount to from 140 to 145 million barrels. December 1945 production exceeded shipments, resulting in a substantial increase in stocks.

ASPHALT ROOFING, Siding, Felts: Backlog of unfilled orders continues large, amounting to from 9 to12 weeks' production. Heaviest demand is for saturated felts. December shipments of prepared roofing were the lowest in the past four years.

GYPSUM BOARD AND LATH: Gypsum board shipments in December were 18 million squares less than those of November, due to the holidays and production loss in two strike-bound Pacific Coast plants. Shipments for the year 1945 were practically the same as for 1944 (2.1 billion square feet). Supply of gypsum lath improved considerably in the fourth quarter of the year.

CAST IRON SOIL PIPE: January production is expected to rise sharply to approximately 26,500 tons from an estimated December output of 21,971 tons. Demand represents 12 months' production at the current rate. Output is affected by shortages of pig iron which is becoming more acute.

CONCRETE BUILDING Blocks: Unfilled orders amount to more than double the current production rate. Inventories at the end of 1945 were only 50 per cent of normal. If sufficient manpower is available, 1946 requirements can be met.

METAL BUILDING Products: Volume of production is contingent upon available steel inventories.

Metal insect screen cloth: Expected to continue in short supply through 1946.

Steel windows: No windows in stock. Production is limited to inventories of basic shapes.

Nails: In very short supply, with no improvements expected until the second quarter of 1946.

PLUMBING AND HEATING:

Bath tubs: Production of over 125,000 cast iron tubs in the first quarter 1946 is considered feasible. Production of steel tubs in the first quarter is dependent on the availability of sheet steel; facilities are adequate to produce more than 10,000 steel tubs.

Cast iron sinks and lavatories: Production is low but progressive improvement is expected in the first quarter of 1946.

Water heaters: Shortages of sheet steel and castings are retarding production.

Cast iron radiation: Production is improving but is not expected to show sharp pains in the first half of 1946. January production is estimated to be two million square feet.

GROOVER AND I

EARTHQUAKES

The Hollywood movie colony experienced an earthquake when the 1945 Oscar was unexpectedly awarded to Joan Crawford, a San Antonio gal, who has been turning in a solid job of good acting over a period of years.

* * *

Another earthquake was experienced at Santa Anita when War Knight crossed up the smart money boys, winning the handicap and paying $15.30 for a deuce ticket, while the owner netted $101,220.

* * *

Another earthquake occurred in Washington, D. C., when by invitation, ex-President Herbert Hoover called on President Truman. This was the second time Mr. Hoover has visited the White House since he lived there for free. Once previously, President Truman invited Mr. Hoover to call.

* * *

The earth tremor was not caused by the visit, but by the fact that Mr. Hoover, for the first time in memory, on a state occasion, wore a soft turned-down collar!

* * *

It is reassuring to know that President Truman has not hesitated to cut across party-line predjudices in obtaining the best possible counsel and aid in the important job of feeding the starving people of wrecked nations.

* * *

If experience counts, Mr. Hoover knows more about feeding destitute people by the nationsfull than any any other living man.

Cyclops Iron Works Awarded Contract For 230-Ton Keswick Power Plant Crane

An equipment contract for $100,280 to manufacture a 230-ton traveling overhead crane for the Keswick power plant of the Central Valley Reclamation Project has been authorized for award to the Cyclops Iron Works of San Francisco, Commissioner of Reclamation Michael W. Straus informed Regional Director Richard L. Boke at Sacramento today.

Commissioner Straus said the double-trolley, motor-operated crane will be used for installation, and later for maintenance work, on turbines and generators in the Keswick Dam power plant, located nine miles below Shasta Dam power plant on the Sacramento River.

Three 25,000-kilowatt generators, turbines, and governors are now being manufactured for the Keswick plant by General Electric Co., Schenectady, N. Y., S. Morgan Smith Co., York, Pa., and Woodward Governor Co. of Rockford, Ill., respectively. The Bureau of Reclamation has scheduled these power units at Keswick and the remaining three 75,000 kilowatt generators at Shasta Dam for operation in 1947. The first two of the Shasta generators began operation in 1944 to supply power for war needs.

A transmission grid for the Central Valley Project has been designed by Reclamation engineers to distribute the total hydroelectric energy capacity of both Shasta and Keswick plants so that large blocks of depenadble power can be furnished for pumping irrigation water and for supplying public and private agencies.

Commissioner Straus said that award of a contract for construction of the 56-mile Oroville-Sacramento section of a 230-kilovolt transmission line from Oroville to Tracy will be announced soon. The 230-kilovolt Shasta-to-Oroville line, first unit of the power grid, was constructed before wartime regulations halted the program.

With a capacity of 450,000 kilowatts, Central Valley transmission lines will eventuraaly furnish a three-way distribution of Shasta and Keswick power to the multimillion acre Central Valley development, Straus said. Approximately the first third of the power capacity will be used to operate the large project pumps near Tracy, lifting Sacramento river water some 200 feet into the 120-mile Delta-Mendota Canal, which will supply much-needed irrigation water to the San Joaquin Valley.

Refrigerant Gases Topic of A.S.R.E. March Meeting

The March meeting of the American Society of Refrigerating Engineers will be held Friday at 6 p.m. in the Engineers' Club, 206 Sansome street. Featured speaker of the evening will be Guy R. King, society member, who will talk on "The Freons".

Mr. King is associated with the Ralph E. Manns company of San Francisco and Wilmington, Calif., and will differentiate between the various freons, comparing them with ammonia.

A past president of San Francisco chapter of the N.A.P.R.E., King has given courses on refrigerants and other refrigeration subjects in connection with educational courses of the chapter. He has five years experience teaching in technical schools and has been affiliated with refrigeration work since 1931. Some of his most recent articles have been published in the trade magazine, Ice and Refrigeration.

Following King's talk, a discussion period will be led by Lester L. Westling, chairman of the technical committee. John F. Kooistra is program chairman. Reservations should be telephoned to EXbrook 4404.

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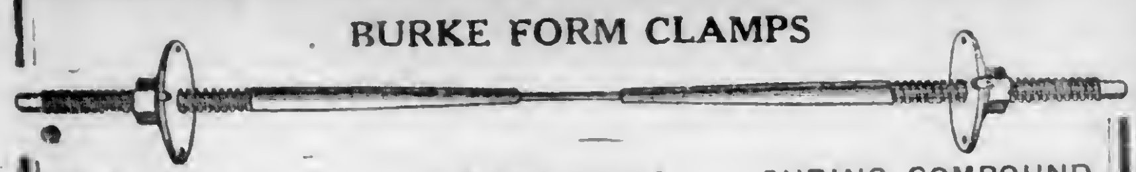

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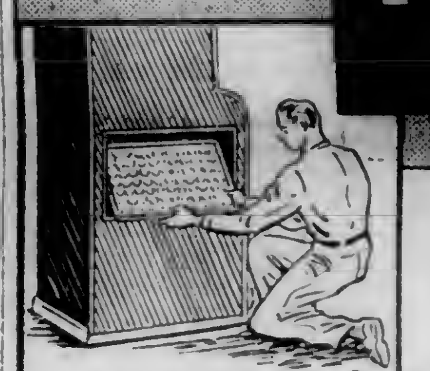

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DAILY PACIFIC BUILDER
(Established 1890)
Issued Every Morning, Except Saturday, Sunday and Legal Holidays

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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1-8—COMMERCIAL BLDGS.

3/12/46 * 8
COMPLETING PRELIMINARY PLANS
RETAIL STORE & WAREHOUSE
SANTA ROSA, Sonoma County, Calif. 7th St. tract, between A and B Sts.
Razing of two buildings on site of the proposed construction of one-story T-shaped building (75,000 sq. ft floor area), basement and mezzanine; parking area west of main store, 55,000 sq. ft.
Owner—Sears, Roebuck & Co., 2650 E. Olympic Blvd., Los Angeles.
Architect—C. A .Caulkins, 1107 St. Helena, Santa Rosa.
Wrecking Contractor—W. R. Lippincott, 5458 Sonoma Highway, Santa Rosa.

3/12/46 ** 8
PLANS BEING FIGURED—NO BID OPENING DATE SET
SHOP BUILDING Est. Cost, $12,000
SAN JOSE, Santa Clara Co., Calif. 244 W .Santa Clara St.
Construction of one-story shop building, steel frame, brake walls.
Owner—Smith Bros., c/o architect.
Architects—Kress & Gibson, 515 First National Bank Bldg., San Jose.
Plans are being figured by a selected group of contractors.

3/12/46 ** 8
WORK UNDER WAY
RETAIL STORE Est. Cost, $25,000
SAN JOSE, Santa Clara Co, Calif. S. Second St.
Construction of one-story reinforced concrete Firestone agency building (40x100), steel beams, cement floor, plate glass front.
Owner—F. L. Hubbard, c/o architect.
Architects—Kress & Gibson, 515 First National Bank Bldg., San Jose.
Contractor—McDonald, Young & Nelson, 127 Montgomery St., San Francisco.

3/12/46 ** 3
BIDS WANTED
TERMINAL ISLAND, Los Angeles Co, Calif.—Until March 15, 11 A. M., new bids will be received by the U. S. Navy, Public Works Office, U. S. Naval Base, Terminal Island (San Pedro), for the construction of a one-story steel frame pipe and bar storage shed at the U. S. Naval Shipyard, Terminal Island; Specification No. 17294, NOy 13120.

Plans and specifications may be obtained from the Public Works Office, U. S. Naval Base, Terminal Island, San Pedro, upon deposit of check or postal money order for $10, payable to the Chief of Bureau of Yards and Docks.

All bids received January 11 have been rejected by the Bureau of Yards and Docks, since it considered that timber roof construction cannot be justified in view of certain restrictions. The new bid will be on the basis of revised drawings and specificatins to cover an alternate design incorporating steel roof construction.

As previously reported, Fred D. Kyle submitted the previous low bid at $36,663.

3/12/46 ** 4
LOW BIDDER
OFFICE BUILDING
SAN RAFAEL, Marin County, Calif. Southwest corner 2nd and D Sts.
Construction of one-story reinforced concrete office building.
Lessee—Pacific Telephone & Telegraph Co., 140 New Montgomery St., San Francisco.
Architects—S. Heiman & Ralph Pollock, 605 Market St., San Francisco.
Low Bidder—De Luca & Son, 1745 Filbert St., San Frnacisco.

3/12/46 ** 4
PLANS BEING FIGURED—BIDS OPEN MARCH 19
OFFICE BLDG. Est. Cost, $20,000
SAN FRANCISCO. McLea Court, off Ninth and Harrison Sts.
Construction of two-story frame office building.
Owner—Withheld.
Architects—Hertzka & Knowles, 85 Post St., San Francisco.
Plans are being figured by a selected list of contractors.

3/12/46 * * 8
SUB-BIDS WANTED
SAN MATEO COUNTY, Calif.—Wm. Horstmeyer Co., 23 Mars St., San Francisco, is figuring plans and desires sub-bids by March 15 on the Millbrae Furniture store at Millbrae and a laundry building at South San Francisco, and by March 19 on a supermarket at San Carlos.

3;12;46 * * 3
CONTRACT AWARDED
WAREHOUSE
SANTA ROSA, Sonoma Co., Calif.
Construction of warehouse.
Owner—Levy-Zentnér, Santa Rosa.
Architects—Hyman, Appleton & Wolfard, 68 Post St., San Francisco.
Contractor—Wm. D. Rapp, 705 Bennett Ave., Santa Rosa.
Contract awarded on cost - plus contract.

3/12/46 ** 4-6
PROSPECTIVE BIDDERS
MEDICAL-DENTAL BUILDING
SAN FRANCISCO. Geary St. and 14th Ave.
Construction of two-story frame and terra cotta building to contain stores on first floor and offices on second floor.
Owner—John Coakley, c/o architect.
Architect—Leonard S. Mosias, 255 California St., San Francisco.
Bids will be opened in the office of the architect.
As previously reported, bids will be opened March 14, 5 P. M
The following contractors are figuring plans:
A. J. Hopper Co., 243 Langton St., San Francisco.
De Luca & Son, 1745 Filbert St., San Francisco
Erbentraut & Summers, 446 6th St., San Francisco.
M. J. King, Inc., 231 Franklin St., San Francisco.

9-10—EDUCATIONAL BUILDINGS

3/12/46 * 10
BIDS WANTED
LUBBOCK, Texas.—Until March 30, 10 A M., bids will be received by Architect Wyatt C. Hedrick, 1005 First National Bank Bldg., Ft. Worth, Texas, for the construction of one double unit girls' dormitory and one double unit men's dormitory at the Texas Technology College, Lubbock, Texas, for the college. Dr. Wm. M. Whyburn, president; estimated cost, $3,000,000.

3/12/46 * 9
PREPARING PRELIMINARY PLANS
HIGH SCHOOL ADDITIONS Cost, $476,000
PETALUMA, Sonoma County, Calif. Petaluma High School
Construction of new gymnasium, a swimming pool, new manual training and automobile repair building at the high school.
Owner—Petaluma Board of Education, superintendent of schools, Fair St, Petaluma.
Architect — Robert Stanton, Pebble Beach.
Structural Engineer—Mac D. Perkins, 110 Sutter St., San Francisco.
Electrical Engineer — G. M. Simonson, 625 Market St., San Francisco.
As previously reported, the school district voted bond in the amount of $550,000 to finance the above construction.

3/12/46 9
COMPLETING PLANS
NEWHALL, Los Angeles Co., Calif. —H. L. Gogerty Organization, architects and engineers, 3123 W. 8th St., Los Angeles, is completing plans for the construction of a new high school plant at Newhall for the William S. Hart Union High School District. The work will include an administration unit, library, 27 classrooms, cafeteria and shop unit; cost, $550,000.

3/12/46 ** 9
BONDS DEFEATED
SCHOOL ADDITION Cost, $72,000
WOODLAKE, Tulare County, Calif. Woodlake Elementary School.
Construct additional classrooms.
Owner—Woodlake Union Elementary School District, F. J. White, superintendent, Woodlake.
Architect—Not announced.
The district defeated a proposal to issue bonds February 21 in amount of $72,000 to finance the above construction.
Another bond election will be held soon.

3/12/46 9
BONDS VOTED
HAWTHORNE, Los Angeles Co., Calif.—Voters of the Wiseburn School District, Hawthorne, approved a proposal to issue bonds March 5 in the amount of $200,000 for construction of additions to the Anza Elementary School, and remodeling of the Wiseburn Elementary School. Marsh, Smith & Powell, Architects' Bldg., 816 W. 5th St., Los Angeles, are architects for the district.

3/12/46 ** 9
BOND ELECTION PLANNED
SCHOOL BUILDING Cost, $199,628
ALTO, Marin County, Calif.
Construct new school building containing eight classrooms, assembly room, administration office and teachers' room, and pave recreation area, etc.
Owner—Mill Valley School District, Mill Valley.
Architect—Not given.
The district will vote next month on a proposal to issue bonds in the amount of $225,000 to finance above construction and various projected improvements at other schools in the district.

11—HOSPITALS

3/12/46 * 11
CONTRACT AWARDED
HONOLULU, T. H—Carroll Duncan & Co., 3044 Riverside Dr., Los Angeles, at approximately $1,000,000, awarded a contract by the U. S. Engineering Department for furnishing labor and materials for plastering the new Tripler General Hospital now under construction at Honolulu, T. H., for the U. S. Army. Ceco Steel Products Co., 1450 Mirasol St., Los Angeles, has been awarded a subcontract for furnishing corner bead and metal lath. Bids are still open for channel iron. Work on this portion of the contract is scheduled to start about May or June, and Vincent Boland will be the project manager for Carroll Duncan & Co.

3;12;46 11
CONTRACT AWARDED
MEDICAL-DENTAL BLDG.
SACRAMENTO, Sacramento Co., Cal., Addition to Medical-Dental Bldg.
Owner—Withheld.
Architects—Hyman, Appleton & Wolfard, 68 Post St., San Francisco.
Contractor—Harry J. Oser, 1119 Hobart Bldg., San Francisco.
Contract awarded on cost - plus contract. .

12-13—INDUSTRIAL BUILDINGS

3/12/46 * 12
BIDS WANTED—TO CLOSE MARCH 18, 10 A. M.
CHEESE PLANT
COQUILLE, Ore.
Construction of one-story and part basement cheese plant (184x126 ft.), brick tile and glass block face, concrete block floors, etc.
Owner—Swift & Co., North Portland, c/o D. W. Hoffman, purchasing agent.
Plans by engineering department of owner.

3/12/46 12
PLANNED
ONTARIO, San Bernardino Co., Calif.—Bestlle Manufacturing Co., 419 S. Sultana Ave., Ontario, has applied to the City of Ontario for the purchase of a 17-acre city-owned tract on Bon View Ave. as a site for a new factory building, 120x600 feet in area, for selves. Plans are also being made to erect a concrete block factory building, 40x400 feet in area, at a cost of $100,000 for the manufacture of steel tile at the Sultana Ave. property Harry and Maurice Grossman are the owners of the company.

3/12/46 12
PREPARING PLANS
CORONA, Riverside Co., Calif.—Holmes & Narver, engineers, 626 S. Spring St., Los Angeles, are preparing plans for a two-story and mezzanine steel frame fruit juice extraction house to be built on Joy St., Corona, for the Exchange Lemon Products Co.; 83x105 feet in area.

3/12/46 ** 13
BIDS WANTED
CENTRAL VALLEY PROJECT, California.—Until April 3, 10 A. M., bids will be received by the Bureau of Reclamation, Redding, Calif., for the installation of two main generators in Shasta power plant, Kennett Division, Central Valley Project, California; Spec. 1226. The power plant is situated at Shasta Dam, near Redding, Calif. The work consists of installing and testing two 75,000-kv-a., unity power factor, 13,800-volt, 3-phase, 60-cycle, 138½ r.p.m., vertical-shaft, alternating current generators; 285 calendar days for completion.

Guarantee of 10% to accompany bids; no charge to prospective bidders for copies of the specifications; to others, $.75 per copy, not returnable, from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo.; R. L. Boke, regional director, Old Post Office Bldg., 7th and K Sts., Sacramento 14, Calif.; I. C. Harris, acting construction engineer, Redding, Calif., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington, D. C. Prospective bidders desiring to visit the site of the work should communicate with the acting construction engineer.

3/12/46 ** 12
PROJECT IN ABEYANCE
FOOD STORAGE WAREHOUSE Cost, $500,000
WOODLAND, Yolo County, Calif.
Construction of one-story reinforced concrete food storage warehouse (80x460 ft.).
Owner—Frostorage, 1300 Webster St., Oakland
Architect—Frederick H. Reimers, 233 Post St., San Francisco.
Award of negotiated contract being held in abeyance pending estimates of cost.

3/12/46 ** 42
BIDS WANTED
TUCUMCARI, N. M.—Until March 26, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver, Colo., under Spec. A-32,990-A for precast reinforced cnocrete culvert pipe, f.o.b. shipping point and/or Tucumcari, N. M., Tucumcari Project, New Mexico.
Specifications obtainable from the above office.

3/12/46 12
STARTING WORK
ONTARIO, Ore.—Sound Construction & Engineering Co., 1403 W. 45th St., Seattle, Wash., awarded the contract and is starting work on the construction of a two-story reinforced concrete freezing plant at Ontario, Ore., for the Bridgeford Co., 808 Imperial Ave., San Diego; 150x600 ft. in area; estimated cost, $1,000,000. Plans were prepared by Architect Lyle P. Bartholomew, 129 N. Commercial St., Salem, Ore.

3/12/46 12
PLANNED
PASADENA, Los Angeles Co., Calif.—C. L. Peck, 354 S. Spring St., Los Angeles, will build a three-story reinforced concrete industrial and shop building at 820 Mission Dr., South Pasadena, for National Technical Laboratories, same address; 80x103 ft. in area. Plans are being prepared by Architects Taylor & Taylor, 803 W. 3rd St., Los Angeles; John G. Case, structural engineer, 811 W. 3rd St., Los Angeles. Kimball Elevator Co., Ltd., 711 E. 29th St., Los Angeles, has been awarded the subcontract for the elevator, and Soule Steel Co., 6200 Wilmington Ave., Los Angeles, will furnish the steel.

3/12/46 ** 12
PLANNED
ABBATOIR Cost, $150,000
PERKINS, Sacramento Co., Calif. Middle Jackson Rd.
Construction of slaughter house, food processing and freezing plant.
Owner — Frederick G. Haase, Elk Grove.
Architect—Not given.

3/12;46 * * 12
TO START CONSTRUCTION
FACTORY Cost, $80,000
OAKLAND, Alameda Co., Calif. 916 98th Avenue.
Construction of one-story brick factory building.
Owner—Barr Foods, Inc., 916 98th Ave., Oakland.
Engineer — George Washington, 417 Market St., San Francisco.
Contractor—Larsen & Larsen, 629 Bryant St., San Francisco.

3/12/46 ** 12
PLANS BEING FIGURED—BIDS OPEN MARCH 22, 11 A. M.
FACTORY BUILDING
SOUTH SAN FRANCISCO. San Mateo County, Calif.
Construction of reinforced concrete factory building and offices.
Owner—N. Rothman, c/o engineer.
Engineer—Myron C. Gould Associates, 701 Sansome St., San Francisco.
Plans are being figured by the following contractors:
Henry Brown Construction Co., 1387 E. 32nd St., Oakland.
Empire Construction Co., 344 Harriet St., San Francisco.
MacDonald, Young & Nelson, 121 Montgomery St., San Francisco.
Daley Bros., 426 Bryant St., San Francisco.
Transwestern Cnostruction, Rialto Bldg., San Francisco.
Radimann-Guisto, 40 Ringold St., San Francisco.
Erbentraut & Summers, 446 6th St., San Francisco.
Russell A. Cullen, 478 Jackson St., San Francisco.
Peter Kiewit Construction Co., 442 Post St., San Francisco.
A. Farnell Blair, 9 Main St., San Francisco.
M. J. King, Inc., 231 Franklin St., San Francisco.

3/12/46 ** 12
CONTRACT AWARDED
NEW PLANT
SAN FRANCISCO. 17th and Missouri Streets.
Construction of one-story steel frame plant (60x100 ft.).
Owner—Heil Equipment Co., 963 Harrison St.
Structural Engineer—George Washington, 417 Market St.
Contractor — Larsen & Larsen, 629 Bryant St., San Francisco.

14-17—PUBLIC BLDGS.

3/12/46 ** 15
BID OPENED
ALTER COURTHOUSE
SAN RAFAEL, Marin County, Calif.
Construction of the following work at the courthouse:
(1) waterproofing of the portico column bases, seams in slab and brick work under steps;
(2) refinishing cell under west end of portico;
(3) refinishing men's toilet under east end of portico;
(4) adjustments to heating system and the installation of a ventilating system in Identification office
Owner—Marin County Board of Supervisors, George S. Jones, county clerk, Courthouse, San Rafael.
Engineer—Carl W. Zollner, Ross.
Only Bidder—Martinelli Construction Co., 44 Mary St., San Francisco, $3100.
Bid held under advisement.

18-19—RELIGIOUS BLDGS. BUILDINGS

3/12/46 19
CONTRACT AWARDED
EL MONTE, Los Angeles Co., Calif. —Steed Bros., P. O. Box 350, Alhambra, awarded contract for the construction of a new church plant on a two-acre site on N. Tyler Ave., between Montecito and Bryant Sts., El Monte, for the First Methodist Church, Rev. Chester Lewis, pastor. Plans for the new plant call for a sanctuary with seating capacity of

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Escalator and Elevator Additions, Lincoln Bldg., 867 Market Street, San Francisco; Bids open March 12, 3:00 P. M.
Dinwiddie Constr. Co., 210 Crocker Bldg., San Francisco (EXbrook 5616)
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
H. H. Larsen Co., 64 South Park, San Francisco (EXbrook 3190)

Superstructure for Ordnance Shop, San Francisco Naval Shipyard; NOy 12968; Spec. 17182; Bids open March 18, 11:00 A. M.
Jas. I. Barnes Constr. Co., 341 Russ Bldg., S. F. (EXbrook 6905 or 7054)
E. S. McKittrick Co., 610—16th St., Oakland (TWin Oaks 5070).
M & K Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
A. Farnell Blair Co., Inc., 9 Main St., San Francisco (YUkon 0390).
Moore & Roberts, 693 Mission St. San Francisco (GArfield 8579).
Peter Kiewit Sons' Co., 442 Post St., San Francisco (EXbrook 5736).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)

Alter Yolo Theatre, Woodland; Bids open March 13, 2:00 P. M.
Mariposa Constr. Co., 196 Mississippi St., S. F. (UNderhill 0375)
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).
Alfred J. Hopper Co., 243 Langton St., San Francisco (MArket 7070)

Bank Building, East Salinas; Bids open March 12.
Howes & Whitaker, 626 Russ Bldg., San Francisco (GArfield 5729)

Drug Storage Bldg., 4th and Clementina Streets, San Francisco; Bids open March 15, 10:00 A. M.
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616).
E. S. McKittrick Co., Inc., 610—16th Street, Oakland (TWinoaks 5070).
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
DeLuca & Son, 1745 Filbert St., San Francisco (ORdway 3600).
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624).

Remodel Ford Agency, Market St. and Duboce Ave., San Francisco; Bids open March 15, 2:00 P. M.
Jacks & Irvine, 620 Market St., San Francisco (GArfield 2106).
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-[illegible]).

Improve Facilities, South San Francisco, E. I. du Pont plant; Bids open March 18, 4:00 P. M. (EST).
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).

Medical-Dental Building, Geary Blvd. and 14th Ave., San Francisco; Bids close March 14, 5:00 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket [illegible]).
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8208).
DeLuca & Son, 1745 Filbert St., San Francisco (ORdway 3600).

Firehouse Addition, San Francisco Naval Shipyard; NOy 13034; Bids close March 20, 11:00 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
A. Farnell Blair Co., Inc., 9 Main St., San Francisco (YUkon 0390)

Two Pumping Plants, Gordon Valley Pipeline; Bids open Mar. 12, 9 A.M.
J. A. Bryant, 1815 Capital Street, Vallejo.

School Buildings, Pittsburg; Bids close March 18, 8:00 P. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8208).

Separation Struct., Bayshore Freeway, San Jose; Bids close Mar. 13, 2 PM
Carl N. Swenson Co., 355 Stockton Ave., San Jose (Ballard 2602).

Theater Bldg., Fairfax, Marin County; Bids open March 15, 2 P. M.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).

Maintenance Bldg., Marin Jr. College, Kentfield; Bids open Mar. 14, 8 PM
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).

ALTER and Clean Bldg., 501-7 Howard St., S. F.; Bids open Mar. 20, 10 AM
Mariposa Constr. Co., 1106 Mariposa St., San Francisco (UNderhill 0375)
C. L. Wold Constr. Co., 4412 Fulton St., San Francisco (SKyline 4362)

Esberg Residence, 16th Ave. and Presidio, S. F.; Bids open Mar. 11, Noon.
G. P. W. Jensen & Sons. Inc., 320 Market St., S. F. (GArfield 2444).
R. A. Cullen, 478 Jackson Street, San Francisco (SUtter 1951).
Elvin C. Stendell, 2278 Market St., San Francisco (HEmlock 5352).

N. Rothman Factory, South S. F.; Bids open March 22, 11 A. M.
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).

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FOR RENT

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AMPLE STOCKS FOR SPEEDY DELIVERY—
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BIDS WANTED
On building of 200 SINGLE FAMILY FRAME HOUSES, standard construction, located in SAN JOAQUIN VALLEY. Plans and Specifications available upon request to:
MR. BELL
310 MASON BUILDING FRESNO, CALIF.

BIDS WANTED
On building of 48 SINGLE FAMILY HOMES, STANDARD CONSTRUCTION, located in MADERA. Plans and Specifications available upon request to:
MR. BELL
310 MASON BUILDING FRESNO, CALIF.

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ADVANCE CONSTRUCTION REPORTS

400, a church school with capacity for 600, and a large social hall, to be used for roller skating, games, etc.; total estimated cost, $165,000. Plans were prepared by Reginald Inwood, 125 E. Sunset Blvd., Los Angeles.

20-21—SOCIAL AND RECREATIONAL BLDGS.

3/12/46 ** 20
PREPARINUG WORKING DRAWINGS
RECREATION BLDG. Cost, $150,000
OAKLAND, Alameda County, Calif. Piedmont Ave. between MacArthur Blvd. and Yosemite Ave.
Construction of two-story and mezzanine steel frame, concrete exterior recreation center building, including 20 bowling alleys, billiard rooms, restaurant facilities, offices and restrooms, and basement garage for 80 cars; Brunswick-Balke-Collender interior furnishings.
Owner—Dr. Frank B. Tower, 3783 Piedmont Ave., Oakland.
Architect—Frederick H. Reimers, 233 Post St., San Francisco.

3/12/46 * * 40
BIDS OPENED
BERKELEY, Alameda Co., Calif.—J. Henry Harris, 2657 9th St., Berkeley, at $41,203 submitted low bid to the Regents of the University of California, Administration Bldg., Berkeley, for construction of a new road between Piedmont Ave. and La Loma Ave. and Hearst St. across the Berkeley campus of the U. of C.

Other bids were:
Lee J. Immel, Berkeley, $42,440.
J. R. Armstrong, El Cerrito, $44,607.
Ransome Co., Emeryville, $57,275.
Bids held under advisement.

22-26—RESIDENTIAL BUILDINGS

3/12/46 * 26
PLANNED
HOMES Approx. Cost, $335,000
SANTA CLARA, Santa Clara County, Calif. Homestead Rd. west of Gould.
Construction of 45 frame and stucco houses for veterans (5 and 6 rooms each).
Owner and Builder—P. J. Pasetta, 2390 Park Ave., Santa Clara.
Plans by L. F. Richards.
Work will start shortly. Sidewalk, curb and gutter installation will start at once.

3/12/46 ** 23
BIDS IN—HELD UNDER ADVISEMENT
ALTER APARTMENT HOUSE
SAN FRANCISCO. 601 O'Farrell St. Alterations to apartment house, involving new restaurant, cocktail lounge, exterior and interior alterations.
Owner—P. Tremain Loud, c/o architect.
Architects—Ward & Bolles, 369 Pine.

3/12/46 ** 24
CONTRACT AWARDED
RESIDENCE Approx. Cost, $14,000
SAN ANSELMO, Marin County, Calif.
Construction of one-story single-family dwelling, stone veneer and wood shingles, tar and gravel roof, tile baths and kitchen, etc.
Owner—Donald B. Duncan.
Architect—Frederick H. Reimers, 233 Post St., San Francisco.
Contractor—A .Von Rotz, 40 Greenfield Ave., San Anselmo.

3/12/46 ** 24
CONTRACT AWARDED
RESIDENCE Cost, $10,000
PIEDMONT, Alameda County, Calif. Hazel Lane.
Construction of one-story single-family dwelling (5 rooms), tar and gravel and shingle roof, wooden exterior, steel sash, tile bath and kitchen, panel heating and warm air heating.
Owner—Frederick, H. Reimers, 233 Post St., San Francisco.
Architect—Frederick H. Reimers, 233 Post St., San Francisco.
Contractor—G. W. Williams Co., 10 California Dr., Burlingame.

3/12/46 25
PLANNED
LOS ANGELES, Calif.—Gorelnik Co., 1220 S. La Brea Ave., Los Angeles, will build 35 six-room frame and stucco dwellings in the Venice district for self; 30x36 ft. in area; cost, $171,450.

3/12/46 ** 26
CONTRACT AWARDED
SACRAMENTO, Calif.—M. & K. Corp., 200 Financial Center Bldg., San Francisco, at $347,280, awarded contract by the Federal Public Housing Authority, Phelan Bldg., San Francisco, for moving 186 family dwelling units from Vallejo, Solano County, and from Richmond, Contra Costa County, to Sacramento and reassembling and erecting them on a two-block long and one-block wide site bounded by Broadway and X St., 6th and 8th Sts.

Work started March 6 and will be completed June 14.

3/12/46 24
PREPARING PLANS
RESIDENCE
HAYWARD, Alameda Co., Calif.
Construction of one-story and basement frame and stucco 8-room residence, stone trim, shake roof, hardwood and linoleum floors, tile baths, showers and drainboard, steam heating system.
Owner—Mr. Casson, c/o architect.
Architect — J. Robert Harris, 3755 Laurel Canyon Blvd., North Hollywood.

3/12/36 * * 26
CONTRACT AWARDED
FULLERTON, Orange Co., Calif.—Daley Bros., 426 Bryant Street, San Francisco, at $37,500 awarded contract by the Federal Public Housing Authority, Phelan Bldg., San Francisco, for construction of 25 family dwellings in Fullerton.

Work started March 7 and will be completed May 6.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Water Supply and Sewage Disposal Plants 31-32
Bridges 33
Dams, Reservoirs and Dredging 34
Docks, Piers & Harbors 35
Parks, Airports and Playgrounds 36
Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

3/12/46 * 32
BOND ELECTION
REDDING, Shasta Co., Calif.—The City of Redding will vote April 9 on a proposal to issue bonds in amount of $200,000 to finance construction of a sanitary sewage treatment plant, health and sanitation aeration unit, primary clarifier, digester unit, control house and connecting sewer line.

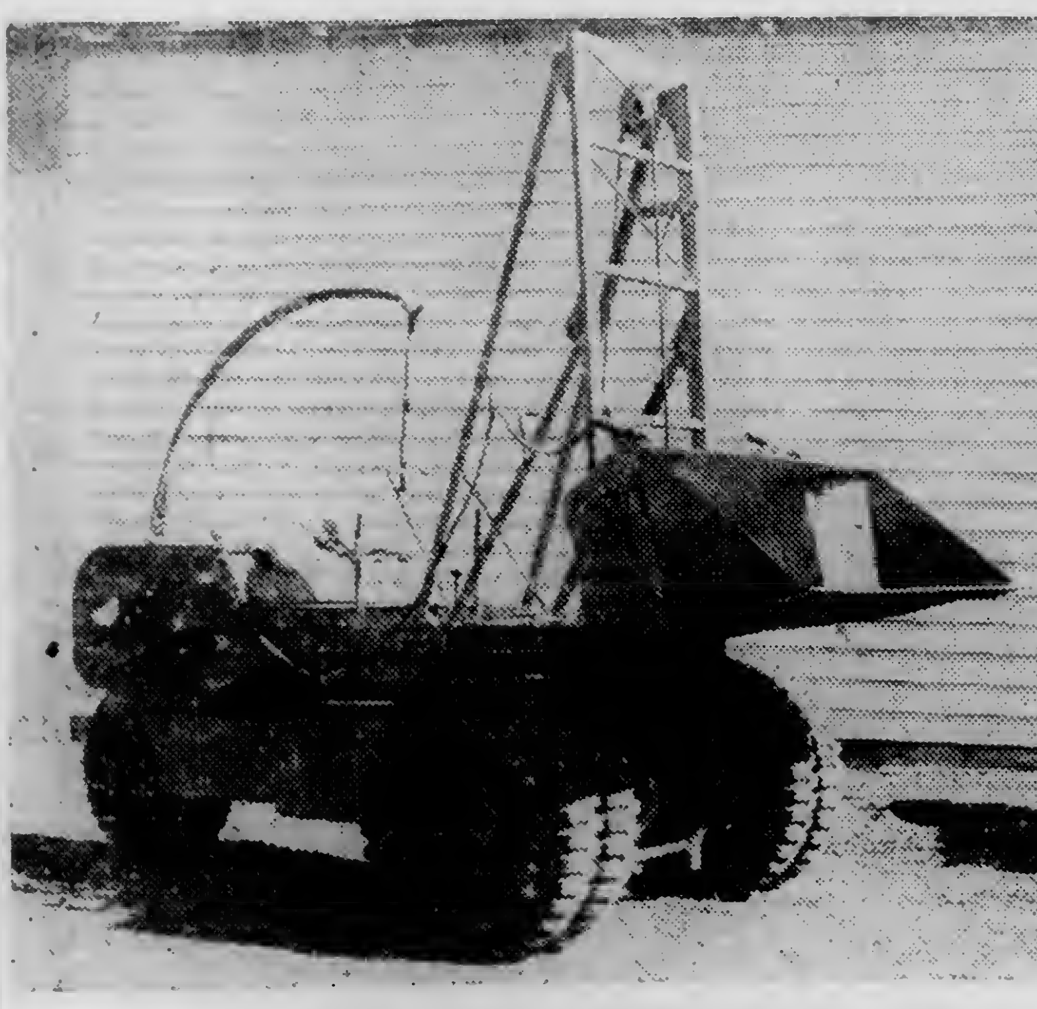
Plans by City Engineer H. A. Ross.

3/12/46 31
BIDS WANTED
CONTRA COSTA COUNTY, Calif.—As previously reported, until March 20, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Room 406, 512 16th St., Oakland, under LS-352 for construction of Schapiro pumping plant near Richmond, including furnishing all labor and materials.

The work involves:
(1) lump sum, construct Schapiro pumping plant building;
(2) 5 cu. yds. concrete;
(3) 25 cu. yds. excavation;
(4) 6 cu. yds. fill-all fill required inside the building.

Specifications obtainable from the above office.

3/12/46 * 31
TO ASK BIDS
CENTERVILLE, Alameda Co., Cal.—Bids will be asked shortly by the Union Sanitary Board, George Coit, chairman, Centerville, for installation of a new pumping system at Newark.



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Lifting arms, with six detachable arms.
Lifting boom.

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BUILDING MATERIALS • READY MIXED CONCRETE
Foot of 23rd Avenue OAKLAND KEllog 3-5225

33—BRIDGES

3/12/46 * 33
BOND ELECTION
REDDING, Shasta Co., Calif.—The City of Redding will vote April 9 on a proposal to issue bonds in amount of $300,000 to finance construction of an underpass on Gold St. under and across the railroad tracks of the Southern Pacific Co.

Plans by City Engineer H. A. Ross.

34—DAMS, RESERVOIRS & DREDGING

3/12/46 34
AWARD RECOMMENDED
PARADISE DAM, Montana.—Lynch Bros., 3425 Stone Way, Seattle, at $26,237.50, submitted low bid to the U. S. Engineer Office, Textile Tower, Seattle, under Inv. 46-65 for exploratory foundation investigation, Paradise damsite, Clark Fork River, Sanders County, Montana.

Other bids were:
Diamond Drill Contracting Co., Spokane, $28,000.
W. J. Riddock, Helena, Mont., $30,645.
Cannon & Jeffries, Compton, $36,925.

3/12/46 ** 34
PROSPECTIVE BIDDERS
PRIEST RAPIDS, Wash.—The following contractors have taken out plans for construction of exploratory foundation work at Priest Rapids damsite, Columbia River, Yakima and Grant Counties, Washington, for which bids will be opened March 14, 2 P. M., by the U. S. Engineer Office, Textile Tower, Seattle:

Lynch Bros. Diamond Drilling Co., 3425 Stoneway, Seattle.
Fairbanks Drilling Co., 2437 6th Ave. S., Seattle.
N. C. Jannsen Drilling Co., 9407 E. Marginal Way, Seattle.
Diamond Drill Contracting Co., 779 Bryant St., San Francisco.
E. M. Curske, 552 26th St., Ogden, Utah.
Cannon Diamond Drill Co., Box 549, Compton.
Mott Core Drilling Co., Box 2076, Huntington, W. Va.

3/11/46 34
PLANNED
COLUMBIA BASIN PROJECT, Washington.—The Bureau of Reclamation, Frank A. Banks, supervising engineer, Grand Coulee, Wash., has disclosed plans for the construction of 12 major projects in the Columbia Basin to be started during the first six months of this year. The proposed projects will include an irrigation system for serving 17,000 new farms in south-central Washington, three new dams, three principal canals, three siphons, one tunnel and two pumping plants. Construction is expected to be under way by mid-summer at several points from Grand Coulee Dam southward to Pasco, Wash., a distance of 150 miles. Approximately 135,000,000 tons of rock and earth will be handled and the projects will require approximately 240,000,000 man-hours of work. Total estimated cost, $100,000,000.

37— RAILROADS, SUBWAYS & TUNNELS

3/12/46 ** 37
ADDENDUM No. 1 ISSUED
ROUGH AND READY ISLAND, near Stockton, San Joaquin Co., Calif.—Addendum No. 1 to NOy 13469, Spec. 17620, for reconstruction of railroad tracks at the U. S. Naval Supply Annex, Stockton, for which bids will be opened March 14, 11 A. M., by the officer in charge of construction, U. S. Naval Supply Annex, Rough and Ready Island, Stockton, has been issued as follows:

Section III—Railroad Track

3-04. (c) Tie plates. Add the sentence: "If used tie plates are used, a deductive change to the contract will be negotiated in accordance with article 10 of the contract."

Section IV.—Bids

4-02. Items of Bids.

Item Three: Change to read: "Price for the entire work complete in accordance with drawings and specification, using one hundred ten pound (110 lb.) relayer rails, fittings and accessories, and new turnouts

Item Four: Change Item Four to read: Price per tie for removing existing defective ties in the track to be reconstructed and furnishing and installing new ties as follows:

8-ft. cross ties;
8-ft. 6-in. switches ties;
9-ft. switch ties;
9-ft. 6-in. switch ties;
10-ft. switch ties;
10-ft. 6-in. switch ties;
11-ft. switch ties;
11-ft. 6-in. switch ties;
12-ft. switch ties;
12-ft. 6-in. switch ties;
13-ft. switch ties;
13-ft. 6-in. switch ties;
14-ft. switch ties;
14-ft. 6-in. switch ties;
15-ft. switch ties.

Notice: Each bidder shall refer to this addendum in his bid. Failure to do so may constitute an informality in the bid.

3/12/46 ** 37
BIDS WANTED
SAN DIEGO, Calif.—Until March 26, 11 A. M., bids will be received by the U. S. Navy, 11th Naval District, Public Works Department, 1220 Pacific Highway, San Diego, for reconstruction of railroad spur tracks at the Naval Supply Depot, San Diego; Specification 17597. The work involves removal of existing pavement, trackwork, turnout, ties and ballast and the furnishing and installation of new concrete pad, ballast, ties, track accessories and asphaltic concrete pavement and miscellaneous work. The existing rails, crossings and turnout are to be salvaged and reused. Plans and specifications are available from the above office upon deposit of $10.

38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

3/12/46 ** 38
BIDS WANTED—TO CLOSE MARCH 25, 7:30 P. M.
FLOODLIGHT FIELD
RED BLUFF, Tehama County, Calif. Red Bluff Union High School.
Furnish and install all structures and fixtures necessary to provide a system of floodlighting for the athletic field. Work will consist of a system of 8 tubular steel poles, 100 floodlights with the necessary underground conduit, auxiliary wiring and control switches.
Owner—Red Bluff Union High School District. Fred H. Weeks, clerk, Red Bluff Union High School, Red Bluff.
Plans by owner.

Plans obtainable from the principal of the high school upon deposit of $10. A certified check in amount of 10% of the bid must accompany each bid

3/12/46 38
TOTAL BIDS
SPOKANE, Wash.—As previously reported, H. H. Walker, Inc., Box 389, Ellensburg, at $124,064, submitted low bid to the Bonneville Power Administration, P. O. Box 3537, Portlnad, Ore., for the construction of the Spokane-Colville 115-ka. wood pole transmission line. The project is to begin at Mead substation, near Spokane, and continue in a northerly direction to a point near Colville, approximately 62 miles in length. The work consists of wood pole H-frame structures of design.

Other bids were:
Electric Smith, Spokane, $130,087.
Electric Construction Co., Tacoma, $136,800.50.
W. L. Ridge, Spokane, $151,043.
Agutter Electric Co., Seattle, $159,842.

39—SEWERS

3/12/46 * 39
CONTRACT AWARDED
FRESNO, Fresno Co., Calif.—Papacific Pipeline Constr. Co., 2268 E Firestone Blvd., Los Angeles, at $5,656.51 awarded contract by the City Council of the City of Fresno, D. E. Roughton, city clerk, City Hall, Fresno, for the sewering of Westwood Heights, Palm Garden Subdivision No. 2, and Delver Place, Fresno; 1911 act.

3/12/46 39
CONTRACT AWARDED
FRESNO, Fresno Co., Calif.—Pacific Pipeline Constr. Co., 2268 East Firestone Blvd., Los Angeles, at $4,114.11 awarded contract by the City Council, City of Fresno, D. E. Roughton, city clerk, City Hall, Fresno, for the sewering of Arnbrister Addition, Elm Addition No. 4 and a portion of Elm Addition No. 1 in Fresno; 1911 act.

40— STREETS AND HIGHWAYS

3/12/46 * * 40
COMPLETE BIDS
LOS ANGELES COUNTY, Calif.—As previously reported ,Griffith Co., 1060 S. Broadway, Los Angeles, at $128,126 submitted low bid to G. T. McCoy, state highway engineer, 808 State Bldg., Los Angeles, for about 1.1 miles in length to be graded and paved with asphaltic concrete on cement treated base on Rosemead Blvd. between Huntington Blvd. and Colorado Street (VIII-LA-168-C), in Los Angeles County.

The work involves:
(1) 580 cu. yds. remove concrete;
(2) 57 sta. clearing and grubbing;
(3) 21,000 cu. yds. roadway excavation;
(4) 80 cu. yds. structural excavation;
(5) develop water supply and furnish water equipment;
(6) 600 M gallons apply water;
(7) 57 sta. finish roadway;
(8) 40,500 sq. yds. cement treated subbase road mix;
(9) 9100 tons minimum aggregate cement treated base, plant mix;
(10) 5400 bbls. portland cement cement-treated subbase and base;
(11) 102 tons asphaltic emulsion curing seal paint binder and seal coat;
(12) 10,350 tons asphaltic concrete pavement;
(13) 28 cu. yds. class A portland cement concrete structures;
(14) 1100 cu. yds. class A portland cement concrete curbs, gutters, sidewalks and driveways;
(15) 1600 lbs. bar reinforcing steel;
(16) 7000 lbs. steel rail assemblies;
(17) 2260 lin. ft. ¾-in. galvanized pipe sprinkling system;
(18) 2780 lin. ft. 1-in. galvanized pipe spring system;
(19) 150 lin. ft. 1¼-in. galvanized pipe sprinkling system;
(20) 500 lin. ft. 1½-in galvanized pipe sprinkling system;
(21) 3500 lin. ft. 2-in. galvanized pipe sprinkling system;
(22) 30 each turning union assemblies;
(23) traffic warning system;
(24) 34,000 each kikuyu grass cuttings.

Total bids were:
(A) Griffith Co., $128,126.
(B) Vido Kovacevich, Los Angeles, $133,883.50.
(C) J. E. Haddock, Ltd., Pasadena, $133,920.30.
(D) John J. Swigart Co., Torrance, $139,511.11.
(E) Guerin Bros., Los Angeles, $139,905.40.
(F) Basich Bros. Constr. Co. and Basich Bros., Alhambra, $145,321.

Unit bids were:

	(A)	(B)	(C)	(D)	(E)
(1)	$3.70	$4.50	$2.15	$3.04	$4.50
(2)	16.00	20.00	30.00	34.00	19.00
(3)	.75	.50	.50	.73	.70
(4)	2.50	3.00	2.00	2.96	3.75
(5)	400.00	400.00	1500.00	173.00	300.00
(6)	1.75	1.50	1.35	1.50	3.50
(7)	10.00	15.00	15.00	7.21	10.00
(8)	.21	.18	.20	.27	.18
(9)	2.15	2.90	2.55	2.66	2.95
(10)	2.40	2.50	2.50	2.11	2.30
(11)	36.00	42.00	42.00	33.72	21.00
(12)	3.00	3.30	3.10	2.77	3.15
(13)	33.00	40.00	39.00	34.50	42.00
(14)	19.50	18.00	24.00	25.30	23.00
(15)	.08	.08	.09	.06	.12
(16)	.14	.12	.12	.10	.14
(17)	.40	.50	33	.58	.34
(18)	.45	.55	.35	.63	.40
(19)	.52	.65	.53	.73	.73
(20)	.65	.83	.75	.92	.87
(21)	.80	1.15	.77	1.26	92
(22)	17.00	15.00	20.00	15.75	35.00
(23)	$40.00	725.00	1000.00	989.00	900.00
(24)	.034	.04	.03	.03	.05

(F)

(1)	$4.50	(2)	$35.00
(3)	.60	(4)	2.50
(5)	2250.00	(6)	2.50
(7)	18.00	(8)	.17
(9)	2.65	(10)	2.90
(11)	30.00	(12)	3.15
(13)	48.00	(14)	25.00
(15)	.08	(16)	.14
(17)	.50	(18)	.60
(19)	.65	(20)	.85
(21)	1.05	(22)	55.00
(23)	1200.00	(24)	.03

3/12/46 ** 40
BLUE PRINTS AVAILABLE
SACRAMENTO, Calif.—State Highway Engineer G. T. McCoy announces blue prints are now available for state highway project II-Sis-3-B, between Weed and Yreka, for which bids will be opened in Sacramento on Wednesday, March 27. A blue print of a title sheet showing the general location of work will be furnished free with the special provisions. There are no other plans for the work.

Requests for the above blue prints and proposal form must be addressed to the office of the State Highway Engineer, Box 1499, Sacramento.

3/12/46 * * 40
BIDS WANTED
MODESTO, Stanislaus Co., Calif.—Until March 27, 7:30 P. M., bids will be received by the Modesto City Council, Rex E. Gailfus, City Clerk, 717 Tenth St., Modesto, for Improvement of Kansas Avenue from Franklin to Ninth Streets.

Specifications obtainable from City Engineer, 616 Tenth St., Modesto, upon deposit of $10.00.

3/12/46 * 40
BIDS OPENED
CLALLAM COUNTY, Wash.—J. P. Surace, 1260 Poplar Place, Seattle, at $190,201, submitted low bid to the Public Roads Administration, W. H. Lynch, division engineer, 808 Bedell Bldg., Portland, Ore., for constructing Washington Forest Highway Project 2-E, grading, surfacing and bituminous surfacing, Olympic Highway, Olympic National Forest, Clallam County, Washington.

Other bids were:
Peter Kiewit Sons, Seattle, $198,041.70.
Hugh Govan, Port Angeles, Wash., $205,973.30.

3/12/46 * 40
BIDS OPENED
KLICKITAT COUNTY, Wash.—Cox Bros., Spokane, at $171,301.50, submitted low bid to the Public Roads Administration, W. H. Lynch, division engineer, 808 Bedell Bldg., Portland, Ore., for construction of grading and bridge, Mt. Adams Highway, Columbia National Forest, Klickitat County.

Other bids were:
Bergston, Auburn, $177,438.60.
J. C. Papin, Spokane, $188,768.50.

3/12/46 40
BIDS WANTED
SALT LAKE COUNTY, Utah.—Until March 20, 2 P. M., bids will be received by the Utah State Road Commission, State Capitol, Salt Lake City, Utah, for construction of approximately 8.574 miles 2½-in. plant-mixed bituminous surfaced road in Salt Lake County, section of S. R. 201 on 21st South St. between Salt Lake and Magna, identified as Project No. F-218 (2).

Specifications obtainable from the above office upon deposit of $2.

3/12/46 • • 40
BIDS WANTED
KERN COUNTY, Cal.—Until Apr. 3, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about 4.7 miles in length shoulders to be widened with imported borrow and untreated rock surfacing, bet. Lost Hills and Wasco, Kern County.

Specifications obtainable from the above office.

Work involves:
(1) 15,000 c.y. imported borrow;
(2) develop water supply and furnish water equipment;
(3) 900 M. gals. apply water;
(4) 251 sta. finish rdwy.;
(5) 2,700 c.y. untreated rock surf.;
(6) 21 tons liq. asph. SC-2 penetration treatment.

3/12/46 • • 40
BIDS WANTED
SHASTA COUNTY, Calif.—Until April 3, 2 P. M., bids will be received by the State Division of Highways, G. E. McCoy, state highway engineer Public Works Building, Sacramento. for about 9.7 miles in length to be surfaced with plant mix surfacing between 4.5 miles east of Ingot and Montgomery Creek in Shasta County.

Specifications obtainable from the above office.

Work involves:
(1) 9,000 tons min. agg. plant mix surfacing;
(2) 495 tons processing paving asph. plant mix surfacing;
(3) 38 tons processing liq. asph. RC-2 prime coat;
(4) 115 tons processing pave. asph. seal coat;
(5) 1,370 tons screenings seal coat.

Paving asphalt and liquid asphalt will be furnished by the State.

3/12/46 • • 40
BIDS WANTED
SAN DIEGO COUNTY ,Calif.—Until April 11, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about 4.1 miles in length to be graded and surfaced with portland cement concrete pavement, between .4 mile south of Mission Valley Road and .5 mile north of north city limits of San Diego, (XI-SD-77-SD,A), in San Diego County.

Specifications obtainable from the above office.

Unit quantities will be published shortly.

3/12/46 • • 40
BIDS WANTED
KERN COUNTY, Cal.—Until Apr. 10, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about 1.9 miles in length to be graded and paved with Portland cement concrete and asphalt concrete between Brundage Lane and 24th St., Bakersfield, Kern County.

Specifications obtainable from the above office.

Unit quantities will be published shortly.

3/12/46 • • 40
CONTRACT AWARDED
ALAMEDA COUNTY, Calif.—Lee J. Immel, Box 65, Station A, Berkeley, at $135,659 awarded contract by C. H. Purcell, State Director of Public Works, Sacramento, for about 1.4 miles in length to be widened with portland cement concrete pavement and existing pavement to be resurfaced with asphalt concrete between distribution structures and Seventh St. in Oakland.

3/12/46 • • 40
CONTRACT AWARDED
ALAMEDA COUNTY, Calif.—A. S. Jones, Box 3067, Brown's Valley Rd., Napa, at $40,823.50 awarded contract by C. H. Purcell, State Director of Public Works, Sacramento, ofr about 8.3 miles in length shoulders to be widened with imported borrow and surfaced with plant mix surfacing and penetration treatment between Warm Springs-Mission San Jose, and Warm Springs and Centerville, Alameda County.

3/12/46 •• 42
BIDS WANTED
OAKLAND, Alameda Co., Calif.—Until March 26, 4 P. M., bids will be received by the Oakland Board of Education, John W. Edgemond, secretary, Administration Bldg., 1025 2nd Ave., Oakland, under Sch. 83 for lighting fixtures.

Specifications obtainable from the above office.

3/11/46 40
BIDS OPENED
LOS ANGELES, Calif.—Nathan A. Moore, 2951 W. Valley Blvd., Alhambra, at (Alt. 1) $76,774.66, submitted low bid on alternate 1, and Tomei Construction Co., 4737 Orion Ave., Van Nuys, at (Alt. 2) $72,153.00, submitted the low bid on alternate 2 to the Los Angeles Board of Public Works, 153 City Hall, Los Angeles, for the grading, paving and otherwise improving of Century Blvd., between Inglewood-Redondo Rd. and Sepulveda Blvd., Los Angeles; a cash contract.

Total bids submitted were:
Nathan A. Moore, (1) $76.774.66, (2) $77,744.64.
Tomei Construction Co., (1) $81,690.57, (2) $72,175.33.
Oswald Bros., (1) $79,241.98, (2) $73,863.46.
John J. Swigart, (1) $80,610.80, (2) $74,686.45.
Guerin Bros., (1) $82,870.92, (2) $76,158.53.
Los Angeles Paving Co., (1) $82,998.32, (2) $83,000.24.
Warren Southwest, Inc., (1) $88,851.01, (2) $84,121.76.
T. E. Sherlock, (1) $86,187.28, (2) $88,557.70.
Griffith Co., (1) $86,606.95, (2) $90,463.12.
R. A Wattson Co., (1) $89,865.70, (2) $90,825.70.
Engineer's estimate, (1) $86,008.58, (2) $86,153.52.

3/12/46 22

35— DOCKS, PIERS & HARBORS

PREPARING PLANS
BREMERTON, Wash.—The U. S. Navy, Bureau of Yards and Docks, Washington, D. C., is preparing plans and specifications and will probably issue a call for bids within the next few months, for the construction of six ship-mooring piers, for reserve warships of the 19th fleet, at the Puget Sound Navy Yard, Bremerton, Wash.

The work involves construction of 1200-ft. piers, one and perhaps two of which will be of reinforced concrete construction. The others will be of the interrupted caisson type, but all of them will have water, power, oil and some trackage lines installed. The work will also involve considerable dredging; estimated cost, $12,000,000.

43— MACHINERY AND EQUIPMENT

3/12/46 * 43
BIDS WANTED
CENTRAL VALLEY PROJECT, California.—Until April 16, 2 P. M., bids will be received at the office of the Bureau of Reclamation, Denver, Colo., under Spec. 1229 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Concord, Calif., at the option of the bidder, two motor-driven, horizontal-shaft, single-stage, centrifugal type pumpping units, each complete with pump, motor, flexible coupling, base plate and all accessories required for a complete operating unit, for Ygnacio Canal pumping plant, and three motor-driven, horizontal-shaft, single-stge, centrifugal type pumping units, each complete with pump, motor, flexible coupling, base plate and all accessories required for a complete operating unit, for the Clayton Canal pumping plant, Central Valley Project, California. All apparatus will be installed by the government. No charge for copies of the specifications to prospective bona fide bidders; to others, $1, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colo.

(Continued on Page Eight)

BRIDGES, SAN DIECO COUNTY—STATE

SAN DIEGO COUNTY, Calif.—As previously reported, O'Rourke & Parker, 2779 Jackson Ave., Garvey, at $39,344, submitted low bid to G. T. McCoy, state highway engineer, 808 State Bldg., Los Angeles, for construction of reinforced concrete slab bridges across Matagual Valley Creek, Canada Verde Creek and Acorn Creek, between 2 and 17 miles north of Morettis (XI-SD-78-D,E), in San Diego County.

The work involves:
(1) remove existing bridges;
(2) 935 cu. yds. structural excavation;
(3) 272 lin. ft. timber bridge rail;
(4) 456 cu. yds. class A portland cement concrete;
(5) 720 lin. ft. furnish concrete piles;
(6) 12 each drive concrete piles;
(7) 165 cu. yds. sacked concrete riprap;
(8) 84,000 lbs. bar reinforcing steel;
(9) miscellaneous items of work.

The total bids were:
(A) O'Rourke & Parker, Garvey, $39,344.
(B) Oberg & Cook, Los Angeles, $45,533.50.
(C) Macco Construction Co., Clearwater, $48,745.
(D) Fred Fredenburg, Temple City, $49,826.
(E) C. B. Tuttle, Long Beach, $49,878.
(F) Walter H. Barber, La Mesa, $60,206.
(G) Walter H. Barber, La Mesa, $61,028.40.
(H) Haddock Engineers, Ltd., Oceanside, $73,850.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)
(1)........	$1320.00	$1500.00	$2500.00	$3324.00	$7000.00	$1650.00	$2944.00	$4000.00
(2)........	4.00	6.50	4.00	6.00	11.00	6.00	8.00	13.00
(3)........	2.00	2.50	5.00	3.00	1.50	7.20	4.50	5.00
(4)........	42.00	45.00	55.00	46.00	37.00	65.00	49.00	67.50
(5)........	4.00	3.30	2.50	2.50	3.00	9.00	7.00	3.50
(6)........	160.00	130.00	160.00	310.00	176.00	140.00	167.00	200.00
(7)........	16.00	28.00	25.00	28.00	27.00	30.00	40.00	45.00
(8)........	.072	.08	.08	.06	.07	.09	.11	.14
(9)........	1100.00	1000.00	1500.00	3920.00	706.00	1500.00	3330.00	1450.00

The NATION
is reading about
the assets and opportunities of
NORTHERN CALIFORNIA

For more than six months, your gas and electric company has been carrying on a consistent national advertising campaign to bring new business and industry to Northern California.

This advertising with colorful illustrations has been keyed to one dominant theme—"Northern California, the industrial center of the new Pacific World."

Four main objectives, important to every community in this area, have been the goal of this series of advertisements. These objectives are:

1. To hold much of the wartime gains of business and industry as permanent assets here.
2. To help in the reconversion and expansion of existing business and industry.
3. To attract new business and industry to Northern California.
4. To absorb in productive work the greatly increased population, the recently acquired force of skilled labor and the thousands of veterans who plan to live and prosper in Northern California.

Already we have abundant evidence that our national advertising has opened many eyes and minds throughout the Nation to the great future shaping up for this region.

This ambitious program is being carried on in complete cooperation with local committees, service clubs, industrial groups, chambers of commerce and other civic organizations.

We shall keep this advertising at work for Northern California well into 1946.

MILLIONS OF
FULL PAGE COLOR ADVERTISEMENTS INVITE BUSINESS AND INDUSTRY TO COME TO NORTHERN CALIFORNIA

P·G and E· PACIFIC GAS AND ELECTRIC COMPANY

7XW—340

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS Applications

SAN FRANCISCO

ALTER HOTEL AND STORE, $100,000; SW corner Market and New Montgomery; owner, Palace Hotel Co, prem; builder, Taylor & Goericke, Sharon Bldg; architect, F J McCarthy, 693 Mission; engineer, H J Brunnier, Sharon Bldg.

WOOL PLANT (1-story frame), $45,000; SE corner Revere and Griffith; owner, Legallet Tanning Co, 1099 Quesada Ave; builder, H E Rahimann Co, 251 Kearny; architect, Ira S Kessey, 251 Kearny.

CLASS "C" INDUSTRIAL BUILDING (1-story), $15,000; S Townsend 140 E 2nd St; owner and builder, Gatis Zates, Los Altos, Calif.

ALTER HOTEL, $15,000; SW corner Market and New Montgomery Sts; owner, Palace Hotel Co, premises; builder, Taylor & Goericke, Sharon Bldg; architect, F J McCarthy, 693 Mission; engineer, H J Brunnier, Sharon Bldg.

READING ROOM (1-story frame), $10,000; S Clement 107.6 E Funston Ave; owner, Fourth Church of Christ Scientist, 300 Funston Ave; builder, G J Elkington, 33 Sutro Heights Ave.

DWELLINGS (1-story frame) (2), $7000 and $6900; S Alemany Blvd 180, 155 SW Sickles; owner and builder, San Francisco Building & Maintenance Co.

ALTER DWELLING, $6837; E Bronte 25 N Jarboe; owner and builder, Hans V Hansen, 2297 15th St.

DWELLING, $6000; E 36th Ave 25 N Ortega; owner and builder, Rude & Lipman, 2 Willard St.

DWELLING (1-story frame), $6000; E 36th Ave 30 N Ortega; owner and builder, Rude & Lipman, 2 Willard St.

ALTER MARKET, $6000; 3601 Balboa St; owner, Muilinari Bros, 1031 Cabrillo; builder, Fred J Early Jr Co, Inc, 369 Pine St.

DWELLING (1-story frame), $5500; E Victoria 225 N Randolph; owner and builder, B C Hoecker, 371 Prague.

DWELLINGS (1-story frame) (6), $5400 each; E 35th Ave 168 N Noriega; E 44th Ave 100 S Quintara; E 43rd Ave 150, 175, 200, 225 N Ortega; owner and builder, Superior Building Co, 1426 Noriega.

ALTER WAREHOUSE, $5000; 450 5th St; owner, Max Mindner, c/o contractor; builder, Fred J Early Jr Co, Inc, 369 Pine St.

ALTER DWELLING, $5000; 1012 Silliman; owner and builder, Lucile Pagano, Redwood City.

DWELLING (1-story frame), $5000; W 16th Ave 225 S Ulloa; owner and builder, Chas Anderson, 150 Granville Way.

SHOP (1-story frame), $5000; E Minna 215 N 15th St; owner and builder, J F Landini, 1471 28th Ave.

DWELLINGS (1-story frame) (18), $4000 each; N Thrift 75, 100, 125, 150, 175, 200, 225, 250, 275, 300, 325, 350, 375, 400, 425, (450, 475, 500 Plymouth; owner, Atlas Realty Co, 1500 Judah; builder, Pacific Coast Construction Co, 1500 Judah.

ALTER TAVERN, $4000; 2191 Union St; owner, L Ligi, premises; builder, Pacific Fixture Co, 1218 18th Ave

ALTER COMMERCIAL, $4000; 447 Pine St; owner, Fred Puccinelli, prem; builder, Alfred P Fisher, 300 Montgomery St.

ALTER DWELLING, $2000; 66 Pinehurst Way; owners, Chas E and M Kroner, 66 Pinehurst; day work.

ALTER HOTEL, $2000; SE California and Mason; owner, Mark Hopkins Hotel, prem; builder, Michel & Pfeffer Iron Works, Inc, 1415 Harrison St.

ALTER DWELLING, $2000; 431 Oxford St; owner and builder, A G Ignatieff, premises.

ALTER DWELLING, $2000; 1000 Fulton St; owner, Archbishop of San Francisco, 1100 Franklin St; builder, Frank Connell, 275 Diamond St.

ALTER DRY GOODS STORE, $2000; 30 O'Farrell St; owner, City of Paris, Geary and Grant; builder, Wm Horstmeyer, 23 Mars.

ALTER DWELLING, $1500; 1232 28th Ave; owner, Joseph Martinelli, prem; builder, Peter D Scatena, 1265 Shafter Ave.

ALTER STORE, $1500; 22 7th St; owner, Steve Demacas, premises; builder, Theo Petrikis, 2636 31st Ave.

ALTER GROCERY STORE, $950; 1299 Pacific Ave; owner, Mrs T Cooper, prem; builder, Chet Dollase, 1579 42nd Ave.

ALTER DWELLING, $800; 1520 Cole St; owner and builder, Robert Stevenson, premises.

ALTER FUNERAL HOME, $800; NW Sutter and Pierce; owners, R and Ethel Schareteg, c/o contractor; builder, J S Malloch, 666 Mission.

ALTER DWELLING, $750; 1459 19th Ave; owners, Mr and Mrs Friedman, prem; builder, L Erlendson, 400 Douglas.

ALTER DWELLING, $500; 5845 Mission; owners and builders, John and Alice Clark, 1538 Irving St.

ALTER FLATS, $500; 1548 Leavenworth; owner, Robert Fong Lee, prem; builder, Frank Yick, 670 Washington.

ALTER DWELLING, $500; 40 San Felipe Ave; owner, Ernst O Anders, prem; builder, John Munson, 140 South Park.

ALTER FLATS AND BAR ROOM, $500; 543 Divisadero St; owner, B Lazzareschi, prem; day work.

ALTER MUSIC STORE, $500; 2220 Chestnut St; owner, A Johnson, 2220 Chestnut St; builder, Frank Yick, 670 Washington St.

ALTER GLAZING PLANT, $500; 1909 1909 Union St; owner, R D McElroy & Son, Phelan Bldg; builder, Phoenix-Simpton Co, 520 6th St

BUILDING PERMITS Granted

SAN FRANCISCO

MARCH 8, 9, 1946

ALTER store in delicatessen, $500; 2550 San Bruno Ave; owner, Mrs Bonneau.

RESIDENCE, 1-story frame, $6837; W Bradford 25 N Jarboe; owner, Hans V Hansen.

ALTER offices, $4000; 344 Harriet; owner, Empire Constr Co, Ltd.

STORAGE Shed, 1-story frame, $1,200; SW Shafter 300 NW Selby St; owner, Marshall T Struthers.

ALTER storage into storage and dwelling, $1000; 63 Glibert Street; owner, J M Pisoni.

ALTER bar, $560; 3845 Mission St; owner, Mrs Glenena Weber.

OFFICES, 1-story frame, $3600; W Mississippi 40 S Mariposa; owner, Mayfair Invest Co.

ALTER theatre, $15,000; E West Portal Ave; owner, Oser Estate.

ALTER dwelling, $500; 103 Bosworth St; owner, MrsCordes.

ALTER apts, $2778; 1694 Green St; owner, E Esmiol.

ALTER food market, $10,000; SW Corn Portola and Teresita Blvd; owner, Rollo Brown.

CLASS C bldg, $10,000; NE corner 17th and Carolina Sts; owner, Wm P Peters.

CLASS C indus bldg, $20,000; South Townsend 140 E 2nd St; owner, Gatis Yates.

ALTER hotel and stores, $100,000; SW Market and New Montgomery; owner, Palace Hotel Co.

BERKELEY

ALTER, $995; 1625 Grant; owner, K M Dodge, prem; contractor, Dillon Rfg Co, 5212 San Pablo Ave, Oakland.

REPAIRS, $2900; 1339 Sixth Street; owner, Asst Ward Products, 1339 6th; contractor, Van Bokkelen Cole Constr So, 955 22nd St, Oakland.

ROOFING, $1090; 1739 Blake; owner, L Myers, prem; contractor, R C Rasmussen, 314 Perkins, Oakland.

ALTER, $500; 737 Contra Costa Ave; owner, B N De Rochii, prem; contractor, J M Bartlett, 703 Everett, El Cerrito.

ALTER, $900; 3027 Ellis; owner, G Smith, prem; contractor, Dillon Rfg Co, 5212 San Pablo Ave, Oakland.

ALTER, $500; 1775 Sonoma; owner, White, premises; contractor, H E Phinney, 1307 Cornell.

ICE PLANT, $4000; 2036 Blake St; owner and builder, Union Ice Co, 359 Pine St, San Francisco; plans by M W Monlux.

ALTER, $2300; 1920-2 Shattuck Ave; owner, Bruce Whitcourt Co, 1906 Shattuck; contractor, Dillon Rfg. 5212 San Pablo Ave, Oakland.

ALTER, $1080; 1820 Woolsey; owner, J M Leffall, prem; contractor, Dillon Rfg Co, 5212 San Pablo Oakland.

REPAIRS, $5000; 1141 Gilman; owner, St Ambrose Church, premises; contractor, Van Bokkelen-Cole Co, 955 22nd St, Oakland.

APTS, 4-unit, $18,000; 1125-31 Virginia; owner, Barney Gagliardo, 1907 Virginia; contractor, J Faramia, 827 Madison St, Albany.

ALTER, $1200; 1351 Carlotta; owner and contractor, Ward J Wene, 1351 Carlotta.

OAKLAND

FACTORY, one-story brick, $80,000; 916 98th Ave; owner, Barr Foods, Inc, prem; contractor, Larsen and Larsen, 629 Bryant St, S F; engineer, George Washington, 417 Market St, San Francisco.

DWELLING, 1-story 8-room, $15,000; 92 Grovatt Dr; owner and builder, Mac D Perkins, 3124 Eton Ave, Berkeley; architect, Thos B Mulvin, Bank of America Bldg.

ALTER and repairs, $2000; 4101 Foothill Blvd; owner, Geo George, 2150 Rosedale Ave; contractor, W H Wisheropp Co, 584 Grand Ave.

ALTER, $800; 2116 Webster Street; owner and contractor, E L Buttner 534 20th St.

ADDITION, 2-story, $15,000; 431 30th St; owner, Medical Group, prem; contractor, J D O'Connor Co ,391 Sutter St, San Francisco; architects, Ponsford & Price, 1214 Webster Street.

HOTEL, 2-story 24-room, $36,000; 598 MacArthur Blvd West; owner and builder, C L Smith, 2670 46th Ave, San Francisco; architect, Conrad T Kett, Sausalito.

DWELLING, and office, 2-story 5-room, $4000; 590 MacArthur Blvd; owner and builder, C L Smith, 2670 46th Ave, San Francisco; architect Conrad T Kett, Sausailto.

STORES and office, 2-story 13-room $25,000; 2053-59-63 Mtn Blvd; owner, Paul Pause, 6540 Moraga Ave; contractor, Doty & Lockwood, 2003 E 14th St; architect, F H Slocombe Hinshaw Bldg.

DWELLINGS, two 2-story 5-room, $7500 each; 343-347 Florence Ave; owner, E A Archambault, 1539 Leimert Blvd; owner, J J Grodem, 1617 Fernwood Dr.

DWELLING, 1-story 5-room, $5600; 7744 Sterling Dr; owner and contractor, John C Grantham, 1361 Park St, Alameda.

DWELLING, 1-story 5-room, $7800; 3809 Redwood Rd; owner, Geo A Patterson, 2531 79th Ave; contractor, C A Reinhard Constr Co, 8525 Bancroft Ave.

STORE, 1-story, $5000; 9915 MacArthur Blvd; owner, Wm G Ford, 6149 Monadnock Way; contractor, H K Jensen, 4024 MacArthur Blvd.

DUPLEX, one-story 8-room, $8000; 10304-10 Plymouth St; owner, H Schuster, 1300 Webster St; contractor, J A Sutton, 10916 Noveldo.

ADDITION, $1500; 934 45th Avenue; owner, Sam Goodman, prem; contractor, Jerry Haas, 934 45th Ave.

DWELLING, 1-story 6-room, $6000; 1425 81st Ave; owner, C Buckley, 1324 100th Ave; contractor, Pioneer Bldrs, 516 San Pablo Avenue, Albany; garage, $600.

ADDN and alter, $600; 523 Willow St; owner and contractor, Frank Phillips, 1701 7th St.

GARAGE, 1-story concrete, $1700; 293 Whitmore St; owner, W H Picard, 4166 Broadway; contractor, O L Burritt, 421 63rd St.

ALTER, $1000; 565 Oakland Ave; owner and contractor ,John Cabibi 565 Oakland Ave.

ALTER, $2000; 537 14th St; owner, Max Billing, prem; contractor, F W Anderson, 811 37th S.t

SOUTH SAN FRANCISCO

REPAIR fire damage to dwelling, $2500; 103 Knoll Circle, Southwood Subdiv; owner, E Richardson, 103 Knoll Circle; contractor, I W Coburn, 2048 Market St, San Francisco.

MENLO PARK

RESIDENCE, 1-family 6-room, and garage, $14,000; 1175 Johnson St; owner, Mr. and Mrs. Austin Mosher; contractor, Allan McIntyre, 446 Highland Ave, San Mateo.

RESIDENCE, 1-family, 5-room and garage, $8000; 760 Cambridge St; owner and builder, Peter Jost, Jr.

ALTER bldg, $2000; 1353 University Drive; owner, Mr. Robinson; contractor, Lee McIntyre.

REDWOOD CITY

DWELLING, $5000; 534 Laurel; owner and builder, W Borge.

SAN MATEO COUNTY
Unincorporated

ALTER residence, $2500; SE ptn Lot 3, Cerrito Ave, East Greenwood Tr; owner and contractor, A Iorio, 3501 Jennings, San Francisco.

RESIDENCE, frame, $9000; Ptn Lot 7, East Greenwood Tract; owner and builder, G L Starner, Nottingham and El Camino Real, Redwood City.

FRESNO

STORE, $25,000; 1663 Fulton; owner, Theo M Boaras.

ALTER STORE, $20,000; 1328 Fulton; owner, Cahn's of Fresno; builder, Trewhitt, Shields & Fisher.

STORE, $10,000; 1043 Blackstone; owner, Hilbron & Jones; builder, Harris Construction Co.

DWELLINGS AND GARAGES (2), $9000 each; 4448 Lyell, 4436 Liberty; owner, Ben Baxter.

DWELLINGS AND GARAGES (5), $8000 each; 4226, 4326 Lane, 4214, 4313, 4323 Lowe; owner, Ben Baxter.

DWELLING, $8000; 321 Hawes; owner, J Romano.

ALTER GARAGE TO STORE, $7000; 940 E St; owner, Mrs Marr; builder, Harris Construction Co.

DWELLING AND GARAGE, $7000; 2144 Terrace; owner, Frank Ralston.

DWELLING AND GARAGE, $6000; 2126 Harvard; owner, R J Bruce.

DWELLING AND GARAGE, $6000; 2136 Harvard; owner, J D Byrd

DWELLING AND GARAGE, $5500; 4685 Washington; owner, Robert J Keesling.

DWELLINGS AND GARAGES (4), $4000 each; 3040, 3080, 3088, 3087 Carmen; owner, William C Albany.

DWELLING, $4000; 1608 Hazelwood; owner, Wm Harlan

GARAGE AND LIVING UNIT, $3000; 145 Yosemite; owner, Arthur B Johnson.

DWELLING, $3000; 1112 Plumas; owner, Edw C Allison.

ADD TO DWELLING, $1500; 831 C St; owner, C Moro.

ALTER DWELLING, $700; 1025 Orchard; owner, C E McDonald.

GARAGE, $600; 2234 Princeton; owner, Kenneth Kasson.

BUILDING CONTRACTS

SAN FRANCISCO

AUTO SALES and service building, concrete.
W MISSION ST 524.238 S Onondaga.
Owner—Priola Brothers.
Architect—Not Given.
Contractor—Carrico & Gautier, 365 Ocean Avenue.
Filed and Dated, ...
Payments not given.
TOTAL COST, $49,595.00
Specifications filed Feb 28, 1946.

SAN MATEO COUNTY

BUILDING, one-stroy and basement LOTS 25 to 32, incl, Block 5, San Bruno Park 5th Addn, San Bruno.
Owner—Pacific Telephone & Telegraph Company.
Architect—Harry A Thomsen, Jr, 315 Montgomery St, San Francisco.
Contractor—Dinwiddie Constr Co, 210 Crocker Bldg, San Francisco.
Filed, March 4, 1946. Dated, ...
Completion of reinforced concrete work $6,000
Completion of work........................ 6,000
TOTAL COST, $12,000
Bond, $............; Sureties, Pacific Indemnity Co., Los Angeles. Limit, 130 calendar days.

Plumbing Permits

OAKLAND

1015 7th St; owner, Du Pree; dealer, A McDougall; 9 fixtures.

510 Chestnut St; owner, Merritt Food Produce; dealer, E Maloney; 5 fixtures; 2 gas outlets

801 98th Ave; owner, Gesbey-Conley; dealer, J A Fazio; 10 fixtures; 3 gas outlets.

745 72nd Ave; owner, J M Walker; dealer, J A Fazio; 5 fixtures; 3 gas outlets.

1429 105th Ave; owner, Matheny Sash & Door Co; dealer, F Neadhood; 2 fixtures.

5929-37 MacArthur; owner, John J Moore Co; dealer, Nearhood; 7 fixtures; 4 gas outlets.

2960 Chapman St; owner, Melrose Sheet Metal Co; dealer, Chas Smith; 1 gas outlet.

2605 90th Ave; owner, Dr Hess; dealer, N Priveati; 3 fixtures.

3418 Magnolia: owner, Shakey; dealer, Gernhardt & Strohmaier; 2 gas outlets.

6031 Adeline St; owner, Andrew & Blum; dealer, H R Anderson; 7 fixtures

1370 104th Ave; owner, Andrew Duncan; dealer, E Wittorff; 3 fixtures; 3 gas outlets.

9th Ave and E 14th St; owner, E F Laulhes; dealer, F J Madden; 7 fixtures.

368 Adams St; owner, Manuel Rose; dealer, F J Madden; 4 fixtures.

3332 Foothill Blvd; owner, ...; dealer, O Hanson; 5 fixtures.

379 30th St; owner, Hall; dealer, J Althouse, 20 fixtures; 4 gas outlets.

BERKELEY

1938 Marin; owner and dealer, Wm McLaughlin; sprinkler system.

1445 Fairview; owner, Beal; dealer, H Sagno; w closet; w basin; shower.

2708 Webster; owner, Lacey; dealer, Geo Stoddard; w closet.

1490 Acton; owner, A Emke; dealer, H P Murphy; w closet; w basin; w tub; shower.

809 Delaware; owner, T C Townsend; dealer, Al Ferreria; b tub; drain; shower.

2111 Shattuck; lessee, Dave Neilson; dealer, Al Ferreria; sink.

1204 9th St; owner, J M Shuffer; dealer, Al Ferreria; 2 w closets; 2 w basins; sink..

1344 Lincoln; owner, V Bender; dealer, Al Ferreria; w closet; b tub; w basin; sink; w tub.

1926 El Dorado; owner, J M Evans; dealer. Al Ferreria; w closet; w basin.

652 Arlington; owner, Keis; dealer, J H Jevons; w closet; w basin.

Furnace Permits

OAKLAND

4170 Rifle Lane; owner, Cavanaugh dealer, Tancredy; central.

4168 Bayo; owner, R Banks; dealer, Tancredy; floor furnace.

348 38th St; owner, Ramondi; dealer, Atlas Htg & Vent Co; floor.

4687 Hanover; owner, Schwartz; dealer, Atlas Htg & Vent Co; central furnace.

3045 Seminary; owner, Nichelson; dealer, Durant; floor furnace.

Completion Notices

SAN FRANCISCO

Recorded Accepted

March 5, 1946—509-11-15-17 MONTEREY Blvd. Con T Shea to whom it may concern.........................March 5, 1946

March 11, 1946—1431 42nd AVE. Thomas E Mohler, Jr to whom it may concern.................March 9, 1946

March 8, 1946—S TARA and Niagara Ave; SW Niagara Ave 53 SE Tara. The Ruegg Co to whom it may concern........March ......, 1946

Feb 25, 1946—S DELONG and NW curved Santa Cruz Ave; S Delong 78.62 W from NW curved Santa Cruz Ave. Eugene Vignati and F C Frank to Vignati and Frank.........................February 25, 1946

ALAMEDA COUNTY

Recorded Accepted

March 11, 1946—LOT 15 Blk 14, San Pablo Park, Berkeley. J M Walked to whom it may concern.........................March 5, 1946

March 9, 1946—2707-2709-11-15-17-19 FRUITVALE Ave, Oakland. Emma Falch to whom it may concern.........................March 8, 1946

March 9, 1946—PTN LOT 38, map 68th Ave Acres, Oakland. Leo T and Aileen R Byrne to whom it may concern.................March 5, 1946

March 8, 1946—HORTON ST and Santa Fe Ave, Emeryville. Pacific Tele & Tel Co to Bay Cities Asbestos Co, Ltd.........Feb 28, 1946

March 8, 1946—4126 MIDVALE Ave Oakland. Thomas and Beatrice E Convery to Sundberg & Eveleth ....March 7, 1946

March 9, 1946—LOTS 30, 31 and 32 Tract 717, San Leandro. Sol and Nettie M Scherman to whom it may concern.................March 6, 1946

MARIN COUNTY

Recorded Accepted

March 8, 1946—SYCAMORE Village near Mill Valley. Marin Capital Co to GoheenConstr Co (two) dwellings).........................March 6, 1946

March 7, 1946—NEAR ALTO and Tiburon Highway. L H Thomsen to whom it may concern...... ....March 2, 1946

March 8, 1946—TAMALPAIS Valley, near Mill Valley. Neil and Jean Martin to whom it may concern.........................March 6, 1946

MONTEREY COUNTY

Recorded Accepted

March 8, 1946—TWO ACRES located in Shippers Development Co ppty, SE of Salinas. Terven Prod Co to Vern R Huck......March 1, 1946

March 8, 1946—LOT 34 Blk 5 H C Hanson Sub, near Salinas. Hiram G Matthews to whom it may concern.................March 7, 1946

Liens Filed

ALAMEDA COUNTY

Recorded Amount

March 9, 1946—PTN LOTS 3 and 4. Toler Homestead Subdiv, Oakland. Universal Glass & Mirror Co, $70.70; Melrose Bldg Material Co, $54; Consolidated Steel Fabricators, $403.61, vs Wesley W and Stella Bill, Wm G and Mary C Lopachuk, Henry F Geistfeld (3 liens) ....

SAN MATEO COUNTY

Recorded Amount

March 9, 1946—LOT 1 BLOCK 11, Howard Park, San Carlos. Sidney Larwence dba Lawrence Tile Co vs Tom Strand $275.00

Non-Responsibility

SAN FRANCISCO

March 11, 1946—22 SEVENTH ST. Odd Fellows Hall Assn of San Francisco as to improvements on property.

ALAMEDA COUNTY

March 8, 1946—PTN LOT 5 BLK G, Fountain Place, Oakland. The Linda Vista Co as to improvements on property.

March 9, 1946—1507 WEBSTER St, Alameda. Chas C Volberg Co as to improvements on property.

Release of Liens

SAN MATEO COUNTY

Recorded Amount

March 4, 1946—LOT 7 Blk 36, Amd map of Town of San Carlos. S G Reaves Shingle Co to Theodore Keelin and Skinner & Pearson.. ....$196.24

Electrical Permits

SAN FRANCISCO

9670 916 Natoma; owner, Thiesen & Carry; contractor, Quality Electric; motors.

9671 916 Natoma; owner, Economy Advertising Co; contractor, Quality Electric; 20 outlets; 4 switches; 10 plugs; service; motors.

9672-73 109-115 Parque St; owner, The Ruegg Co; contractor, MacCabe Electric Co; 14 outlets; 10 switches; 16 plugs; service.

9674 2375 Folsom; owner, Clark Truck Co; contractor, MacCabe Electric Co; service; motors.

9675 1429 Valencia; owner, Dunn Roofing; contractor, Weber & Conroy; ....

9676 2895 Fillmore; owner, Wayne Peters; contractor, Weber & Conroy; 5 outlets; 3 switches; 5 plugs.

9677 1541 Haight St; owner, Charlie's Market; contractor, P & J Electric Co; 2 plugs.

9678 312 Mason; owner, Virginia Hotel; contractor, Frank J Klimm; ....

9679 723 Lincoln Way; owner, Wm McVay; contractor, E A Koenig; 5 plugs.

9680 594 Elizabeth; owner, Fazio; contractor, Crown Electric; ....

9681 676 Mission; owner, Cassidy; contractor, Crown Electric; ....

9682 25 Tehama; owner, San Francisco Foundry; contractor, Atlas Elec & Eng Co; ....

9683 348 Church; owner, National Carpet Cleaning; contractor, Atlas Elec & Eng Co; alterations.

9684 151 Powell St; owner, Back Stage; contractor, Atlas Elec & Eng Co; ....

9685 423 Ellis St; owner, Cofman; contractor, B J Doherty; 25 outlets; 5 switches; 4 plugs

9686 E 48th Ave 100 N Rivera; owner, Pacific Coast Construction Co; contractor, B J Doherty; ....

9687 E 27th Ave 50 S Quintara; owner, Pacific Coast Construction; contractor, B J Doherty; ....

9688 1482 Sutter St; owner, ———; contractor, Frank F Goodman; 3 outlets; 4 plugs.

9689 230 26th Ave; owner, ———; contractor, Frank F Goodman; 12 outlets; 10 switches; 12 plugs; service

9690 612 Clement St; owner, ———; contractor, Frank F Goodman; ———

9691 330 Front St; owner, ———; contractor, Frank F Goodman; alterations

9692 425 2nd St; owner, ———; Frank F Goodman; ———

9693 437 Kearny St; owner, ———; contractor, Frank F Goodman; 4 outlets; 6 plugs.

9694 4801 Geary St; owner, ———; contractor, Frank F Goodman; ———

9695 1894 36th Ave; owner, Morton Rudde; contractor, Associated Elec & Mech Co; 19 outlets; 20 switches; 21 plugs; service.

9696 2801 26th St; owner, Liberty Machine & Pole Line Co; contractor, Weidenthal-Gosliner; ....

9697-98 Various locations and owners; contractor, Electrical Products; sign.

9699 1213 Ocean Ave; owner, Stegman; contractor, Byington Electric; ....

9700 306 Lombard; owner, Lozio; contractor, Byington Electric; ....

9701 147 Monticello; owner, Hancock; contractor, Arc Electric Co; 11 outlets; 11 switches; 15 plugs.

9702 135 Lee Ave; owner, Mancuso; contractor, Arc Electric; ....

9703 3951 Washington St; owner, Traina; contractor, Columbia Electric Co; 3 outlets; 3 switches; motors.

9704 1306 Francisco; owner, Brucia; contractor, Columbia Electric; 4 outlets; 4 switches; 5 plugs

9705 2076 Vallejo; owner, Fleischman; contractor, Columbia Electric; 4 outlets; 4 switches; 6 plugs.

9706 340 Stockton; owner, Drake-Wiltshire Hotel; contractor, Chas A Langlais Co; 104 outlets; 43 switches; 77 plugs.

9707 2151 Lombard; owner, Fox; contractor, Edison Elec Const Co; motors.

9708 1969 Union; owner, Bothy; contractor, Edison Elec Const Co; 20 outlets; 4 switches; 3 plugs; service; motors.

9709 E 20th Ave 250 N Taraval; owner, Doelger; contractor, Richmond Electric; service.

9710 W 20th Ave 120 S Santiago; owner, Doelger; contractor, Richmond Electric; service.

9711-15 2354-56, 2358-60, 2362-64, 2319-21, 2315-17 20th Ave; owner, Doelger; contractor, Richmond Electric Co; 16 outlets; 16 switches; 16 plugs; service.

9716-19 2346-48, 2350-52, 2366-68, 2370-72 21st Ave; owner, Doelger; contractor, Richmond Electric Co; 16 outlets; 16 switches; 16 plugs; service

9720 2348-50 22nd Ave; owner, Doelger; contractor, Richmond Electric; 16 outlets; 16 switches; 16 plugs; service.

9721 NW corner Geary Blvd and 19th Ave; owner, Capital Co; contractor, Geo F Brayer; service.

9722 228 Powell; owner, New Powell; contractor, G H Armstrong Electric; alterations.

9723 14th Ave and Taraval; owner, Standard Oil Co; contractor, Associated Elec & Mech Co; 13 outlets; 2 plugs; motors.

9724 585A Market St; owner, Rosenthal; contractor, Associated Elec & Mech Co; 2 outlets.

9725-40 Various locations and owners; contractor, Apex Electric; sign.

9741 NE corner Blake and Geary Sts; owner ....; contractor, Galvin Bros; ....

9742-45 Various locations and owners; contractor, Q R S Neon; signs.

9746 526 California; owner, San Francisco Bank; contractor, Central Electric; 22 outlets; 15 switches; 13 plugs

9747 62 1st St; owner, Morris, Beggs & Simpson; contractor, Central Electric; alterations.

9748 62 1st St; owner, Bert Sampson; contractor, Central Electric Co; 2 plugs; motors; alterations

9749 1908 Sutter St; owner, ...; contractor, Central Electric; 2 plugs.

OAKLAND

36038 836½ Portwood; owner, Joe Krail; contractor, Gos Elec Shop; 4 outlets; 4 switches; 4 fixtures; 4 plugs.

36039 2048 E 21st Street; owner, Kuchmyron; contractor, Shea Elec; alterations.

36040 Ferry and Pier Sts; owner, General Petroleum Co contractor, Del Monte Elec Co; alterations.

36041 26th Ave and E 14th St; owner, Willis F Lynn; contractor, Del Monte Elec Co; outlets; switches; fixtures; plugs; motors.

36042 6710 E 14th Street; owner, White Castle Ice Cream Co; contractor, Del Monte Elec Co; motors.

36043 4th and Webster; owner, Magnin; contractor. T L Rosenberg Co; outlets; switches; fixtures; alterations.

36044 3217 Linden St; owner, College Laundry; contractor, T L Rosenberg; 2 outlets; motors.

36045 420 Franklin St; owner, Bonora; contractor, T L Rosenberg; outlets; fixtures.

36046 2278 E 14th Street; owner, Leader Auto Supply; contractor Clifford Electric; signs.

36047 500 N 7th St. on Ferry St; owner, Soule Equipment; contractor Clifford Elec; 20-hp. motor.

36048 6001 Foothill; owner, Kang; contractor, Clifford Elec; outlets; switches; plugs.

36049 3142 San Pablo Ave; owner, Leader Auto Parts; contractor, Clifford Elec; sign.

36050 310 Webster; owner, Ghiselli; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

36051 1326 Broadway; owner, Shane's Jewelry; contractor, Clifford Elec; repairs.

36052 3111 California Street; owner, Nordstrom; contractor, Dimond Elec; 1 outlet; 1 switch; 1 plug.

36053 1427 23rd Ave; owner, Coney Island Restaurant; contractor, Dimond Elec; 3 outlets.

36054 7830 Alder St; owner, L H Lester; contractor, Special Owner; alterations.

36055 4441 Hyacinth; owner, Little; contractor, James Anderson; 3 outlets.

36056 5814 Merrlewood Dr; owner, Wilde; contractor, Deldrick Electric Co; range.

36057 265 E 12th St; owner, Turlock Apts; contractor, Scott-Buttner Elec Co; 2 outlets; 2 fixtures.

36058 1724 Market Street; owner, Drummond & Peters; contractor, Scott-Buttner Elec Co; motors.

36059 5921-23 Shattuck; owner, Whalen; contractor, Paramount El Co; 14 outlets; 10 switches; 14 fixtures; 22 plugs.

36060 NE East 1t2h and 54th Ave; owner, Gallaway; contractor, Shea Elec Co; outlets; switches; fixtures; plugs; alterations.

36061 462 37th St; owner, A Martin; contractor, Shea Electric Co; outlets; switches; alterations.

36062 220 Crossroads; owner, Henrickson; contractor, Clifford Electric Co; outlets; switches; fixtures; pl.

36063 345 63rd St; owner, Beckett & Federighi; contractor, Clifford Elec Co; outlets; switches; fixtures plugs.

36064 209 Marlow Dr; owner, Patterson; contractor, Clifford Electric Co; outlets; switches; fixtures; pl.

36065 201 Santa Rosa; owner, Home Modern Co; contractor, Clifford Elec Co; outlets; switches; fixtures; plugs; alterations.

36066 9641 Plymouth; owner, Doe; contractor, Clifford Electric Co; 5 outlets; 7 switches; 5 fixtures; 10 plugs.

36067 2139 108th Ave; owner, Tisher; contractor, Johnston Electric Co: outlets; switches; fixtures.

36068 583 Capistrano Ave; owner, Schultz; contractor, Johnston Elec Co; range.

36069 1560 Broadway; owner, Younger; contractor, Johnston Elec Co; outlets; switches; fixtures; pl: alterations.

36070 9884 MacArthur Blvd; owner, Holms; contractor, Johnston El Co; outlets; switches; fixtures; pl.

36071 4935 Shattuck Ave; owner, Sarks Food Store; contractor, C A Langlais; 3 fixtures.

36072 Foot of Adeline St; owner, Eldorado Oil Co; contractor, California Elec Co; motors.

36073 4332 Broadway; owner, Herman; contractor, California Electric Co; outlets; service.

36074 10491 Edes Avenue; owner, Spivock; contractor, Paramount El Co; fixtures.

36075 707 Carlston; owner, Johnston; contractor, Paramount Elec Co; outlets; switches; fixtures; pl.

36076 4th and Jackson Sts; owner, Stolte, Inc; contractor, Del Monte Elec Co; service.

BERKELEY

65708 1747 Solano; owner. Gersh Portraits; contractor, U C Electric; 1 sign.

65709 1998 Shattuck; owner, Sam Neider; contractor, Neon Maintenance Corp; 11 transformers.

65710 2978 Sacramento; owner, King Market; contractor, Burke & Payne; 1 motor.

65711 3116 Ellis; owner, A Wilson; contractor, Burke & Payne; 8 outlets; 6 switches; 7 plugs; 2 circuits.

65712 2057 Center; owner, ...; contractor, Burke & Payne; 1 motor.

65713 2154 San Pablo; owner, ...; contractor, Thompson & Hickox; 4 outlets; 3 switches; 2 plugs; 2 circuits.

65714 1240 Peralta; owner, O H Pitts; contractor, Timmons-Burke; 3 outlets; 2 switches; 3 fixtures; 3 plugs.

65715 1140 Cedar; owner, ...; contractor, California Furnace Co; 1 motor.

65716 1733 Hearst; owner, R D Dutton; contractor, Havens & Woode; 9 switches; 3 plugs.

65717 1514 Curtis; owner, W M McCloud; contractor, Jones Electric; 5 outlets; 3 switches; 5 fixtures; 7 plugs; 2 circuits.

65718 88 Parnassus; owner, Dr Robt A Stewart; contractor, Jones Electric; 6 outlets; 6 switches; 6 fixtures; 8 plugs; 2 circuits.

65719 2848 Telegraph; owner, ...; contractor, Jones Electric; 35 fixtures; 1 motor.

65720 1297 Hopkins; owner, ...; contractor, Jones Electric; 1 outlet; 1 switch; 2 plugs; 6 circuits.

65721 1440 Ashby; owner, C Meadows; contractor, Preston Jones; 2 outlets; 1 switch; 2 fixtures; 2 plugs; 2 motors.

65722 1524-26 Spruce; owner, Isle Schultz; contractor, Jones Electric; 16 fixtures.

65723 1006 Pardee; owner, Oliver & Coburn; contractor, Jones Electric; 10 fixtures.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Machinery and Equipment	43

42— MISC. SUPPLIES AND MATERIALS

3/12/46 • 42
BIDS WANTED

PARKER DAM POWER PROJECT, California.—Until April 3, 2 P. M., bids will be received at the office of the Bureau of Reclamation, Denver, Colo., under Spec. 1228 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Earp, Calif., at the option of the bidder, aluminum railings and curbs, including stringer covers, fittings, screws, expansion anchors, miscellaneous steel and all other accessories for the Parker power plant, Parker Dam Power Project, California. All materials will be installed by the government No charge for copies of the specifications to prospective bona fide bidders; to others, $0.75, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colo.

3/12/46 •• 42
BIDS WANTED

CENTRAL VALLEY PROJECT, California.—Until March 27, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Inv. D-33,278-A for furnishing electrical equipment, f.o.b. shipping point and/or Tracy (items 1, 2, 10 and 11); Sacramento (items 3, 4, 5, 6, 12 and 13), and Coram (items 7, 8, 9 and 14), as follows:

Schedule No. 1

(1) 6 each coupling capacitors with potential devices with carrier-current accessories for Delta pumping plant;
(2) 3 each do without carrier-current accessories for Delta pumping plant;
(3) 4 each do with carrier-current accessories for South Sacramento substation;
(4) 2 each do without carrier-current accessories for South Sacramento substation;
(5) 4 each do with carrier-urrent accessories for North Sacramento substation;
(6) 2 each do without carrier-current accessories for North Sacramento substation;
(7) 2 each do with carrier-current accessories for Keswick power plant;
(8) 4 each do without carrier-current accessories for Keswick power plant;
(9) 1 each coupling capacitor with carrier-current accessories for Keswick power plant;

Schedule No. 2

(10) 1 each line trap, double frequency, 800-ampere, for Delta pumping plant;
(11) 4 each line traps, single frequency, 800-ampere, for Delta pumping plant;
(12) 4 each line traps, single frequency, 800-ampere, for South Sacramento substation;
(13) 4 each line traps, single frequency, 800-ampere, for North Sacramento substation;
(14) 3 each line traps, single frequency, 800-ampere, for Keswick power plant.

Specifications obtainable from the above office.

3/12/46 •• 42
BIDS WANTED

SAN FRANCISCO.—Bids will be received by the U S Department of Agriculture, Forest Service, 447 Sansome St., San Francisco 11, for furnishing materials as follows:

March 20, 2 P. M.

Bid No. 376: 100 rubber floor mats, f.o.b. Stockton.

Bid No. 377: clearance lights, f.o.b. Stockton.

March 21, 2 P. M.

Bid No. 375: corrugated fibre boxes, f.o.b. Redding.

Specifications obtainable from the above office.

3/12/46 •• 42
BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until March 20, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Room 406, 512 16th St., Oakland, under LS-351 for furnishing 61,000 lin. ft. of cast iron pipe, diameters 10- to 20-in., for distribution system, f.o.b. bidder's shipping point.

Bids will be taken as follows:
(1) 8000 lin. ft. 10-in. diameter class 150 bell and spigot cast iron pipe;
(2) 20,000 lin. ft. 12-in. do;
(3) 25,000 lin. ft. 16-in. do;
(4) 8000 lin. ft. 20-in. do;

Specifications obtainable from the above office.

3/12/46 • 42
BIDS WANTED

SAN FRANCISCO.—Until April 1, 2 P. M., bids will be received by the U. S. Treasury Department, 821 Market St., San Francisco 3, under Bid No. SF-2831-46 for mess kit equipment fob San Francisco.

43— MACHINERY AND EQUIPMENT

3/12/46 •• 43
COMPLETE BIDS

COLUMBIA BASIN PROJECT, Washington.—As previously reported, Pelton Water Wheel Co., 2929 19th St., San Francisco, at (Sched. I) $724,325, (Sched. II) $1,049,325, submitted low bid to Bureau of Reclamation, Custom House, Denver, Colo., for (1) furnishing assembly and detail drawings, model tests and a report of approved drawings, and (2) furnishing and delivering f.o.b. cars at shipping point or f.o.b. cars at Odair, Wash., either four or six vertical-shaft, centrifugal pumps, each having a capacity of not less than 1350 cu. ft. per second at a total pumping head of 310 ft. and a speed of 200 f.p.m., for installation at Grand Coulee pumping plant, Columbia Basin Project, Washington; Specification No. 1128.

The bids submitted were:

Pelton Water Wheel Co., San Francisco, (Sched. 1) model $34,325, total $724,325; (Sched. 2) total $1,049,325, f.o.b. San Francisco.

Newport News Shipbuilding & Dry Dock Co., Newport News, Va., (Sched. 1) model $18,000, total $803,000; (Sched. 2) total $1,168,000, f.o.b. Newport News, Va.

Allis-Chalmers Manufacturing Co., Milwaukee, Wis., (Sched. 1) model $30,500, total $986,500; (Sched 2) total $1,430,000, f.o.b. Milwaukee.

Worthington Pump & Manufacturing Corp., Harrison, N. J., (Sched 1) model $46,100, total $1,194,810; (Sched. 2) total $1,664,363, f.o.b. York, Pa.

3/12/46 • 43
CONTRACT AWARDED

COLUMBIA BASIN PROJECT, Washington.—The Consolidated Steel Corp., Los Angeles, at $575,000 f.o.b. destination, awarded contract by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1122 for furnishing and delivering nine 15 by 29.65-ft. penstock coaster gates for installation at Grand Coulee Dam, Columbia Basin Projct, Washington, f.ob. shipping point and/or Odair, Wash.

3/12/46 •• 43
BIDS WANTED

GRAND COULEE DAM, Washington.—Until April 10, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. 1225 for furnishing and installing electric elevator for block 64, Grand Coulee Dam, Columbia Basin Project, Washington. The work is situated at Grand Coulee Dam, Washington.

The work consists of furnishing and installing a 10,000-lb. capacity, electrically operated passenger elevator; eight hoistway doors, door operating devises and frames for landing entrances, and four door-operating devices. Completion time 450 calendar days. Bidder's guarantee of 10% to accompany each bid.

Plans and specifications may be obtained from the above office upon payment of $1.75 per copy, not returnable.

3/12/46 •• 43
BIDS WANTED

COLUMBIA BASIN PROJECT, Washington.—Until April 15, 2 P. M., bids will be received at the office of the Bureau of Reclamation, Denver, Colo., under Spec. 1235 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Odair, Wash., at the option of the bidder, two 350-ton double-trolley, motor-operated overhead traveling cranes for the Grand Coulee power plant, Columbia Basin Project, Washington. The cranes will be installed by the government. No charge for copies of the specifications to prospective bona fide bidders; to others, $2, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colo.

3/12/46 • 43
BID OPENED

SAN LUIS OBISPO, Calif.—A. E. Tomasini, 1922 Johnson Ave., San Luis Obispo, at $4 per day; $18 per week; $40 per month, submitted only regular bid to the State Division of Highways, L. H. Gibson, district engineer, 50 Higuera St., San Luis Obispo, for rental of one 69 to 80-lb. jackhammer for not to exceed 30 days, in San Luis Obispo county .

Classified Advertising

POSITION WANTED

Experienced ARCHITECTURAL DRAFTSMAN wants part-time work. Exper. in making sketches, floorplans, working drawings, details, etc., for residential, commercial or industrial work. Reply Box 37, c/o Daily Pacific Builder. 3/7-8-11-12/46

EXPERIENCED SPECIFICATION TYPIST desires temporary work. Write or wire Lillian Price, 1277 Spruce St. Berkeley. 3/12-13-14-15/46

WANTED

DRAFTSMAN wanted. Apply to John Hudspeth, Architect, with samples of work. 427 13th St., Oakland. *

WANTED

Experienced ARCHITECTURAL DRAFTSMAN. Call for an interview. F. H. Reimers, A.I.A., 79 Post St., San Francisco.

HELP WANTED

Experienced SALESMAN for RESIDENTIAL MODERNIZING, capable of meeting public, planning jobs and supervising crews. Location East Bay. Call THornwall 0620, ask for Mr. Moran. to 2/13/46

EXP. SUPT. on INDUSTRIAL and COMMERCIAL CONSTR. Excellent opportunity for right man. Phone SUtter 8266. (to 3/12/46)

HELP WANTED

EXPERIENCED ARCHITECTURAL DRAFTSMAN. Phone GArfield 1760. to 3/15/46

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Fifty-sixth Year—Vol. 56—No. 50 SAN FRANCISCO, WEDNESDAY, MARCH 13, 1946 PRICE 15 CENTS PER COPY

PLANS and Speculations

Martinez: County officials are reported seeking acquisition of from 35 to 50 dwellings to relieve the housing shortage for veterans. Warren Harrold, county housing director, has been instructed by the Board of Supervisors to investigate possibility of obtaining units adjacent to Buchanan Field, under a federal-state grant.

oOo

Watsonville: The state highway commission and seven highway engineers are slated to make a survey of proposed highway improvements in southern Santa Cruz county and northern Monterey county on March 21. Particular interest will be paid to the proposed new bridge over the Pajaro river in this city.

oOo

San Mateo: Plans for construction of an estimated $100,000 South San Mateo branch post office to serve an anticipated 30,000 residents in the south end during the next ten years, were revealed last week by Postmaster Edward J. Carrigan. Postal inspectors are scheduled to make an early survey of possible locations and will make recommendations for needed facilities.

oOo

San Jose: Nearly 2000 acres northeast of this city and 746 acres southeast have been recommended for industrial zoning by a six-man committee representing the city and County Planning Commission and the Chamber of Commerce industrial committee. Thos. L. Mitchell is chairman of the subcommittee, and Russell E. Petit, chamber of commerce manager and representative.

oOo

San Francisco: More than 1,000 men will be employed in construction of the proposed Folsom Dam, Army engineers estimate. Peak employment during the three-year period required to complete the project will be nearly 2,500.

oOo

Alameda: Opening of a manufacturing plant of Pumice Industries was anticipated in this city by the chamber of commerce who announced that three acres of land on Webster street north of the Posey Tube have been leased by the company.

American Anode, Inc. Announces Plans For L. A. Plant

American Anode, Inc., of Akron, Ohio, will construct a manufacturing and processing plant in Los Angeles, it is announced by B. F. Stauer, Anode president. The new plant, to be erected as rapidly as possible, is expected to be in operation late this year.

Equipped to make latex mixes for use in the manufacture of all types of latex products such as rubber-covered metals, rubber sundries, cord dipping, paper and textile coating and impregnating, casting and molding, the new unit will serve the west coast in this field, the company announcement states.

"All types of rubber, synthetic rubber and plastic latices will be made available through the addition of this new facility and will be manufactured in quantities ranging from drums to tank cars."

The new Anode plant will be constructed in East Los Angeles near the factories and offices of The B. F. Goodrich Company on Olympic Blvd. and Pacific Avenue.

RETURN AIRPORT BIDS UNOPENED

Bids were returned unopened to contractors yesterday by the Public Utilities Commission, Rm. 287, City Hall, on San Francisco Airport Contract No. 82 for airport extension fill, pavement and related construction.

Reason given was that recently negotiated contracts between contractors and labor unions created a rise in labor cost not included in the bids submitted.

A new bid opening date will be announced soon.

For Better Building . . .
1946 EDITION UNIFORM BUILDING CODE

The 1946 Edition of the Uniform Building Code, scheduled for publication January 1, 1946, is now off the press. It contains many important and far-reaching changes which have been approved at Annual Conventions of the Pacific Coast Building Officials Conference since publication of the 1943 Edition. There are revised provisions concerning administration, heavy timber construction, masonry, stairs and exits, chimneys, vents, fireplaces, motion picture projection rooms, and heating appliances. For the first time, a chapter on prefabricated construction has been incorporated in the Code, as well as new sections regulating glued construction.

In making these extensive revisions, the Conference answers the insistent public demand for a building code that is modern enough to recognize new materials and elastic enough to permit new uses of old materials. The accepted policy of the Conference of specifying the results desired has been followed throughout, with the single exception of the limiting dimensions of masonry-bearing walls specified in Chapter 24. Here, definite dimensions are specified for the use of the architect or engineer who desires to use time-tested construction; but Code specifications do not suppress the ingenuity and imagination of the designer who wishes to depart from the conventional, as long as he does not depart from structural stability.

Following are a few "highlight" changes and revisions.

Chapters 1 to 4 on Administration have been entirely rewritten to conform to modern practice.

Complete revision has been made in Chapter 24, on Masonry. The Building Official will find it necessary to forget the chapter on masonry in the 1943 Edition and familiarize himself with a new set of regulations.

Sections 2526 to 2530 of Chapter 25 introduces detailed regulations on glued structural lumber. Tests for glues are specified, both for interior uses and for conditions of exposure. The methods of construction are specified, and the allowable stresses and methods of design are regulated.

The material formerly found in Chapter 37 has been revised and divided into two chapters: Chapter 37—Chimneys, Vents, and Fireplaces, and Chapter 51 (in the Appendix)—Heating Appliances.

Chapter 50 is a new chapter covering prefabricated construction. It provides for a certificate of approval by an approved testing agency, except where a prefabricated assembly is accessible for inspection at the site. A prefabricated assembly must be designed to resist the loads specified in Chapter 23.

Chapter 51 (Appendix) contains material on heating appliances, formerly found in Chapter 37. Additional regulations are included for floor furnaces, attic furnaces, commercial gas ranges, large boilers, domestic water heaters, construction of warm air ducts, and the performance standards of the appliances.

Copies of the Uniform Building Code may be obtained from the Colling Publishing Co., 124 West Fourth St., Los Angeles 13, Cal., at the following rates: for non-members of Pacific Coast Building Officials Conference, cloth-bound, $3.00 each; paper, $2.50. Prices for quantity lots, and prices of copies for members of the Pacific Coast Building Officials Conference may be obtained by writing the Colling Publishing Co.

A copy of the Uniform Building Code is on file at the offices of Daily Pacific Builder.

#

ARCHITECTURAL RECORD SCORES ANOTHER 'FIRST'

The March issue of "Architectural Record" adds to an already long list of editorial "firsts"—the first analysis of perhaps the most successful master planning ever done by school architects: a school development in California designed by Ernest J. Kump Co., San Francisco. The same Building Types study features the **first** finished postwar schools to appear in any architectural magazine; the **first** use by the Kump firm of the new square-type classroom; the **first** fully-developed outdoor classroom, and one of the first introductions of radiant heating in a school in California.

In April the "Record" will carry an extended presentation of New York State's **first** serious project embodying the so-called "California Classroom" in a 2-story building.

GROOVER AND I

OVERSEAS MAIL

To My Son
Naha, Okinawa
Dear Son:

We are thinking of you, just as thousands of other parents are thinking of their sons who are watching the calendar in various and scattered spots around the world.

* * *

I know it is especially tough on all of you boys on Okinawa which has been by-passed. The parade has moved on and your island is the hole in the doughnut. Even though time may drag for you, we at home know it is slowly passing, as we, too, are watching the calendar.

* * *

I have told you that the demobilization program has been progressing as rapidly as can be expected. Here are some figures: The peak strength of the Army was something over seven million men. On March 1, the War Department estimated there were 2,670,000 men in the service. The Federal payroll, at last report, carried 2,946,947 persons. This means at the present time there are more civilians on the U. S. payroll than there are men in the Army.

* * *

Here at home most of the activity is on the labor front. Wage adjustments follow a general platform of an 18c per hour increase over the wartime rate. Trouble is, as soon as one strike is settled, another one starts.

* * *

Perhaps this is because there may be more excitement on a picket line than on a production line. I have only one suggestion to make: Run the straight time work day from midnight until 8 A.M., then overtime from 8 A.M. to 4 PM. In this way, the boys could strike on straight time and work the overtime. This would give every [illegible] the PLEASURE of a strike and the BENEFIT of a day's work per each day.

* * *

Seriously, your Nation may have a lot of bumps and bruises but it is still the best Country anywhere in the world today. The Republic you are now serving still has strength and vitality. There may be loose joints and squeaky gears but it will be for you boys now coming home to take over, get the machine back on the track and in running order.

* * *

Just remember that for every soldier who wants to come home, there is a Wife, Mom, or Dad who is anxiously awaiting his return. I am one of them.

With love,
YOUR DAD.

New Wage Stabilization Laws Go Into Effect Saturday

A warning to employers that Friday is the deadline for putting unapproved wage increases into effect without waiving their right to use them subsequently for requesting price relief was issued today by Thomas Fair Neblett, Chairman of the Tenth Regional Wage Stabilization Board.

"We want all employers to understand clearly that we will not be able to act on unauthorized increases made after March 15," Neblett said.

"After March 15 an employer must secure prior approval of a wage increase from the WSB if he intends to use it in asking price relief. If he puts it into effect first, then he waives his right to ask such approval for the duration of the wage stabilization laws."

Neblett said that the Stabilization Administrator has authority to make exceptions to this general rule, but so far the only exception is for employers of not more than eight. Such firms, providing they are not in the building and construction industry, nor firms in which wages are set by a master contract or similar contracts negotiated on an industry- or area-wide basis, may make wage increases at any time and apply direct to OPA at any time for price relief.

Neblett also warned that firms putting wage increases into effect between February 14, the date of the new wage-price order, and the March 15 deadline must apply to the WSB for approval for pricing purposes within 30 days of the time the increase is first reflected in current payrolls. The WSB has the authority to approve its use for pricing purposes in full or in part, or to deny it.

In cases where the employer is willing to absorb the cost of a wage increase himself, he may increase wages in any amount at any time without seeking any approval, Neblett pointed out. The sole exception to this is the building and construction industry in which all wage increases still must have prior approval, regardless of price aspects.

As for wage decreases, they require prior approval of the WSB in all cases. Employers who put decreases into effect without securing approval are liable to penalty.

#

INCOME TAX DEADLINE FRIDAY AT MIDNIGHT

Income tax returns for the year 1945 must be filed or in the mail before midnight Friday. If you mail them be sure to take them to a post office to insure postmarking prior to midnight.

Engineers Needed For Northwest Bureau Projects

BOISE, Idaho, Mar. 11.—Openings for nearly 165 professional and sub-professional people, chiefly engineers, in Northwest project offices of the Bureau of Reclamation were announced here today. The positions range in salary from $2980 to $4300.

Positions open are in field offices engaged in making studies of potential irrigation and other water developments in Salem, Medford, Walla Walla, Kalispell, and Boise. Needed are civil engineers, hydrologists, geologists, draftsmen, agricultural economists, soils technicians, persons with professional writing experience to handle report writing, and chiefs of engineering survey parties.

Recruiting headquarters, set up last week in Seattle, Spokane and Portland, have filled a number of positions. However, there still are many openings in the above fields, F. Russell Sparks, regional employment officer of the Bureau, announced today.

Although the recruiting headquarters are now closed, applications still are being taken by the project offices. Sparks urged prospective applicants with any of the above qualifications to apply in person or by letter to the project offices in which they are interested. The adresses are as follows: 460 N. High Street, Salem, Oregon; Post Office Building, Medford, Ore. First Avenue and Main St., Walla Walla, Wash.; Box 97, Kalispell, Montana; and Box 2298, Boise, Ida.

Priority in the selection of candidates will be given in the following order: (1) Persons entitled to 10 point military preference; (2) Persons entitled to 5 point military preference; (3) Former Federal employees not entitled to military preference; and (4) Non-preference applicants who are not former Federal employees.

All appointments will be made under section 2, rule 8 of Civil Service Circular No. 549 which governs appointments at the present time. The Bureau is recruiting directly by authorization of the Civil Service Commission so the Commission may devote its entire recruitment and placement resources to the establishment of registers for probational appointment.

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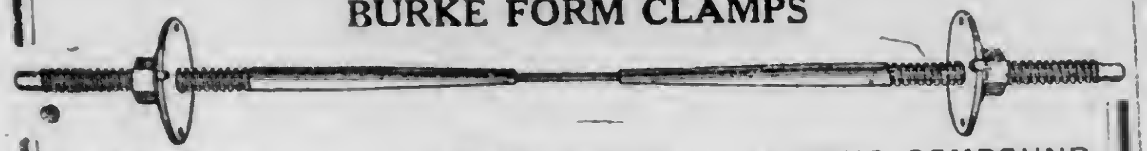

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DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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1-8—COMMERCIAL BLDGS.

3/13/46 4
PLANS BEING FIGURED
SANTA MONICA, Los Angeles Co. Calif.—Maurice Sasso, engineer, 124 W 4th St., Los Angeles ,has completed plans and is taking bids from a selected list of contractors for the construction of two- and part three-additional stories to be administrative and central office building, 1314 7th St., Santa Monica, for the Associated Telephone Co., Ltd. The addition will be of reinforced concrete, Class A construction, 10,350 sq. ft. per floor, total 24,300 sq. ft.; concrete floor and roof slabs, one new elevator (contract awarded), add to existing elevator, extend present heating and ventilating system, steel sash, acoustical treatment, etc. Bids are to be submitted Thursday, March 21, and work is scheduled to start April 1.

3/13/46 • • 4
BIDS IN
OAKLAND, Alameda Co., Calif.—Bids are in and will be held unopened until March 18, 4 P. M., by the Oakland Port Commission, foot of Grove St., Oakland, for furnishing floor covering for interior of airport office building.

3/13/46 • • 4
BIDS IN
OAKLAND, Alameda Co., Calif.—Bids are in and will be held unopened until March 18, 4 P. M., by the Oakland Port Commission, foot of Grove St., Oakland, for painting interior of airport office building.

3/13/46 • 3
STARTING WORKING DRAWINGS
STORE
SAN JOSE, Santa Clara Co., Calif. E Santa Clara St. near 34th Street.
Construction of frame and stucco building (40x100 ft.) to contain two stores; glass block.
Owner—E. H. Seagrave, c/o Arch.
Architect—Gifford E. Sobey, 69 So. First St., San Jose.

3/13/46 3
FIRE LOSS
BERKELEY, Alameda Co., Calif. Fire recently damaged a warehouse adjoining the main building of the Trailmobile Company at Seventh and Gilman Streets, with an estimated loss of $5,000.

3/13/46 •• 7
PREPARING PRELIMINARY PLANS
FARMERS' MARKET
NEAR CUPERTINO, Santa Clara Co., Calif.
Construction of farmers' market consisting of a market building, a packaged liquor store and small restaurant, of frame, stucco and brick veneer and containing about 5000 sq. ft. area.
Owner—Vito Chiala, c/o architect.
Architect—Gifford E. Sobey, 69 S. First St., San Jose.

3/13/46 • 5
PREPARING PRELIMINARY DRAWINGS
RESTAURANT BUILDING
ANTIOCH, Contra Costa Co., Calif. Second St.
Construction of one-story with basement and mezzanine restaurant building, masonry and reinforced concrete constructio.
Ower—Thomas Milan, c/o architect.
Architect—Elizabeth H. Witkin, 2712 Shasta Rd., Berkeley

3/13/46 8
SUB-CONTRACTS AWARDED
RECONSTRUCT BUILDING
Reconstruction of front of retail liquor store, bar and back bar, toilets, office; asphalt tile floor, new plaster vaulted ceiling, indirect lighting, ventilating system, neon lighting, metal marquee.
Owner—Withheld.
Architect—Oscar R. Thayer, 1257 Cabrillo Ave., Burlingame.
Contractor—George T. Robinson, 43 Milan Terrace.
Plumbing and Electric Wiring—F. J. Klimm Co., Inc., 456 Ellis St., San Francisco.
Electric Wiring and Heating—Colan Heating & Sheet Metal Co., 25 Patterson St., San Francisco.
Glass—Habenicht & Howlett, 360 Mission St., San Francisco.
Iron Grille Work—Progressive Wire & Iron Works, 2130 Folsom St., San Francisco.
Brick, Stone Work and Hollow Tile—Harry E. Drake, 666 Mission St., San Francisco.
Hardware—F. G. Norman & Sons, 890 Valencia St., San Francisco.
Painting—Harry Pixton, 785 Templeton St., San Francisco.
Lathing and Plastering — Bradley Plastering Co., 1266 Howard St., San Francisco.
Linoleum—West Coast Linoleum & Carpet Co., 2689 Mission St., San Francisco.

3/13/46 •• 5
WORK UNDER WAY
ALTERATIONS TO BAR
Estimated Cost, $12,000-$13,000
OAKLAND, Alameda County, Calif. Seventh and Washington Sts.
Alterations to bar, including outside tile, plate glass, fluorescent lighting, three sets plumbing, asphaltic tile floor, concrete work, mirrors, interior painting.
Owner—Withheld.
Architect—Guy L. Brown, Bank of Commerce Bldg., Oakland.
Contractor—V. E. Sigge, 3912 Linwood Ave., Oakland.

3/13/46 • 7
STARTING WORKING DRAWINGS
GROCERY STORE
SAN JOSE, Santa Clara Co., Calif. Fourth and Jackson Streets.
Construction of frame, stucco building with brick masonry interior walls, to contain grocery store on ground floor and residence and dentist's office on second floor.
Owner—Dr. James Chan, c/o Arch.
Architect—Gifford E. Sobey, 69 S. First St., San Jose.

3/13/46 •• 8
PREPARING WORKING DRAWINGS
REMODEL STORE Est. Cost, $20,000
ANTIOCH, Contra Costa Co., Calif. Second and G Sts.
Addition and remodeling two-story hardware and paint store, masonry and timber construction.
Owner—Henry Howse, c/o architect.
Architects—Mrs. Elizabeth H. Witkin and Michael Goodman, 2712 Shasta Rd., Berkeley.

3/13/46 • • 4
TO ASK BIDS TODAY
OFFICE BUILDINGS
Approx. Cost, $75,000
SALINAS, Monterey Co., Cal. Owner's site.
Construction of six separate 1-story frame and stucco office buildings.
Owner—Shippers Development, Inc., 101 Highway South, Salinas.
Architect—Chas. E. Butner, 7 Winham St., Salinas.
Plans will go out to bidders today; bid opening date to be announced shortly.
Following contractors are taking out plans:
Stolte, Inc., Casanova Ave., Monterey.
Pacific Builders, 312 East Alisal, Salinas.
Vern R. Huck, Salinas.
Hampshire & Son, 19222 Arminta St., Reseda.

3/13/46 8
SUB-CONTRACTS AWARDED
STORE BUILDING Cost, $15,000
LOS GATOS, Santa Clara Co., Calif.
Construction of reinforced concrete store building and appliance shop display room with glass and vitrolite front.
Owner—Harry Smith, attorney, San Jose.
Architect—Donnel E. Jaekle, Builders' Exchange Building, San Jose.
Contractor—Bridges Constr. Co., 1071 Pine Avenue, San Jose.
Roofing—Valley Roof & Insulation Co., 790 Stockton Ave., San Jose
Plumbing—Fred Berryman and Son, 32 Santa Cruz Ave., Los Gatos.
Glass—LeDeit Glass Co., Box 645, San Jose.
Foundations and Concrete—Bridges Constr. Co., 1071 Pine Avenue, San Jose.
Painting—Geo. H. Smith, 103 Edelen Ave., Los Gatos.

3/13/46 1
PLANNED
REMODEL BANK Est. Cost, $40,000
SAN ANSELMO, Marin Co., Calif. 403 San Anselmo Ave.
Expansion of Bank of America to more than double present size, including remodeling of present building and construction to rear of it expanding floor area from 2100 to 4500 sq. ft., installation of modern fixtures and fluorescent lighting.
Owner—Bank of America, 403 San Anselmo Ave., San Anselmo, Frank P. Theron, manager.

3/13/46 8
STORE BLDG. Est. Cost, $200,000
OAKLAND, Alameda County, Calif. 65th St. and Telegraph Ave.
Construction of building to house retail store and offices for professional men (130x110 ft.).
Owner—H. W. Richardson, c/o Dick's Van & Storage Co., 6526 Telegraph Ave.

3/13/46 •• 8
BIDS POSTPONED UNTIL MAR. 18
BANK Estimated Cost, $65,000
EAST SALINAS, Monterey Co., Calif. Alisal Street.
Construction of one-story reinforced concrete bank building.
Owner — Monterey County Trust & Savings Bank, Alisal Branch.
Architect—Chas. E. Butner, 7 Winham St., Salinas.
Bids scheduled to have been received March 12 have been postponed until March 18 and will be opened March 20 at the board of directors' meeting.
As previously reported, plans are being figured by the following contractors:
Pacific Builders, 312 E. Alisal St, Salinas.
Coast Counties Construction Co., P. O. Box 509, Salinas.
Lloyd V. Hampshire, 103 National St., Salinas.
Stolte, Inc., 8451 San Leandro St., Oakland.
Harold C. Geyer, 787 Munras Ave., Monterey.
Cliff Hicks, 296 El Camino Real S., Salinas.

3/13/46 • • 3
BIDS OPENED
HAWTHORNE, Mineral Co., Nev.—Johnson, Drake & Piper, Inc., 1736 Franklin St., Oakland, at $259,340 submitted low bid to the office of the officer in charge of construction, Naval Ammunition Depot, Hawthorne Nev., under Spec. 17604, NOy 13561, for construction of six inert storehouses (each approx. 50x200 feet), and earthwork, railroad construction, road work, concrete construction, glass block masonry, iron and steel work, roofing and sheet metal work and completion of the alarm system as pertaining directly thereto at the Naval Ammunition Depot, at Hawthorne, Nev.
Plans and specifications were prepared by Architects Blanchard and Maher, 369 Pine St., San Francisco.
Other bids were:
J. A. Terteling & Sons, Inc., Los Angeles, $271,107.
A. Farnell Blair Co., Inc., S. F., $332,400.

3/13/46 • • 8
BIDS IN—HELD UNDER ADVISEMENT
STORE ADDITIONS
SAN FRANCISCO. Lincoln Building, 867 Market Street.
Escalator and elevator additions to store building.
Owner—Hale Bros., 867 Market St.
Architect—William G. Merchant, 57 Post Street.

3/13/46 • • 3
PLANS BEING FIGURED—BIDS OPEN MAR. 18, 1:30 P. M.
STORAGE BLDG.
SACRAMENTO, Sacramento County, Calif. 23rd and "S" Streets.
Construction of 1-story heavy mill type storage building (80x160 ft.) with corrugated aluminum exterior.
Owner—Carl Fiedler, 1108 43rd St., Sacramento.
Architect—Leonard F. Starks, 416 Native Sons Bldg., Sacramento.
Following contractors have taken out plans:
Charles F. Unger, 2426 Seventh Ave., Sacramento.
C. C. Ruby, 3350 Freeport Blvd., Sacramento.
C. J. Hopkinson, 1810 28th Street, Sacramento.
Frank Maloney, 1915 "S" Street, Sacramento.

3/13/46 • • 3
TO START CONSTRUCTION
WAREHOUSE Cost, $33,500
OAKLAND, Alameda Co., Cal. 2140 Livingston Street.
Construction of one-story warehouse
Owner—National Automotive Fibres, Inc., 2230 Livingston St. ,Oakland.
Architect—E. O. Blodgett, 1989 Hoover Ave., Oakland.
Contractor—S. G. Johnson, 4652 Dolores Ave., Oakland.

9-10—EDUCATIONAL BUILDINGS

3/13/46 •• 9
BOND ELECTION
SCHOOL BUILDING
ALAMO, Contra Costa County, Calif.
Construction of three additional classrooms for school plant.
Owner—Alamo Grammar School District, Alamo.
A bond election will be held April 25 by the Alamo Grammar School District on a proposal to issue bonds in amount of $37,000 to finance above construction.

3/13/46 •• 8
TO START CONSTRUCTION SHORTLY
FURNITURE STORE Cost, $250,000
SACRAMENTO, Calif. 14th and K Streets.
Construction of three-story building (80x180 ft.), with foundation allowing for addition of two stories; air conditioning throughout.
Owner—Jackson Furniture Co., Frank K. Jackson, president, Clay at 13th St., Oakland.
Architect — Herbert E. Goodpastor, Mitau Bldg., Sacramento.
Contractor—A. E. Erickson & Sons, 1932 El Monte Ave., North Sacramento.

3/13/46 •• 9
BOND ELECTION PLANNED
SCHOOL ADDITIONS Cost, $600,000
TRACY, San Joaquin County, Calif.
Construction of 4 classrooms, 3 home living classrooms, conversion of old gym to a cafeteria; locker rooms, convert old auditorium to library; new modern auditorium, service yard and paved fore court and modern swimming pool, paved game courts (340x120 ft.); construct approach road and parking area, covered corridors from present building to newly constructed areas; modernize and alter parts of the old building
Owner — Tracy Union High School District, Tracy.
Architect—E. J. Kump, 251 Kearny St., San Francisco.
Bond election will be called next month.

3/13/46 •• 8
PREPARING WORKING DRAWINGS
REMODEL STORE Est. Cost, $15,000
SACRAMENTO, Sacramento County, Calif. 8th and K Sts.
Remodel complete interior of store building and new front.
Owner — Eagleson-Hawkins Co., 801 K St.
Architect — Gordon Stafford, Forum Bldg., Sacramento.

3/13/46 •• 9
PROSPECTIVE BIDDERS
SCHOOL ADDITION
STOCKTON, San Joaquin Co., Calif. Lincoln and Jefferson Sts.
Additions and alterations to Hazelton Elementary School, including a cafeteria and kitchen, public play yard, classroom, library and office.
Owner—Board of Education, Stockton Unified School District, Administration Bldg, Stockton.
Architect—J. U. Clowdsley, Exchange Bldg., Stockton.
Plans and specifications obtainable from the office of the architect upon deposit of $25.
Each bid must be accompanied by cash, certified check or bid bond in amount of not less than 10% of bid.
As previously reported, bids will be opened April 2, 8 P. M.
The following contractor has taken out plans:
S. C. Giles & Co., 319 Elks Bldg., Stockton.

3/13/46 •• 10
PREPARING WORKING DRAWINGS
FORESTRY BUILDING
Approximate Cost, $600,000
BERKELEY, Alameda County, Calif. Berkeley Campus
Construction of three-story reinforced concrete forestry building.
Owners—The Regents of the University of California, Berkeley.
Architects—Miller & Warnecke, Financial Center Bldg., Oakland.
Supervising Architect—Arthur Brown Jr., 251 Kearny St., San Francisco.

11—HOSPITALS

3/13/46 •• 11
PROJECT AUTHORIZED
CLINIC Cost, $163,000
SAN FRANCISCO. 50 Fell St.
Acquisition and alterations for out-patient clinic involving alterations to basement, first and second floors, including electric work, $28,300; conversion of freight elevator to passenger, $4700; purchase of building, $130,000.
Owner—Bureau of Yards and Docks, Navy Dept., Washington, D. C.

12-13—INDUSTRIAL BUILDINGS

3/13/46 • • 12
TO START CONSTRUCTION
WOOL PLANT Cost, $45,000
SAN FRANCISCO. SE corner Revere and Griffith.
Construction of one-story frame wool plant.
Owner—Legallet Tanning Co., 1099 Quesada Avenue.
Engineer—Ira S. Kessey, 251 Kearny.
Contractor — H. E. Rahlmann, 251 Kearny Street.

3/13/46 •• 12
PREPARING PLANS
ADDITIONAL PLANT FACILITIES
Cost, $1,500,000
EMERYVILLE, Alameda Co., Calif. Powell and Landregan.
Expansion of plant facilities.
Owner — Marchant Calculating Machine Co., Powell and Landregan, Emeryville.
Architect—Albert F. Roller, Crocker First National Bank Bldg., San Francisco.

3/13/46 12
PLANNED
STORE BUILDING
FAIRFIELD, Solano County, Calif. Texas St, part of Block 40.
Construction of two-story warehouse building (50x100 ft.), with shop at the back (30x50 ft.).
Owner — Green Morris, c/o Morris Furniture Store, Main St., Suisun.
A residence now occupying the tract will be razed for the new construction.

3/13/46 •• 12
CONSTRUCTION UNDER WAY
SHEET METAL SHOP
Contract Price, $35,719
SACRAMENTO, Sacramento County, Calif. 22nd and S Sts.
Construction of one-story sheet metal shop and office, masonry walls and steel frame.
Owner—Withheld.
Architect — Gordon Stafford, Insurance Bldg., 806 K St., Sacramento.
Contractor — Holdener Construction Co., 2608 R St., Sacramento.

3/13/46 • • 12
PREPARING WORKING DRAWINGS
GLASS FACTORY Cost, $500,000
POMONA, Los Angeles Co., Cal. Between Lexington Ave. and Philadelphia St.
Construction of six 1-story steel and concrete factory buildings including main factory bldg. (120x300); machine shop (60x120); batch plant (30x150); box shop (120x250); two warehouses (120x240 each).
Owner—Hazel-Atlas Glass Company, Wheeling, West Virginia.
Engineers—Donald R. Warren Co., 500 Figueroa St., Los Angeles.
Contractors—Larsen & Larsen, 629 Bryant St., San Francisco (site office: 1331 Philadelphia St., Pomona).

3/13/46 12
SUB-CONTRACTS AWARDED
FACTORY BUILDING
DIXON, Solano County, Calif.
Construction of factory building.
Owner—Penetrator Syphon Company Dixon.
Architects—Will G. Corlett and Arthur W. Anderson, Bank of America Bldg., Oakland.
Contractor—Campbell Const. Co., 800 "R" Street, Sacramento.
Roofing—Sacramento Roofing & Insulation Co., P. O. Box 2253, Sacramento.
Plumbing—M. R. Carpenter, 907 Front Street, Sacramento.
Electric Wiring—Manuel Joseph, 1020 "J" Street, Sacramento.
Heating, Sheet Metal, Steel Windows and Steel Rolling Doors—Wagner Sheet Metal Works, 2217 Broadway, Sacramento.
Tile Work (Hollow tile walls)—E. A. Hunn, 3057 17th St., Sacramento.
Glass and Glazing—American Fuel & Material Co., 2701 Stockton Blvd. Sacramento.
Overhead Wood Doors—Walter D. Bates & Associates, 666 Mission St., San Francisco.
Structural Steel and Misc. Metal.—Mortenson Constr. Co., 19th and Indiana Sts., San Francisco.
Mill Work—Sierra Mill & Lumber Co., 201 V St., Sacramento.
Acoustical Tile Ceilings — Western Asbestos Co., 675 Townsend St., San Francisco.
Painting—R. W. Reade & Co., 2019 Blake St., Berkeley.
Asphalt Tile—Nu-Art Linoleum Co., 1214 16th St., Sacramento.

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Superstructure for Ordnance Shop, San Francisco Naval Shipyard; NOy 12968; Spec. Y152; Bids open March 18, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
E. S. McKittrick Co., 610—16th St., Oakland (TWin Oaks 5070).
M & K Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
A. Farnell Blair Co., Inc., 9 Main St., San Francisco (YUkon 0390).
Moore & Roberts, 693 Mission St. San Francisco (GArfield 8579).
Peter Kiewit Sons' Co., 442 Post St., San Francisco (EXbrook 8736).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)

Alter Yolo Theatre, Woodland; Bids open March 13, 2:00 P. M.
Mariposa Constr. Co., 196 Mississippi St., S. F. (UNderhill 0375)
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).
Alfred J. Hopper Co., 243 Langton St., San Francisco (MArket 7070)

Drug Storage Bldg., 4th and Clementina Streets, San Francisco; Bids open March 15, 10:00 A. M.
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616).
E. S. McKittrick Co., Inc., 610—16th Street, Oakland (TWinoaks 5070).
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
DeLuca & Son, 1745 Filbert St., San Francisco (ORdway 3600).
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624).

Remodel Ford Agency, Market St. and Duboce Ave., San Francisco; Bids open March 15, 2:00 P. M.
Jacks & Irvine, 620 Market St., San Francisco (GArfield 2106).
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081)
H. E. Rahlmann, 251 Kearny St., San Francisco (DOuglas 8023)

Improve Facilities, South San Francisco, E. I. du Pont plant; Bids open March 18, 4:00 P. M. (EST).
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).

Medical-Dental Building, Geary Blvd. and 14th Ave., San Francisco; Bids close March 14, 5:00 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
M. J. King, Inc., 231 Franklin St, San Francisco (UNderhill 8209).
DeLuca & Son, 1745 Filbert St., San Francisco (ORdway 3600).
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).

Firehouse Addition, San Francisco Naval Shipyard; NOy 13034; Bids close March 20, 11:00 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
A. Farnell Blair Co., Inc., 9 Main St., San Francisco (YUkon 0390)

School Buildings, Pittsburg; Bids close March 18, 8:00 P. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).

Separation Struct., Bayshore Freeway, San Jose; Bids close Mar. 13, 2 PM
Carl N. Swenson Co., 355 Stockton Ave., San Jose (Ballard 2602).

Theater Bldg., Fairfax, Marin County; Bids open March 15, 2 P. M.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).
Elligson & Mitchell, 576 Natoma St., San Francisco (UNderhill 3973)

Maintenance Bldg., Marin Jr. College, Kentfield; Bids open Mar. 14, 8 PM
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).

ALTER and Clean Bldg., 501-7 Howard St., S. F.; Bids open Mar. 20, 10 AM
Mariposa Constr. Co., 1106 Mariposa St., San Francisco (UNderhill 0375)
C. L. Wold Constr. Co., 4412 Fulton St., San Francisco (SKyline 4362)

Esberg Residence, 6th Ave. and Presidio, S. F.; Bids open Mar. 11; Noon.
G. P. W. Jensen & Sons. Inc., 320 Market St., S. F. (GArfield 2444).
R. A. Cullen, 478 Jackson Street, San Francisco (SUtter 1951).
Elvin C. Stendell, 2278 Market St., San Francisco (HEmlock 5352).

N. Rothman Factory, South S. F.; Bids open March 22, 11 A. M.
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).

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1 27 E MULTIFOOT PAVER, 1 30 CAT with Cardwell Sideboom, 2 1200-gallon OIL DISTRIBUTOR TRUCKS, 1 WILLIAMETTE HOISTER LUMBER CARRIER, 66-in., 1 D 6 with Dozer, 1 P & H TRENCHER, 1 SCHRAM COMPRESSOR 260 Actual, 4 truck-mounted COMPRESSORS, 5 60 K. W. GENERATOR SETS, G M C Diesel powered, new 1 T D 18 International TRACTOR with Dozer, guaranteed. Walsh Equipment Co., 1057 Solano Ave., Albany. LA. 5-1214. to Mar, 15, 1946

Surplus Equipment: Excellent condition: 1938 WHITE FLATBED LBR TRUCK, 5-ton, 1943 motor; 1930 KLEIBER FLATBED TRUCK (needs motor); 1 NOVO WATER PUMP, serial P-16870; 1 HYSTER TOWING WINCH for D-6 Cat. Peninsula Pacific Constr. Co., Spring and Chestnut, Redwood City. Phone Redwood 1722. (3/13-14-15-18-19/46)

DINING ROOM BUFFET, all gum, 7 drawers and dish cabinet. Price $50. Phone RA. 5091. to Mar. 18, '46

21S KOEHRING CONCRETE MIXER, electric, skid mounted. Phone EXbrook 8845. •

14 S DAVIS CONCRETE MIXER mounted on four steel wheels. Phone EXbrook 8845. •

CONTRACTORS' SURPLUS EQUIPMENT, Tractors, Cat. 50 and 30; Truck Crane; Boom Truck; Compressors; Ditcher, Etc. McGuire and Hester, 796—66th Avenue, Oakland. TRinidad 7676. (to 3/12/46)

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⅝-yard TRUCK CRANE. Phone Pleasanton 273 or write Box 425, Pleasanton. to Mar. 12, '46

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D 8 CATERPILLAR TRACTOR with double drum power unit and bulldozer, with or without operator. Phone MI. 4520. to Mar. 18, '46

7S JAEGER CONCRETE MIXER on two pneumatic-tired wheels, available for rental. Phone EXbrook 8845. •

LUMBER HANDLING EQUIPMENT: CARRIERS, STACKERS, TRUCKS. Call Mac, Pacific Carriers. Oakland. KE 4-1651.

WANTED

WORK FOR D 8 TRACTORS, CARRYALLS and TERRA COBRAS. Phone Stockton 66639. tf

50 18-in. TROUGHING ROLLS, 20 18-in. RETURN IDLERS. Anderson Gravel Co., 59 Central Ave., Mt. View. Phone Mt. View 3826. to Mar. 11, 1946

LOCOMOTIVE CRANE, DIESEL-POWERED, STANDARD GAUGE, 40 to 50 FT. BEAM, WITH OR WITHOUT MAGNET. A. D. Schader, 144 Spear St., San Francisco. Phone DO. [illegible]. to Mar. [illegible], 1946

CONTRACTORS . . .
See us regarding Improvement District jobs. We handle collections; buy Warrants or Bonds on all 1915 or 1911 Act Districts. Telephone GArfield 8000.
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TO HOME BUILDERS . . .
Now is the time to secure your choice of building sites in a restricted tract of the finest view property available on the Peninsula.

Tract consists of 10 acres in the city of San Mateo and 55 acres in the town of Hillsborough subdivided into 69 beautiful building sites. They range from ¼ acre to 4 acres; priced from $2,750 to $13,600 including improvements.

Present prices are subject to sharp advancement upon completion of improvements; when unsold sites will be extensively advertised to the public.

Engineering is now being completed for streets, sewers and water system; work is scheduled to start during May of this year.

Property can be inspected by appointment by calling
Frank Ashby, Owner, at MArket 1230

ADVANCE CONSTRUCTION REPORTS

14-17—PUBLIC BLDGS.

3/13/46 * * 16
BIDS WANTED—
TO CLOSE MARCH 27, 2 P. M.
EXTERIOR PAINTING
CALEXICO, Imperial Co., Calif.
Exterior painting, etc., at U. S. post office.
Owner—Federal Works Agcy., Public Bldgs. Admin., office of the District Engineer, 838 U. S. Appraiser's Bldg., San Francisco.
Specifications obtainable from the above office of the district engineer or from the custodian of the building at Calexico.

3/13/46 ** 16
BIDS WANTED—TO OPEN.
MARCH 27, 2 P. M.
RELINE BOILER FIREBOX
NAPA, Calif.
Reline boiler firebox and overhaul oil burner at U. S. Post Office.
Owner—Federal Works Agency, Public Buildings Administration, office of the district engineer, 838 U. S. Appraiser's Bldg., San Francisco.
Specifications obtainable from the above office of the district engineer or from the custodian of the building in Napa.

3/13/46 ** 61
BIDS WANTED—TO CLOSE
APRIL 2, 2 P. M.
PAINTING
KINGMAN, Ariz.
Exterior and interior painting and miscellaneous repairs at U. S. Post Office.
Owner—Federal Works Agency, Public Buildings Administration, office of the district engineer, 838 U. S. Appraiser's Bldg., San Francisco.
Specifications obtainable from the above office of the district engineer or from the custodian of the building at Kingman, Ariz.

3/13/46 ** 15
BIDS WANTED—TO CLOSE
MARCH 27, 2 P. M.
REPAIR ROOF
SAN FRANCISCO, Calif.
Repair metal ridge on roof of Federal Office building.
Owner—Federal Works Agency, Public Buildings Administration, office of the district engineer, 838 U. S. Appraiser's Bldg., San Francisco.
Specifications obtainable from the above office of the district engineer.

18-19—RELIGIOUS BLDGS. BUILDINGS

3/13/46 19
PLANNED
ADDITION Est. Cost, $45-50,000
HOLLISTER, San Benito Co., Calif.
Construction of additions to Sacred Heart school including two classrooms, principal's office, rest room and extension of toilet facilities, an assembly room and kitchen.
Owner—Sacred Heart School, Rev. Patrick O'Reilly, pastor, Hollister.
A drive to raise fund will be inaugurated after March 17. The floor plan has been submitted and construction may be started this summer.

3/13/46 ** 19
PREPARING PLANS
CHURCH Approx. Cost, $100,000
COLMA, San Mateo County, Calif. Holy Angels Church.
Construction of one-story reinforced concrete church building to seat 400 persons.
Owner—Roman Catholic Archbishop of San Francisco, 1100 Franklin St., San Francisco.
Architect — Henry A. Minton, 1045 Sansome St., San Francisco.

20-21—SOCIAL AND RECREATIONAL BLDGS.

3/13/46 20
PLANNED
CLUBHOUSE
HAYWARD, Alameda Co., Cal. Hayward Highlands.
Construction of clubhouse building.
Owner—Hayward Sportsmen's Club, John DeMuri, vice-president, 412 McKeever Ave., Hayward.

3/13/46 ** 21
PLANNED
COLD STORAGE PLANT
Cost, $500,000
YUBA CITY, Sutter County, Calif. Between Reeves Ave. and Bridge St., along Sacramento Northern tracks.
Construction of cold storage plant (125x600 ft.).
Owner—Yuba City Refrigerating Co., Gene Morrison, president; A. D. Atterbury, vice-president, 735 Bridge Yuba City.
Architect—Not announced.

22-26—RESIDENTIAL BUILDINGS

3/13/46 ** 22
TO START CONSTRUCTION
ALTER HOTEL Cost, $100,000
SAN FRANCISCO. Southwest corner Market and New Montgomery Sts.
Alterations to hotel and store.
Owner — Palace Hotel Co., Palace Hotel, San Francisco.
Architect—F. J. McCarthy, 693 Mission St., San Francisco.
Engineer — H. J. Brunnler, Sharon Bldg., San Francisco.
Contractor—Taylor & Goericke, Sharon Bldg., San Francisco.

3/13/46 ** 24
WORK UNDER WAY
RESIDENCE Est. Cost $8000-$10,000
LAFAYETTE, Contra Costa County, Calif.
Construction of 1½-story residence, shake roof, stucco exterior, oak floors, steel sash, floor furnace, tile in bathroom and kitchen, two-car garage.
Owner and Builder—A. de Haan, Lafayette.
Architect—Guy L. Brown, Bank of Commerce Bldg., Oakland.

3/13/46 ** 24
PREPARING PRELIMINARY PLANS
RESIDENCE
ROCKRIDGE, Oakland, Alameda Co., Calif
Construction of 1½-story eight-room residence, frame and stucco with shake roof, four bedrooms, two baths.
Owner—Withheld.
Architect—Guy L. Brown, Bank of Commerce Bldg., Oakland.

3/13/46 * 24
PREPARING PLANS
RESIDENCE Approx. Cost, $12,000
SAN JOSE, Santa Clara Co., Calif. Alta Vista Way in Eastern foothills.
Construction of 1½-story frame, wood exterior residence (6 rooms) central floor heating system, steel sash, shake roof.
Owner—Mr. De Motte, c/o Architect.
Architect—Gifford E. Sobey, 69 So. First St., San Jose.

3/13/46 * 24
PREPARING WORKING DRAWINGS
RESIDENCE Approx. Cost, $14,000
FELTON, Santa Clara County, Calif.
Construction of one-story rambling type rustic residence (6 rooms) central heating system, steel sash, shake and composition roof, etc.
Owner—Harold Stern, c/o Architect.
Architect—Gifford E. Sobey, 69 So. First St., San Jose.

3/13/46 ** 24
STARTING WORKING DRAWINGS
RESIDENCE Approx. Cost, $18,000
SAN JOSE, Santa Clara Co., Calif. University Ave.
Construction of 1½-story frame, stucco and brick veneer residence (7 rooms), hardwood floors, tile baths, shake roof, central floor heating system, steel sash, etc.
Owner—Dr. D. R. Threlfall, c/o architect.
Architect—Gifford E. Sobey, 69 S. First St., San Jose.

3/13/46 ** 24
PREPARING PRELIMINARY PLANS
RESIDENCE Est. Cost, $20,000
ANTIOCH, Contra Costa Co., Calif.
Construction of one-story frame and stucco residence, four bedrooms, living room, kitchen and swimming pool $2000).
Owner—Dr. Tom Dozier, c/o architect
Architect—Mrs. Elizabeth H. Witkin, 2712 Shasta Rd., Berkeley.

3/13/46 * * 23
TO START WORK
APARTMENT BUILDINGS
Approx. Cost, $75,000 each
SAN FRANCISCO. Anzavista Apt. development on site of old Calvary Cemetery at Geary and Masonic.
Construction of 12 new apartment buildings each to contain six 5- and 6-room and bath apts.
Owner—Mayfair Heights Corp., 2701 Judah Street.
Architects—J. Francis Ward and J. S. Bolles, 369 Pine Street.
Civil Engineers—Punnett - Parez & Hutchison, 58 Sutter Street.

3/13/46 * * 24
PREPARING
PRELIMINARY PLANS
RESIDENCE Approx. Cost, $12,000
CHICO, Butte County, Calif.
Construction of one-story, 5-room residence with conc. floors, composition roofing, wood siding.
Owner—Withheld.
Architects—Thomson & Evans, 1308 E 38th St. at Park Blvd., Oakland.

3/13/46 ** 24
PREPARING WORKING DRAWINGS
RESIDENCE
HILLSBOROUGH, San Mateo Co., Calif. Fallenleaf Rd.
Construction of two-story frame and stucco residence (five bedrooms), hardwood floors, tile baths, maid's room and bath, attached garage.
Owner — William D. Bosschart, c/o architect.
Architect — Henry A. Minton, 1045 Sansome St., San Francisco.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Water Supply and Sewage Disposal Plants 31-32
Bridges 33
Dams, Reservoirs and Dredging 34
Docks, Piers & Harbors 35
Parks, Airports and Playgrounds 36
Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

3/13/46 * 31
PROPOSED
NAPA, Calif.—A revenue bond issue was proposed at a recent meeting of the Napa City Council to finance construction of a pipeline from Conn Dam, near St. Helena, to the City of Napa.

3/13/46 * * 31
BIDS OPENED
VALLEJO, Solano Co., Calif.—F. J. Early, Jr., Inc., 369 Pine St., San Francisco, at $29,728 submitted low bid to the City of Vallejo, Melvin F. Brooks, city clerk, City Hall, Vallejo, for construction of two pumping plants on the Gordon Valley pipeline.

Other bids were:

Recknagel and Yoemans, Vallejo, $36,877.

Central California Constr. Company, $37,733.

Howes & Whitaker, San Francisco $39,350.

Stolte, Inc., Oakland, $51,676.

J. A. Bryant, Vallejo, $58,500.

Metropolitan Const. Co., San Francisco, no total bid.

34—DAMS, RESERVOIRS & DREDGING

3/13/46 34
CONTRACT AWARDED
PARADISE DAM, Mont. — Lynch Bros., 3425 Stone Way, Seattle, at $26,237.50 awarded contract by the U. S. Engineer Office, Textile Tower Seattle, under Inv. 46-65 for exploratory foundation investigations, Paradise damsite, Clark Fork River, Sanders County, Mont.

3/13/46 ** 34
BIDS OPENED
CENTRAL VALLEY PROJECT, California. — Parish Bros., Box 6, Benicia, at (Sched. 1) $345,885, (Sched. 2) $223,089.50, submitted low bid to the Bureau of Reclamation, Old High School Bldg., Antioch, under Spec. No. 1172 for the construction of earthwork, canal lining and structures, Contra Costa Canal, station 2321+25 to the end, and Mountain View Reservoir, Delta Division, Central Valley Project, California. The work is situated from about one mile east to about 3½ miles southeast of Martinez, Calif

Bids will be considered on either or both of the following schedules. Bidders may make such stipulations as they desire regarding a combination of the schedules but no bid will be considered for only a part of either schedule.

Work involves:

Schedule No. 1

Earthwork, canal lining and structures, Contra Costa Canal, station 2321+25 to station 2512+25.

(1) clearing 23 acres orchards and vineyards;
(2) grubbing 20 acres orchards and vineyards;
(3) 65,000 cu. yds. excavation, all classes, for canal;
(4) 400 cu. yds. of excavation, all classes, for subbase for structures;
(5) 100,000 sta. cu. yds. of overhaul;
(6) 1000 cu. yds. of compacting embankment;
(7) 400 cu. yds. of gravel subbase under structures;
(8) 51,000 cu. yds. of excavation, all classes, for structures;
(9) 18,800 sq. yds. of trimming foundations for concrete lining;
(10) 42,000 cu. yds. of backfill;
(11) 10,000 cu. yds. compacting backfill;
(12) 2350 cu. yds. of concrete in structures;
(13) 1550 cu. yds. of concrete in canal lining;
(14) placing 260,000 lbs. of reinforcement bars;
(15) placing 120 sq. ft. of elastic filler material in joints;
(16) placing 18,000 lbs. of metal water stops in joints;
(17) 200 sq. yds. of dry-rock paving;
(18) driving 500 lin. ft. timber piles;
(19) erecting 26 M ft. b.m. timber in structures except cattle guards;
(20) constructing 10 cattle guards;
(21) jacking 36 lin. ft. 6-ft. diameter corrugated metal pipe under railroad;
(22) jacking 50 lin. ft. of 5-ft. 6-in. diameter corrugated metal pipe under highway;
(23) laying 300 lin. ft. of 12-in. diameter concrete pipe;
(24) laying 200 lin. ft. of 15-in. diammeter concrete pipe;
(25) laying 200 lin. ft. of 18-in. diameter concrete pipe;
(26) laying 60 lin. ft. of 24-in. diameter concrete pipe;
(27) installing 3500 lbs. of gates and gate hoists;
(28) installing 6500 lbs. of miscellaneous metal work.

Schedule No. 2

Earthwork, dam embankment and structures, Contra Costa Canal, station 2512+25 to end, and Mountain View Reservoir.

(1) clearing 13 acres orchards and vineyards;
(2) grubbing 13 acres orchards and vineyards;
(3) 2000 cu. yds. of excavation, all classes, for outlet and spillway channels;
(4) 9500 cu. yds. of excavation, stripping dam foundation and borrow pits;
(5) 360 cu. yds. of excavation, all classes, for embankment toe drains;
(6) 160,000 cu. yds. of constructing dam embankment;
(7) 10,000 lin. ft. of sand-filled drain holes;
(8) 17,000 cu. yds. of sand drain in dam embankment;
(9) 6000 cu. yds. of riprap on dam;
(10) 450 cu. yds. of gravel surface on dam crest;
(11) 10,000 cu. yds. of excavation, all classes, for structures;
(12) 3000 cu. yds. of backfill;
(13) 2500 cu. yds. of compacting backfill;
(14) 480 cu. yds. of concrete in structures;
(15) placing 55,000 lbs. of reinforcement bars;
(16) placing 25 sq. ft. of elastic filler material in joints;
(17) placing 10 lin. ft. of rubber water stops in joints;
(18) placing 360 lbs. of metal water water stops in joints;
(19) 600 sq. yds. of dry-rock paving;
(20) constructing 1400 lin. ft. of 12-in. diameter sewer pipe drain with uncemented joints;
(21) laying 100 lin. ft. of 12-in. diameter sewer pipe with cemented joints;
(22) installing 2100 lbs. of gates and gate hoists;
(23) installing 7100 lbs. of outlet pipes and valves;
(24) installing 13,400 lbs. of miscellaneous metal work.

Total bids follow:

(A) Parish Bros., Benicia, (1) $345,-885, (2) $223,08950. Stipulation: Will accept Schedule 1 only if awarded Schedule 2, or will take Schedule 2 alone.
(B) Fredrickson & Watson Construction Co., Oakland, (1) $384,580, (2) $345,429.
(C) Guy F. Atkinson, South San Francisco, (1) $393,285, (2) $305,-360. Stipulation: Will consider Schedules 1 and 2 together only.
(D) Guerin Bros., South San Francisco, (1) no bid, (2) $279,580.

Unit prices follow:

Schedule No. 1

	(A)	(B)	(C)	(D)
(1)	$125.00	$ 90.00	$ 45.00	$ ....
(2)	125.00	40.00	65.00	....
(3)	.45	.57	.50	....
(4)	5.00	1.80	3.00	....
(5)	.02	.02	.025	....
(6)	.35	.56	.45	....
(7)	5.00	5.00	6.00	....
(8)	1.10	.96	1.10	....
(9)	.35	.65	.80	....
(10)	.40	.48	.38	....
(11)	2.25	1.80	2.50	....
(12)	62.00	72.00	72.00	....
(13)	18.00	24.00	27.00	....
(14)	.045	.06	.04	....
(15)	1.00	.90	2.00	....
(16)	.15	.24	.20	....
(17)	5.75	5.00	10.00	....
(18)	3.00	2.00	2.50	....
(19)	140.00	93.00	90.00	....
(20)	150.00	169.00	150.00	....
(21)	35.00	28.00	40.00	....
(22)	22.00	26.50	40.00	....
(23)	1.50	.80	1.00	....
(24)	1.85	.95	1.25	....
(25)	3.00	1.05	1.60	....
(26)	4.00	1.35	2.25	....
(27)	.30	.38	.20	....
(28)	.30	.48	.35	....

Schedule No. 2

	(A)	(B)	(C)	(D)
(1)	125.00	90.00	45.00	25.00
(2)	125.00	40.00	45.00	25.00
(3)	.45	1.80	.70	.42
(4)	1.00	.36	.35	.25
(5)	.85	3.00	1.50	.50
(6)	.38	.77	.68	.625
(7)	1.45	1.25	.75	2.00
(8)	2.25	3.45	4.00	3.40
(9)	5.40	10.90	6.50	6.00
(10)	4.20	5.40	3.50	3.00
(11)	.65	1.80	1.00	1.00
(12)	.40	.48	.65	.35
(13)	2.25	1.80	2.50	2.50
(14)	70.00	66.00	.80	60.00
(15)	.045	.06	.05	.03
(16)	1.00	1.00	2.00	1.00
(17)	2.50	1.20	2.00	2.00
(18)	.20	.50	.75	.25
(19)	5.75	5.00	10.00	10.00
(20)	1.00	.80	1.50	1.00
(21)	1.50	1.20	1.00	1.25
(22)	.30	.40	.20	.25
(23)	.30	.40	.15	.25
(24)	.30	.48	.35	.20

3/13/46 * * 34
LOW BIDDERS
MISSOURI BASIN PROJ., Wyo.—Morrison-Knudsen Co., Boise, Idaho, at $4,688,000 submitted low bid to the Bureau of Reclamation, Casper, Wyo. for construction of Kortes Dam and power plant, Kortes Unit, Missouri Basin Project, Wyo.; Spec. No. 1151. The work is situated on the North Platte Riven, about 62 miles by road southwest of Casper, Wyo.

Second and third low bids were:

David O. Gordon, W. E. Kier Construction Co.; Bressi & Bevanda Constructors, Inc., Grafe-Callahan Construction Co. and Gunther & Shirley Co., $4,971,970.

Winston Bros. Co., Al Johnson Constr. Co. and Peter Kiewit Sons Co., $5,244,256.

Complete bids will be published shortly.

35— DOCKS, PIERS & HARBORS

3/13/46 ** 35
PROSPECTIVE BIDDERS
REPAIR PIER
SAN FRANCISCO, Embarcadero.
Repair fender line, deck and corner cluster on west side of outer end of Pier 37.
Owner—Board of State Harbor Commissioners, Ferry Bldg., San Francisco.
Plans by engineering department of owner, F. G. White, chief engineer, Ferry Bldg., San Francisco.

Bids will be opened March 20, 2 P. M. (not 3 P. M. as previously reported).

Plans and specifications obtainable from the above office of the owner upon deposit of $10.

The following contractors have taken out plans:

Ben C. Gerwick, Inc., 112 Market St., San Francisco.

Clinton Construction Co., 923 Folsom St., San Francisco.

Ocean Constructors, 135 Stockton St., San Francisco.

Case Construction Co., Box 416, Alameda.

Duncanson-Harrelson Co., 1404 De Young Bldg., San Francisco.

Erickson, Phillips & Wiseberg, 2707 Grant St., Berkeley.

Mercer-Fraser Co., 2nd and Commercial Sts., Eureka.

J. D. Proctor, Inc., Box 247, Point Richmond Station, Richmond.

36— PARKS, AIRPORTS & PLAYGROUNDS

3/13/46 * 36
BIDS WANTED
NEEDLES, PRESCOTT and WINSLOW, Ariz.—Until April 8, 10 A. M., bids will be received by the Department of Commerce, Civil Aeronautics Administration, 1500 4th St., Santa Monica, for relocating the Daggett-Winslow section of the Los Angeles-Amarillo airway; Proposal 6-46-190. The work in general will consist of salvaging beacons, steel towers, power sheds, engine generators, fuel tanks and miscellaneous minor items from beacon sites on the existing airway, and re-erecting sites on a line from Needles to Prescott to Winslow, Ariz. New sites will consist of 5 type A (served by commercial power) and 5 type BA or BRA (served by CAA power plants in salvaged sheds, with underground fuel tanks. The work also includes 6100 lin. ft. of power line and 6 miles of road improvements. Plans available from above office without deposit after March 12. Guarantee of 10% to accompany bids.

3/13/46 * 36
WORK UNDER WAY
AIRPORT
ROSEVILLE, Placer Co., Cal. Parallel with Atkinson Street, and bounded by Church and Main Sts.
Construction of airport; one runway; will be fully equipped to handle flight instruction, housing, repair service, rentals and sales.
Owner — J. M. Dunbar, Fall River Mills.
Grading Work—Chittenden & Chittenden, P. O. Box 246, Auburn.

3/13/46 ** 36
BIDS POSTPONED
SAN FRANCISCO.—Bids were returned unopened to the contractors March 12 by the Public Utilities Commission, Room 287 City Hall, under S. F. Airport Contract No. 82 for airport extension fill, pavemnet and related construction at San Francisco Airport due to the fact that recently negotiated contracts between contractors and unions were not included in the call for bids. New bid opening date will be announced shortly.

39—SEWERS

3/13/46 ** 39
PLANNED
PLACERVILLE, El Dorado Co., Calif.—The City of Placerville will vote April 9 on a proposal to establish a 10-cent special tax for a period of five years to create a fund to be used for the extension and repair of the sewerage system.

40— STREETS AND HIGHWAYS

3/13/46 * * 40
BIDS OPENED
BERKELEY, Alameda Co., Calif.—J. Henry Harris, 2657 9th St., Berkeley, at $41,203 submitted low bid to the Regents of the University of California, Administration Bldg., Berkeley, for construction of a new road between Piedmont Ave. and La Loma Ave. and Hearst St. across the Berkeley campus of the U. of C.

Other bids were:

Lee J. Immel, Berkeley, $42,440.

J. R. Armstrong, El Cerrito, $44,-607.

Ransome Co., Emeryville, $57,275. Bids held under advisement.

3/13/46 * 40
NOTICE
SISKIYOU COUNTY, Calif.—Representative of the District Office of the State Division of Highways will meet prospective bidders for the proposed project in Siskiyou County, II-Sis-3-B, for which bids are to be received in Sacramento March 27.

Said representative will meet prospective bidders at the Weed Hotel in Weed, on Friday, March 22, at 11 A. M.

Prospective bidders are urged to cooperate with the District Office and arrange to make their field inspection on the above date.

3/13/46 ** 40
BIDS WANTED
SACRAMENTO, Calif.—Until Mar. 29, 5 P. M., bids will be received by the City of Sacramento, city clerk, City Hall, Sacramento, for improvement of alley between J and K Sts., from 21st to 22nd Sts.

The work involves:

(1) 437 sq. ft. concrete sidewalk and aprons, remove;
(2) 21 lin. ft. fence to remove;
(3) 173 cu. yds. excavation and grading;
(4) 1 flusher manhole to remove;
(5) 3 gutter drains cut No 11 to place;
(6) 20 lin. ft. 6-in. VI sewer pipe to place;
(7) 1 manhole to reconstruct;
(8) 1 manhole to construct;
(9) 16 ⅜x6x20 ft. expansion joint;
(10) 120 cu yds. class D concrete pavement, early hardening.

Specifications obtainable from the above office.

3/13/46 * * 40
BIDS WANTED
KERN COUNTY, Cal.—Until Apr. 10, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about 1.9 miles in length to be graded and paved with Portland cement concrete and asphaltic concrete between Brundage Lane and 24th St., Bakersfield, Kern County.

Specifications obtainable from the above office.

Quantities follow:

(1) 5,200 c.y. remove concrete;
(2) clear and grubb;
(3) 61,000 c.y. rdwy. excav.;
(4) 2,400 c.y. struc. excav.;
(5) 69,000 s.y. compacting original ground;
(6) 35,000 c.y. import borrow;
(7) 3,550 c.y. import top soil;
(8) 53,800 s.y. prepare Class C subgrade;
(9) develop water supply and furnish water equip.;
(10) 4,400 M. gals. apply water;
(11) 99 sta. finish rdwy.;
(12) 1,540 tons crusher run base;
(13) 90 tons liq. asph. RC-3 or RC-3 subgrade treat;
(14) 11,000 s.y. preparing, mixing and shaping surf subgrade treatment;
(15) 2,550 tons min. agg. plant mix surf.;
(16) 10 tons liq. asph. SC-2 prime coat;
(17) 127 tons liq. asph. SC-6, plant mix surf.;
(18) 100 tons asph. emulsion prime coat, paint binder, curing seal and seal coat;
(19) 15,100 tons asph. concrete;
(20) 1,070 l.f. asph. conc. raised bars;
(21) 8100 c.y. portland cement conc. base;
(22) 2480 c.y. portland cement conc. pavement;
(23) 2300 each pave. tie bolts assemblies;
(24) 455 c.y. portland cement conc. structures;
(25) 58,000 lbs. bar reinf. steel;
(26) 1,990 c.y. portland cement conc. curbs, gutter, sidewalks and driveways;
(27) 2,650 each curb dowels;
(28) 5 each monuments;
(29) 190 l.f. pipe handrail;
(30) 15 each move and reset street marker posts;
(31) 190 l.f. move and reconstruct chain link fence;
(32) 312 l.f. 18-in. reinf. conc. pipe standard strength;
(33) 488 l.f. 18-in. CMP, 16 gage;
(34) 156 l.f. 12-in. plain conc. pipe;
(35) 610 l.f. salvage part circle metal culverts;
(36) 17 ea salvage drop inlet frames and grates or covers;
(37) 15 each catchbasin frames and covers;
(38) 1 each manhole frame and cover
(39) 25 ea adjust manholes to grade;
(40) 15 each adjust handholes to grade;
(41) 95 each red reflectors;
(42) 600 l.f. ½-inch galv. iron pipe bubble head line;
(43) 950 l.f. ¾-inch do;
(44) 1,390 l.f. ¼-inch do;
(45) 1530 l.f. 1¼-inch do;
(46) 260 l.f. 1½-inch do;
(47) 280 each bubble heads, watering system;
(48) 1,180 l.f. ¾-in. galv. iron pipe nozzle line;
(49) 670 l.f. 1-inch do;
(50) 550 lbs. misc. iron and steel pedestrian underpass;
(51) 56 l.f. rubber waterstops pedestrian underpass;
(52) move and reset gates, pedestrian underpass;
(53) lighting equipment pedestrian underpass;
(54) 22 ea transplanting palm trees
(55) 3,700 l.f. furnish 1-inch electric conduit;
(56) 2,350 l.f. furnish 2-inch do;
(57) 3,270 l.f. install elec conduit;
(58) 2,780 l.f. install do by Jacing method;
(59) 45 each cast iron elec junction boxes or pull boxes;
(60) 23 each type A signal or dispatcher bases;
(61) 15 each type B signal bases;
(62) 20 each dispatcher guard posts.

3/13/46 ** 40
BIDS WANTED
SAN DIEGO COUNTY, Calif.—As previously reported, until April 11, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, state highway engineer, State Bldg., Los Angeles, for about 4.1 miles in length to be graded and surfaced with portland cement concrete pavement, between .4 mile south of Mission Valley Rd. and .5 mile north of north city limits of San Diego (XI-SD-77-SD,A), in San Diego County.

Specifications obtainable from the State Highway Engineer, Public Works Bldg., Sacramento.

The work involves:

(1) 1680 cu. yds. remove concrete;
(2) clearing and grubbing;
(3) 843,000 cu. yds. roadway excavation;
(4) 12,000 cu. yds. structural excavation;
(5) 9650 cu. yds. ditch and channel excavation;
(6) 25,675,000 sta. yds. overhaul;
(7) 97,000 sq. yds. compact original ground;
(8) 11 acres plowing, weed control;
(9) 66 tons straw slope erosion protection;
(10) 16½ tons fertilizer slope erosion protection;
(11) develop water supply and furnish water equipment;
(12) 21,400 M gallons apply water;
(13) finish roadway;
(14) 26,400 sq. yds mix and compact cement subgrade treatment, 6-in. thick;
(15) 127,000 sq. yds. mix and compact cement subgrade treatment, 4-in. thick;
(16) 7300 bbls. portland cement subgrade treatment;
(17) 222 tons asphaltic emulsion curing seal and seal coat;
(18) 240 tons screenings seal coat;
(19) 6400 sq. yds. prepare, mix and shape surface bituminous surface treatment;
(20) 51 tons liquid asphalt, SC-3 or SC-4, bituminous surface treatment;
(21) 8150 tons bituminous surfacing;
(22) 53 tons liquid asphalt SC-2 prime coat;
(23) 3100 tons plant mix surfacing;
(24) 1660 tons asphaltic concrete base and level course;
(25) 870 tons asphaltic concrete, type A, surface course;
(26) 280 lin. ft. raised bars;
(27) 29,120 cu. yds. portland cement concrete pavement;
(28) 21,770 each tie bolt assemblies;
(29) 380 cu. yds. class A portland cement concrete structures;
(30) 80 cu. yds. class A portland cement concrete ditch lining;
(31) 41,500 lbs. bar reinforcing steel;
(32) 700 sq. yds. mesh reinforcing;
(33) 50 cu. yds. broken concrete masonry;
(34) 75 cu. yds. broken concrete riprap;
(35) 3250 cu. yds. portland cement concrete curbs and gutters;
(36) 80 each right-of-way monuments
(37) 22 each center line monuments;
(38) 14,200 lin. ft. metal plate guard railing;
(39) 265 each guide posts;
(40) 130 each culvert markers and project markers;
(41) 29,500 lin. ft wire mesh fence;
(42) 3 miles new property fence;
(43) 412 lin. ft. 18-in. reinforced concrete pipe, standard strength;
(44) 5076 lin. ft. 24-in. reinforced concrete pipe, standard strength;
(45) 444 lin. ft. 30-in. reinforced concrete pipe, standard strength;
(46) 68 lin. ft. 48-in. reinforced concrete pipe, standard strength;
(47) 1348 lin. ft. 60-in. reinforced concrete pipe, standard strength;
(48) 188 lin. ft. 24-in. reinforced concrete pipe; extra strength;
(49) 200 lin. ft. 30-in. reinforced concrete pipe, extra strength;
(50) 224 lin. ft. 36-in. reinforced concrete pipe, extra strength;
(51) 444 lin. ft. 60-in. reinforced concrete pipe, extra strength;
(52) 194 lin. ft. 12-in. CMP, 16-gage;
(53) 212 lin. ft. 18-in. CMP, 16-gage;
(54) 192 lin. ft. 24-in. CMP, 14-gage;
(55) 29 each spillway assemblies;
(56) 466 lin. ft. 8-in. CMP downdrains, 16-gage;
(57) 90 each red reflectors;
(58) 359,000 each ice plant cuttings;
(59) engineer's office;

Sanitary Sewers

(60) 460 lin. ft. 6-in. cast iron pipe;
(61) 300 lin. ft. 8-in. cast iron pipe;
(62) 510 lin. ft. 8-in. vitrified clay pipe;
(63) 3 each new sewer manholes.

3/13/46 ** 40
BIDS OPENED
ALAMEDA, Alameda Co., Calif.—Gallagher & Burk, 900 73rd Ave., Oakland, at $10,564.30, submitted low bid to Public Roads Administration, Charles C. Morris, division engineer, 720 Phelan Bldg., San Francisco, for construction of 0.171 mile access road to Army Air Force Intransit Depot, Webster St. from Tynan Ave. to Alameda Portal Bldg.; Project Calif. DA-WR-225 (1), Unit 2.

The work involves:

(1) extra and miscellaneous force account work;
(2) 840 cu. yds. unclassified excavation;
(3) 25 cu. yds. unclassified excavation for structures;
(4) 6 M gallons watering of subgrade;
(5) 28 M gallons watering of base course;
(6) lump sum, provide and maintain water plant or plants;
(7) 1450 tons crushed gravel or crushed stone base course, class 2, grading C-1;
(8) 4 tons medium curing cutback asphalt, grade MC-1, for prime coat;
(9) 1 ton emulsified asphal tfor tack coat;
(10) 4 tons type 4 blotter material for the bituminous preservative treatment;
(11) 1 ton medium curing cutback asphalt, grade MC-2, for bituminous preservative treatment;
(12) 350 tons plant mix, grading B (class F pavement, type F-1);
(13) 234 tons plant mix, grading B-2 (class F pavement, type F-1);
(14) 29 tons asphalt, grade 50-60 or 85-100 (contractor's option) for type F-1;
(15) 78 lin. ft. 10-in. vitrified clay culvert pipe;
(16) 4 each 10-in. vitrified clay culvert pipe elbows;
(17) 4 each catchbasins;
(18) 3 sets cast iron frames, gratings and curb inlet housings;
(19) 1 each storm drain manhole (depth approximately 5 ft.);
(20) 1460 lin ft. concrete curb, 14-in. depth.

Total bids follow:

(A) Gallagher & Burk, Oakland, $10,-564.30.
(B) J. Henry Harris, Berkeley, $12,-603.69.
(C) Warren Greyer, Alameda, $13,-087.40.

Unit prices follow:

	(A)	(B)	(C)
(1)	$150.00	$150.00	$150.00
(2)	1.00	1.06	1.25
(3)	3.60	5.30	3.00
(4)	1.80	2.65	3.00
(5)	1.50	2.65	3.00
(6)	60.00	195.00	350.00
(7)	2.70	3.19	2.60
(8)	21.00	26.60	30.00
(9)	30.00	39.90	30.00
(10)	4.20	8.00	30.00
(11)	35.00	39.90	30.00
(12)	4.40	5.74	5.60
(13)	4.40	5.74	5.60
(14)	17.50	18.25	18.00
(15)	3.00	2.00	3.00
(16)	1.80	3.32	5.00
(17)	72.00	119.00	150.00
(18)	24.00	35.90	100.00
(19)	144.00	120.00	250.00
(20)	1.00	1.06	1.40

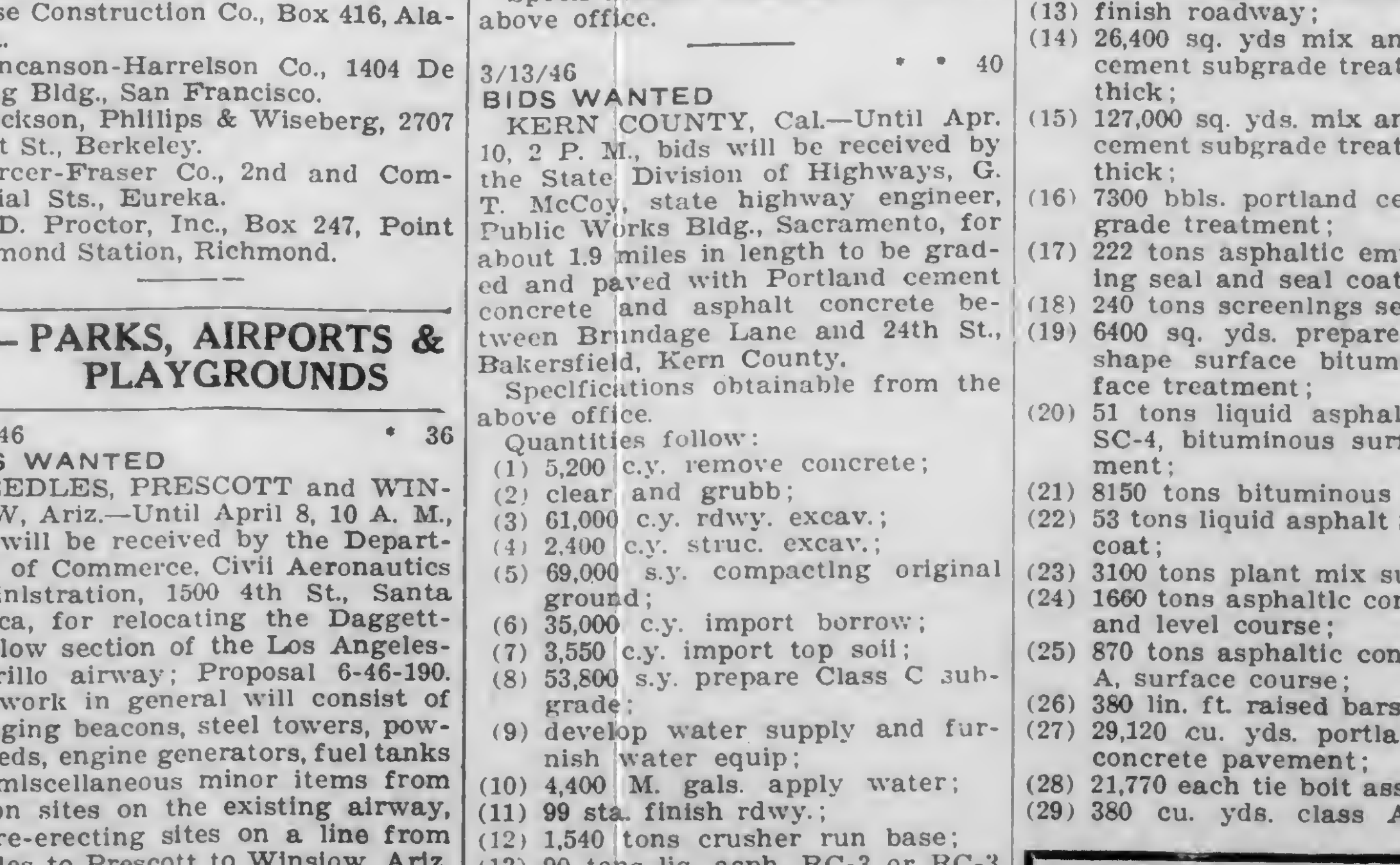
(Continued on Page Four)

BIDS WANTED
On building of 200 SINGLE FAMILY FRAME HOUSES, standard construction, located in SAN JOAQUIN VALLEY. Plans and Specifications available upon request to:
MR. BELL
310 MASON BUILDING FRESNO, CALIF.

BIDS WANTED
On building of 48 SINGLE FAMILY HOMES, STANDARD CONSTRUCTION, located in MADERA. Plans and Specifications available upon request to:
MR. BELL
310 MASON BUILDING FRESNO, CALIF.

PIPE
PIPE - VALVES - FITTINGS
Facilities for pipe bending and manifolds
Write for Prices
Pacific Pipe Co.
160 Spear St., San Francisco

MACHINERY WANTED
Semi - Trailer, 20 - 25 ton Capacity
STRONG & MacDONALD
4045 RUSTON WAY TACOMA, WASHINGTON



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OAKLAND, CALIFORNIA

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS Applications

SAN FRANCISCO

CLASS "C" LAUNDRY (2-story), $111,000; SE 18th and Folsom Sts; owner, Green Glen Dairy, 30 Berry St; builder, Gene Compton Corp, 144 Ellis St; architect, Albert R Williams, 251 Post St.

ALTER LAUNDRY, $40,000; 2140 O'Farrell St; owner, Mrs I Deitrich, premises; builder, Fred W Schnell, 666 Mission St.

CLASS "C" INDUSTRIAL BUILDING, $34,000; E 7th 80 N Brannan Sts; owner, James S Noble Jr, 2100 17th St; builder, James H Hjul, 128 Russ St.

CLASS "C" INDUSTRIAL BUILDING, $12,000; SW Minna and Russ Sts; owner, A C Lo Prest Co, 560 7th St; day work.

ALTER TAVERN, $9000; 1232 Noriega St; owners, T and Mary Bargioni, 1334 30th Ave; builder, A Conrad Johnson, 1294 32nd Ave.

DWELLINGS (1-story frame) (12), $5700 each; E 45th Ave 175, 200, 225, 250 N Santiago; E 44th Ave 150 N Moraga; W 46th Ave 225, 250 N Ortega; N Pacheco 32.6, 82.6, W 47th Ave; N Pacheco 82.6, 107.6 E 48th Ave; owner and builder, M J King Co, 231 Franklin St.

DWELLINGS (1-story frame) (4), $5000 each; E 44th Ave 250 S Santiago; E 44th Ave 100, 125 S Lawton; E 44th Ave 225 S Santiago; owner and builder, M J King Co, 231 Franklin St.

DWELLING (1-story frame), $4500; E Tunnel 75 N Blanken; owner and builder, W McCauley, 4931 17th St.

ALTER RESTAURANT, $4000; 1833 Irving St; owner, Ella Keiser, 1833 Irving St; builder, Mundet Cork Corp, 440 Brannan

ALTER STORE AND FLAT, $4000; 4760 Mission St; owner, Thomas Valerga, 4666 Mission St; builder, Bosmos Construction Co, 4666 Mission St.

ALTER DWELLING, $2300; 18 Bonview St; owner, John McGraw, 18 Bonview St; builder, Cramer Co, 345 Vermont St.

ALTER FLATS, $1280; 2854 Bush St; owner, Mrs Boyer, premises; builder, Victor L Peterson, 16 Hill St.

ALTER DWELLING, $1000; 3352 Clay St; owner, D A Pike, premises; builder, A Conrad Johnson, 1294 32nd Ave.

ALTER FLAT and DENTAL OFFICE, $1000; 325 Castro St; owner, C W DeGuerre, 508 Liberty St; day work.

ALTER SHEET METAL SHOP, $1000; 550 Natoma St; owner, Geo D Rodgers, 4232 25th St; day work.

ALTER STORE, $1000; 316 6th St; owner and builder, Wellnitz & De Narde.

ALTER DWELLING, $800; 2036-40 Sutter St; owner, T C Williams, 1829 Steiner St; builder, Martinez & Calhoun, 528 Hemlock St.

ALTER APARTMENTS, $700; 1440 Steiner St; owner, Mrs Halpern, c/o contractor; builder, Wellnitz & De Narde, 316 6th St.

BUILDING PERMITS Granted

SAN FRANCISCO

MARCH 11, 12, 1946

ALTER commercial bldg and warehouse, $1900; 972 Mission Street; owner, Dohrmann Hotel Supply Co.

ALTER factory, $6000; SW Cor. 17th and Rhode Island; owner, J Fischbeck.

ALTER store, $1500; Market St at Stockton St; owner, Roos Bros.

RESIDENCE, 2-story frame, $8000; SW Yukon and Eagle St; owner, Mrs A Paratore.

DWELLINGS, two 1-story fr, $5,400, $5000; E Great Highway 350 S Moraga; SW cor. 33rd Ave and Lincoln Way; owner, United Housing Corp.

ALTER dwelling, $3000; 975-7 Lombard St; owner, Alice A Hudson.

INCINERATOR and storage building, add to Class C, $18,000; 1175 Market St; owner, J M Long & Co.

ALTER residence to flats, $2000; 305 30th St; owner, Manfred Axelson.

ALTER coffee shop, $2000; NW cor O'Farrell and Taylor; owner, Californian Hotel.

ALTER restaurant, $18,000; SE cor 7th and Market Sts; owner, Foster Lunch Co.

ALTER dwelling, $750; 156 Guttenberg St; owner, Ernest W Block.

FACTORY, Class A, $152,000; Tennessee St near 20th; owner, American Motor Co, Inc.

ALTER brew house (2nd unit), $60,000; E Juniper 150 N Bryant St; owner, S F Brewing Corp.

DWELLING, 1-story frame, $5500; E Alemany Blvd 77.25 N Chester Ave; owner, Bryan Treadway.

ALTER store, $5000; 1163 Market; owner, C H Baker Shoe Co.

ALTER flats, $3500; 117-19 LeRoy Place; owner, A Andrew.

OAKLAND

WAREHOUSE, 1-story, $33,500; 2140 Livingston St; owner, National Automotive Fibres, Inc, 2230 Livingston St; contractor, S G Johnson, 4652 Dolores Ave; architect, E O Blodgett, 1989 Hoover Ave.

DWELLINGS, two, $4500 each; 9903 Cherry St, 1736 99th Ave; owner and builder, J M Walker, 1631-D University Ave, Berkeley.

DWELLINGS, four, 1-story 5-room, $4000 each; 9917 Cherry St, 1722, 2018, 2024 99th Ave; owner and builder, J M Walker, 1631-D University Ave, Berkeley.

ALTER and addn, $21,000; 1310 14th St; owner, Carnation Co, prem; contractor, Marvin E Collins, 825 Galvin Dr, El Cerrito; plans by Hugh O'Neil, 610 16th St.

ADDITION, $550; 523 Adeline St; owner and contractor, J C Ford, 523 Adeline St.

ALTER, $1000; 1702 7th St; owner, John Cabibi, premises; contractor, Clifford Jacobsen, 4424 Virginia.

DWELLINGS, three, 1-story 6-room, $10,000 each; 4621, 4633 and 4654 Geranium Place; owner and contractor, L H Lincoln, 4158 Mtn Blvd.

ALTER and repairs, $1500; 360 Willow St; owner and contractor, Benjamin Thomas, MD, 3251 Harrison.

STORE bldg, concrete, $1000; 2220 Linden St; owner, John Dobney, prem; contractor, J R C Traylor, 3220 Louise St.

ADDITION, 1-story, $7000; 15 Rio Vista Ave; owner, M S Markota, prem; contractor, Larson & Smock 19 Rio Vista Ave.

ALTER to dwelling, $800; 848 Chestnut St; owner, Kyle Richmond, 848 Chestnut St; contractor, J R C Traylor, 3220 Louise St.

ADDITION, $1500; 1858 Mtn Blvd; owner, Bert Rickets, prem; contractor, A Henrikson, 432 63rd St.

ALTER to dwelling, $1600; 6383-85 Dana St; owner, Walter Wood, 6385 Dana St; contractor, A Curly Hendrikson, 432 63rd St.

ALTER to apts, $2500; 1615-A-B 46th Ave; owner and contractor, G A Hoagland, 2929 Broadway.

REPAIRS, $600; 1003 10th St; owner Mr, Carlson, premises; contractor, Parker & Ashton, 2401 MacArthur.

DWELLING, 1-story 5-room, $6850; 3322 Rubin Dr; owner and builder, G E Scroggins, 2178 E 24th Street; garage, 1-story, $700.

ALTERATIONS, $1000; 3216 Dakota St; owner and contractor, W Mokew, premises.

ALTERATIONS, $500; 5300 Grove; owner and contractor, Bernardi Furniture Co, 5300 Grove Street.

FINISH Bldg, $10,000; 1771 36th Ave; owner, Hellenic Protogonous Apost, premises; contractor, C M Church, 2277 E 14th St.

ALTERATIONS, $500; 717 98th Ave; owner and contractor, Ernest D Bianzi. 715 98th Ave.

SIGN, electric, $1700; 4481 E 14th St; owner, Talk of the Town, prem; contractor, American Neon Displays, Inc. 1051 19th Ave.

ALAMEDA

ADDITION, $1017; 2807 Marina Dr; owner, E V Stilwell, 2807 Marina Dr; builder, Pioneer Builders, 516 San Pablo Ave.

GARAGE, $500; 2943 Gibbons Dr; owner, Les Bruzzone, 308 Lincoln Ave; builder, S J Dowling, 2800 Clay St.

DWELLING (2-story 6-room), $12,000; 2943 Gibbons Dr; owner, Leslie Bruzzone, 308 Lincoln Ave; builder, S J Dowling, 2800 Clay St.

ALTERATIONS, $3100; 2164 Pacific Ave; owner, Frank Brown, 3164 Pacific Ave; builder, D E McDonald, 631 Buena Vista.

ALTERATIONS, $4000; 1507-09 Webster St; owner, Charles V Volberg, Los Angeles; builder, D E McDonald, 631 Buena Vista.

ADD AND ALTER, $3500; 1901 Park St; owners and builders, B C Williams and C M Reid, 1901 Park St.

ALTERATIONS, $650; 645 Haight; owner, Etta Curtis, 645 Haight; builder, Pioneer Builders, 516 San Pablo.

ALTERATIONS, $500; 2613 Central Ave; owner, K Lee, 2613 Central Ave; builder, Samuel Lee, 3006 Thompson Ave.

PALO ALTO

RESIDENCE and garage, $8750; 2101 Middlefield Rd; owner, L H Przybyla; contractor, F W Winningar, 1216 Pine St, San Jose.

RESIDENCE and garage, $8750; ......; owner, Coastwise Constr Co, 2499 Middlefield Rd; builder, E Cornblum, prem; architect, W E Huson 475 24th Ave, San Francisco.

RESIDENCES, 2, and garages, $10,500 each; 712 and 780 Garland Ave; owner, Coastwise Constr Co; contractor, E Cornblum; architect, W E Huson.

ALTER residence, $1000; 1125 University Ave; owner, B Q Wolff-Salin, prem; contractor, Aro and Okerman, Box 433.

RESIDENCE and garage, $11,000; 1355 Greenwood Ave; owner, Nelson Welbanks, 15 Jeter St, Redwood City.

RESIDENCE and garage, $7100; 119 Mariposa Ave; owner and builder, C A Pellymounter, 2330 Tasso St; architect, G L Rosebrook, San Leandro.

ADDN to residence, $500; 2546 Cowper St; owner, Ray C and Anna Olmstead.

ATHERTON

RESIDENCE, $16,000; 172 Stockbridge Ave; owner, E E Wuestefeld.

ALTERATIONS to auditorium, interior, $20,000; Valparaiso Avenue, Menlo Park School Dist; owner, Sacred Heart Academy; contractor, Barrett & Hilp, 918 Harrison St, San Francisco.

ADDN to dwelling, $1500; 126 Catalpa Drive; owner, F M Sherman; contractor, Nichols - White, 156 University Ave, Palo Alto.

ADDN to dwelling, $6000; 93 Camino; owner, Fred H Rodenbaugh; contractor, C J Kearns, 2775 El Camino Real.

REDWOOD CITY

DWELLING (5-room) and GARAGE, $6000; 636 Poplar; owner, Leo Leroy; buildr, Albert L Balmtag.

REMODEL and NEW FOUNDATION, $1500; 46 Hemlock; owner and builder, C C Reid.

ALTER FOR APT. UPSTAIRS, $1500; 24 Wilson; owner and builder, D E Crowley.

DWELLINGS AND GARAGES (2), $6500 each; 417, 341 Poplar; owner and builder, David Holder, Box 335, Willits.

DWELLINGS and GARAGES (2), $6000 each; 349, 333 Poplar; owner and builder, David Holder, Box 335, Willits.

DWELLING and GARAGE, $5500; 409 Poplar; owner and builder, David Holder, Box 335, Willits.

DWELLING and GARAGE, $5000; 357 Poplar; owner and builder, David Holder, Box 335, Willits.

SAN MATEO COUNTY (Unincorporated)

RESIDENCE, $7000; SE 50 ft Lot 3, Block 6, Nash Tract, Nash Ave; owner and builder, A Frykman, 291 Willow Rd, Palo Alto.

RESIDENCE, $10,000; N 50 ft Lot 5, Block 8, Menalto Ave, Palo Alto Park; owner and builder, John H Defenbaugh, 2248 Poplar St, Palo Alto.

POULTRY HOUSE, $7000; 1.50 acres Coleman Ave, Menlo Oaks; owner and builder, T R Upton, 1135 Francisco, San Francisco.

RESIDENCE, $6000; Lot 2, Block 6, Selby Lane Ext, Oakleigh Park; owner and builder, George Moncrief, 1006 Arguello St, Redwood City.

RESIDENCE, $8500; Lot 1, Block 24, Stanford Ave, University Park; owners, Mr and Mrs R Bettini, 736 Harvard Ave, Menlo Park; builder, E Bongio, 820 University Dr, Menlo Park.

ADD VALUATION FEE, $15,000; Woodside Rd, Greersburg School District; owners and builders, A and J Caminoli, Scogliola, Redwood City.

RESIDENCE, $9000; Lot 19, Block 22, Devonshire Blvd, Devonshire Properties; owners and builders, H and A Wessa, 1870 18th Ave, San Francisco

ADD TO RESIDENCE, $2000; Lot 4, Block G, Country Club Dr, Country Club Park; owner and builder, R Barnard, San Bruno.

RESIDENCE, $15,000; Lot 4 and E 14 ft Lot 5, Block 23, Taylor Blvd, Millbrae Highlands; owners, Mr and Mrs L S Wilson, 421 Taylor Blvd, Millbrae; builder, A C Lindgren, 346 Lowell St, San Francisco.

RESIDENCES (4), $6000 each; ptn Lot 8, Block 3, Page St;ptn Lot 8, Block 3, Page St; ptn Lot 8, Block 3, Page St; ptn Lot 8, Block 3, Page St, Friendly Acres; owner and builder, J E McCarthy, 50 Hudson St, Redwood City.

RESIDENCE, $12,000; Lot 13, Block 6, Leland Ave, University Park; owner and builder, B W Hartman Jr, 200 W Rincon Ave, San Jose.

FACTORY, $18,000; ptn of 23 acres, Dumbarton Lane, Redwood School District; owner and builder, Tynan & Rogers, Salinas.

SWIMMING POOL, $4000; 27.63 acres Lots 21 to 24, Eaton Ave, Laurel Terrace; owner, Ella McNutt, Eaton Ave, Redwood City; builder, Landon Standard Pools.

FRESNO

STORE, $30,000; 644 Olive; owner, O J Woodward; builder, J T Cowan.

STORAGE BUILDING, $18,000; 2953 Hamilton; owner, Golden Valley Supply Co; builder, Harris Construction Co.

STORE, $17,000; 752 Fulton; owner, L I Kemalyan; builder, L H Hansen & Son.

DUPLEX AND GARAGE, $13,000; 3263-67 Platt; owner, W M Dustan.

WHOLESALE BUILDING, $10,000; 523 P St; owner, Coast Radio Supply Co; builder, L H Hansen & Son.

DWELLING AND GARAGE, $8000; 5070 Platt; owner, Hilton W McConnell; builder, Fred Horning.

DWELLING AND GARAGE, $7000; 5078 Fillmore; owner, Jack Simmons.

GARAGE, $4200; 842 Blackstone; owner, Jack Gibson; builder, Irwin D Martin.

ALTER BUILDING TO DUPLEX, $2500; 734 N St; owner, John Diaso.

DWELLING AND GARAGE, $2000; 640 N Mariposa; owner, Von Latta Zella.

ADD TO PLANT, $1900; 4225 Tulare; owner, Pete Hill; builder, William Dame Co.

ADD TO DWELLING, $1400; 2137 Vayedes; owner, Harold L Jones.

ADD TO DWELLING, $1200; 604 University; owner, Grace Husinger.

GARAGE, $1000; 2240 Howard; owner, Ethel Lobin.

ADD TO DWELLING, $500; 4930 Iowa; owner, W D Randall.

Plumbing Permits

OAKLAND

521 40th St; owner, Key Cleaners; dealer, Wm P O'Toole; 3 fixtures.

444 Lee St; owner, Robinson; dealer, J Tancredy; 4 gas outlets.

8411-13-15 E 14th St; owner, H Schuter; dealer, J Tancredy; 6 fixtures; 3 gas outlets.

638 El Dorado Ave; owner, Burman; dealer, J Goldstein; 3 fixtures.

5408 Trask Ave; owner, Ernst; dealer, H Sogn; 4 fixtures.

2552 Truman; owner, Minks; dealer, Tom Lynch; 3 fixtures.

701 Fallon St; owner, Artinayan; dealer, Tom Lynch; 3 fixtures.

1537 Fruitvale Ave; owner, Anderson; dealer, E J Hoerst; 2 fixtures.

394 Euclid; owner, Pioneer Building; dealer, E Hoerst; 3 fixtures.

1858 Mountain Blvd; owner, M Ruckets; dealer, Wm P O'Toole; 2 fixtures.

15 Rio Vista; owner, Larson; dealer, H Sogn; 5 fixtures; 4 gas outlets.

6930 Chabot Rd; owner, Morgenson Bros; dealer, Wm Ambrose; 8 fixtures; 4 gas outlets.

4077 Laurel Ave; owner, J R Smith; dealer, Paddy Bouno; 2 fixtures.

Furnace Permits

OAKLAND

2711 Oliver; owner, Walker Constr Co; dealer, Atlas Htg & Vent Co; floor furnace.

1353 El Centro; owner, Beckett; dealer, Atlas Htg & Vent Co; central furnace.

818 Trestle Glen; owner, Rhone; dealer, Atlas Htg & Vent Co; central furnace.

1363 61st Ave; owner, O'Leary; dealer, Bernhardt-Strohmaier; floor.

3209 Stanley; owner, Nelson; dealer, Gernhardt-Strohmaier; floor.

647 Mariposa; owner, McCord; dealer, Lawrence Viale; floor.

CESSATION OF LABOR

CONTRA COSTA COUNTY

March 8, 1946—PARCEL of land in Rancho Las Juntas, nr Walnut Creek. Frank Aiman to whom it may concern........ Work Ceased March 7, 1946

Completion Notices

SAN FRANCISCO

Recorded Accepted

March 12, 1946—NW SOUTH Park 100 NE 3rd St. Daniel P Murphy to Brendon J Murphy Mar 5, 1946

March 12, 1946—N LOMBARD 76 W Scott. Daniel P Murphy to Brendon Murphy Realty & Constr Company..................Feb 15, 1946

March 12, 1946—601 and 609 RANDOLPH. Edward E Dahlstrom to whom it may concern..................March 12, 1946

March 12, 1946—W 41st AVE 100 S Judah St. Chas Ingerman to whom it may concern..................March 11, 1946

March 12, 1946—SE BRIDGEVIEW Dr 17.932 NE from SW line lot 1 Block 5335-R, known as 235 Bridgeview Dr. Trygne Kolsberg to whom it may concern..................March 12, 1946

March 12, 1946—N 31 ft LOT 17 Blk 1136, Francisco Heights. Oliver M Rousseau to whom it may concern..................March 11, 1946

ALAMEDA COUNTY

Recorded Accepted

March 12, 1946—LOT 12 Blk 22, Resubdiv of ptn of North Cragmont, Berkeley. Mary L Lords to G O Vest..................March 7, 1946

CONTRA COSTA COUNTY

Recorded Accepted

March 8, 1946—LOT 6, Tenth Street Subdiv, Pittsburg. Lawrence G Longacre to V A Davi & Sons..................March 7, 1946

SAN MATEO COUNTY

Recorded Accepted

March 8, 1946—SUNNYBRAE Sch Site, San Mateo. Board of Trustees of San Mateo Elementary School Dist to Adam Arras and Son..................March 4, 1946

March 8, 1946—LOT 12 Blk 23, San Mateo Map No 7, San Mateo. Andw J Gawley to Hillyer Deuprey..................March 5, 1946

March 5, 1946—LOT 25 Blk 25, Terrace Gardens. W W Holden to whom it may concern..................March 4, 1946

March 5, 1946—LOTS 16, 17 and 18 Blk 9, Robinson Sum. Seconda Penna to Harry H Weiner..................March 1, 1946

March 5, 1946—LOT 2 Blk 4, Terrace Gardens. W Holden to whom it may concern..................March 4, 1946

March 6, 1946—LOT 5 Blk 26, San Mateo Terrace. Wayne E Kelly etc to Peninsula Home Builders..................February 28, 1946

March 6, 1946—LOT 12 Blk 25, San Mateo Terr. Evan S Lloyd, etc to Peninsula Home Bldrs..................February 28, 1946

March 6, 1946—LOT 1 Blk 6, Baywood Knolls. Douglas B Wilsac, etc to Peninsula Home Bldrs..................March 6, 1946

March 6, 1946—LOTS 2, 3, 4, 5 and 6 Blk 25. San Mateo Terrace. Quality Home Builders to Peninsula Home Bldrs....March 6, 1946

March 7, 1946—LOT 13 Block 33, White Oaks. Thomas F Eberhard to Frank A Poirier..................February 28, 1946

March 7, 1946—NE COR Roosevelt Ave and Adams St. Frank J Friano, etc to Peninsula Bldg Co..................February 28, 1946

March 7, 1946—LOTS 3 and 4 Blk 31, North Redwood. John L Talkinton, etc to whom it may concern..................March 5, 1946

March 9, 1946—LOT 7 Blk 7, Lenolt. John E McCarthy to Self..................March 4, 1946

March 9, 1946—LOTS 41 and 42 Sub 3, Peninsula Foothills. Geo Ames to whom it may concern..................March 9, 1946

March 9, 1946—PTN LOTS 1 and 2 Blk 12, San Carlos. Raymond Staltel to Arvil I Larsen..................March 4, 1946

MARIN COUNTY

Recorded Accepted

March 8, '46—SAN RAFAEL. Harvey Godtfredsen to whom it may concern..................March 1, 1946

March 8, 1946 — HAWTHORNE Hills, San Anselmo. Arthur H Krisel to A von Rotz...Feb 28, 1946

March 8, 1946—NOVATO Ranch. Alfred C Coster to A von Rotz..................February 28, 1946

SAN MATEO COUNTY

Recorded Accepted

March 4, 1946—LOTS 6, 7 and 8, Lewis Sub, Belmont. Mrs Ingeborg Peterson to Sjoberg and Sjoberg..................March 1, 1946

March 4, 1946—LOT 8 Blk 2, Unit No 1, Laurel Park, San Mateo. Lawrence J and Lean D Garrigan to O C Moroney......Mar 1, 1946

March 4, 1946—NW 40 ft front and rear, Lot 8 Blk 8, Oak Park, San Carlos. Chris D McKeon to McKeon's Constr Co......March 4, 1946

March 4, 1946—SE 40 ft, front and rear, Lot 13 Blk 11, Oak Park, San Carlos. Chris D McKeon to McKeon Constr Co....Feb 25, 1946

March 4, 1946—NW ½, front and rear, Lot 4, Block 17, Oak Park, San Carlos. Chris D McKeon to McKeon Constr Co....Feb 25, 1946

March 4, 1946—LOT 218, Southwood Map No 3, South San Francisco. American Homes Development Co to G W Williams Co....Feb 28, 1946

March 4, 1946—716 CRESCENT, San Mateo. Thos Gordon and Elizabeth P Greene to O C Moroney..................February 1, 1946

March 4, 1946—LOTS 39 and 40, Bayview Heights, Belmont. L S Morton to Baker & Morton..................March 4, 1946

Non-Responsibility

SAN FRANCISCO

March 12, 1946—1244 MARKET ST. Kohler & Chase as to improvements on property.

March 12, 1946—1316 PORTOLA Dr. Fred A Gross and Matilda Arnott as to improvements on property.

March 11, 1946—50 POST Street. Crocker First National Bank of San Francisco as to improvements on property.

March .. , 1946—414-430 MASON St. Hall Assn of Native Sons of the Golden West as to improvements on property.

Electrical Permits

SAN FRANCISCO

9450 714 Sansome; owner, Kindle Graham; contractor, Quality Electric Co; service; motors.

9451 2054 Powell; owner, Payne; contractor, Charles Yick; 1 outlet; 1 switch.

9752 541 Montgomery; owner, Lee; contractor, Chas Yick; 5 outlets; 6 plugs.

9753 529 Broadway; owner, Frank Cafe; contractor, Northern Electric; 9 outlets.

9754 867 Market St; owner, Hale Bros; contractor, Pacific Elec & Mech Co; alterations.

9755 1763 27th Ave; owner, ...; contractor, Frank F Goodman; 4 outlets; 5 switches; 4 plugs.

9756 760 Mission St; owner, Royal; contractor, O'Keeffe the Fan Man; motors.

9757 47 Hunt; owner, Salvation Army; contractor, O'Keeffe the Fan Man; motors.

9758 556 Clay; owner, Western California; contractor, O'Keeffe the Fan Man; motors.

9759 1821 Haight; owner, Terry's Lodge; contractor, O'Keeffe the Fan Man; motors.

9760 450 Battery; owner, Western Catalog Co; contractor, O'Keeffe the Fan Man; 2 plugs.

9761 Polk and Turk Sts; owner, California Hall; contractor, O'Keeffe the Fan Man; motors.

9762—Cancelled.

9763 275 Pacheco; owner, Wenk; contractor, Bertrand Electric; 3 outlets; 1 switch; 1 plug.

9764 4910 3rd St; owner, Ronari's Market; contractor, Porter Electric; 7 outlets; 4 switches; motors.

9765 7th and Irwin Sts; owner, Standard Oil Co; contractor, Atlas Electric & Eng Co; ....

9766 256 Sutter St; owner, ...; contractor, Elevator Supply Co; motors.

9767 1941 Leavenworth; owner, Mrs Atkins; contractor, Malm & Welter; 2 plugs

9768 1657-55A Washington; owner, Miss McKinney; contractor, Malm & Welter; 2 switches.

9769 623 Larkin; owner, Alvera; contractor, Malm & Welter; 2 outlets.

9770 3352 Clay St; owner, D A Pike; contractor, Dowd-Seid Electric Co; 7 outlets; 6 switches; 10 plugs.

9771 159 Church St; owner, S A Thomas; contractor, Dowd-Seid Electric; alterations.

9772-80 Various locations and owners; contractor, Wonderlite Neon Products Co; signs.

9781 207 Powell; owner and contractor, James Hurst Co; ....

9782 1739 Fillmore; owner, Julia's; contractor, Ace Electric Contracting Co; 24 outlets; 4 plugs; service.

9783-84 Various locations and owners; contractor, Brite-Lite Neon Co; signs.

9785 766 Mission; owner, Federal Outfitting; contractor, Stone-Ryals Electric; 5 outlets.

9786 50 Hawthorne; owner, W R Ballinger; contractor, Stone-Ryals Electric; 5 outlets; 4 plugs

OAKLAND

36077 Railroad and Kennedy; owner, National Auto Fibre; contractor, Pacific Electric Motor; outlets; fixtures.

36078 1135 3rd St; owner, Simplex Manufacturing Co; contractor, Pacific Electric Motor; 13 outlets; 13 plugs.

36079 1148 E 18th St; owner, Mother's Cake & Cookie Co; contractor, Pacific Electric Motor; motors.

36080 SE 11th and Webster Sts; owner, Rossi's; contractor, M F Deach; alterations.

36081 5601 San Leandro Blvd; owner, Continental Can Co; contractor, Pacific Electric Motor; motors.

36082 2960 Chapman St; owner, Melrose Sheet Metal Co; contractor, Pacific Electric Motor Co; outlets; switches; fixtures; plugs; alterations.

36083 10th and Franklin Sts; owner, Tucker; contractor, T L Rosenberg; service.

36084 1441 Franklin St (3rd floor); owner, Beckett; contractor, T L Rosenberg Co; 15 fixtures; 8 plugs.

36085 4th and Clay Sts; owner, Interurban Express; contractor, T L Rosenberg Co; outlets; fixtures.

36086 333 Center St; owner, Stillwell; contractor, T C Moody; 12 outlets; 5 switches; 12 fixtures; 14 plugs

36087 701 Fallon St; owner, Antenyan; contractor, T C Moody; 4 outlets; 3 switches; 4 fixtures; 3 plugs; service.

36088 1173 19th St; owner, Burette; contractor, T C Moody; 5 outlets; 1 switch; 5 fixtures.

36089 SE 19th and Harrison Sts; owner, Cameo Store; contractor, Roberts Lighting Fixture Co; 8 outlets; 8 switches; 4 fixtures; 3 plugs.

36090 1182 71st Ave; owner, Petlick; contractor, Flagler Electric Co; range.

36091 4059 Sequoia Rd; owner, Michaelini; contractor, Flagler Electric Co; alterations.

36092 6922 Weld St; owner, Fisher; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

36093 7612-7618 E 14th St; owner, Ganley; contractor, Del Monte Electric Co; outlets; switches; fixtures; plugs.

36094 3440 Harlan; owner, Romak Iron Works; contractor, Del Monte Electric; outlets; swithces; fixtures; plugs; alterations.

36095 2619 Magnolia; owner, Laher Spring & Tire Co; contractor, T L Rosenberg; 12 outlets; 2 switches; 4 fixtures.

36096 468 13th St; owner, Muddleman; contractor, T L Rosenberg Co; outlets; switches; fixtures; plugs.

36097 2619 E 12th St; owner, Hammer Bray Co; contractor, T L Rosenberg; 8 outlets; 1 switch; 8 fixtures.

36098 936 E 12th St; owner, Doty & Lockwood; contractor, T L Rosenberg; 38 outlets.

36099 2810 Broadway; owner, Incandescent Supply Co; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

36100 4002 MacArthur; owner, Mode O'Day; contractor, Fluoro Electric; fixfures.

36101 9248 E 14th St; owner, Franklin; contractor, Fluoro Electric; fixtures.

36102 7308 MacArthur; owner, Mode O'Day; contractor, Fluoro Electric; fixtures.

36103 736 Washington; owner, Occidental Buffet; contractor, Paramount Electric; fixtures; alyterations

36104 848 32nd St; owner, Branssard; contractor, Paramount Electric; alterations

36105 2275 Foothill Blvd; owner, Paul's Auto Service; contractor, Paramount Electric; fixtures; alterations

36106 472 13th St; owner, Southern Pacific; contractor, C A Langlais; outlets; switches; fixtures; plugs; alterations.

36107 1036 Fruitvale Ave; owner, Terry; contractor, James Anderson; outlets; fixtures; plugs.

36108 2953 MacClure; owner, Pedgrift; contractor, Clifford Electric; outlets; switches; fixtures; plugs; alterations.

36109 6980 Colton Blvd; owner, McClure & Chopin; contractor, Clifford Electric; outlets; fixtures.

36110 4002 MacArthur; owner, Roth; contractor, Scott-Buttner Electric Co; alterations.

36111 400 High St; owner, Carter Lumber Co; contractor, Scott-Buttner Electric; alterations.

36112 3312 Brookdale; owner, L A Gifford; contractor, special owner's permit; 1 outlets; 1 switch; 2 fixtures.

36113 7 Monte Vista; owner, Ed Ryers; contractor, Piedmont Electric Co; alterations.

36114 14th and Franklin Sts; owner, Athenian Nile Club; contractor, Matson Electrical; fire repairs.

36115 E St and 100th Ave; owner, Butler Packing Co; contractor, Pacific Electric Motor Co; motors.

36116 315 E 12th St; owner, Buchanan; contractor, General Neon Lite Co; sign.

36117 2973 San Pablo; owner, Roosevelt Liquors; contractor, General Neon Lite Co; sign.

36118 1671 8th St; owner, Chester Market; contractor, General Neon Lite Co; sign.

36119 4712 E 14th St; owner, Frederick; contractor, General Neon Lite Co; sign.

36120 380 5th St; owner, Betty Lou; contractor, T L Rosenberg; 2 motors.

36121 3104 Filbert St; owner, Mr Logan; contractor, T L Rosenberg; service.

36122 W side Marrion 19 ft N of 17th St; owner and contractor, Foster & Kleiser; 3 outlets; 1 switch; 3 fixtures.

36123 2500 E 12th St (rear); owner, Brogue & Dell; contractor, Fox Electrical Co; 1 outlet; motors.

36124 2001 Drake Dr; owner, Buecount; contractor, Fox Electrical Co; 6 outlets; 1 switch.

36125 NW corner 16th and Telegraph; owner, Latham Square Bldg; contractor, California Electric Co; alterations.

36126 1771 36th Ave; owner, Clyde Church; contractor, California Electric; service.

36127 2006 69th Ave; owner, Baytoni; contractor, Flagler Electric Co; 2 outlets; 2 switches; 2 fixtures; 2 plugs.

36128 2631 Seminary Ave; owner, Mrs Reardon; contractor, Broadmoor Electric; 4 plugs; alterations.

36129 3019 Foothill Blvd; owner, E Andrade; contractor, C A Langlais; 1 outlet; 1 switch; 5 plugs; alterations.

36130 2917 Nichol Ave; owner, Doe; contractor, Del Monte Electric Co; outlets; switches; plugs.

36131 2693 68th Ave; owner, Doe; contractor, Del Monte Electric; outlets; plugs.

36132 10200 Dante; owner, Dwight Cottons; contractor, Del Monte Electric; outlets; plugs.

36133 4225 Broadway; owner, W A Swinger; contractor, Paramount Elec Co; alterations.

36134 1438 82nd Ave; owner, Bethel; contractor, Collins Electric; outlets; switches; fixtures; plugs.

36135 2031 Tampa; owner, Doe; contractor, Collins Electric; outlets; switches; fixtures; plugs.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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42— MISC. SUPPLIES AND MATERIALS

3/13/46 • • 42

BIDS WANTED

TUCUMCARI, N. M.—Until March 26, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver, Colo., under Spec. A-32,990-A for precast reinforced concrete culvert pipe, f.o.b. shipping point and/or Tucumcari, N. M., Tucumcari Project, New Mexico.

Specifications obtainable from the above office.

3/13/46 •• 42

BIDS WANTED

SAN FRANCISCO.—Until March 20, 2 P. M., bids will be received by the U. S. Treasury Department, 821 Market St., San Francisco, under Inv. SF-2855-46 for telephone poles, Douglass fir or southern yellow pine if unable to offer western red cedar), f.o.b. shipping point and/or King City.

3/13/46 •• 42

BIDS WANTED

FORT PECK, Montana.—Until Mar. 28, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Inv. 18,686-A for 6 air-break switches, 600-ampere, 115-kv., 3-pole, manually-gang operated, f.o.b. shipping point and/or Williston, N. D., and Glendive, Mont., Ft. Peck-Williston 115-kv. transmission line; Williston - Garrison and Glendive - Miles City 115-kv. transmission line.

Specifications obtainable from the above office.

3/13/46 •• 42

BIDS WANTED

BONNEVILLE, Wyo.—Until Mar. 27, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver 2, Colo., under Inv. 64,004-A for conductor, armor rods, etc., f.o.b. shipping point and/or Bonneville, Wyo.; Pilot Butte-Thermopolis tap to Boysen dam.

Specifications obtainable from the above office.

3/13/46 •• 42

BIDS WANTED

ODAIR, Wash.—Until March 18, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Inv. F-38,491-A for 350,000 bbls. modified portland cement in paper sacks, f.o.b. shipping point and/or Odair, Wash., South Coulee Dam, feeder canal, pumping plant and miscellaneous.

Specifications obtainable from the above office.

3/13/46 •• 42

BIDS OPENED

SAN FRANCISCO.—The following submitted bids to the purchaser of supplies, 270 City Hall, under Bid No. 3499 for furnishing and delivering armature and field coils for the Municipal Railway.

John A. Roebling & Sons, (1) $98.90 per set; delivery 49 days; ½% 10 days.

General Electric Co., (2) $56.98 per set; (3) $46.31 per set; (5) $9.13 each; (6) $11 each.

Westinghouse Electric Corp., (1) $84.50; (7) $23.50; (8) $23.50; (9) $15; (10) $15; net 30 days; 60 days' delivery.

3/13/46 • 42

BIDS WANTED

PANAMA CANAL.—Until Mar. 18, bids will be received by the General Purchasing Officer, The Panama Canal, Washington 25, D. C., under Sch. 8204 for 1 grinder frame and motor only, power; 500 high-carbon steel splice bars, and 1,080 ft. phosphor bronze ribbon.

3/13/46 • 42

BIDS WANTED

PANAMA CANAL.—Until Mar. 18, bids will be received by the General Purchasing Officer, The Panama Canal, Washington 25, D. C., under Sch. 8207, for 1,000 lbs. of spring steel; 500 lbs. tool steel; 2 pcs. structural steel plates; 4 steel angles; 1,000 pcs. steel bars, and 500 lbs. spring steel.

43— MACHINERY AND EQUIPMENT

3/13/46 • • 43

BIDS WANTED

CENTRAL VALLEY PROJECT, California.—Until April 3, 10 A. M., bids will be received by the Bureau of Reclamation, Redding, Calif., for the installation of two main generators in Shasta power plant, Kennett Division, Central Valley Project, California; Spec. 1226. The power plant is situated at Shasta Dam, near Redding, Calif. The work consists of installing and testing two 75,000-kv-a., unity power factor, 13,800-volt, 3-phase, 60-cycle, 138½ r.p.m., vertical-shaft, alternating current generators; 285 calendar days for completion.

Guarantee of 10% to accompany bids; no charge to prospective bidders for copies of the specifications; to others, $.75 per copy, not returnable, from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo.; R. L. Boke, regional director, Old Post Office Bldg., 7th and K Sts., Sacramento 14, Calif.; I. C. Harris, acting construction engineer, Redding, Calif., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington, D. C. Prospective bidders desiring to visit the site of the work should communicate with the acting construction engineer.

3/13/46 • 43

BIDS WANTED

MODESTO, Stanislaus Co., Calif.—Until March 27, 7:30 P. M., bids will be received by Modesto City Council, Rex. E. Gailfus, City Clerk, City Hall for furnishing and installing one deep well turbine pump with motor and control panel and for furnishing 3-25-kva. 2400/4160 volt to 240/480 volt single phase 60 cycle transformers (pole type).

Specifications obtainable from the above office.

3/13/46 •• 43

BIDS WANTED

SACRAMENTO, Calif.—Until Mar. 25 bids will be received by the State Purchasing Agent, Sacramento, under Quo. 42049, Req. 16708, for one 1½-cu. yd. heavy duty, diesel-powered, crawler-mounted shovel, f.o.b. Glendale.

3/13/46 43

CONTRACT AWARDED

CENTRAL VALLEY PROJECT, California. — Graybar Electric Co., Denver, Colo., at $39,795, awarded contract by the U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Denver, Colo., under Spec. 1144 for furnishing and delivering four (4) 230/196-kilovolt, 800-ampere, 3-pole, sigle - throw, outdoor type, 5-cycle, oil circuit breakers; one (1) 230/196 kilovolt, 800 ampere, 3 pole, single throw, outdoor type, 3 cycle, oil circuit breaker suitable for future 20 - cycle automatic reclosing; five (5) 196 kilovolt, 1200 ampere, 3-pole, single throw, manually gang operated, outdoor type disconnecting switches; three (3) 196 kilovolt, 1200 ampere, 3 pole, selector type, manually gang operated, outdoor type disconnecting switches with manually gang operated grounding blades, and three (3) single pole, thyrite or autovalve, outdoor, station type lightning arrester, designed for suspension mounting and suitable for service on a 230,000 volt, 3 phase, grounded-neutral circuit, for Shasta and Keswick power plants, Kennett Division, Central Valley Project, fob shipping point and/or Coram and Redding.

3/13/46 •• 43

BIDS OPENED

SACRAMENTO, Calif.—The following submitted bids to the State Purchasing Agent, Sacramento, under Quo. 37926, Req. 4781, for kettles for Fresno:

Standard Machinery Co., Roscoe RMT, $1337 each; total, $9359; 40-50 days; discount 3 per cent 30 days; add $19 each for 3/16-in. heads and 10-gage shells; delivery subject to 10 days' acceptance of order.

Coast Equipment So., South Bend M-2, $1325 each; total, $9275; 120 days net.

Edward R. Bacon Co., Littleford 101, $1159; total, $8113; 4-6 weeks; net.

Edward F. Hale, Standard Steel No. 61, $1049; total, $7346.50; 75 days; net.

3/13/46 •• 43

BIDS WANTED

SAN FRANCISCO. — Until March 22, 2 P. M., informal bids will be received by the Board of Park Commissioners, McLaren Lodge, Golden Gate Park, San Francisco, for steel rolled curtain door for Kezar Stadium

Specifications obtainable from the above office.

3/13/46 •• 43

BIDS WANTED

MONTEREY COUNTY, Calif.—Until March 18, 10 A. M., bids will be received by the State Division of Highways, L. H. Gibson, district engineer, 50 Higuera St., San Luis Obispo, for rental of one motor-powered heater planer mounted on rubber-tired chassis and including operators, fuels and lubricants, for approximately 8 working days' use on U. S. Highway 101, south of Gonzales.

Specifications obtainable from the above office.

3/13/46 •• 43

LOW BIDDERS

DAVIS DAM, Arizona.—William C. Schmitt, Portland, Ore., at $71,937.50, submitted low bid to the Bureau of Reclamation, Denver, Colo., under Spec. No. 1161 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Louise, Ariz., at the option of the bidder, five gate frames for the 17.5- by 34.66-ft. fixed-wheel gates for installation in the penstock structure at Davis Dam, Davis Dam Project, Kingman, Ariz.

Second and third low bids follow:

American Bridge Co., Denver, Colo., $92,086.

Lakeside Steel & Bridge Co., Milwaukie, Ore., $92,200.

3/13/46 •• 43

NO BIDS RECEIVED

BOULDER CANYON PROJECT.—No bids were received March 12 by the Bureau of Reclamation, Walker R Young, chief engineer, Denver, Colo, under Spec. No. 1168 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Boulder City, Nev., at the option of the bidder, two annunciator groups, each group consisting of a 12-unit lamp assembly, one common lamp, two push-button switches and accessories; six annunciator relay assemblies as follows: two "B" assemblies, each for operating four annunciator lamps and containing the common equipment for one anuciator group, ad four "T" assembles, each for operating four annunciator lamps, and two steel cabinets, each for housing one "B" and two "T" annunciator relay assembles, for installation at Boulder power plant, Boulder Canyon Project.

Classified Advertising

POSITION WANTED

Experienced ARCHITECTURAL DRAFTSMAN wants part-time work. Exper. in making sketches, floorplans, working drawings, details, etc., for residential, commercial or industrial work. Reply Box 37, c/o Daily Pacific Builder. 3/7-8-11-12/46

EXPERIENCED SPECIFICATION TYPIST desires temporary work. Write or wire Lillian Price, 1277 Spruce St, Berkeley. 3/12-13-14-15/46

HELP WANTED

CONSTR. SUPTS. for Industrial and Home Bldg. projects. Permanent employment and good salary for the right man. Work located in San Jose area. Reply Box 315 c/o Daily Pacific Builder. (3/13-14-15-18-19/46)

Experienced SALESMAN for RESIDENTIAL MODERNIZING, capable of meeting public, planning jobs and supervising crews. Location East Bay. Call THornwall 0620, ask for Mr. Moran. to 2/13/46

EXP. SUPT. on INDUSTRIAL and COMMERCIAL CONSTR. Excellent opportunity for right man. Phone SUtter 8266. (to 3/12/46)

EXPERIENCED ARCHITECTURAL DRAFTSMAN. Phone GArfield 1760. to 3/15/46

WANTED

CONSTR. SUPT. for large building contractor. Must have excellent record and references. Salary to start $750 a month. Reply Box 313 c/o Daily Pacific Builder. (3/13-14-15-18-19/46)

CHIEF ESTIMATOR and MANAGER for large bldg. contractor. Must have excellent record and references. Salary to start $900 a month. Reply Box 314 c/o Daily Pacific Bldr. (3/13-14-15-18-19/46)

DRAFTSMAN wanted. Apply to John Hudspeth, Architect, with samples of work. 427 13th St., Oakland. •

Experienced ARCHITECTURAL DRAFTSMAN. Call for an interview. F. H. Reimers, A.I.A., 79 Post St., San Francisco.

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Fifty-sixth Year—Vol. 56— No. 51

SAN FRANCISCO, THURSDAY, MARCH 14, 1946

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PLANS and Speculations

Washington: Plans for a national nurses memorial in California have been revealed by Arthur H. Johnson of the committee studying the feasibility of such a memorial.

oOo

San Francisco: Tentative changes in the city building code are being discussed in an effort to relieve the parking congestion downtown. Plans is to require all new buildings with a frontage of 60 feet or more to have "off-street parking space to facilitate loading and unloading . . and for occupants of the structure."

oOo

Oakland: A roller skating rink was proposed to the city council as use of the exposition building adjoining the municipal auditorium. Mrs. Ethel Jean Kibbe, who made the offer of a five-year contract, claims the arrangement will give the city a guarantee of at least 12,000 yearly for a building which is used only infrequently under present conditions.

oOo

Fall River Mills: This community seeking incorporation following a chamber of commerce proposal to construct a $50,000 sewage disposal plant, financing of which might lead to incorporation. The chamber also discussed a site for the Dr. Thos. D. Wyatt hospital. Phil Rice and Jas. Black presided at the meeting in the absence of President Pat Ryan of the chamber.

oOo

Sacramento: The pre-fabricated house question is one of the major subjects being discussed before the 18th annual covention here of the California State Council of Carpenters, who represent more than 90,000 tradesmen.

oOo

Delano: Veterans are assured of at least 15 houses within the next two months if plans of the city council mature. Collaborating with the Kern County Housing Authority, the council is attempting to obtain defense housing from Washington and Oregon projects, move it here and erect it for veterans' use. A site on Jefferson St., between 4th and 5th Aves., has been selected.

Army Engineers Add Pacific Districts Embracing War Gains West To Japan

Manila, Okinawa and Honolulu districts, comprising the Western Ocean Division in the Army Engineers program, have been added to the 46 districts under Engineers control.

Lieut. Gen. Raymond A. Wheeler, chief of engineers, created the new division by authority of the Secretary of War.

Honolulu district, detached from the Pacific division, will embrace the Hawaiian, Line, Gilbert, Marshall, Caroline Marianas, Bonin, Wake, Marcus, Johnston and other islands lying between the 159th meridian east longitude, and 108th meridian, west longitude.

Okinawa district will include the Ryukyu Islands of the Japanese Archipelago.

Manila district will have headquarters in Manila and include the islands of Philippine Archipelago.

The newly-created Western Ocean Division will maintain headquarters in San Francisco with Col. George Mayo as acting division engineer. Col. Mayo holds ths same position in Pacific Division.

In carrying out their peacetime mission of improving rivers and harbors, flood control and other construction, Army Engineers now have jurisdiction in 12 divisions. It is planned the new division will care for military construction in the Pacific.

#

Shasta Dam Pilot Plant Opens Today

An event of far-reaching importance to all northern California will take place today at Shasta Dam on the Sacramento river when notables, executives of the Bureau of Mines, and other government officials take part in an informal ceremony opening a pilot plant for testing of mineral ores.

William W. Stephens, engineer in charge of the plan, said today that Dr. R. S. Dean, Assistant Director of the Bureau of Mines, will attend the opening with C. W. Davis, Chief of the Boulder City division. Rep. Clair Engle is slated to attend, conditions permitting.

The Redding Chamber of Commerce has issued invitations to steel manufacturers and other interested individuals. Because of limitations of space, the event is not public.

Close cooperation between the Mines and Reclamation Bureaus of the United States Department of the Interior has made the Shasta Pilot Plant possible, holding out to California industry a new prospect for postwar development and extending the benefits of the power generated by the Central Valley Project to an entire new field of productive endeavor.

Sacramento Subscribers . . .

Improved mailing service to Sacramento subscribers was inaugurated today under a special agreement with the U. S. Postal Department, Washington, D. C., which has granted permission to the Daily Pacific Builder to express by fast truck copies for subscribers in the valley center. This extra service, arranged through cooperation of the San Francisco post office, insures prompt delivery of the "Builder" to the Sacramento post office, which, in turn, delivers them speedily to the subscriber.

Bolles and Smith Series Lecturers

Architect John Bolles and Realtor Raymond Smith will be today's speakers on the "House I Want" series. Both Mr. Bolles and Mr. Smith will speak on the problems of site selection. The morning lecture will be given at the 20th Century Club in Berkeley at 10:30, and the afternoon lecture is to be held at the San Francisco Museum of Art at 2:30.

This is the second of the series of six programs sponsored by the Womens' Architecture League, San Francisco Museum of Art and the Northern California Chapter of the American Institute of Architects. The speakers on last week's program were Gardner Dailey, architect, Thomas Church, landscape architect, and Maurice Sands, decorator.

#

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GROOVER AND I

GAMBLING

If we were not a nation of hypocrites, it might be possible to ease the March 15th income tax jolt by cutting the Treasury Department in on the gambling "take" of the nation.

★ ★ ★

There is no way of estimating our annual betting turnover. The March 9th mutuel "handle" at Santa Anita was $4,601,461. This does not include bookmakers all over the country, who were wired to the track, or your neighborhood hairdresser or barber shop writing "books" for two-bits and 50 cents.

★ ★ ★

Then there are the slot machines and pinball games before you start counting the foreign lotteries, both real and fake, selling tickets in this country.

★ ★ ★

How many men are marched to church by their wives on Sunday, hold out on the collection and later play the punchboard at "Joe's place"—those dimes count up!

★ ★ ★

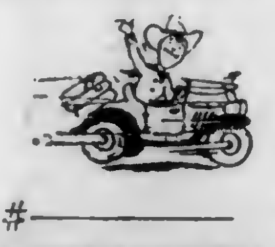
Of course, it is all illegal. But your Treasury Department is very tolerant and broad-minded. Remember, Al Capone did not go to Alcatraz for bootlegging. He was locked up because he did not pay income tax on the profits of his law violations.

★ ★ ★

The income tax boys are not concerned with how you get it, so long as you read all the fine print on form 1040 and cut the government in.

★ ★ ★

Why not be honest and run a weekly nation-wide lottery? Cut the government in for a heavy "take" and make all other gamblings and lotteries a Federal offense such as counterfeiting.



#

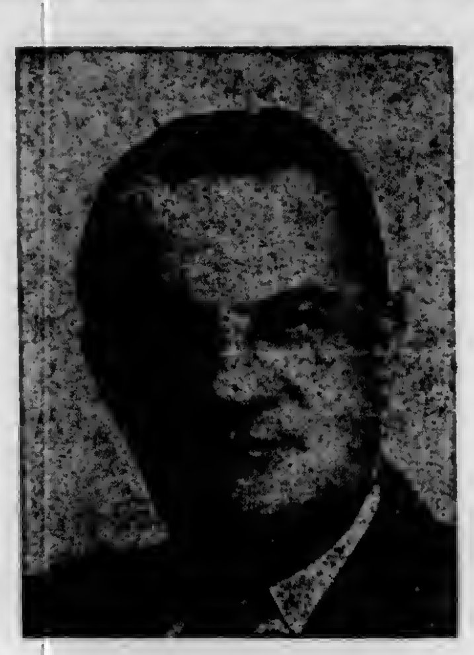
SURPLUS SEARCHLIGHTS

Surplus anti-aircraft searchlights of 800 million candlepower are on sale at the War Assets Corp., 30 Van Ness Avenue. The lights, of which 850 are for sale, are complete with power plants, control stations and cables and are adaptable for large construction jobs. Original cost was more than $15,000, but selling prices range between $500 and $1,500.

Wayne Oil Burner Company Announces Expansion Plans

A new corporation known as Wayne Home Equipment Company Inc., has been formed to succeed Wayne Oil Burner company. There is no change of ownership. The company's scope of operation has been greatly expanded. This announcement was made by B. G. Duer, vice president in charge of sales.

The company is a pioneer manufacturer of domestic oil burners and oil burning furnaces. According to Duer, designing and field tests have been completed and production started on "the WAYNE Line of Home Equipment" which includes turbine pumps and water systems for shallow wells, centrifugal jet pumps and water systems for deep wells, water heaters and water softeners, in addition to the new Model "O" domestic oil burner and a new line of oil and gas-fired automatic furnace units.



B. G. DUER

A strict Wholesaler-Dealer sales policy has been adopted and a number of wholesalers have received distributor franchises.

A comprehensive marketing program, known as "Wayne Wholesaler - Dealer Partnership Plan", has been set up around independent full-line wholesalers and dealers, and a thorough advertising and promotional program is provided to merchandise the complete line.

#

EAST BAY ARCHITECTS

The March meeting of the East Bay Association of Architects will be held tonight at 6:30 in Verikote's Lake Merritt dining room, 1520 Oak Street, Oakland.

Health Edict Bars Dumping Untreated Sewage In California Waters Next Year

No new permits will be issued by the State Board of Public Health for the disposal of raw sewage into California streams, bays and ocean waters and all outstanding permits for this practice will be revoked by the Board by January 1, 1947, Dr. Wilton L. Halverson, state director of public health, announces.

The ruling of the Board will require all communities which discharge sewage into bodies of water to pre-treat the sewage to render it inoffensive and not dangerous to the public health.

The State Bureau of Sanitary Engineering was instructed by the Board to investigate the status of all sewage disposal systems operating under State permits and to recommend suspension or modification where continuance is not warranted by the facts. State law requires that public disposal of domestic sewage and industrial wastes be by permit from the State Board of Public Health.

"The rapid population growth and expansion of industries have rendered many disposal systems obsolete and it is known that in some cases permit terms are no longer being met and the Health and Safety Code is being violated. During the War it was impossible to correct this situation but that crisis is now past," Dr. Halverson said.

Use which local governments will make of the $90,400,000 appropriation made by the special session of the Legislature in the Construction and Employment Act may be affected by the Board action. The Act provides that the State Department of Public Health declare as to the reasonable adequacy of sewage disposal before a city can secure funds for other projects.

Wage Board Kills March 15 Deadline

The San Francisco office of the Tenth Regional Stabilization Board today notified the Daily Pacific Builder that official Washington had made two last-minute changes in provisions of the procedure used in wages increases printed in yesterday's issue.

The changes are:

(1) Friday is not a strict deadline for putting wage increases into effect.

(2) Wage increases may be put into effect on March 16, or after, and price increases will be permitted if the local board is given written notice within 30 days after the change in wages has been inaugurated, and, that the employer believes a price adjustment may be necessary in the future although it may not be needed immediately.

Complete new regulations governing wage increases will be issued by Washington soon, Miss Rose Morry, assistant to the chairman, 1355 Market street, said today.

#

PRIVATE HOUSING UP

WASHINGTON, Mar. 8.—The Bureau of Labor Statistics said today that money spent for privately financed home building in February totaled $175,000,000, or more than eight times the amount for the same month is 1945.

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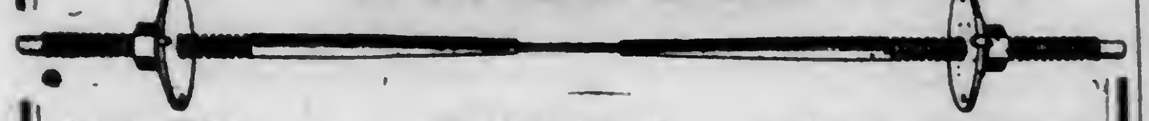
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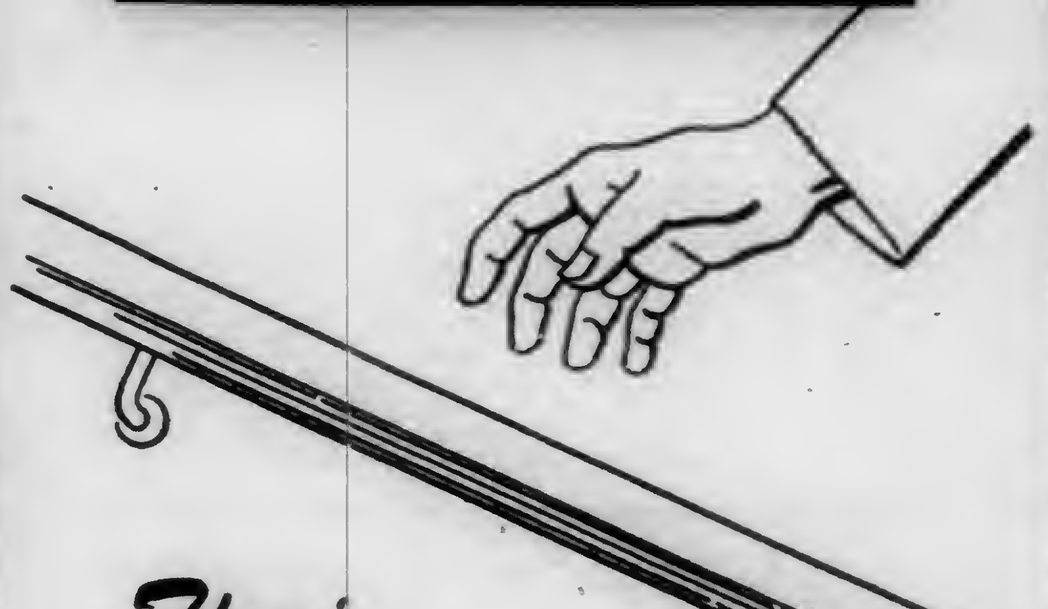
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ADVANCE CONSTRUCTION REPORTS

DAILY PACIFIC BUILDER
(Established 1888)
Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

SUBSCRIPTION RATES:
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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Public Buildings 14-17
Religious Buildings 18-19
Social, Recreational Bldgs. 20-21
Residential Buildings 22-26
Transportation Bldgs. 27
Miscellaneous Bldgs. 28-30

1-8—COMMERCIAL BLDGS.

3/14/46 • • 1
PREPARING WORKING DRAWINGS
ADDITIONS TO BANK
Est. Cost, $50,000
REDDING, Shasta Co., Calif. 1459 Market Street.
Alterations to bank and addition of concrete building with brick veneer, tar-gravel roof.
Owner—Bank of America, 1459 Market St., Redding.
Architect—J. Lloyd Conrich, 593 Market St., San Francisco.
Mechanical Engr.—G. M. Simonson, 625 Market St., San Francisco.
Structural Engr.—L. H. Nishkian, 155 Sansome St., San Francisco.

3/14/46 • • 2
GARAGE
PLANS BEING FIGURED—
BIDS OPEN MARCH 22, 11 A. M.
LOMITA PARK, San Mateo Co., Cal. Cor El Camino Real and San Benito.
Construction of one-story concrete block garage building (75x73-ft.)
Owner—Ricardo Casezza, 510 Taylor Blvd., Millbrae Highlands.
Plans by Wm. B Merryman, Designer, 443 San Mateo Ave., San Bruno.
Plans are being figured by the following partial list of contractors:
MacDonald, Young & Nelson, 121 Montgomery St., San Francisco.
G. W. Williams Co., 10 California Drive, Burlingame.
Chas. W. Chase, 128 Cypress Ave., San Bruno.

3/14/46 •• 4
WORK UNDER WAY
OFFICE BUILDING
STOCKTON, San Joaquin Co., Calif. S. Sutter St.
Construction of one-story general office, display room and bookkeeping department; part stucco and frace, steel beams, Akio plate glass and glass block, acoustic-celotex ceiling, cement floor with asphalt tile, heating and air conditioning systems.
Owner—Union Planing Mill, S Sutter St., Stockton.
Architect — Joseph Losekann, Room 206 Elks' Bldg., Stockton.
Contractor—Shepard & Green, First National Bank Bldg., Stockton.

3/14/46 •• 5
PREPARING PLANS
RESTAURANT Est. Cost, $25,000
SAN MATEO, San Mateo Co., Calif. Commercial area.
Construction of one-story reinforced concrete restaurant building, Colonial front, shingle tile roof, brick veneer, wood trim.
Owner—Withheld.
Architect — John Davis' Young, N. Lemon Ave., Menlo Park.

3/14/46 •• 5
PLANNED
SAN LORENZO VALLEY, Santa Cruz Co., Calif. Brookdale Lodge.
Construction of cocktail lounge to the dining facilities of Brookdale Lodge.
Owners—A. Thatcher Cook and Robert M. Chatton, Brookdale Lodge, Brookdale.

3/14/46 • • 8
PLANS COMPLETED
STORE BLDG. Est. Cost, $200,000
OAKLAND, Alameda County, Calif. 65th Street and Telegraph Avenue.
Construction of building to house retail store and offices for professional men (130x110 ft.)
Owner—H. W. Richardson, c/o Dick's Van & Storage Co., 6526 Telegraph Avenue, Oakland.
Plans by Clay N. Burrell, 428 15th Street, Oakland.
Bids will probably be asked within one week.

3/14/46 • 7
PLANNED
STORE BUILDING
SANTA CLARA, Santa Clara Co., Calif Clay, the second street east of Washington St.
Construction of modern feed and fuel store.
Owner—M. Perry, 285 W. Santa Clara St., San Jose.

3/14/46 • 6
CONSTRUCTION UNDER WAY
PALO ALTO, Santa Clara Co., Calif. 469-479 University Ave.
Construction of one-story reinforced concrete store building (100x100x20 ft.) to contain five stores.
Owner—Withheld.
Architect—Leslie I. Nichols, 156 University Ave., Palo Alto.
Contractor—Nichols-White, Inc., 156 University Ave., Palo Alto.

3/14/46 8
PREPARING PLANS
FURNITURE STORE Cost, $50,000
REDWOOD CITY, San Mateo Co., Calif.
Construction of one-story and mezzanine reinforced concrete furniture store building.
Owner—Currie Manufacturing Co.
Architect—Mario Ciampi, 333 Kearny St., San Francisco.

3/14/46 •• 3
PLANNED
WAREHOUSE Cost, $60,000
SAN MATEO, Calif. 1743 S. El Camino Real.
Construction of warehouse.
Owner—Reliable Van & Storage Co., 1737 S. El Camino Real, San Mateo.
Architect—Not given.

3/14/46 • 4
PREPARING PLANS
MEDICAL-DENTAL BUILDING
Cost, $60,000
SAN BRUNO, San Mateo Co., Calif.
Construction of two-story frame medical-Dental building.
Owner—Withheld.
Architect—Mario Ciampi, 333 Kearny St., San Francisco.

3/14/46 • • 8
CONSTRUCTION STARTED
AUTO SALES BLDG. Cost, $49,595
San Francisco. Mission Street.
Construction of one-story reinforced concrete auto sales and service building.
Owner—Priola Brothers.
Architect—Mario Ciampi, 333 Kearny.
Contractor—Carrico & Gautier, 365 Ocean Avenue.

3/14/46 8
FIRE LOSS
BAKERSFIELD, Kern Co., Calif.—Fire recently destroyed the C. G. Vaughn clothing store, 1419 19th St., with loss estimated at $80,000.

3/14/46 • 8
SUB-CONTRACTS AWARDED
STORE BUILDING Cost, $500,000
SAN JOSE, Santa Clara Co., Calif. Northwest corner First and Santa Clara Sts.
Construction of 3-story and mezzanine store building having a total area of over 60,000 square feet on the three main floors.
Owner—J. C. Penney Co., 51 S. First St., San Jose.
Architect—Albert F. Roller, Crocker First National Bank Building, San Francisco.
Contractor—MacDonald, Young and Nelson, 121 Montgomery St., San Francisco.
Roofing—Fred Hayden, Box 345, San Jose.
Plumbing—A. J. Peters & Son, 410 N. 10th St., San Jose.
Heating—Baker Ice Machine Co., Inc., 921 Market St., San Francisco.
Glass—LeDeit Glass Co., Box 645, San Jose.
Iron Grille Work—Fair Manufacturing Co., 617 Bryant St., San Francisco.
Foundations—Raymond Concrete Pile Co., 333 Montgomery St., San Francisco.
Mill Work — Pacific Manufacturing Co., Santa Clara.
Hardware—San Jose Hardware Co., 62 W. San Fernando, San Jose.
Painting — Humphrey & Huber, 993 Prevost St., San Jose.
Lathing and Plastering—M. J. King, Inc., 231 Franklin St., San Francisco.
Elevator—Westinghouse Electric, 110 Sutter St., San Francisco.
Linoleum — Turner Resilient Floors, Inc., 141 New Montgomery St., San Francisco.

MACHINERY WANTED
Semi - Trailer, 20 - 25 ton Capacity
STRONG & MacDONALD
4045 RUSTON WAY - TACOMA, WASHINGTON

BIDS WANTED
On building of 200 SINGLE FAMILY FRAME HOUSES, standard construction, located in SAN JOAQUIN VALLEY. Plans and Specifications available upon request to:
MR. BELL
310 MASON BUILDING FRESNO, CALIF.

BIDS WANTED
On building of 48 SINGLE FAMILY HOMES, STANDARD CONSTRUCTION, located in MADERA. Plans and Specifications available upon request to:
MR. BELL
310 MASON BUILDING FRESNO, CALIF.

3/14/46 • 5
WORKING DRAWINGS COMPLETED
RESTAURANT Est. Cost, $10,000
SAN FRANCISCO. Valencia and Tiffany Sts.
Construction of wood frame restaurant.
Owner—Joe Kelly, c/o architect.
Architect—J. Lloyd Conrich, 593 Market St., San Francisco.

3/14/46 •• 3
WORKING DRAWINGS COMPLETED
WAREHOUSE
LOS GATOS, Santa Clara Co., Calif. Adjacent to La Canaga Bldg.
Construction of one-story steel warehouse ,25x85 ft.), steel roof trusses, corrugated iron or aluminum roof and sidewalls, concrete floors.
Owner — James A. Bacidalupe, c/o architect.
Architect—Henry David Kensit, Rm. 4, Post Office Bldg., Los Gatos.

3/14/46 • • 4
STARTING
PRELIMINARY PLANS
MEDICAL OFFICE BLDG.
Approx. Cost, $80,000
OAKLAND, Alameda Co., Cal. 30th St. bet. Broadway and Tellegraph.
Construction of 2-story wood frame medical office building (50x80 ft.)
Owner—Withheld.
Architects—Mendelson, Dinwiddie & Hill, 233 Sansome St., San Francisco.

3/14/46 • • 7
LOW BIDDER
STORE BLDG. Cost, $20,000
WALNUT CREEK, Contra Costa Co. Calif. Main St. at Bonanza.
Construction of one-story masonry and steel frame store building.
Owner—Duncan and Schwartz, 1440 Broadway, Oakland.
Architect—John B. Anthony, 428 13th Street, Oakland.
Engineer—J. Y. Long Co., 428 13th Street, Oakland.
Low Bidder—J. R. Armstrong, 400 Central, Box 216, El Cerrito.

9-10—EDUCATIONAL BUILDINGS

3/14/46 •• 9
BOND ELECTION
SCHOOL BUILDING Cost, $30,000
FRESNO COUNTY, Calif.
Construction of school building.
Owner—Figarden School District.
Architect—Not given.
The district will vote March 29 on a proposal to issue bonds in amount of $30,000 to finance above construction.

3/14/46 •• 9
BOND ELECTION
SCHOOL ADDITION Cost, $24,000
PLACER COUNTY, Calif.
Construction of additional classrooms
Owner — Sylvan Elementary School District, Placer County.
Architect—Not announced.
The district will vote March 29 on a proposal to issue bonds in amount of $24,0000 to finance above construction.

3/14/46 •• 9
FIRE LOSS
WATSONVILLE, Santa Cruz Co., Calif.—Fire recently damaged the St. Francis School, E. Lake St., directed by the Rev. Father George Salbeck, with loss estimated at several thousand dollars.

3/14/46 •• 9
PREPARING PRELIMINARY PLANS
SCHOOL BUILDINGS
SACRAMENTO COUNTY, Calif. Beyond North Sacramento, Edison and Watt Aves.
Construction of a new auditorium building to seat approximately 750 persons and a new kitchen wing at the Arcade School.
Owner—Arcade School District.
Architect — Gordon Stafford, Forum Bldg., Sacramento.
The school district voted bonds February 1 in amount of $76,000 to finance construction of the above, for which working drawings will be started soon.
Master plan for the school expansion includes 15 new classrooms, 3 of which are now under construction by Lawrence Construction Co., Sacramento; the new auditorium and kitchen wing and a new pool, bleachers, locker rooms, etc., will be built later.

3/14/46 • 9
PRELIMINARY PLANS COMPLETED
SCHOOL BUILDING Cost, $65,000
QUINCY, Plumas County, Calif.
Construction of elementary school building.
Owner — Quincy Elementary School District, Quincy.
Architect — Leonard F. Starks, 416 Native Sons' Bldg., Sacramento.

3/14/46 • • 9
COMPLETING PLANS
SCHOOL FACILITIES Cost, $800,000
STOCKTON, San Joaquin Co., Calif. Franklin High School.
Construction of two-story high school building of concrete and steel, with stuccoed exterior. The first floor will have area of approx. 125,444 sq. ft. and the second floor 39,238. The school will include administrative offices, classrooms, shops, all-purpose rooms, gymnasium, lockers and cafeteria.
Owner—Stockton Unified School District, Andrew P. Hill, city superintendent of schools, San Joaquin and Lindsay Streets, Stockton.
Architect — Joseph Losekann, Room 206 Elks' Bldg., Stockton.
Structural Engineer—E. D. Francis, Native Sons' Bldg., Sacramento.
Electrical Engineer—A. A. Coddington, 251 Kearny St., San Francisco.
Plans are 50% completed.

3/14/46 •• 9
BOND ELECTION
SCHOOL ADDITIONS Cost, $266,000
WOODLAND, Yolo County, Calif.
Construction of additions to Beamer and Dingle grammar schools
Owner — Woodland School District, Walter C. Patchett, superintendent of schools, Woodland.
Architects—Dragon & Schmidts, 2068 Allston Way, Berkeley.
The district will vote June 4 on a proposal to issue bonds in amount of $175,000 to partially finance project. A total of $90,000 is available at present.

3/14/46 • • 9
BID OPENED
SAN FRANCISCO—The Brookman Co., 55 Main Street, at $377 submitted only bid to the Department of Public Works, Room 282, City Hall, for repairing and re-cementing linoleum at Horace Mann Junior High

3/14/46 • • 9
BIDS OPENED
SAN FRANCISCO. — Shepard and McSweeney, 3901 Mission Street, at $697 submitted low bid to the Department of Public Works, Room 282 City Hall, for repairing eight steel columns supporting firescape at the Frank McCoppin School.
Monarch Iron Works, at $720 submitted only other bid.

3/14/46 •• 9
ARCHITECT SELECTED
ADMINISTRATION BUILDING
Cost, $68,500
ALAMEDA, Alameda County, Calif.
Construction of administration building to house the administrative offices, professional library, textbook reviewing room, visual education headquarters, attendance office, conference rooms and Board of Education meeting room.
Owner—Alameda Unified School District, Wm. G. Paden, secretary, 2267 Alameda St., Alameda.
Architects—Kent & Hass, 525 Market St., San Francisco.
Architects selected to prepare preliminary plans and estimates only.

3/14/46 •• 9
ARCHITECT SELECTED
COMBINATION BLDG. Cost $316,640
ALAMEDA, Alameda County, Calif.
Construction of combination building to include swimming pool, rifle range, armory and other ROTC facilities adjacent to the present high school building.
Owner—Alameda Unified School District, Wm. G. Paden, secretary, 2267 Alameda St., Alameda.
Architect—E. J. Kump Company, 251 Kearny St., San Francisco.
Architect selected to prepare preliminary plans and estimates only.

11—HOSPITALS

3/14/46 •• 11
CONTRACT AWARDED
HONOLULU, T. H.—Premier Tile & Marble Co., 1612 Mission, South Pasadena, at approximately $750,000, awarded contract by the U. S. Engineering Department for furnishing labor and materails for the installation of marble, tile, structural glass and terrazzo in the new Tripler General Hospital now under construction at Honolulu, T. H., for the U. S. Army. No date is scheduled for starting this portion of the contract.

3/14/46 • • 11
LATE BIDDER
GRAND JUNCTION, Colo.—Peter Kiewit Sons Co., Denver, at $2,643,312 submitted a bid, which was received after the scheduled hour of opening, to the Veterans' Administration, Washington, D. C., for the construction of a hospital building and utilities at Grand Junction, Colo. Project No. 2451.
As previously reported, Robert E. McKee submitted the low revised bid at $2,239,000, and Olson Constr. Co., Salt Lake City, submitted the low bid, at the hour of opening, at $2,243,500.

12-13—INDUSTRIAL BUILDINGS

3/14/46 •• 12
PREPARING WORKING DRAWINGS
PLANT EXPANSION
OAKLAND, Alameda County, Calif. 12th and Franklin Sts
Expansion of newspaper plant to provide for an addition of 52,200 sq. ft. of floor space by remodeling entire press building and joining it structurally with the present Tribune Building and Tribune Tower, demolishing theater in press building and replacing it with four floors of working space, installation of additional presses and equipment, air conditioning of mechanical departments, etc.
Owner — Oakland Tribune, Tribune Tower, Oakland.
Architect—Edward T. Foulkes, 357 12th St., Oakland.

3/14/46 • • 12
PREPARING PLANS
ABBATOIR Cost, $100,000
STOCKTON, San Joaquin Co. Calif.
Construction of two-story reinforced concrete steel frame abbatoir bldg.
Owner—Salcedo Packing Co., Stockton Savings & Loan Bank Bldg., Stockton.
Architect—Mario Ciampi, 333 Kearny St., San Francisco.

3/14/46 •• 12
PLANS BEING FIGURED—BIDS CLOSE MARCH 22, NOON
SAUSAGE MANUFACTURING PLANT Cost, $50,000
REDWOOD CITY, San Mateo Co., Calif.
Construction of one-story reinforced concrete sausage manufacturing plant.
Owner—Withheld.
Architect—Mario Ciampi, 333 Kearny St., San Francisco.
Plans are being figured by a selected list of contractors.

3/14/46 • 12
WORK STARTED
LAUNDRY Approx. Cost, $125,000
SAN FRANCISCO. Southeast 18th and Folsom Sts.
Construction of class "C" two-story laundry building.
Owner—Green Glen Dairy, 30 Berry Street.
Architect—Albert R. Williams, 251 Post St.
Contractor—Gene Compton Corp., 144 Ellis St.

14-17—PUBLIC BLDGS.

3/14/15 • • 15
BIDS OPENED
STOCKTON, San Joaquin Co., Cal. —American-LaFrance-Foamite Corp., Elmira, N. Y., at $12,950 submitted low bid to the City of Stockton, City Hall, Stockton for furnishing a triple combination pumper for the Fire Department.
Other bids were:
Buffalo Fire Appliance Corp., Buffalo, N. Y., $14,751.80.
International - Mack Motor Truck Corp., San Francisco, $14,827.65.
Bids taken under advisement.

3/14/46 • • 15
NO BIDS RECEIVED
RADIO GRILLES, Etc.
PORTLAND, Oregon.
Radio grilles and stools for windows at the U. S. Courthouse (new).
Owner—Federal Works Agency, Public Bldgs. Admin., office of district engineer, 838 U. S. Appraiser's Bldg., San Francisco.
No bids were received March 13 for the above work.

3/14/46 • • 16
BIDS OPENED
PARTITIONS, ETC.
SAN FRANCISCO. Appraiser's Bldg.
Construction of movable cement asbestos panel partition and acoustical treatment, etc., at U. S. Appraiser's Bldg.
Owner—Federal Works Agency, Public Buildings Administration, office of district engineer, 838 U. S. Appraiser's Bldg.
Low Bidder—Chas. E. Wait, $5350.
Other bids were:
Metropolitan Constr. Co., $5354.40.
Pat Sofarelli, $5382.
Adam Arras & Co., $5395.
Fred J. Early & Co., $5646.

3/14/46 • • 16
BIDS OPENED
VALLEJO, Solano Co., Calif.—Basalt Rock Co., Inc., 900 8th Street, Napa, at $1247 submitted low bid to the office of the district engineer, Federal Works Agency, Public Bldgs. Admin., 833 U. S. Appraiser's Bldg., San Francisco, for combination gas and oil burner to be installed in the U. S. Post Office at Vallejo.
Other bids were:
Service Heat & Power Co., $1271.
Ray Oil Burner Co., $1295.

3/14/46 • • 16
BIDS OPENED
GRASS VALLEY, Nevada Co., Cal. —Service Heat & Power Co., 636 21st St., Oakland, at $148 submitted low bid to the office of the district engineer, Federal Works Agency, Public Bldgs. Admin., 838 U. S. Appraiser's Bldg., San Francisco, for relining boiler fireboxes and overhauling oil burner at the U. S. Post Office, Grass Valley.
Yuba-Sutter Oil Co., at $412.60 submitted only other bid.

3/14/46 •• 12
PLANNED
PLANT EXPANSION Cost $3,500,000
EMERYVILLE, Alameda Co., Calif. 4560 Horton St.
Construction of three major buildings and remodel present research facilities.
Owner—Shell Development Co., 100 Bush St., San Francisco 6.
Architects—Allison & Rible, 650 S. Grand Ave., Los Angeles.
Construction will begin in the spring and will continue over a two-year period.

3/14/46 •• 16
BIDS OPENED
SANTA CLARA, Calif.—Deemer & Deemer, 60 Hazelwood Ave., San Francisco, at $1280, submitted low bid to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior and exterior painting and glass tops for lobby desks, U. S. Post Office, Santa Clara.
Other bids were:
Barnard Paint Service, $1598.
Patterson Bros., $1730.
Giampolini & Co., $1886.
R. P. Paoli & Co., $2200.
Emil Solve, $2270.

3/14/46 •• 16
BIDS OPENED
SAN FRANCISCO.—Emil Solve, 862 42nd Ave., San Francisco, at $290, submitted low bid to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for interior painting at the U. S. Post Office and Courthouse, San Francisco.
Other bids were:
Deemer & Deemer, $356.
Giampolini & Co., $369.
R. P. Paoli & Co., $491.
Larry's Paint Co., $550.
W. G. Thompson, $578.
R. Hinton & Co., $658.90.
A. Quandt & Son, $945.

18-19—RELIGIOUS BLDGS. BUILDINGS

3/14/46 • 14
PROPOSED
SKATING RINK Cost, $50,000
SAN MATEO, Calif. 363 N. Bayshore.
Construction of roller skating rink.
Owner—Edward Stollery, 464 Midway Ave., San Mateo.
Architect—Not given.

3/14/46 •• 19
PLANNED
CHURCH Estimated Cost, $30,000
FRESNO, Fresno County, Calif.
Construction of frame and stucco church, English countryside type, seating capacity 168, 6000 sq. ft. floor space.
Owner — Sierra Vista Methodist Church, Fresno, Rev. J. Paul Coleman, pastor.

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DINING ROOM BUFFET, all gum, 7 drawers and dish cabinet. Price $50. Phone RA. 5091. to Mar. 18, '46

FOR RENT

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LUMBER HANDLING EQUIPMENT: CARRIERS, STACKERS, TRUCKS. Call Mac, Pacific Carriers. Oakland. KE 4-1651.

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WORK FOR D 8 TRACTORS, CARRYALLS and TERRA COBRAS. Phone Stockton 66639. tf

LOCOMOTIVE CRANE, DIESEL-POWERED, STANDARD GAUGE, 40 to 50 FT. BEAM, WITH OR WITHOUT MAGNET. A. D. Schader, 144 Spear St., San Francisco. Phone DO. [illegible] to Mar. 22, 1946

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Superstructure for Ordnance Shop, San Francisco Naval Shipyard; NOy 12968; Spec. 17152; Bids open March 18, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
E. S. McKittrick Co., 610—16th St., Oakland (TWin Oaks 5070).
M & K Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
A. Farnell Blair Co., Inc., 9 Main St., San Francisco (YUkon 0390).
Moore & Roberts, 693 Mission St. San Francisco (GArfield 8579).
Peter Kiewit Sons' Co., 442 Post St., San Francisco (EXbrook 5736).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
MacDonald, Young & Nelson, 121 Montgomery St., S. F. (SUtter 8296)

Drug Storage Bldg., 4th and Clementina Streets, San Francisco; Bids open March 15, 10:00 A. M.
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616).
E. S. McKittrick Co., Inc., 610—16th Street, Oakland (TWinoaks 5070).
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
DeLuca & Son, 1745 Filbert St., San Francisco (ORdway 3600).
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624).
Transwestern Constr. Co., Rm. 825, Rialto Bldg., S. F. (DOuglas 5708)

Remodel Ford Agency, Market St. and Dubeco Ave., San Francisco; Bids open March 15, 2:00 P. M.
Jacks & Irvine, 620 Market St., San Francisco (GArfield 2106).
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).
H. E. Rahlmann, 251 Kearny St., San Francisco (DOuglas 8023)
G. P. W. Jensen & Sons, Inc., 320 Market St., S. F .(GArfield 2444)

Improve Facilities, South San Francisco, E. I. du Pont plant; Bids open March 18, 4:00 P. M. (EST).
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).

Medical-Dental Building, Geary Blvd. and 14th Ave., San Francisco; Bids close March 14, 5:00 P. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
M. J. King, Inc., 231 Franklin St, San Francisco (UNderhill 8209).
DeLuca & Son, 1745 Filbert St., San Francisco (ORdway 3600).
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).

Firehouse Addition, San Francisco Naval Shipyard; NOy 13034; Bids close March 20, 11:00 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
A. Farnell Blair Co., Inc., 9 Main St., San Francisco (YUkon 0390)

School Buildings, Pittsburg; Bids close March 18, 8:00 P. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Transwestern Constr. Co., Rm. 825, Rialto Bldg., S. F. (DOuglas 5708)

Theater Bldg., Fairfax, Marin County; Bids open March 15, 2 P. M.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).
Elligson & Mitchell, 576 Natoma St., San Francisco (UNderhill 3973)

Maintenance Bldg., Marin Jr. College, Kentfield; Bids open Mar. 14, 8 PM
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).
ALTER and Clean Bldg., 501-7 Howard St., S. F.; Bids open Mar. 20, 10 AM
Mariposa Constr. Co., 1106 Mariposa St., San Francisco (UNderhill 0375)
C. L. Wold Constr. Co., 4412 Fulton St., San Francisco (SKyline 4362)

N. Rothman Factory, South S. F.; Bids open March 22, 11 A. M.
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081)
MacDonald, Young & Nelson, 121 Montgomery St., S. F. (SUtter 8296)
Transwestern Constr. Co., Rm. 825, Rialto Bldg., S. F. (DOuglas 5708)

Garage, R. Casazza, Lomita Park; Bids open March 22, 11 A. M.
MacDonald, Young & Nelson, 121 Montgomery St., S. F. (SUtter 8296)

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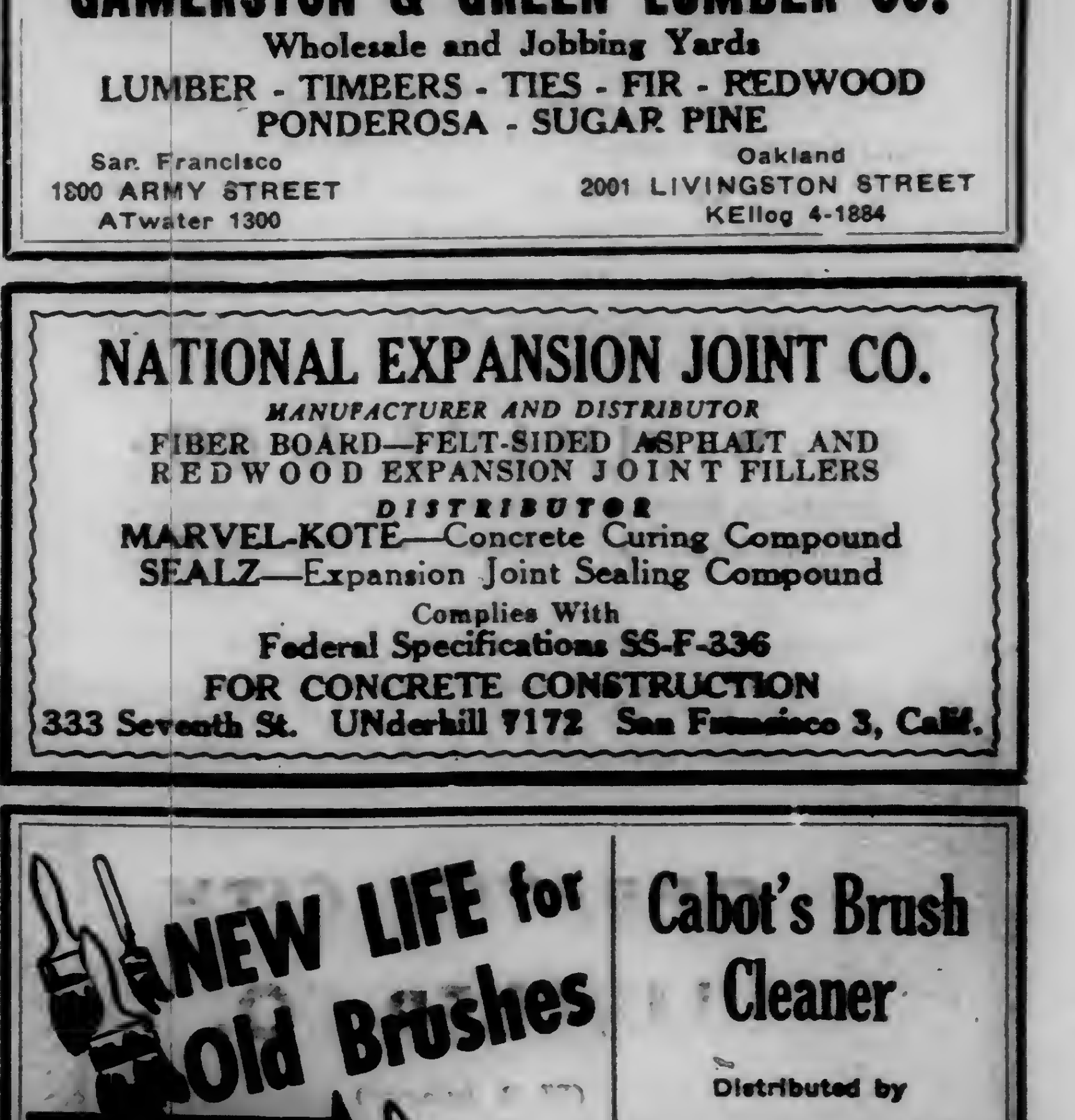

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ADVANCE CONSTRUCTION REPORTS

3/14/46 * * 19
PRELIMINARY PLANS COMPLETED
CHURCH Cost, $200,000
OAKLAND, Alameda Co., Cal. Grand Ave. bet. Lee and Lennox Streets.
Construction of concrete and steel frame church building to seat approximately 1000.
Owner—Seventh Day Adventists.
Architect—John B. Anthony, 428 13th St., Oakland.
Engineer—J. Y. Long Co., Easton Bldg., 428 13th St., Oakland.

20-21—SOCIAL AND RECREATIONAL BLDGS.

3/14/46 * 20
PLANNED
VETERANS' HALL
YREKA. Siskiyou County, Calif. Corner of Main and Miner Sts
Construction of veterans' hall to include main auditorium (60x120 ft.) and wing for dining room and kitchen (40x50 ft.), of Tulelake pumice blocks, with parking lot east of building for 75 cars.
Owner—Ross Neilon Post of American Legion, Tom Bigelow, chairman. Yreka.

3/14/46 * * 21
PLANNED
THEATER Cost, $1,000,000
SAN FRANCISCO. South side Geary St. bet. Leavenworth and Jones.
Construction of new legitimate theater building to seat 2,000.
Owner—Curran Theater Co. (Homer S. Curran and the Wobber Bros.), 445 Geary Street.
Architect—Not Announced.

3/14/46 ** 20
PLANNED
SWIMMING POOL
Approximate Cost, $150,000
MARTINEZ, Contra Costa Co., Calif Sun Valley Estate, just west of Saranap.
Construction of swimming pool (60x165 ft.), tennis courts and clubhouse for use of Sun Valley Tennis Club.
Owner—Al Kallunki
Architects—Reynolds & Chamberlain, 3833 Piedmont Ave., Oakland.

3/14/46 ** 21
BIDS IN—HELD UNDER ADVISEMENT
THEATER
WOODLAND, Yolo Co., Calif. Main Street.
Alterations to Yolo Theater.
Owner—Yolo Theater, Main and Elm Sts, Woodland.
Architect—O. A. Deichmann, 1026 Market St., San Francisco.

22-26—RESIDENTIAL BUILDINGS

3/14/46 ** 24
PREPARING PLANS
RESIDENCE Est. Cost, $50,000
SAN CARLOS, San Mateo Co., Calif.
Construction of 1½-story frame and stucco residence, shingle roof, three bedrooms, two baths.
Owner—Withheld.
Architect — John Davis Young, N. Lemon Ave., Menlo Park.

3/14/46 22
WORK UNDER WAY
MOTEL Estimated Cost, $40,000
PORTERVILLE, Tulare Co., Calif. Corner of N. Main and Danner Sts.
Construction of modern motel.
Owner and Builder—Ross H. Boyd, 363 Santa Fe Ave., Lindsay, Tulare County.
Work is now under way on the foundations of the buildings.

3/14/46 ** 22
PLANNED
MOTEL Estimated Cost, $75,000
SANTA CLARA, Santa Clara Co., Calif. San Francisco Highway and Gould St., opposite the A. Block Fruit Co. packing plant.
Construction of air conditioned 20-unit motel (150x200 ft.).
Owner—Pat Cline, c/o Teddy Roosevelt Motel, 9020 MacArthur Blvd., Oakland.

3/14/46 ** 24
BIDS IN—HELD UNDER ADVISEMENT
RESIDENCE
SAN FRANCISCO. 16th Ave. and Presidio Wall.
Construction of one-story frame and stucco residence (8 rooms).
Owner—Dr. Hans Esberg, c/o architect.
Architects—Ward & Bolles, 369 Pine.

3/14/46 ** 22
PLANNED
HOTEL Cost, $1,250,000
SAN JOSE, Santa Clara Co., Calif.
Construction of 250-room hotel building.
Owner — Newcomb Hotel Interests, c/o Carl J. Seneker, Hotel Sainte Claire, Market and San Carlos Sts., San Jose.
Architect—Not announced.

3/14/46 ** 26
CONTRACT AWARDED
SANTA ANA, Orange Co., Calif.—Shumaker & Evans Construction Co., 4007 W. 6th St., Los Angeles, at $117,000, awarded contract by the Federal Public Housing Authority, Phelan Bldg., San Francisco, for the construction of 60 family dwelling units at Santa Ana; Calif. V-4382. Completion date April 25.

3/14/46 24
FIRE LOSS
DEL MONTE, Monterey Co., Calif.—Fire recently destroyed the Louis Hill home in the Del Monte forest. Damage (not estimated) was expected to total many thousands of dollars.

3/14/46 26
WORK UNDER WAY
RESIDENCES
Estimated Cost, $6850-$7400 each
ALAMEDA COUNTY, Calif. — East Oakland and Central Berkeley.
Construction of 44 5-room residences.
Owner—J. M. Walker, 1631 University Ave., Berkeley.

3/14/46 26
PLANNED
RESIDENCES
Estimated Cost, $9000-$10,000 each
WALNUT CREEK, Contra Costa Co., Calif.
Owner—J. M. Walker, 1631 University Ave., Berkeley.

3/14/46 * 24
WORKING DRAWINGS COMPLETED
RESIDENCE Est. Cost, $6000-$7000
REDWOOD CITY, San Mateo Co., Calif.
Construction of 4-room week-end house, shake roof, central heating system, oak floors.
Owner—Miss Mulvaney, c/o architect.
Architect—J. Lloyd Conrich, 593 Market St.
To ask bids shortly.

3/14/46 24
PLANS COMPLETED
DALY CITY, San Mateo Co., Calif.
Construction of one-story five-room residence, frame and stucco, with one bath.
Owner—E. Kerger, c/o architect.
Architect—J. Lloyd Conrich, 593 Market St., San Francisco.
To ask bids shortly.

3/14/46 ** 24
PREPARING PRELIMINARY PLANS
RESIDENCE Est. Cost, $12,000
LOS GATOS, Santa Clara Co., Calif.
Construction of residence, adobe and wood exterior, shake roof, concrete floor, warm air heat, tile bath and kitchen.
Owner—Withheld.
Architect—Henry David Kensit, Rm. 4, Post Office Bldg., Los Gatos.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Water Supply and Sewage Disposal Plants 31-32
Bridges 33
Dams, Reservoirs and Dredging 34
Docks, Piers & Harbors 35
Parks, Airports and Playgrounds 36
Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

3/14/46 * * 33
BIDS OPENED
SANTA CLARA COUNTY, Calif.—Fredrickson & Watson Constr. Co., 873 81st Ave., Oakland, at $379,441.54 submitted low bid to G. T. McCoy, state highway engineer, Public W'ks Bldg., Sacramento for construction of a separation structure and approaches about .6 mile in length to be graded and surfaced with portland cement concrete and asphalt concrete on crusher run base on Bayshore Freeway at Santa Clara St. in the City of San Jose, Santa Clara County.

Plans and specifcations obtainable from the above office.

The work involves:
(1) 2600 cu. yds. remove concrete;
(2) clearing and grubbing;
(3) 45,000 cu. yds. roadway excavation;
(4) 2810 cu. yds. structural excavation;
(5) 2000 cu. yds. structural backfill;
(6) 24,500 tons imported borrow;
(7) 450,000 sta. yds. overhaul;
(8) 20,000 sq. yds. preparing class C subgrade;
(9) develop water supply and furnish water equipment;
(10) 960 M gallons apply water;
(11) 34 sta. finish roadway;
(12) 2100 tons crusher run base;
(13) 9 tons liquid asphalt SC-1 prime coat and penetration treatment;
(14) 2½ tons liquid asphalt SC-2 penetration treatment;
(15) 16 tons sand penetration treatment;
(16) 6½ tons asphaltic emulsion paint binder and seal coat;
(17) 2½ tons liquid asphalt SC-6 armor coat;
(18) 44 tons screenings armor coat;
(19) 1450 tons asphaltic concrete leveling course;
(20) 1200 tons asphaltic concrete type B surfacing;
(21) 350 lin ft. raised bars;
(22) 4700 cu. yds. class B portland cement concrete pavement;
(23) 2950 each tie bolt assemblies;
(24) 7100 cu. yds. class B portland cement concrete base slab;
(25) 950 cu. yds. class B portland cement concrete membrane base;
(26) 1038 cu. yds. class A portland cement concrete structures;
(27) 2518 lin. ft. furnish treated timber piles;
(28) 84 each drive piles;
(29) 8750 sq. yds. membrane waterproofing;
(30) 1050 cu. yds. class B portland cement concrete curbs, gutters and sidewalks;
(31) 21 each monuments;
(32) 8 each centerline monuments;
(33) 775 lin. ft. 21-in. reinforced concrete pipe;
(34) 1320 lin. ft. 12in-. CMP, 16-gage;
(35) 465 lin. ft. 18-in. CMP, 16-gage;
(36) 1650 lin. ft. 8-in. perforated metal pipe;
(37) 185 cu. yds. filter material;
(38) 265,400 lbs. furnish bar reinforcing steel;
(39) 265,400 lbs. place bar reinforcing steel;
(40) 13,600 lbs. miscellaneous iron and steel;
(41) 339 lin ft. steel railing;
(42) 4400 lin. ft. chain-link fence;
(43) 6000 sq. yds. roofing paper;
(44) 8 each adjust manholes to grade;
(45) 2 each adjust catchbasins to grade;
(46) 46 lin. ft. manholes;
(47) 1850 lin. ft. 2-in. galvanized steel pipe;
(48) 1750 lin. ft. 2½-in. galvanized steel pipe;
(49) 280 lin. ft. 3-in. galvanized steel pipe;
(50) electrical equipment;
(51) pumping equipment;
(52) miscellaneous items of work.

Total bids follow:
(A) Fredrickson & Watson Constr. Co., Oakland, $379,441.54.
(B) Macco Constr. Co., Clearwater, $394,395.60.
(C) N. M. Ball Sons and Lou Jones Constr. Co., Berkeley, $395,756.
(D) Dan Caputo and Edward Keeble, San Jose, $400,709.50.
(E) Earl W. Heple, San Jose, $415,600.20.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	$2.50	$1.95	$2.00	$3.00
(2)	1700.00	1300.00	2000.00	2000.00
(3)	.42	.42	.55	.50
(4)	2.35	2.00	2.00	3.00
(5)	1.75	.65	2.00	2.00
(6)	1.10	1.20	1.40	1.50
(7)	.005	.005	.01	.01
(8)	.14	.10	.12	.10
(9)	700.00	300.00	500.00	1000.00
(10)	1.75	2.50	2.00	1.50
(11)	3.00	18.50	10.00	20.00
(12)	2.60	2.50	2.50	2.50
(13)	26.00	20.00	18.00	30.00
(14)	27.00	30.00	28.00	30.00
(15)	5.00	6.00	3.30	3.00
(16)	35.00	35.00	35.00	40.00
(17)	27.00	30.00	28.00	40.00
(18)	5.00	6.00	4.00	5.00
(19)	5.00	5.00	5.50	6.00
(20)	6.00	5.50	6.80	6.00
(21)	1.20	1.00	1.00	.50
(22)	10.60	11.50	10.25	10.00
(23)	.58	.60	.65	.60
(24)	11.20	11.20	11.50	11.00
(25)	14.70	18.00	21.00	20.00
(26)	44.00	37.00	35.00	42.00
(27)	1.28	1.10	1.10	1.25
(28)	28.00	25.00	40.00	50.00
(29)	.60	1.30	1.43	.50
(30)	28.00	32.00	24.50	24.00
(31)	4.50	6.00	5.00	6.00
(32)	14.00	23.00	20.00	10.00
(33)	2.90	4.00	2.80	3.75
(34)	1.45	1.40	1.45	1.75
(35)	2.10	2.00	2.20	2.75
(36)	1.00	1.00	1.20	1.00
(37)	4.40	4.00	5.50	4.00
(38)	.04	.04	.04	.0425
(39)	.013	.01	.01	.01
(40)	.24	.35	.20	.25
(41)	5.20	4.70	5.25	8.00
(42)	1.60	1.50	1.55	2.00
(43)	.17	.20	.20	30
(44)	50.00	40.00	40.00	20.00
(45)	50.00	30.00	50.00	25.00
(46)	23.00	85.00	20.00	20.00
(47)	.90	1.20	1.00	.50
(48)	1.00	1.50	1.30	.75
(49)	1.30	1.90	1.50	1.00
(50)	7200.00	8000.00	7000.00	7200.00
(51)	5800.00	5500.00	5500.00	6300.00
(52)	1400.00	5000.00	2500.00	4500.00

(E)

(1)	$3.00	(2)	200.00
(3)	.50	(4)	2.00
(5)	1.50	(6)	1.25
(7)	.004	(8)	.10
(9)	200.00	(10)	2.00
(11)	20.00	(12)	2.50
(13)	50.00	(14)	50.00
(15)	50.00	(16)	50.00
(17)	50.00	(18)	4.00
(19)	5.50	(20)	6.50
(21)	1.10	(22)	11.00
(23)	.60	(24)	15.00
(25)	20.00	(26)	42.00
(27)	1.00	(28)	40.00
(29)	1.25	(30)	25.00
(31)	3.50	(32)	5.00
(33)	3.00	(34)	1.50
(35)	2.00	(36)	1.15
(37)	3.50	(38)	.036
(39)	.012	(40)	.25
(41)	6.00	(42)	1.50
(43)	.35	(44)	40.00
(45)	40.00	(46)	20.00
(47)	.75	(48)	.95
(49)	1.20	(50)	6700.00
(51)	2500.00	(52)	2000.00

34—DAMS, RESERVOIRS & DREDGING

3/14/46 * * 34
BIDS POSTPONED
BOULDER CANYON PROJECT.—Until April 8, 10 A. M. (postponed from March 19), bids will be received by the U. S. Bureau of Reclamation, Yuma, Ariz., under Spec. 1195 for the construction of earthwork, canal lining and structures, stations 5725+00 to 6106+06, Coachella Canal, All-American Canal System, Boulder Canyon Project, Arizona-California-Nevada. The work is situated in the vicinity of Indio, Calif.

The principal items of work and the estimated quantities involved are as follows:

Schedule No. 1
(1) 396,500 cu. yds. excavation for canal;
(2) 220,000 cu. yds. excavation for drainage channels and dikes;
(3) 44,000 cu. yds. excavation for structures;
(4) 64,000 cu. yds. compacting embankments;
(5) trimming 201,400 sq. yds. foundations for concrete lining;
(6) 800 cu. yds. compacted subbase;
(7) 30,000 cu. yds. backfill about structures;
(8) 13,000 cu. yds. compacting backfill;
(9) 12,800 cu. yds. backfill at top of concrete lining;
(10) 19,000 cu. yds. riprap;
(11) constructing 330 cu. yds. reverse filter;
(12) 50 cu. yds. pit-run gravel blanket
(13) 4200 cu. yds. concrete in structures;
(14) 9800 cu. yds. concrete in unreinforced lining;
(15) 9800 cu. yds. concrete in reinforced lining;
(16) placing 610,000 lbs. reinforcement bars;
(17) placing 287,500 lbs. reinforcement fabric in canal lining;
(18) placing 1500 sq. ft. elastic filler material in joints;
(19) placing 820 lin. ft. rubber water stop in joints;
(20) erecting 112 M ft. b.m. timber in structures;
(21) laying 392 lin .ft. 12-in. diameter concrete pipe;
(22) laying 168 lin. ft. 18-in. diameter concrete pipe;
(23) laying 280 lin. ft. 24-in. diameter concrete pipe;
(24) laying 96 lin. ft. 36-in. diameter concrete pipe;
(25) laying 40 lin. ft 12-in. diameter asbestos-cement pipe;
(26) jacking 80 lin. ft. 84-in. diameter concrete pipe under railroad;
(27) installing 6800 lbs. screw-lift gates;
(28) installing 18,000 lbs. radial gates;
(29) installing 20,000 lbs. radial-gate hoists and operating and control mechanisms;
(30) installing 6500 lbs. metal water stops in joints;
(31) installing 3200 lbs. miscellaneous metal work;
(35) placing 65 cwt. bituminous material in float drums;
(33) installing 360 lin. ft. electric metal conduits;
(34) installing 50 lbs. ground wires.

Schedule No. 2
(1) 410,000 cu. yds. excavation for canal;
(2) 220,000 cu. yds. excavation for drainage channels and dikes;
(3) 44,000 cu. yds. excavation for structures;
(4) 64,000 cu. yds. compacting embankments;
(5) trimming and preparing 208,400 sq. yds. foundations for asphaltic-concrete lining;
(6) 800 cu. yds. compacted subbase;
(7) 30,000 cu. yds. backfill about structures;
(8) 13,000 cu. yds compacting backfill;
(9) 12,800 cu. yds. backfill at top of asphaltic-concrete lining;
(10) 19,000 cu. yds. riprap;
(11) constructing 330 cu. yds. reverse filter;
(12) 50 cu. yds. pit-run gravel blanket
(13) 4200 cu. yds. concrete in structures;
(14) 208,400 sq. yds. asphaltic-concrete course for canal lining;
(15) 2100 tons of asphalt for asphaltic-concrete;
(16) 170 tons asphalt for seal treatment;
(17) placing 610,000 lbs. reinforcement bars;
(18) placing 1130 sq. ft. elastic filler material in joints;
(19) placing 820 lin. ft. rubber water stop in joints;
(20) erecting 112 M ft. b.m. timber in structures;
(21) laying 392 lin. ft. 12-in. diameter concrete pipe;
(22) laying 168 lin. ft 18-in. diameter concrete pipe;
(23) laying 280 lin. ft. 24-in. diameter concrete pipe;
(24) laying 96 lin. ft. 36-in. diameter concrete pipe;
(25) laying 40 lin. ft. 12-in. diameter asbestos-cement pipe;
(26) jacking 80 lin. ft. 84-in. diameter concrete pipe under railroad;
(27) installing 6800 lbs. of screw-lift gates;
(28) installing 18,000 lbs. radial gates;
(29) installing 20,000 lbs. radial-gate hoists and operating and control mechanisms;
(30) installing 6500 lbs. metal water stops in joints;
(31) installing 3200 lbs. miscellaneous metal work;
(32) placing 65 cwt. bituminous material in float drum;
(33) installing 360 lin. ft. electrical metal conduits;
(34) installing 50 lbs. ground wires.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo.; E. A. Morits, regional director, Administration Bldg., Boulder City, Nev.; J. K. Rohrer, acting construction engineer, Yuma, Ariz., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the acting construction engineer.

No charge to prospective bidders for copies of the specifications and drawings; to others, $2.50 per copy, not returnable.

3/14/46 * * 34
BIDS POSTPONED
CENTRAL VALLEY PROJECT.—Until March 27, 10 A. M. (postponed from March 15) bids will be received by the U. S. Bureau of Reclamation, Walker R. Young, Chief Engineer, Friant, Calif., under Spec. 1178 for construction of Friant-Kern Canal stilling basin, Cottonwood Creek Bridge, Friant Dam landscape area improvements, Friant Division, Central Valley Project. Work is located about 1.5 miles northeast of Friant.

Work involves:
(1) 400 c.y. common excavation for structures;
(2) 2,600 c.y. rock do;
(3) 190 c.y. excavation, concrete;
(4) 2,200 c.y. all classes excav. for pipe trenches;
(5) 320 s.y. chipping and roughening concrete surfaces;
(6) 13,000 c.y. backfil;
(7) 13,000 c.y. compacting backfill;
(8) 800 c.y. embankment;
(9) 400 c.y. riprap;
(10) constructing 860 l.f. 12-in. diam. split-sewer pipe drains with cemented joints;
(11) constructing 900 l.f. 12-inch do with uncemented joints;
(12) constructing 80 l.f. 24-in. diam. sewer-pipe drains with cemented joints;
(13) drilling 1,600 l.f. holes for anchor bars and grouting bars in place
(14) 130 c.y. concrete in outlet valve structure;
(15) 3,000 c.y. concrete in floor and wall footings of stilling basin;
(16) 2,100 c.y. concrete in walls of stilling basin;
(17) 180 c.y. concrete in bridge struc.
(18) 20 c.y. concrete in septic tanks;
(19) 90 c.y. concrete in water tanks;
(20) 260 c.y. concrete in rest-houses;
(21) constructing three rest houses, except concrete;
(22) 54,000 s.f. vacuum concrete process for floor and inside surfaces of walls of stilling basin and transition;
(23) placing 580,000 lbs. reinf. bars;
(24) 1,000 s.y. grouted paving gutters
(25) 90 l.f. gravel backfilled gutters
(26) installing 5,000 lbs. misc. metal-
(29) placing 1,850 l.f. rubber water work;
(27) constructing 3 M ft. b.m. timber railings;
(28) placing 250 s.f. elastic joint filler stop;
(30) installing 4,500 lbs. of standard metal pipe, fittings and valves;
(31) laying 150,000 lbs. cast iron pipe
(32) 5 c.y. rubble masonry;
(33) laying 100 l.f. clay sewer pipe with poured joints;
(34) laying 2,400 l.f. drain tile embedded in gravel;
(35) placing 350 c.y. of water-bound macadam base course;
(36) 180 c.y. crushed rock for wearing course, in place;
(37) furnish, haul and spread 5,000 gals. road oil;
(38) mix, compact and finish 2,100 s.y. oil-treated wearing course;
(39) installing 1,100 lbs. pumps;
(40) installing 150 l.f. embedded electrical conduits;
(41) installing 5,000 l.f. of armored parkway cable.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, Chief Engineer, U. S. Customhouse, Denver 2, Colo.; R. L. Boke, Regional Director, Old Post Office Building, 7th and K Streets, Sacramento 14; R. K. Durant, Acting Construction Engineer, Friant, Cal., and Michael W. Straus, Commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the Acting Construction Engineer.

No charge to prospective bidders for specifications; to others, $2.50, not returnable.

3/14/46 * * 34
BIDS POSTPONED
CENTRAL VALLEY PROJECT.—Until April 8, 10 A. M. (tentative date), postponed from March 27, bids will be received by the U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Antioch, Calif., under Spec. 1183 for the construction of Delta-Mendota Canal, stations 686 to 1365, and Westley wasteway, Delta Division, Central Valley Project, California. The work is situated in the vicinity of Patterson, Calif.

The principal items of work and the estimated quantities involved are as follows:

Schedule No. 1
Station 686 to Station 1365
(1) 2,800,000 cu. yds. excavation for canal, unclassified;
(2) 100,000 sta. cu. yds. overhaul;
(3) 350,000 cu. yds. compacting embankments;
(4) 40,000 cu. yds. excavation for drainage channels;
(5) 45,000 cu. yds. excavation for structures;
(6) 27,000 cu. yds. backfill;
(7) 24,000 cu. yds. compacting backfill;
(8) trimming 844,000 sq. yds. foundation for concrete lining;
(9) 11,100 cu. yds. concrete in structures;
(10) 47,000 cu. yds. concrete in unreinforced canal lining;
(11) 47,000 cu. yds. concrete in reinforced canal lining;
(12) placing 1,760,000 lbs. reinforcement in structures;
(13) placing 3,000,000 lbs. reinforcement in canal lining;
(14) 1500 sq. yds. dry-rock paving;
(15) placing 4600 sq. ft. elastic joint filler;
(16) placing 1500 lin. ft. rubber water stops;
(17) installing 255,000 lbs. gates and hoist;
(18) installing 58,000 lbs. miscellaneous metal work;
(19) installing 250 lin. ft. electrical metal conduit;
(20) installing 200 lbs. electrical conductors;
(21) constructing 40 cattle guards;
(22) placing 900 lin. ft. 15-in. precast pipe;
(23) placing 100 lin. ft. 18-in. precast pipe;
(24) placing 50 lin. ft. 24-in. precast pipe;
(25) erecting 510 M ft. b.m. timber in bridges.

Schedule No. 2
Westley Wasteway
(1) 193,000 cu. yds. excavation for wasteway channel;
(2) 33,000 cu. yds. excavation for structures;
(3) 100,000 cu. yds. of backfill for wasteway channel;
(4) 13,000 cu. yds. backfill for structures;
(5) 20,000 cu. yds. compacting embankment along wasteway;
(6) 4000 cu. yds. compacting backfill;
(7) trimming 105,000 sq. yds. foundation for lining;
(8) 3100 cu. yds. concrete in structures;
(9) 21,000 cu. yds. concrete in wasteway lining and sidewalls;
(10) placing 2,400,000 lbs. reinforcement steel;
(11) installing 130,000 lbs. of structural steel;
(12) installing 11,500 lbs. miscellaneous metal;
(13) installing 700 sq. ft. elastic joint filler;
(14) erecting 65 M ft. b.m. timber in bridges;
(15) placing 100 lin. ft. 18-in. precast pipe;
(16) placing 20 lin. ft. 24-in. precast pipe.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo.; R. L. Boke, regional director, Old Post Office Bldg., 7th and K Sts., Sacramento 14, Calif.; O. G. Boden, construction engineer, Antioch, Calif., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the construction engineer.

No charge to prospective bidders for copies of the specifications and drawings; to others, $2.50 per copy, not returnable.

3/14/46 ** 34
BIDS WANTED
NAPA COUNTY, Calif.—Until Mar. 27, 130 P. M., bids will be received by the Department of Public Works, Division of Water Resources, Edward Hyatt, state engineer, Room 401 Public Works Bldg., Sacramento, for clearing 76.5 acres of Rector Creek reservoir site in Sections 19 and 20, T. 7 N., R. 4 W., M.D.B. & M., in Napa County.

Specifications obtainable from the above office.

Bids received February 27, at which time George E. Murray, 1702 E. Mariposa Rd., Stockton, submitted lew bid of $14,200, were rejected on technicality.

..TAKE CARE OF THEM
—GEN. MacARTHUR
YOUR RED CROSS – STILL AT HIS SIDE

35— DOCKS, PIERS & HARBORS

3/14/46 * * 35
BIDS OPENED
SAN FRANCISCO.—General Engineering & Dry Dock Co., foot of Schiller St., Alameda, at $137,118.45 submitted low bid to the U. S. Engineer Office, Room 402, 74 New Montgomery St., San Francisco, under Inv. 04-203-46-4 for drydocking and overhauling the U. S. Dredge Dan C. Kingman.

Bids were taken as follows:
(1) put hull in shape;
(2) put machinery in hull;
(3) total of items 1 and 2;
(4) allowance for scrap metal;
(5) grand total.

Complete bids follow:
General Engrg. & Dry Dock Co., (1) $56,764.45; (2) $81,255; (3) $138,019.85; (4) $201; (5) $137,118.45.
Northwestern Marine Iron Works, (1) $81,971.50; (2) $82,440; (3) $174,011.50; (4) $61; (5) $164,350.50.
United Enginering Co., (1) $68,690.85; (2) $103,220.70; (3) $171,911.55; (4) $201; (5) $171,709.95.
Consolidated Steel Corp., (1) $80,518; (2) $104,190; (3) $184,708; (4) no bid; (5) $184,708.
Commercial Iron Works, (1) $84,476; (2) $135,178; (3) $219,634; (4) $144; (5) $219,514.
Bethlehem Steel Co., (1) $73,760.45; (2) $149,625; (3) $223,385.45; (4) $215; (5) $223,170.45.
Moore Drydock Co., (1) $81,971.50; (2) $82,440; (3) $230,352.35; (4) no bid; (5) $230,197.83.

3/14/46 ** 35
LOW BIDDER
LOS ANGELES, Calif.—E. B. Bishop, Box 325, Orland, at $759,613.70, submitted low bid to the U. S. District Engineer Office, 751 S. Figueroa St., Los Angeles, for construction of Los Angeles River improvements, N. Broadway to Alhambra Ave., river mile 23.5 to river mile 22.9, Los Angeles; Serial 148.

39—SEWERS

3/14/46 ** 39
CONTRACT AWARDED
SAN FRANCISCO. — Martin Murphy, Route 2, Box 894, Oak Rd., Walnut Creek, at $37,572.95, was awarded contract by the Department of Public Works, Room 282 City Hall, under Spec. 20,068 for construction of the Hampshire St. sewer, 25th St. to Army St. (Potrero Ave. sewer).

3/14/46 * 39
PLANNED
SACRAMENTO, Calif.—Sacramento County Engineer E. A. Fairbairn estimates that construction of a sewer system to serve the Industrial Park area north of Sacramento will cost $162.112. A district to be known as the American Sanitary District will be formed to complete the project.

3/14/46 ** 39
BIDS OPENED
SAN FRANCISCO.—Central California Construction Co., Inc., 116 Erie St., San Francisco, at (1) $2041, (2) $350, total $2391, submitted low bid to the Department of Public Works, Room 282 City Hall, under Spec. No. 20,000 for installing motor-driven sewage pump, Fitzgerald Ave. pumping station.

Bids were taken as follows:
(1) lump sum, mechanical work;
(2) lump sum, electrical work.

Other bids were:
E. J. Treacy, (1) $2223.80, (2) $275; total, $2498.80.
Anderson & Rowe, (1) $2283.50, (2) $412.50; total, $2696.
Fred J. Early & Co., (1) $5282, (2) $400; total, $5682.

3/14/46 * * 39
BIDS WANTED
SAN FRANCISCO.—Until Mar. 27, 2:30 P. M., bids will be received by the Department of Public Works, Room 282, City Hall, for construction of Pine Street sewer from Van Ness Ave. to Divisadero St.

Work involves:
(1) 35 l.f. 18-in. VCP sewer;
(2) 1590 l.f. 15-inch do;
(3) 1650 l.f. 12-inch do;
(4) 1550 l.f. 8-inch do;
(5) 900 l.f. 10-in. VCP culvert:
(6) 92 each 15x6-in. Y branches;
(7) 95 each 12x6-inch do;
(8) 110 each 8x6-inch do;
(9) 16 each manholes on VCP sewer
(10) 7 each manhole frames and covers;
(11) 70 tons asph. conc. wearing surf.
(12a) 900 l.f. examination of 12-inch existing pipe sewer, special wk;
(12b) 390 l.f. exam. 15-in. do;
(12c) 1240 l.f. exam. 16-in do;
(12d) 1170 l.f. exam. 18-in. do;
(12w) 50 each remove section of existing 12-in. pipe sewer from trench;
(12x) 20 each remove section of exist. 15-inch do;
(12y) 60 each remove section of 16-inch do;
(12z) 60 each remove section of 18-inch do;
(13) lump sum, traffic routing work.

Specifications obtainable from the office of City Engineer Ralph Wadsworth, City Hall, upon deposit of $10.00.

40— STREETS AND HIGHWAYS

3/14/46 ** 40
PLANNED
SACRAMENTO COUNTY, Calif.—The Sacramento County Board of Supervisors, E. A. Fairbairn, county engineer, Courthouse, Sacramento, recently received a report from Engineer Joseph E. Spink, 408 California Fruit Bldg., Sacramento, showing installation of curbs, gutters, paving and culverts in Arden Park Vista Subdivisions 2 and 3 will cost $118,734.

3/14/46 ** 40
BIDS OPENED
SAN FRANCISCO.—Chas. L. Harney, 625 Market St., San Francisco, at $7513.20, submitted low bid to the Department of Public Works, Room 282, City Hall, under Spec. No. 20,024 for improvement of Pacheco Street between 42nd and 43rd Aves.

Work involves:
(1) 280 c.y. grading (excav.);
(2) 2000 do (fill);
(3) 275 l.f. 15-in. VCP sewer;
(4) 35 l.f. 12-inch do;
(5) 80 l.f. 8-inch do;
(6) 140 l.f. 10-in. VCP culvert;
(7) 1 each brick manhole complete
(8) 4 each brick catchbasins complete;
(9) 8 each 15x6-in. VCP Y-branches
(10) 200 l.f. 6-in. VCP side sewers;
(11) 575 l.f. unarmored conc curb;
(12) 16,900 sq. ft. asph. conc. pave.;
(13) 660 sq. ft. 2-course conc. side-walk;
(14) 9 each water services at $17.55 each; total, $157.95;
(15) lump sum, water main, $396.

Complete bids follow:
Charles L. Harney, (1) $0.30, (2) $0.01, (3) $3.75, (4) $2, (5) $2, (6) $2, (7) $150, (8) $125, (9) $1.50, (10) $1, (11) $0.90, (12) $0.225, (13) $0.20, (14) $17.55, (15) $396; total, $7513.20.
Fay Improvement Co., (1) $0.50, (2) $0.50, (3) $3.58, (4) $2.90, (5) $2.55, (6) $2.30, (7) $150, (8) $145, (9) $3.50, (10) $1.75, (11) $0.90, (12) $0.274, (13) $0.25, (14) $17.55, (15) $396; total, $9727.05.

3/14/46 ** 40
BIDS WANTED
NAVAJO COUNTY, Arizona.—Until April 2, 10 A. M., bids will be received by the Public Roads Administration, 303 W. Jefferson St., Phoenix, Ariz., for construction of 14.211 miles Project Ariz. FH-17-B7, Show-low-Pinetop Highway, Sitgreaves National Forest, Navajo County, Ariz.

The work involves:
(1) 115 cu. yds. unclassified excavation;
(2) 26,500 cu. yds. unclassified excavation for borrow;
(3) 69,700 cu. yds. mile special overhaul of borrow;
(4) 1600 lin. ft. burrow ditches;
(5) 2725 M gallons watering;
(6) lump sum, provide and maintain water plant or plants;
(7) 54,500 tons crushed gravel or crushed stone base course;
(8) 1750 tons type 3 blotter material for bituminous preservative treatment;
(9) 726 tons medium curing cutback asphalt, grade MC-2, for bituminous preservative treatment;
(10) 322 tons medium curing cutback asphalt, grade MC-5, for bituminous preservative treatment.

Specifications obtainable from the above office or from 723 Phelan Bldg., San Francisco, upon deposit of $10.00.

3/14/46 ** 40
BIDS WANTED
NAVAJO COUNTY, Arizona.—Until April 2, 2 P. M., bids will be received by the Public Roads Administration, 303 W. Jefferson St., Phoenix, Ariz., for construction of 4.527 mils, Project Ariz. FH-30-A3, Globe-Showlow Highway, Sitgreaves National Forest, Navajo County, Ariz.

The work involves:
(1) 83,000 cu. yds. unclassified excavation;
(2) 520 cu. yds. excavation for structures;
(3) 61,500 cu. yds. unclassified excavation for borrow;
(4) 318,000 sta. yds. overhaul;
(5) 76,000 cu. yds. mile special overhaul of borrow;
(6) 150 hours rolling bottoms of cuts;
(7) 3600 M gallons watering;
(8) lump sum, provide and maintain water plant or plants;
(9) 17,600 tons crushed gravel or crushed stone base course;
(10) 170 tons medium curing cutback asphalt, grade MC-2, for prime coat;
(11) 2700 tons aggregate for designated AT-50 surface treatment;
(12) 175 tons asphalt, 150-200, for class A surface treatment;
(13) 51 cu. yds concrete;
(14) 4700 lbs. reinforcing steel;
(15) 171 cu. yds. cement rubble masonry;
(16) 374 lin. ft. corrugated galvanized sheet metal culvert pipe;
(17) 264 lin. ft. remove, clean and relay or stockpile salvaged culvert pipe;
(18) 40 timber culvert markers;
(19) 3 each cattle guards.

Specifications obtainable from the above office and from 723 Phelan Bldg., San Francisco, upon deposit of $10.00.

3/14/46 ** 40
CONTRACT AWARDED
SAN FRANCISCO. — Charles L. Harney, 625 Market St., San Francisco, at $12,440, awarded contract by the Department of Public Works, Room 282 City Hall, for repaving yard of Lafayette School, Anza St., between 36th and 37th Aves.

41—GAS, WATER AND OIL PIPE LINES

3/14/46 ** 41
BIDS OPENED
SHARP PARK, San Mateo Co., Calif—Stolte, Inc., 8451 San Leandro St., Oakland, at $13,436, submitted low bid to the North Coast County Water District, Firehouse, Sharp Park, for construction of water mains, including valves and fittings, for Edgemar area.

Plans prepared by District Engineer E. P. Wilsey, 705 El Camino Real, Hillsborough.

Other bids were:
Pacific Pipeline Construction Co., El Cerrito, $14,334.70.
A. J. Peters & Son, San Jose, $15,333.62.
Pioneer Construction Co., San Mateo, $17,108.40.
L. C. Jensen, Oakland, $17,257.
A. G. Connor, $17,465.60.
Guerin Bros., South San Francisco, $17,765.
Central California Construction Co., San Francisco, $21,213.
Charles L. Harney, San Francisco, $27,633.20.

3/13/46 ** 41
LOW BIDDER
SHARP PARK, San Mateo Co., Calif.—Stolte, Inc., 8451 San Leandro St., Oakland, submitted low bid to the North Coast County Water District, Firehouse of Sharp Park Fire Departmen,t Sharp Park, for construction of water distribution line. Plans by District Engineer E. P. Wilsey, 705 El Camino Real, Hillsborough.

3/14/46 * 41
BIDS POSTPONED
ALTUS PROJECT. Okla. — Until March 25, 10 A. M. (postponed from March 15) bids will be received by the U. S. Bureau of Reclamation, Altus, Okla., under Spec. 1180 for construction of earthwork and structures, Altus lateral 9.9 extension and lateral 11.1, Altus city pipeline, city laterals and sublaterals, Altus Project, Okla. The work is situated in the vicinity of Altus, Okla.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo.; W. R. Nelson, regional director, P. O. Box 1609, Oliver-Eakle Bldg., 6th and Polk Sts., Amarillo, Texas; H. E. Robbins, construction engineer, Altus, Okla., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25 ,D. C. Prospective bidders desiring to visit the site of the work should communicate with the construction engineer.

No charge for specifications to prospective bidders; to others, $2.25, not returnable.

Prospective Bidders

N. Rothman Factory Bldg., South San Francisco, Calif.

BIDS: Engineers Myron C. Gould Associates, 701 Sansome St., San Francisco, March 22, 11 A. M.
MacDonald, Young & Nelson, 121 Montgomery St., San Francisco.
Daley Bros., 426 Bryant St., San Francisco.
Transwestern Cnostruction, Rialto Bldg., San Francisco.
Radimann-Guisto, 40 Ringold St., San Francisco.
Erbentraut & Summers, 446 6th St., San Francisco.
Russell A. Cullen, 478 Jackson St., San Francisco.
Peter Kiewit Construction Co., 442 Post St., San Francisco.
A. Farnell Blair, 9 Main St., San Francisco.
M. J. King, Inc., 231 Franklin St., San Francisco.

Machinery & Material

(Continued on Page Four)

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS Applications

SAN FRANCISCO

ALTER store, $70,000; 885 Market; owner, Zukor's, Inc, c/o cntr; contractor, Jacks & Irvine, 620 Market St.

SHOP and warehouse, Class C one-story, $20,000; E Potrero 481 S Division; owner, E and C Ward, 235 Lansdale Ave; contract not let; architect, Albert F Roller.

FLATS, three 2-story frame, $11,400 each; E Laguna 28.6. 54.6 N California; NE Laguna and California; owner, Milton H Lees, 222 Front St; contractor, O M Rousseau, 725 Tehama St.

DWELLING, 1-story frame, $7000; E Arch 138 S Garfield; owner and builder, Valaris & Valaris, 405 Montgomery St.

STEEL Bldg, Class A, $7000; S 18th St 100 W Tennessee; owner and builder, E G Ruber & Son, 87 Rockwood Street.

DWELLINGS, two 1-story frame, $5900 each; N Sagamore 250, 275 E Sapitol; owner and builder, A Nelson, 22 Ocean Ave.

DWELLING, 1-story frame, $5500; E Head 100 N Randolph; owner and builder, Sterling Bldg Co, 235 Arch St.

DWELLING, 1-story frame, $5000; E 22nd Ave 275 S Moraga; owner and builder, Heglin & Nielsen, 1451 27th Ave.

ALTER ice cream store, $2000; 73 West Portal Ave; owner, Southwestern Development Co, 23 Mars; contractor, Wm Horstmeyer Co, 23 Mars St.

DWELLING, 1-story frame, $5,000; E 28th Ave 128 S Kirkham; owner and builder, Heglin and Nielsen, 1451 27th Ave.

SIGN, electric, $2300; 879 Market St; owner, Edison Brothers Stores, St Louis, Mo; contractor, Architectural Porcelain Constrs, 461 Market.

ALTER dwelling, $2000; 50 Laurel; owner, Frank B King, prem; contractor, Chas Stockholm and Sons, 891 Sutter St.

ALTER warehouse, $2000; 901 Minnesota St; owner, International Paint Co, 1734 Broderick; owner, Leonard Salomon, 1734 Broderick.

ALTER dental office and flat, $1,500; 2401 Ocean Ave; owner, Dr Q C Danielski, premises; contractor, Modern Home Bldrs, 4103 Moscow St.

ALTER flats, $1000; 264 29th Street; owner, J W Meixner, prem; contractor, Coast Constr Co, 2172 Market St.

ALTER office and shop, $900; 363 Fell St; owner, Alex McCabe, prem.

ALTER dwelling, $800; 2439 Bay St; owner, Mrs Hemstreet, prem; contractor, W C Savage, 2358 Fillmore St.

SIGN, electric, $800; 879 Market St; owner, Edison Bros Stores, Saint Louis, Mo; contractor, Architectural Porcelain Constrs, 461 Market.

ALTER dwelling, $500; 84 28th St; owner, Edwin Sully, 3836 24th St; owner, Wm Peenstra, 3870 24th St.

ALTER venetian blind mfg plant, $500; 1475 Pine St; owner, W C Uhde, premises; contractor, S A Giusti & Co, 200 Green St.

BUILDING PERMITS Granted

SAN FRANCISCO

MARCH 12, 1946

ALTER store and flat into store and apts, $2000; 4057 18th St; owner, Max Boxerbaum.

DWELLING, 1-story frame, $4000; W 46th Ave 175 N Ortega; owner, Atlas Realty Co.

DWELLINGS, nine 1-story frame, $5400 each; NE Cor Alemany Blvd and Francis St; E Alemany 40, 80, 120 N Francis St; E Detroit 25 N Hearst, $6000 each; SE Cor Alemany Blvd and Cotter St, $5500; E Chester Ave 215.11, 240.11, 190.11 N Belle Ave, $5400; owner, Thos J Sullivan.

ALTER store, $12,000; 879 Market; owner, Edison Bros Stores, Inc.

ALTER rooming house, $900; 1905 Van Ness Ave; owner, L A Marston.

ALTER office bldg, $885; 315 Montgomery St; owner, California Commercial Union Bldg Co.

FEED mfg bldg, 1-story, $18,000; SW corner Indiana and Army Sts; owner, The Vallanos Co.

DWELLINGS, four, 2-story frame; SW Cervantes Blvd 340.322 SE Beach St, $11,000; W Gough 50, 82 S Greenwich, $11,400 each; West Gough 108 S Greenwich, $11,300; owner, Oliver M Rousseau.

ALTER dwelling, $800; 26 15th Ave; owner, P Volkoff.

ALTER tool receiving and sales bldg, $8000; 650-54 Howard St; owner, Cleveland Twist Drill Co.

DWELLINGS, four 1-story frame, $5500 each; E St Charles 142.63, 167.63, 217.63, 192.63 N Niantic; owner, Sterling Bldg Co.

ALTER two flats, $1000; 2211 Scott St; owner, P J Baker.

ALTER bldg, $500; 543 Divisadero; owner, B Lazzareschi.

ALTER hotel, $15,000; Market and New Montgomery Sts; owner, Palace Hotel.

LAUNDRY, Class C, $110,000; Folsom and 18th Sts; owner, Green Glen Dairy.

WAREHOUSE and shop, Class C, $20,000; E Potrero 48 S Davision; owner, Edward B and Claire Ward.

OAKLAND

ADDITIONAL WORK, ...; 736 Washington St; owner, Vesta P Fish, premises.

ALTER AND ADD, $2000; 2917 Nicol Ave; owner, Mrs M Willey, prem; builder, D M Cotton, 5042 Calaveras.

DWELLING (1-story 6-room)) $7900; 5425 Masonic Ave; owner and builder, H E Bomar, 364 41st St; plans by M A Williams, 5824 Ocean View Drive.

SERVICE STATION (steel), $6000; 7823 MacArthur Blvd; owner, Craig Oil Co, prem; builder, Fred D Alexander, 1727 Franklin St; plans by Wm Helms, 1759 Broadway.

CONCRETE STORE (-story), $20,000; 2505 Telegraph Ave; owner, Austin Keely, 471 34th St; builder, Wm Greuner, 2727 Parker St, Berkeley; architect, H A Littlejohn, Orinda.

FIRE REPAIRS, $1400; 652 Spruce St; owner, Gaston Delagnes, prem; builder, Beckett & Federighi, 1441 Franklin St.

ALTERATIONS, $800; 4050 Sequoyah Rd; owner, Sam Faticuso, 450 50th St; builder, A G Macehitelli, 531 53rd St.

ADDITION (1-story), $5000; 3501 High St; owner and builder, L A Harris, 4260 Redding St; architect, Irwin Johnson, 449 MacArthur Blvd, Oakland.

DALY CITY

ADD TWO APARTMENTS, $1000; 243 Miriam St; owner and builder, Fred Pasero, 243 Miriam St.

BERKELEY

DWELLING (3-room), $3500; 1517A Milvia; owner and builder, W H Johns, 1517 Milvia.

ALTERATIONS, $500; 2468 Telegraph Ave; owner and builder, Henry Brown, 1387 E 32nd St, Oakland.

ALTERATIONS, $500; 2982 College; owner and builder, M H Mason, 640 22nd St, Oakland.

ADDITION, $500; 1333 Grant; owner and builder, R T Tarleton, 1333 Grant.

ALTERATIONS, $1500; 2160-62 Vine; owner, G T Hartell, 2160-62 Vine; builder, Federal Modernizing & Building Co, 608 16th St, Oakland.

ALTERATIONS, $1000; 1205 San Pablo; owner, Dr R P Cape, 1205 San Pablo; builder, Federal Modernizing & Bldg Co, 608 16th St, Oakland.

ALTERATIONS, $1000; 1024 Oxford; owner and builder, Chester E Dowling, 1024 Oxford.

ALTERATIONS, $700; 1424 Hearst; owner and builder, O A Stern, 1424 Hearst.

GARAGE, $500; 727 Allston; owner and builder, O J Hubst, 727 Allston.

ALTERATIONS, $2000; 1197 San Pablo; owner and builder, S S Shodi, 1197 San Pablo; plans by G C Milligan.

SHOP, $4000; 1197 San Pablo; owner and builder, D S Shodi, 1197 San Pablo; plans by G C Milligan.

ALTERATIONS, $1450; 2443 Webster St; owner and builder, Dennie McClung, 2443 Webster St.

REDWOOD CITY

DWELLING (5-room) and GARAGE, $10,000; 477 Jetter, Central Park Subdivision; owner and builder, N F Nelson, 924 Harrison St, Redwood City.

STORE BUILDING, $30,000; Lots 10, 11, 12, Block 4, Range B, Mezesville; owner, McDonald, Wilson & Draper; builder, Graeme MacDonald, 424 El Centro Rd, Hillsborough.

STORE BUILDING, $15,000; 5041 Broadway; owner, D Averach; builder, H H Weiner, 733 El Camino Real, Redwood City.

SAN MATEO COUNTY (Unincorporated)

STORE AND LIVING QUARTERS, $15,000; 3139 Middlefield Rd, North Fair Oaks; owner and builder, Frank Licursi, 3125 Middlefield Rd, Redwood City; architect, William Mooser and G O Wotten.

RESIDENCES (2), $7000 each; Lot 2, Block 56, Bay Rd; Lot 11, Block 57, 3rd Ave, Belle Haven Subdivision No 2; owner and builder, H V Cowan, 2340 El Camino Real, Redwood City.

RESIDENCE, $6000; Lot 2, Block 56, Page St, Belle Haven Subdivision No 2; owner and builder, H V Cowan, 2340 El Camino Real, Redwood City.

ADD 2 ROOMS, $1500; Lot 1, Block 30, San Benito St, Visitacion Subdivision; owner and builder, Darsie Standart, 164 San Benito Rd, Brisbane.

RESIDENCE, $6000; Lot 14, Block 6, Glenwood Ave, nar Taylor Court, Woodside Glens; owner, John McKeon, Woodside; builder, Julian N Basin.

ALTER CASINO, $15,000; Old County Rd, Belmont School District; owner, Alfred Carmagnole and wife, Old County Rd, Belmont; builder, P W Wiseheart, 1725 El Camino, San Mateo.

ADD BEDROOMS and GARAGE, $2000; Lots 10 and 11, Block 40, 16th Ave, North Fair Oaks; owner and builder, Harry L Marshall, 324 16th Ave, Menlo Park.

RESIDENCE and GARAGE, $7000; Parcel 31, Fairway Dr, County Club Park; owner and builder, Wm J Adaslewicz, Colma.

ADD KITCHEN, $1000; Lots 19, 20, 21, Block B, Monterey St, Edgemar Subdivision; owner, D E Heazlit, Monterey St, Edgemar; day work.

ADD KITCHEN and GARAGE, $1000; Lots 32, 33, 34, 35, Block 78, Montara Amended and Supp; ownesr Albert and Millie Harp, Tamarino and Montara, Moss Beach; day work.

ATHERTON

ALTERATIONS over stable, $2000; 25 Isabella Ave, Valparaiso Park; owner, Henry Carton, prem; contractor, F S Marshall.

RESIDENCE, $14,000, No. 1 Snowden Park; owner and builder, L K Lewis.

GUEST HOUSE, Etc ,$1000; 151 Almendral Ave, Selby Tract; owner and builder, Herman Lawson Co, 465 Tehama St, San Francisco.

BATH House, rumpus room, $3,000; 158 Almendral Ave, Selby Tract; owner and builder, B O Brace.

RESIDENCE, $15,000; 5 Barmetta Way; owner, H R McFeeters.

RESIDENCE, $14,000; 34 Lloyden Drive; owner, Mrs Ollie Mockbee; contractor, L K Lewis.

ADDN to clubhouse, $8000; 197 Isabella Ave, Valparaiso Park; owner, Menlo Syndicate Corp; contractor, McIntyre.

GARAGE and alterations to old garage, $2000; 149 Greenoaks Drive; owner, George Forrester; contractor, H A Stroh, Hearst Bldg, San Francisco.

RESIDENCE and garage, $23,000; 4 Barmetta Way; owner, Mrs M A Brandt; contractor, Sunlite Homes.

RESIDENCE and garage, $17,000; 49 Selby Lane, Atherton Estates; owner and builder, Peter Midbrust.

RESIDENCE and garage, $20,000; 99 DeBelle Dr, Maple Manor; owner, J W Dinkelspiel; contractor Tyeldheim-Bowman.

RESIDENCE and garage, $20,000; 24 DeBell Drive, Maple Manor; owner, A W Zamlock; contractor, Fjeldheim-Bowman.

RESIDENCE, $18,000; Lot 7 Blk 11, James Ave, Lindenwood; owner, Robt R Bowen; contractor, Fjeldheim-Bowman.

BUILDING CONTRACTS

SAN FRANCISCO

APTS and Penthouse
POWELL and Chestnut Streets.
Owner—Angelo and Eda Costanza.
Architect—Not Given.
Contractor—Joseph R Filippo.
Filed and Dated, ...
Payments not given.
TOTAL COST, $61.800
Specifications filed Feb 19, 1946.

Plumbing Permits

OAKLAND

3270 Lakeshore; owner, ...; dealer, J A Fazio; 9 fixtures; 3 gas outlets.

2452 Magnolia; owner, Early; dealer, J A Fazio; 4 gas outlets.

1359 79th Ave; owner, Wisheropp; dealer, W MacMillan; 6 fixtures; 1 gas outlet.

3019 E 14th St; owner, J Milton; dealer, E C Bonin; 4 fixtures.

1433 10th St; owner, ...; dealer, P Vicovich; 2 gas outlets.

1236 23rd Ave; owner, Tacket; dealer, O H Hanson; 1 fixture.

1742 11th Ave; owner, Dr Mont; dealer, O H Hanson 5 fixtures.

418 13th St; owner, Nugget Grill; dealer, Durant; 15 fixtures; 6 gas outlets.

5111 Miles Ave; owner, Palldro; dealer, M Miolini; 4 fixtures.

4608 Market St; owner, Silva; dealer, M Miolini; 2 fixtures.

8372 Ney Ave; owner, Shovmand Bros; dealer, K C Nelson; 5 fixtures; 4 gas outlets.

3925 Laguna; owner, Melvin Shaw; dealer, H Eike; 5 fixtures; 2 gas outlets.

2355 Broadway; owner, McFarlane; dealer, Frank Gottshen; 2 fixtures; 4 gas outlets.

6439 Thornhill; owner, Hollenbeck; dealer, O H Hanson; 6 fixtures; 4 gas outlets.

464 Fairmont; owner, Rogers; dealer, O H Hanson; 14 fixtures; 6 gas outlets.

Furnace Permits

OAKLAND

1075 Market St; owner, Calvin Moore; dealer, East Bay Sheet Metal Co; central furnace.

2456 Damouth; owner, Maffee; dealer, Friedman; floor furnace.

849 55th St; owner, Frechett; dealer, Aavaks Heating; central furnace.

424 Euclid Ave; owner, A F Phillrick; dealer, Aavaks Heating; central furnace.

4606 Brookdale Ave; owner, Burrows; dealer, R Agers; floor furnace.

Completion Notices

SAN FRANCISCO

Recorded Accepted

March 12, 1946 — S MONTEREY Blvd 25 E Detroit. Gilbert L Plov to whom it may concern.................March 12. 1946

March 13, 1946—SE RIVERA ST and 30th Ave. Mary M and Stephen M Kovacik to Peter Gavazza.................March 8, 1946

March 12, 1946—NW SOUTH Park 100 NE 3rd St. Daniel P Murphy to Brendon J Murphy....Mar 5. 1946

March 12, 1946—N LOMBARD 76 W Scott. Daniel P Murphy to Brendon Murphy Realty & Constr Company.................Feb 15, 1946

March 12, 1946—601 and 609 RANDOLPH. Edward E Dahlstrom to whom it may concern.................March 12, 1946

March 12, 1946—W 41st AVE 100 S Judah St. Chas Ingerman to whom it may concern.................March 11, 1946

March 12, 1946—SE BRIDGEVIEW Dr 17.932 NE from SW line lot 1 Block 5335-R, known as 235 Bridgeview Dr. Trygne Kolsberg to whom it may concern.................March 12, 1946

March 12, 1946—N 31 ft LOT 17 Blk 1136, Francisco Heights. Oliver M Rousseau to whom it may concern.................March 11, 1946

Non-Responsibility

SAN FRANCISCO

March 13, 1946—400 FRONT ST. Linda Cadenasso as to improvements on property.

Electrical Permits

SAN FRANCISCO

9787 1543 Haight; owner, Charles Market; contractor, Lynch Electric; alterations.

9788 SW Teresita Blvd cor Arroya Way; owner, Miraloma Community Church; contractor, Lynch Electric; 26 outlets; 15 switches; 10 plugs; service.

9789 S Chestnut 103.1½ E Powell; owner, Fillipo; contractor, Edison Electric; ....

9790 NE cor Eddy and Jones Sts; owner, Downtown Bowl; contractor, Beacon Electric; 3 outlets.

9791 301 Mission; owner, ...; contractor, Bacon Electric; 5 plugs.

9792 149-57 2nd St; owner, ...; contractor, Golden Gate Electric; ....

9793 72 Kissling; owner, Independent Elevator; contractor, Paragon Electric; service; motors.

9794 2711 San Jose Ave; owner, Booth; contractor, Casey Electric; 2 outlets; 2 switches; 4 plugs.

9795 141 Beale; owner, Western Iron Works; contractor, Decker Electric; service; motors.

9796 390 1st St; owner, Wesix Electric Heater Co; contractor, Decker Electric; ....

9797 1401 Baker; owner, Hunter; contractor, Century Electric; alterations.

9798 3432 Mission; owner, Michelson; contractor, Lee Electric; ....

9799 536 Pacific Ave; owner, Gean's; contractor, Associated Electric & Mech; alterations.

9800 2900 Fulton; owner, Lucky Food Market; contractor, Electrical Products Corp; sign.

9801 186 West Portal; owner, West Portal Pharmacy; contractor, American Electric Const; alterations.

9802 1019 Clement St; owner, B Fisher; contractor, Ets-Hokin & Galvan; 49 outlets; 4 switches; 116 plugs; service.

9803 512 Arguello Blvd; owner, Auto Reconstruction Co; contractor, Ets-Hokin & Galvan; 4 outlets; 2 switches; 5 plugs.

9804 501 Howard St; owner, Drug Sundries; contractor, Ets-Hokin & Galvan; ....

9805 291 Geary; owner, ...; contractor, Malm & Welter; 3 outlets.

9806 2892 16th St; owner, ...; contractor, Edw W Scott Electric; motors.

9807 4663 Mission St; owner, Hashagen's; contractor, W H Kirsten; 1 plug.

9808 1768A Sutter; owner, New York Cleaners; contractor, W H Kirsten; 1 plug.

9809 48 Geary; owner, P & K Coffee Shop; contractor, W H Kirsten; 1 plug.

9810 711 Market; owner, 711 Restaurant; contractor, W H Kirsten; 74 plugs.

BERKELEY

65724 800 Bancroft; owner, Preston A Jones; contractor, Jones Electric; 36 outlets; 7 switches; 36 fixtures; 17 plugs; 16 circuits.

65725 1365 Ada; owner, ...; contractor, Atlas Heating; 1 motor.

65726 2924 Russell; owner, H T Dodge; contractor, Atlas Heating; 1 motor.

65727 650 Camelia; owner, Ambassador Venetian Blind Co; contractor, California Electric; 10 motors.

65728 2979 Sacramento; owner, P E Whitten; contractor, C A Langlais; 2 fixtures.

65729 3284 Adeline; owner, ...; contractor, C A Langlais; 2 plugs.

65730 2525 Telegraph; owner, ...; contractor, C A Langlais; 1 fixture.

65731 3120 Shattuck; owner, ...; contractor, C A Langlais; 2 fixtures.

65732 1749 Solano; owner, Leo D Hazen; contractor, Clifford Electric; 52 outlets; 36 switches; 58 plugs; 36 circuits.

65733 33 Tanglewood Rd; owner, E N Molmes; contractor, Clifford Electric; 2 outlets; 2 switches; 2 fixtures; 1 plug.

65734 1926 El Dorado; owner, Jas Evans; contractor, Clifford Electric; 1 outlets; 5 switches; 1 fixture; 24 plugs; new service; 6 circuits.

65735 1444 Alcatraz; owner, Wm F Dunmare; contractor, Clifford Electric; 20 outlets; 18 switches; 20 plugs; 9 circuits.

65736 1645 San Pablo; owner, F Kim; contractor, Clifford Electric; 1 outlet; 2 switches; 4 plugs; 5 circuits; 4 motors.

65737 2441 Prince; owner, Tranta Casta; contractor, Paramount Electric; 1 outlet; 2 switches; 6 fixtures; 2 plugs; 4 heaters.

65738 2609 Matthews; owner, G Davio; contractor, Paramount Electric; 3 outlets; 3 switches; 3 fixtures; 3 plugs; 1 circuit.

65739 1601 Chestnut; owner, Paul Harbnet; contractor, Paramount Elec Co; 14 outlets; 13 switches; 18 plugs; 5 circuits.

65740 1730 Francisco; owner, W A Bear; contractor, California Electric; 7 outlets; 10 switches; 14 plugs; 6 circuits.

65741 2367 Telegraph; owner, L Blake, lessee; contractor, U C Electric; 5 outlets; 5 fixtures; 2 plugs.

65742 1710 Lincoln; owner, ...; contractor, U C Electric; new service.

OAKLAND

36137 2134 MacArthur Blvd; owner, Carlsen; contractor, Ets-Hokin & Galvan; 2 outlets; switches; fixtures; plugs.

36138 400 Catron Dr; owner, Towers; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

36139 336 Catron Dr; owner, Towers; contractor, Johnston Elec; outlets; switches; fixtures; plugs.

36140 823 Broadway; owner, Pauls Coffee Shop; contractor, Spott Elec; outlets; switches; motors.

36141 14th and Clay Sts; owner, Belling's Furniture Co; contractor, Spott Elec; 30 outlets; 12 fixtures.

36142 3530 Peralta St; owner ,The Acme Co; contractor, Spott Electric; motors.

36143 1081-B, C, and D 32nd St; owner, Strane; contractor, Special Owner; outlets; switches; fixture; plugs.

36144 1215 23rd Ave; owner, Dot's Cafe; contractor, Manning & Whitaker; sign.

36145 5544 Telegraph Ave; owner, Biggi Grocery; contractor, Manning & Whitaker; sign.

36146 1249 E 12th St; owner, 1249 Club; contractor, Manning & Whitaker; sign.

36147 5232 E 14th St; owner, Gamble's Cafe; contractor ,Manning & Whitaker; sign.

36148 617 Broadway; owner, East Bay Bowl; contractor, Manning and Whitaker; sign.

36149 489 40th St; owner, Sagamore Grocery; contractor, Manning & Whitaker; sign.

36150 9420 Burr; owner, Cacquiero contractor, R F Long; 10 outlets; 10 switches; 10 fixtures; 15 plugs.

36151 SE Cor Broadway and MacArthur; owner, Andrew Williams; contractor, Electrical Products Corp; sign.

36152 2523 Broadway; owner, Pacific Finance Loans; contractor, Electrical Products Corp; sign.

36153 SE Cor 13th and Jackson; owner, Union Oil Service Sta; contractor, Electrical Products Corp; sign

36154 526 17th St; owner, Hamlin; contractor, Shea Electric; addition.

36155 1358 7th St; owner, Ford; contractor, T Bushman Elec; 20 outlets; 8 switches; 20 fixtures; 13 pl.

36156 4921 Broadway; owner, Andrewsen: contractor, Fred Schmits; plugs.

36157 1400 Lakeshore; owner, Andrewsen; contractor, Fred Schmits; fixtures; alterations.

36158 24th and Broadway; owner, McFarlane Candy Co; contractor, Pacific Elec Motor Co; temporary feeder.

35159 W Telegraph 75 N Alcatraz; owner, Doe; contractor, Foster and Kleiser; 3 outlets 3 fixtures.

36160 E Telegraph 140 N Claremont; owner and contractor, Foster & Kleiser; 3 outlets; 1 switch; 3 fixtures.

36161 3318 Georgia Street; owner, Tate; contractor, Paramount Elec; alterations.

36162 5662 Shattuck Ave; owner, Douglas; contractor, Paramount El; service.

36163 2006 57th Ave; owner, Reem contractor, Johnston Elec; service.

36164 845 92nd Ave; owner, Malsbary Mfg; Co; contractor, Del Monte Elec Co; outlets; switches; fixtures; plugs; motors.

Prospective Bidders

Exploratory Foundation Investigation Work. Rocky Reach Damsite

BIDS: U. S. Engineer Office, Textile Tower, Seattle, Wash., March 22, 2 P. M.

Lynch Bros. Diamond Drilling Co., 3425 Stoneway, Seattle.

Fairbanks Drilling Co., 2437 Sixth Ave. S., Seattle.

N. C. Jannsen Drilling Co., 9407 E Marginal Way, Seattle.

Diamond Drill Contracting Co., S 18 Stone St., Spokane.

W. J. Riddock, 606 N Warren St., Helena, Mont.

Cannon & Jeffries, Box 669, Compton, Calif.

Mitchell Diamond Drill Co., 779 Bryant St., San Francisco.

E. M. Gurke, 552 26th St., Ogden, Utah.

Cannon Diamond Drill Co., Box 549, Compton, Calif.

Mott Core Drilling Co., Box 2076, Huntington, W. Va.

Medico-Dental uilding, 14th Ave. and Geary St., San Francisco, Calif.

BIDS: John Coakley, c/o Architect Leonard S. Mosias, 255 California St., San Francisco, March 14, 5 P. M.

A. J. Hopper Co., 243 Langton St., San Francisco.

De Luca & Son, 1745 Filbert St., San Francisco

Erbentraut & Summers, 446 6th St., San Francisco.

M. J. King, Inc., 231 Franklin St., San Francisco.

Los Angeles River Improvements, Spec. 149

BIDS: U. S. District Engineer Office, 751 S. Figueroa St., Los Angeles, March 18, 1 P. M.

W. E. Kier Constr. Co., 1462 North Stanley Ave., Los Angeles.

Peter Kiewit Sons Co., 650 South Grand, Room 505, Los Angeles.

Winston Bros. Co., 411 W Fifth St., Room 1216, Los Angeles.

Guy F. Atkinson Co., 1103 Heartwell Bldg., Long Beach.

E. B. Bishop, Box 325, Orland.

Bressi & Bevanda Constructors, Inc., 417 S. Hill St., Los Angeles.

Case Constr. Co., Box 6, Berth 109, San Pedro.

Grafe - Callahan Constr. Co. and Gunther & Shirley Co., 714 W Olympic, Los Angeles.

Morrison - Knudsen Co., 810 Title Guarantee Bldg., Los Angeles.

J. F. Shea Co., Inc., 617 S. Olive St., Los Angeles.

United Concrete Pipe Corp., Box 1, Station H, Los Angeles.

Macco Constr. Co., 815 N. Paramount Blvd., Clearwater.

Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles.

J. E. Haddock, Ltd., 3538 E. Foothill Blvd., Pasadena.

Frank T. Hickey, Inc., and Spencer Webb, 1645 Allesandro St., Los Angeles.

Clyde W. Wood, Inc., 6900 Tujunga Ave., North Hollywood.

Chas. T. Brown Co., 1955 6th St., San Fernando.

E. W. Elliott Constr. Co., 905 Market St., Hewes Bldg., San Francisco.

Mark C. Walker & Son, 412 First National Bank Bldg., Santa Ana.

Remodel Building, Market St. & Duboce Ave. San Francisco, Calif.

BIDS: S. & C. Motors, c/o Architect W .D. Peugh, 333 Montgomery St., San Francisco, March 15, 2 P. M.

Jacks & Irvine, 620 Market Street.

H. E. Rahlmann, 251 Kearny St.

Carrico & Gautier, 365 Ocean Ave.

G. P. W. Jensen & Sons, Inc., 320 Market Street.

Ira W Coburn, 2048 Market Street.

Exploratory Foundation Investigation Work, Chelan Damsite

BIDS: U. S. Engineer Office, Textile Tower, Seattle, Wash., March 18, 2 P. M.

Lynch Bros. Diamond Drilling Co., 3425 Stoneway, Seattle.

Fairbanks Drilling Co., 2437 Sixth Ave. S., Seattle.

N. C. Jannsen Drilling Co., 9407 E Marginal Way, Seattle.

Diamond Drill Contracting Co., S 18 Stone St., Spokane.

W. J. Riddock, 606 N Warren St., Helena, Mont.

Cannon & Jeffries, Box 669, Compton, Calif.

Mitchell Diamond Drill Co., 779 Bryant St., San Francisco.

E. M. Gurke, 552 26th St., Ogden, Utah.

Cannon Diamond Drill Co., Box 549, Compton, Calif.

Mott Core Drilling Co., Box 2076, Huntington, W. Va.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Misc. Supplies & Materials	42
Machinery and Equipment	43

42— MISC. SUPPLIES AND MATERIALS

3/14/46 •• 42
BIDS WANTED

SAN FRANCISCO.—Until April 1, 2 P. M., bids will be received by the U. S. Treasury Department, 821 Market St., San Francisco, under Inv. SF-2798-46 for miscellaneous hardware, f.o.b. San Francisco.

3/14/46 •• 42
BIDS WANTED

SAN FRANCISCO—Until March 29, 3 P. M., bids will be received by the Purchaser of Supplies, 270 City Hall, under Bid No. 3508 for furnishing and delivering two chlorination machines for the San Francisco Water Department.

Specifications obtainable from the above office.

3/14/46 •• 42
CONTRACT AWARDED

SAN FRANCISCO. — Taylor & Spotswood Co., 700 Pennsylvania Ave, at $16,698 per cwt.; ½% 10 days; 180 days' delivery, awarded contract by the Purchaser of Supplies, City Hall, under Bid No. 3495 for furnishing and delivering 10,000 lbs. of special section grip die steel (type "C" bearing stock) for the Municipal Railway.

3/14/46 • 42
CONTRACT AWARDED

SAN FRANCISCO—Neptune Meter Co., 320 Market St., at $10 each; 2% 30 days, awarded contract by the Purchaser of Supplies, City Hall, under Bid No. 3493 for furnishing and delivering 2000 ⅝x¾ split case water meters for the San Francisco Water Department.

3/13/46 • 42
BIDS WANTED

PANAMA CANAL.—Until Mar. 18, bids will be received by the General Purchasing Officer, The Panama Canal, Washington 25, D. C., under Sch. 8208, for 1 power distribution feeder, type switchboard, comb. in 5 sections for 480-volt, 3-phase, 4-wire, 60-cycle powder, for 60-cycle machine tools; 1 do in 4-sections.

3/14/46 42
BIDS WANTED

BONNEVILLE, Wyo.—Until April 15, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1248 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Bonneville, Wyo., all structural steel, siding, windows, doors, anchor bolts and all other necessary materials, except cranes, concrete walls and floors, foundations, boarding roof, nailing strips, bolts for nailing strips and roof shingles for ne complete steel warehouse for the Boysen government camp, Boysen Unit, Wyoming, Missouri Basin Project. The approximate overall dimensions of the building are 55 ft. 2 in. by 102 ft. 2 in. The concrete foundations will be constructed and the building erected by the government. No charge for copies of the specifications to prospective bona fide bidders; to others, $1, not returnable.

3/13/46 42
BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until March 26, 4 P. M., bids will be received by the Oakland Board of Education, John W. Edgemond, Secretary, Admin. Bldg., 1025 Second Ave., Oakland. under Sched. No. 2 for fuel oil for 1946-47, and Sched. No. 3 for gasoline for 1946-47.

Specifications obtainable from the above office.

3/14/46 • • 42
BIDS WANTED

BERKELEY, Alameda Co., Calif.—Until March 27, 10 A. M., bids will be received by the Berkeley City Council, City Hall, Berkeley, for driving 31 creosote piles 30-ft. long. The work involves 930 l.f. of piles.

Specifications obtainable from the above office.

43— MACHINERY AND EQUIPMENT

3/14/46 43
BIDS WANTED

BOULDER CANYON PROJECT, Arizona-California-Nevada. — Until April 15, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1245 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Yuma, Ariz., three 14-ft. by 12-ft. 9-in. radial gates and three float-operated gate hoists for wasteways 1, 2 and 3, station 4782+01.6, 5401+30.4 and 5716+25.2; two 10-ft. by 11-ft. radial gates and two 5000-lb. capacity hand-operated radial gate hoists for the check structure at station 5401+39.65, and two 10-ft. by 11-ft. radial gates and two 5000-lb. capacity hand-operated radial gate hoists for the check structure at station 5717+25, Coachella Canal, All-American Canal System, Boulder Canyon Project, Arizona-California-Nevada. The gates and hoists will be installed by the government. No charge for copies of the specifications to prospective bona fide bidders; to others, $1.25, not returnable.

3/14/46 43
BIDS WANTED

RIO GRANDE PROJECT, New Mexico-Texas. — Until March 22, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1239 for furnishing and delivery f.o.b. cars at the shipping point or f.o.b. cars at Las Cruces, N. M., three (3) 500-kv-a., 110,000 delta- to 2400/4160 Y-volt and 7200/12,470 Y-volt, single-phase, 60-cycle, oil - immersed, self - cooled, outdoor type transformers for installation at the White Sands substation, Rio Grande Project, New Mexico-Texas. The apparatus will be installed by the government No charge for copies of the specifications to prospective bona fide bidders; to others, $0.75, not returnable.

3/14/46 • • 43
BIDS ADVANCED

BOULDER CANYON PROJECT.—Until March 15, 2 P. M. (advanced from March 20) bids will be received by the U. S. Bureau of Reclamation, Denver, under Spec. 1224 for furnishing and delivering fob cars at the shipping point or fob cars at Boulder City, Nev., three permanent 180-rpm runners with stationary filler rings and one set spare stationary wearing rings for 115,000 h.p. 150/180 rpm turbines, units A-5, A-6 and A-7, Boulder power plant, Boulder Canyon Project, and such supporting tests and equipment as may be required to insure the production of power at 60 cycles, in accordance with a predetermined schedule.

The apparatus will be installed by the Government. No charge for copies of the specifications to prospective bonda fide bidders; to others, $1.00, not returnable.

3/14/46 • • 43
BIDS WANTED

PLACERVILLE, El Dorado Co., Calif.—Until March 20, 10 A. M., bids will be received by the State Division of Highways, 703 B St., Marysville, for rental of one 1¼-c.y. power shovel for approx. 65 days' use between Placerville and 4 miles northerly.

Specifications obtainable from the above office.

3/14/46 • 43
BIDS WANTED

FRESNO, Calif.—Until March 28, 5 P. M., bids will be received by the Fresno Board of Education, L. L. Smith, secretary, 2348 Mariposa St., Fresno, for one new 6-cylinder de luxe sedan, fully equipped, 1946 model, and for the sale of one 1932 Dodge coupe.

3/14/46 •• 43
COMPLETE BIDS

COLUMBIA BASIN PROJECT, Washington.—As previously reported, Pelton Water Wheel Co., 2929 19th St., San Francisco, at (Sched. I) $724,325, (Sched. II) $1,049,325, submitted low bid to Bureau of Reclamation, Custom House, Denver, Colo., for (1) furnishing assembly and detail drawings, model tests and a report of approved drawings, and (2) furnishing and delivering f.o.b. cars at shipping point or f.o.b. cars at Odair, Wash., either four or six vertical-shaft, centrifugal pumps, each having a capacity of not less than 1350 cu. ft. per second at a total pumping head of 310 ft. nad a speed of 200 r.p.m., for installation at Grand Coulee pumping plant, Columbia Basin Project, Washington; Specification No. 1128.

The bids submitted were:

Pelton Water Wheel Co., San Francisco, Calif., Sched. No. 1, Item No. 1, $690,000; ship first pump 600 days, second 660, third 720, fourth 780 days; $505 increase and decrease per lin. ft.; $4125 reduction if griding apparatus omitted; Item No. 2, engineer, $29 per day; mechanic, $24 per day; Item 3, $34,325, 280 days; total weight for schedule, $1,800,000 lbs.; total bid for schedule, $724,325; Schedule No. 2, Item 4, $1,015,000; ship 600, 660, 720, 780, 840, 900 days; $565 increase and decrease per lin. ft.; $4125 reduction if grinding apparatus omitted; Item 5, engineer $29 per day, mechanic $24 per day; Item 6, $34,325; ship 280 days; total weight for schedule, 2,700,000 lbs.; total bid for schedule, $1,049,325; f.o.b. San Francisco; terms net.

Newport News Shipbuilding & Dry Dock Co., Newport News, Va., Sched. No. 1, Item 1, $785,000; ship 600, 660, 720, 780 days; $660 increase and decrease per lin. ft.; $8000 reduction if grinding apparatus omitted; Item 2, engineer $35 per day, mechanic $30 per day; Item 3, $1800, ship 280 days; 440,000 lbs. structural steel and 1,720,000 lbs. power pumps; total bid for schedule, $803. Schedule No. 2, Item 4, $1,150,000; ship 600, 660, 720, 780, 840, 900 days; $660 increase and decrease per lin. ft.; $8000 reduction if grinding apparatus omitted; Item 5, engineer $35 per day, mechanic $30 per day; Item 6, $18,000; ship 280 days; 660,000 lbs. structural steel and 2,560,000 lbs. power punmps; total bid for schedule, $1,168,000; f.o.b. Newport News; terms net.

Allis-Chalmers Manufacturing Co., Milwaukee, Wis. Schedule No. 1, Item 1, $956,000; ship 500, 560, 620, 680 days; $550 increase and decrease per lin. ft.; $10,000 reduction if grinding apparatus omitted; 2,400,000 lbs.; Item 2, engineer $30 per day, mechanic $27 per day; Item 3, $30,500; ship 280 days, 25,000 lbs.; total bids for schedule, $986,500. Schedule No. 2, Item 4, $1,399,500; ship 500, 560, 620, 680, 740, 800 days; 3,600,000 lbs.; $550 increase and decrease per lin. ft.; $10,000 reduction if grinding apparatus omitted; Item 5, engineer $30, mechanic $27 per day; Item 6, $30,500; ship 280 days, 25,000 lbs.; total bids for schedule, $1,430,000; f.o.b. West Allis; terms net.

Worthington Pump & Machinery Corp., Harrison, N. J., Schedule No. 1, Item 1, $1,148,710; ship 600, 660, 720, 780 days; 1 ft. increase in length means $4500 increase in bid and 14,000 lbs. increase; 2 ft. increase in length means $10,400 and 32,200 lbs. increase; 3 ft. increase in length means $16,900 and 52,400 lbs. increase; 1 ft. decrease in length means $4140 and 15,480 lbs. decrease in bid; 2 ft. decrease in length means $7740 and 28,800 lbs. decrease; 3 ft. decrease in length means $10,940 and 40,800 lbs. decrease; $11,840 reduction if grinding apparatus omitted; Item 2, engineer $30 per day, mechanic $25 per day; Item 9, $46,100; ship 280 days; total weight, 2,546,790; $1,194,810 for total bid. Schedule No. 2, Item 4, $1,618,263; ship 600, 660, 720, 780, 840, 900 days; 1 ft. increase in length means $6800 increase in bid and 21,000 lbs. increase; 2 ft. increase means $15,600 and 48,300 lbs. increase; 3 ft. increase means $24,200 and 78,600 lbs. increase; 1 ft. decrease means $6210 and 23,220 decrease; 2 ft. decrease means $11,610 and 43,200 lbs. decrease; 3 ft. decrease means $16,410 and 61,200 lbs. decrease; $2500 reduction if grinding apparatus omitted; total bid on schedule 2, $1,664,363, f.o.b. York, Pa.

3/14/46 • • 43
BIDS WANTED

FRIANT DAM, Calif.—Until April 16, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1227, for furnishing and delivering fob cars at the shipping point or fob cars at Friant, Calif., at the option of the bidder, two 30-ton capacity gantry cranes ofr installation at Friant Dam, Friant Division, Central Valley Project. The gantry cranes will be installed by the Government. The specifications do not contain a provision for liquidated damages for delay. No charge for copies of the specifications to prospective bona fide bidders; to others, $2.00, not returnable.

3/14/46 •• 34
BIDS WANTED

CRESCENT CITY, Del Norte Co., Calif.—Until April 10, 2 P. M., bids will be received by the U. S. Engineer Office, 74 New Montgomery St., San Francisco, under Serial No. 04-203-46-6 for construction of the inner breakwater at Crescent City harbor. Work involves 82,500 cu. yds. stone and consists of constructing a rubble breakwater approximately 1100 ft. long, extending northwesterly from Whaler Island in Crescent City Harbor.

Specifications obtainable from the above office.

3/14/46 • 43
BIDS ADVANCED

MISSOURI BASIN PROJECT, Wyoming.—Until April 4, 2 P. M. (advanced from April 14), bids will be received at the office of the Bureau of Reclamation, Denver, Colo., for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Thermopolis, Wyo., at the option of the bidder, four motor-driven pumping units for installation in the Lucerne pumping plant, and one motor-driven pumping unit for installation in the Lucerne Relift pumping plant, Owl Creek Unit, Missouri Basin Project, Wyoming; Spec. No. 1209.

The pumping units will be installed by the government. The specifications contain a provision for liquidated damages for delay. No charge for copies of the specifications to prospective bona fide bidders; to others, $1.25, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colo.

3/14/46 •• 43
LOW BIDDERS

MISSOURI BASIN PROJECT, Nebraska. — Convertible Homes, Inc., Denver, Colo., at $44,635, submitted low bid to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1185 for furnishing and delivering 20 two - bedroom prefabricated portable and demountable houses for Enders government camp, Frenchman-Cambridge Unit, Missouri Basin Project, f.o.b. shipping point and/or Enders, Neb.

Green Lumber Co., Laurel, Minn., at $52,000, submitted second low bid.

Classified Advertising

POSITION WANTED

EXPERIENCED SPECIFICATION TYPIST desires temporary work. Write or wire Lillian Price, 1277 Spruce St, Berkeley. 3/12-13-14-15/46

HELP WANTED

CONSTR. SUPTS. for Industrial and Home Bldg. projects. Permanent employment and good salary for the right man. Work located in San Jose area. Reply Box 315 c/o Daily Pacific Builder. (3/13-14-15-18-19/46)

EXPERIENCED ARCHITECTURAL DRAFTSMAN. Phone GArfield 1760. to 3/18/46

WANTED

CONSTR. SUPT. for large building contractor. Must have excellent record and references. Salary to start $750 a month. Reply Box 313 c/o Daily Pacific Builder. (3/13-14-15-18-19/46)

CHIEF ESTIMATOR and MANAGER for large bldg. contractor. Must have excellent record and references. Salary to start $900 a month. Reply Box 314 c/o Daily Pacific Bldr. (3/13-14-15-18-19/46)

DRAFTSMAN wanted. Apply to John Hudspeth, Architect, with samples of work. 427 13th St., Oakland. •

Experienced ARCHITECTURAL DRAFTSMAN. Call for an interview. F. H. Reimers, A.I.A., 79 Post St., San Francisco.

LUMBER BROKER WANTED

LUMBER for building Peninsula home. Bay Building Co., 731 El Camino Real, Redwood City. (3/14-15-18-19-20/46)

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PLANS and Speculations

San Rafael: The topic of "Nine War Memorials or One", will be discussed soon by veterans groups, who have approved nine separate sites and memorials, and other groups, who favor one county memorial. $630,000 has been requested by the veterans for the construction.

oOo

Pittsburg: Norman D. Sundborg manager of the Contra Costa county fair, disclosed today that plans for additional buildings have been tentatively approved and will be drawn this month.

oOo

Sacramento: Toro Mountain fire watch station and four other vital posts will be built in time to serve during this year's fire season, Wm. F. Koch, forestry division supervisor of communications, has announced. By the 1947 fire season all 21 of the state's proposed stations will be completed, he said.

oOo

Mill Valley: A survey of street improvements urgently needed by this community is in progress, authorized by the city council. City Manager R. E. Baumberger has authorized City Engineer Al Siemer to determine what repairs should be done and estimated costs.

oOo

Los Angeles: A $45,000,000 modernization program is underway here by the hotel industry, Oren W. Nicholls of the Southern California Hotel association, and general manager of the Hayward hotel, said recently.

oOo

Reno: The county road commission has completed a tour of inspection of roads needing repair and plans are under consideration for construction work necessary to put the highways in top condition.

oOo

Greenbrae: Outline of a proposed county airport here has been presented to the board of supervisors by Col. Raymond Morrision, chairman of the airport committee of the Citizens Postwar Planning committee. Property with an assessed valuation of $79,244 is involved.

oOo

Sacramento: Inyo county will receive approximately $285,000 in state funds for school buildings under provisions of Senate Bill 60, recently passed and awaiting signature of Gov. Warren, Sen. Charles Brown, co-author of the bill, has announced.

oOo

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FOR SURPLUS SALES GET ON MAILING LIST

The War Assets Corporation (subsidiary of Reconstruction Finance Corporation) issues sales lists of surplus goods. You may have your name placed on the mailing list by making direct request to the War Assets Corporation (appropriate Division) and stating commodities in which interested. (See list below).

Consumer Goods Division — 30 Van Ness Ave., San Francisco:
- Machinery and Constr. Equipment;
- Motor Vehicles and Auto Parts: Accessories and Equipment;
- Hardware;
- Plumbing, Heating, Air Conditioning and Electrical.

Producer Goods Division — 256 Montgomery St., San Francisco.
- Paints, Varnishes and Lacquers;
- Petroleum Products, i.e., gasoline, lubricating oil, greases road oils and asphalts;
- Lumber;
- Pipe and Pipe Fittings;
- Structural Iron and Steel Shapes
- Wood Working and Metal Working Machines;
- Electrical Equipment, i.e., starters, switches, transformers, motors and generator sets.

A sales display room has been established at 460 Market Street, San Francisco.

OFFER SURPLUS BUILDING MATERIALS

In a special offering list now in the mail, the San Francisco office of the War Assets Corporation lists approximately $1,500,000 of miscellaneous building and maintenance items for sale from surplus inventories.

Included in the list are building paper and wallboards, cement, asphalt, fire bricks, and large inventories of well-known makes of insulation material.

In addition, this list also offers poles and piling and electrical wood specialty items, including oak brackets and cross arms.

Arrangements to inspect and purchase may be made through the San Francisco War Assets Corporation's sales office at 256 Montgomery street, and those not having received this miscellaneous list may obtain a copy by requesting List No. M-50.

GROOVER AND I

LIVERMORE

A reader in Bakersfield may wonder why I write a column about Livermore. The Livermore reader will understand. This proves our thinking is geographic.

★ ★ ★

This column was inspired by an information folder issued by the Livermore Chamber of Commerce. Seldom have I seen so much pertinent information on less than a square foot of paper.

★ ★ ★

Livermore was founded in 1835 by Robert Livermore, "an English sailor, who left the sea to establish his home here"—another way of saying the guy jumped ship. A healthy community proven by the fact that Livermore lived almost to the age of 80 years.

★ ★ ★

(This was seven years before MacMillian invited the bicycle—or Robert might have gone further.)

★ ★ ★

The city is one and a quarter miles square. The boundary lines run due north and south, east and west. A square city, setting true with the compass is unusual and should delight the heart of an engineer.

★ ★ ★

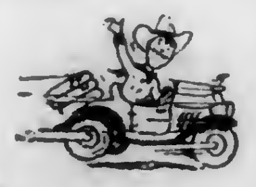
However, the simplicity isn't carried out—the streets are on a bias. This doesn't make sense until you note that the streets are laid out square with the old Central Pacific (now the S. P.) and the Western Pacific tracks.

★ ★ ★

In the founding days of the west railroads were more important than compass points and besides at that time, the only two important directions were East and West.

★ ★ ★

San Francisco is 44 sq. miles in area and no place to park an automobile. Livermore is about the right size—you can park at the county line and be practically downtown.



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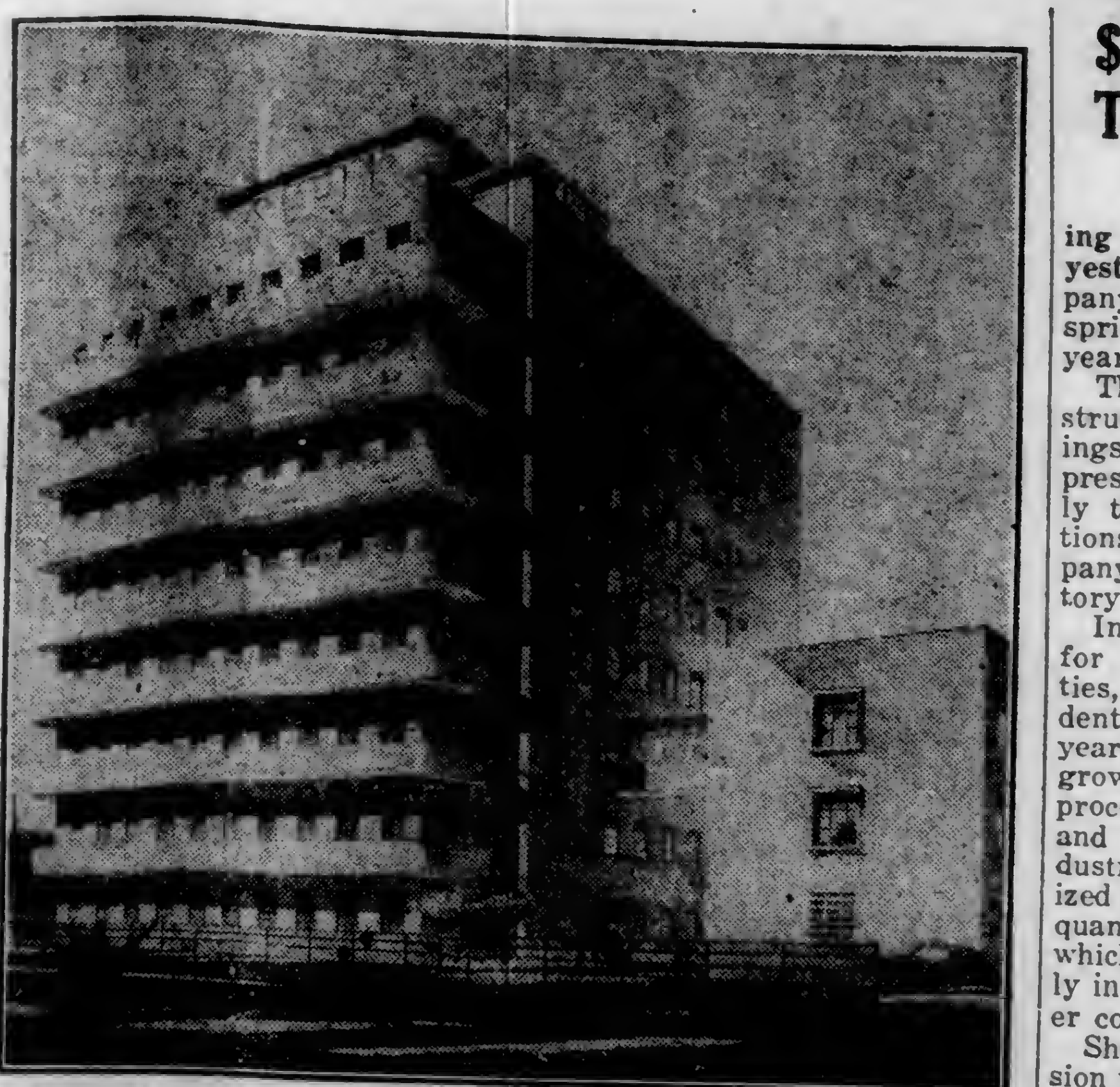
BUSINESS CLASS AT U. OF C. EXTENSION

Among the classes beginning next week at the San Francisco center, University of California Extension, 540 Powell street, are three in the business administration department. "Office Management", is scheduled for Monday evening; "Legal Aspects of Credit" meets Tuesday night; and "Real Estate Appraisal and Evaluation" starts Wednesday night. All classes meet from 7 to 9 p. m.

Shell Starts Huge Expansion



All eight floors of this proposed new building will be used to house the staff of scientists and the research laboratories of Shell Development Company in Emeryville, Calif. It is one of three major structures included in a $3,500,000 expansion program now being undertaken by Shell's research organization, largest in the West.

$3,500,000 Construction Program Begins To Expand Emeryville Research Facilities

Expansion of Shell's research laboratories at Emeryville, involving a capital expenditure of more than $3,500,000 was announced yesterday by A. E. Lacombe' president of Shell Development Company. Construction will begin this spring and continue over a two-year period.

The undertaking includes construction of three major new buildings and extensive remodeling of present facilities. It follows closely the lifting of building restrictions which did not allow the company to add much-needed laboratory space during the war.

In explaining the critical need for expansion of research facilities, the Shell development president pointed out that in recent years the petroleum industry has grown from a relatively simple processing industry into a complex and diversified manufacturing industry producing highly specialized petroleum products and large quantities of chemical materials which were formerly available only in limited volume at much higher cost.

Shell leaders view their expansion undertaking as a long-term investment in the continued technical progress of American industry.

"Our building program is another step to insure that the Shell organization will always be a leader in the quality of products sold, in the development of new products, and in the improvement of manufacturing methods," Lacomble' said.

To aid and expand this type of scientific probing, Shell Development's management asked the architectural firm of Allison and Rible, Los Angeles, to submit plans for complete modernization of present facilities at Emeryville. Their unitized design calls for construction of three major new buildings and considerable remodeling and rearranging of present facilities.

Architectural plans now approved show the largest of the new buildings as an eight-story structure with basement, designed primarily to house the research laboratories. It will be of steel and concrete construction, built in the form of a square with ventilation ducts and elevators in the center and laboratory space around the perimeter. Exterior balconies will be a feature of the architecture.

The second major building will be in reality a five-story addition to the present administration building. Its completion will necessitate modernizing the existing facilities to harmonize with the new construction and will double the space now available for office and staff workers.

The third structure is designed for heavy equipment. It will reach four stories with a basement and will house the large-scale laboratory facilities and service shops. As its long dimension will face toward San Francisco Bay on the west, architectural treatment of the building features a windowless wall to eliminate sun glare.

In addition to the new buildings Shell Development's expansion program calls for a substantial expenditure to remodel present facilities, construct small experimental plant buildings and provide new furnishings and equipment.

Five high-speed automatic elevators will provide passenger transportation in what will be Emeryville's tallest buildings. Two additional elevators will handle freight.

All buildings will be equipped with fluorescent lighting, central heating and ventilation. A separate drinking water system will pipe water to individual coolers.

Specially constructed laboratory furnishings will be installed and the interior will be decorated in a color harmony chosen for eye comfort and attractive appearance. Extensive use of sound-proofing will reduce noises commonly associated with an industrial section.

The two main buildings will be connected at the third-floor level by enclosed bridges, and a covered walk-way will permit easy movement throughout the plant area.

#

LUMBERMEN'S LUNCHEON

The next luncheon and get-together of the San Francisco Lumbermen's club will be at noon Tuesday in the Concert Room of the Palace hotel.

Clinton W. Stein, special agent in charge of the local FBI office, will speak on the activities of the FBI.

State Labor Code Revisions Published

Changes in the labor laws made at the 1945 session of the Legislature have been included in the 1945 edition of the Labor Code which has just been published, announced Paul Scharrenberg, Director of the California Department of Industrial Relations, today.

"We find that many violations of the labor law are not due to wilfulness but to lack of acquaintance with the statutes," said Mr. Scharrenberg, who urged all employers, labor unions and interested parties to secure copies of the new Labor Code.

The current edition of the Labor Code is of particular importance because it incorporates the far-reaching changes brought about as a result of the recent reorganization of the Department of Industrial Relations.

Copies may be secured at the office of the Bureau of Printing, Documents Division, Room 214, State Capitol, Sacramento, at 77 cents each.

Architects' Luncheons Slated March 20, 29

President Andrew T. Hass of the Northern California Chapter of the American Institute of Architects, announced today that architects luncheons will be held on March 20 and 29 in the English Room in the Palace Hotel.

Architect Paul Williams, Los Angeles, will be the guest and speaker at the luncheon to be held at noon Wednesday, and Architect Pietro Belluschi, Portland, Ore., will be the guest and speaker at the luncheon to be held Friday noon, March 29. All architects are invited to attend these luncheons. Reservations are to be made with Architect Theodore Bernardi, EXbrook 8918.

Mr. Williams and Mr. Belluschi are coming to San Francisco as speakers on the "House I Want" program, which is being given under the auspices of the Womens' Architectural League, the San Francisco Museum of Art, and the Northern California Chapter of the American Institute of Architects.

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OFFICIAL PROPOSALS

FIRST PUBLISHED TODAY

Clearing the Rector Creek Reservoir Site in Napa County, California

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION of WATER RESOURCES

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Engineer, Room 401, Public Works Building, Sacramento, California, until 1:30 o'clock p.m. on **Wednesday March 27, 1946**, at which time they will be publicly opened and read, in the same room of said building, for performing work in accordance with the specifications therefor, to which special reference is made as follows:

CLEARING THE RECTOR CREEK RESERVOIR SITE IN NAPA COUNTY, CALIFORNIA.

State Engineer's Estimate

Item: 76.5 acres clearing the Rector Creek Site in Sections 19 and 20, T. 7 N., R. 4 W., M. D. B. & M.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Choker setter	$1.10
Hand timber faller	1.25
Head choker setter	1.25
Laborer	1.00
Machine (power-saw) faller	1.35
Powderman	1.375
Tractor operator	1.70
Truck driver (8 cubic yards water level capacity or more)	1.50
Truck driver (6 cubic yards and less than 8 cubic yards water level capacity)	1.25
Truck driver (4 cubic yards and less than 6 cubic yards water level capacity)	1.10
Truck driver (less than 4 cubic yards water level capacity)	1.00
Any classification omitted herein not less than	1.00

Overtime — one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen and guards)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modifications thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is particularly directed to the provisions of Section 7 of the Standard Specifications published by the Department of Public Works, Division of Highways, in April, 1945, regarding the laws to be observed, and Section 8, article (b), of the Standard Specifications regarding assignment of contract, and to Sections 4100 to 4108, inclusive, of the Government Code, State of California, regarding subcontracting and assignment of subcontracts.

Forms of proposal, bonds, contracts and specifications may be seen and obtained at the office of the State Engineer, Public Works Building, Sacramento, California, and they may be seen at the office of the State Engineer, 803 California State Building, Los Angeles, and at the offices of the Associated General Contractors in San Francisco and Los Angeles.

A representative from the State Engineer's office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character, and quantity of work to be done with a representative of the State Engineer.

No bid will be considered unless it is made on a blank form furnished by the State Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law. (See said Proposal Requirements and Conditions.)

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION of WATER RESOURCES
EDWARD HYATT,
State Engineer.
Dated March 15, 1946.
(Daily Pacific Builder)
(Mar. 15-22, 1946)

FIRST PUBLISHED TODAY

Highway Improvements—Shasta Co.

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **April 3, 1946**, at which time they will be publicly opened and read in the Assembly Room of said building, for repairing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Shasta County, between 4.5 miles east of Ingot and Montgomery Creek (II-Sha-28-B), about nine and seven-tenths (9.7) miles in length to be surfaced with plant-mixed surfacing.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Flagman	1.00
Laborer	1.00
Motor grader operator	1.85
Oil distributor bootman	1.125
Oiler, power shovels or cranes	1.25
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shove lor other excavating equipment, shovel type controls (over one cubic yard)	2.00
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.5625
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.4375
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.375
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Any classification omitted herein not less than	1.00

Overtime — one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen) — one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the district in which the work is situated, and at the office of the Associated General Contractors in San Frnacisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law. See said Proposal Requirements and Conditions.)

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated March 15, 1946.
(Daily Pacific Builder)
(Mar. 15-22-29, 1946)

Highway Improvements — Monterey County at Priest Valley Maintenance Station

STATE OF CALIFORNIA
DTPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, 50 Higuera Street, San Luis Obispo, California, until 10:00 A. M. o'clock, on **March 21, 1946**, at which time and place they will be publicly opened and read, for performing work as follows:

Monterey County, at the Priest Valley Maintenance Station, about 23 miles east of San Lucas (V-Mon-10-C) a water well to be drilled and cased.

Plans and specifications, and forms of proposal, bonds, and contract may be obtained at the above address.

No bid will be considered unless it is made on a proposal form furnished by the District Engineer, and is made in accordance with the provisions set forth under Section 2, "Proposal Requirements and Conditions" of the Standard Specifications. Each bid must be accompanied by a proposal guaranty in accordance with the requirements of article (f) of the said Section 2 of the Standard Specifications.

The Department of Public Works reserves the right to reject any or all bids.

The quantities listed in the State Highway Engineer's Estimate hereinafter stated, are approximate only, being given as a basis for the comparison of bids, and the Department of Public Works does not, expressly or by implication, agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work, or to omit portions of the work, as may be deemed by the Engineer to be necessary or advisable.

Bids are required on the entire work described herein.

The rates of wages, including overtime, holiday or Sunday rates, herein specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Laborer	$1.00
Drilling machinery operator	1.70
Any classification omitted herein not less than	1.00

Overtime—one and one-half (1½) times the above rates. Sundays and holidays (except watchmen, guards and flagman) — one and one-half (1½) times the above rates.

State Highway Engineer's Estimate

Item 1. 150 lineal feet drilling and casing well.

Item 2. 10 hours pumping well.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY
State Highway Engineer
By L. H. Gibson,
District Engineer, District V.
Dated: March 4, 1946.
(Daily Pacific Builder)
(March 8, 15, 1946)

Intention No. 1-26-46F—Sanitary Board of the San Pablo Sanitary District of California

NOTICE INVITING SEALED PROPOSALS FOR SEWER IMPROVEMENTS UNDER IMPROVEMENT ACT OF 1911 AND UNDER IMPROVEMENT BOND ACT OF 1915

Pursuant to statute and to resolution by the Sanitary Board of the San Pablo Sanitary District of California, ordering the work and directing this notice, said Sanitary Board hereby invites sealed proposals or bids for doing the work and improvement described in Resolution of Intention No. 1-26-46F of said Sanitary Board of the San Pablo Sanitary District of California adopted January 26, 1946. Said Resolution of Intention is hereby referred to for a description of said work and improvement, the grades to which it is to be done, a description of the District to be assessed to pay the costs and expenses thereof, the bonds to be issued upon the security of the unpaid assessments and for all other particulars contained in said Resolution of Intention. Reference is hereby further made to the plans and specifications for said work and improvements on file in the office of the Secretary of said Sanitary Board, in accordance with which said work and improvement shall be done and made.

All proposals or bids shall be accompanied by a check payable to the Sanitary Board of said San Pablo Sanitary District and certified by a responsible bank for an amount which shall be not less than ten percent (10%) of the aggregate amount of proposal, or by a bond for said amount and so payable, signed by the bidder and two sureties, who shall justify, before an officer competent to administer an oath, in double the said amount, over and above all statutory exemptions.

Notice is hereby given that in accordance with law, said San Pablo Sanitary District, California, has determined and established the general prevailing rate of per diem wages for each craft or type of workman needed to execute and perform said work and improvement, a schedule thereof being hereto appended and designated ".Schedule of Per Diem Wage Rates".

SCHEDULE OF PER DIEM WAGE RATES

Classification	Per Diem Wage
Pipe Layer (Ironstone Sewer Only)	$13.60
Plumbers	13.60
Tractor Operator	13.60
Power Grader Operator	14.80
Drag Line or Crane Operator (Under 1 cubic yard)	16.00
Drag Line or Crane Operator (Over 1 cubic yard)	18.00
Trenching Machine Operator	14.80
Power Roller Operator	13.20
Power Shovel Operator (Under 1 cubic yard)	16.00
Power Shovel Operator (Over 1 cubic yard)	18.00
Oilers and Firemen	11.20
General Laborers	10.00
Pneumatic Tool Operators	11.00
Powder Men	12.00
Bricklayer (plus transportation)	16.40
Hod Carrier (plus transportation)	12.20
Guards, Flagmen and Watchmen	10.00
Labor Foremen	12.00
Concrete Mixer Operator	12.00
Cement Finishers	14.00
Carpenters	14.00
Pilemen-Bridgemen	14.88
Truck Driver:	
(Dump—under 4 cubic yards)	9.20
(Dump—4 cu. yd., under 6 cubic yards)	10.10
(Dump—6 cu. yds., under 8 cubic yards)	11.00
(Dump—8 cubic yards)	13.80
(Pickup under 1000 lbs.)	8.50
(Flat rack over 1000 lbs., less than 4500 lbs.)	9.20
(Flat rack over 4500 lbs.)	9.80
(Transit Mix Concrete under 2 cubic yards)	9.28
(Transit Mix Concrete, 2 cu. yds. and under 3 cu. yds.)	9.88
(Transit Mix Concrete, 3 cu. yds. and under 5 cu. yds.)	10.58
(Winch Truck)	10.38
(Road Oil)	9.78
(Water Truck)	9.78

The minimum wage paid to all skilled laborers for which rates are not shown above shall be not less than $1.50 per hour.

The minimum wage paid to all unskilled laborers for which rates are not shown above shall be not less than $1.25 per hour.

Overtime rates, unles otherwise specified, at rate of double time.

Teamsters, all overtime at rate of time and one-half.

Shift work, two or more consecutive shifts, 7 hours work at eight hours pay. Eight hours shall constitute a day's work unless otherwise noted. The contractor shall, in the performance of the work and improvements, conform to the Labor Code of the State of California and other laws of the State of California, applicable thereto, the exception only of such variations as may be required under the special statutes pursuant to which proceedings hereunder are taken and which have not been superseded by the provisions of the Labor Code. Preference to labor shall be given only in the manner provided by law. Veterans and resident local labor shall be given preference by the contractor whenever possible, if skill and working ability permit without increasing the ultimate cost of the work and improvements to the District and its officer.

Reference is hereby made for further particulars to the resolution of the Sanitary Board of the San Pablo Sanitary District of California, adopted March 1, 1946, establishing such wage rates and the attention of all bidders is directed to said resolution on file in the office of the Secretary of the Sanitary Board of the San Pablo Sanitary District.

Said proposals or bids shall be delivered to the Secretary of said San Pablo Sanitary District on or before 7 o'clock P. M., on Monday, **the 25th day of March, 1946**, on which day and hour all proposals or bids received will be publicly opened by said Sanitary Board of the San Pablo Sanitary District, California.

Dated: March 1, 1946.
FRITZ CARLFIELD,
Secretary of the Sanitary Board of San Pablo Sanitary District, Contra Costa County, California
(Daily Pacific Builder)
(March 8, 15, 1946)

Highway Improvements—Mendocino County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **March 27, 1946**, at which time they will be publicly opened and read, in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Mendocino County, at Dooley Creek, 1 mile east of Hopland (I-Men-16-A), a reinforced concrete slab bridge on concrete pile bents to be constructed and about twelve hundredths (0.12) mile of approaches to be graded and surfaced with road-mixed surfacing and seal coat applied thereto.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.125
Cement finisher	1.75
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity)	1.70
Concrete vibrator operator	1.25
Flagman	1.00
Jackhammer operator	1.25
Laborer	1.00
Motor grader operator	1.85
Oil distributor bootman	1.125
Oiler, power shovels or cranes	1.25
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equpment, shovel type controls (over one cubic yard)	2.00
Pile driver hoistman or operator	1.85
Pile driver man	1.61
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.5625
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.4375
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.375
Truck driver (4 cubic yards and less than 8 cubic yards water level capaciyt)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Any classification omitted herein not less than	1.00

Overtime — one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specification. Each bidder must be licensed and also prequalified as required by law (see said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated March 1, 1946.
(Daily Pacific Builder)
(Mar. 1-8-15, 1946)

Highway Imp.—Merced County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock P. M., on **March 27, 1946** at which time they will be publicly opened and read in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Merced County, between Black Rascal Canal and Buhach Station (X-Mer-4-C), about three and eight-tenths (3.8) miles in length to be graded and paved with Portland cement concrete and four (4) bridges to be constructed.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Skilled Labor	
Asphalt plant dryerman or fireman	1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.325
Cement finisher	1.75
Concrete mixer operator (one cu. yd. capacity or less)	1.45
Concrete mixer operator (over 1 c.y yd. capacity and paving type)	1.70
Mechanical tamper and finisher operator (concrete or asphalt)	1.70
Motor grader operator	1.85
Operator of power shovel or other excavating equipment, shovel type controls (up to and including 1 cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over 1 cubic yard)	2.00
Pile driver hoistman or operator	1.85
Pile driver man	1.61
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.5625
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.4375
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.375
Intermediate Grade Labor	
Concrete vibrator operator	1.25
Headerboard man	1.375
Jackhammer operator	1.25
Oil distributor bootman	1.125
Oiler power shovels or cranes	1.25
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Unskilled Labor	
Flagman	1.00
Laborer	1.00

Positions not listed above will be allocated in accordance with the definitions which appear in the special provisions, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.25 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.00 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.00 per hour.

Overtime: one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagman): one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposed to be done will be financed in whole or in part with Federal funds and that therefore all of the applicable Federal statutes, rules, and regulations will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifications regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (See said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY
State Highway Engineer
Dated: March 1, 1946.
(Daily Pacific Builder)
(March 1, 8. 15, 1946)

Highway Improvements—Siskiyou County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **March 20, 1946** at which time they will be publicly opened and read in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made as follows:

Siskiyou County between Yreka and Camp Lowe (II-Sis-3-Yre,C), about thirteen and three-tenths (13.3) miles in length to be surfaced with imported borrow base and plant-mixed surfacing

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Flagman	1.00
Laborer	1.00
Motor grader operator	1.85
Oil distributor bootman	1.125
Oiler, power shovels or cranes	1.25
other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.5625
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.4375
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.375
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Any classification omitted herein not less than	1.00

Overtime — one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President of any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the district in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law. (See said Proposal Requirements and Conditions.)

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated March 1, 1946.
(Daily Pacific Builder)
(Mar. 1-8-15, 1946)

Highway Improvement—Siskiyou Co.

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **March 27, 1946**, at which time they will be publicly opened and read in the Assembly Room of said building, for repairing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Siskiyou County, portions between Weed and Yreka (II-Sis-3-B), about twenty and four-tenths (20.4) miles in length to be surfaced with imported borrow base and plant-mixed surfacing.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Flagman	1.00
Laborer	1.00
Motor grader operator	1.85
Oil distributor bootman	1.125
Oiler, power shovels or cranes	1.25
Operator of power shove lor other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.5625
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.4375
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.375
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Any classification omitted herein not less than	1.00

Overtime — one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President of any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the district in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law. (See said Proposal Requirements and Conditions.)

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated March 8, 1946.
(Daily Pacific Builder)
(Mar. 8-15-22, 1946)

#

Highway Improvements—Lake Co.

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **March 27, 1946**, at which time they will be publicly opened and read, in the Assembly Room of said building, for construction in accordance with the specifications therefor, to which special reference is made, of a portion of State highway as follows:

Lake County, across Kelsey Creek at Kelseyville (I-Lak-89-D), a structural steel girder bridge and approaches to be constructed.

Bids are required on the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Skilled Labor	
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.125
Cement finisher	1.75
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity and paving type)	1.70
Derrick operator	2.00
Motor grader operator	1.85
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Painter (structural steel)	1.625
Pile driver hoistman or operator	1.85
Pile driver man	1.61
Reinforcing steel worker	1.50
Roller operator	1.65
Structural steel worker	1.75
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.5625
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.4375
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.375
Intermediate Grade Labor	
Concrete vibrator operator	1.25
Jackhammer operator	1.25
Oil distributor bootman	1.125
Oiler, power shovels or cranes	1.25
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Unskilled Labor	
Flagman	1.00
Laborer	1.00

Positions not listed above will be allocated in accordance with the definitions which appear in the special provisions, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.25 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.00 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.00 per hour.

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposed to be done will be financed in whole or in part with Federal funds and that therefore all of the applicable Federal statutes, rules, and regulations will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifications regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications, regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (See said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated March 1, 1946.
(Daily Pacific Builder)
(Mar. 1-8-15. 1946)

For Better Building

OFFICE AND WAREHOUSE

Ground was broken in December for the construction of a Frigidaire District Office and warehouse in North Kansas City. The building will provide approximately 45,000 sq. ft. of office, storage, repair and sales space, will cost approximately $200,000. Construction is expected to take from 90 to 120 days.

RESEARCH LABORATORIES

The Standard Oil Co. of Indiana has announced plans for new research laboratories in Hammond, Ind., and work has been started on some of the buildings in the group. The main administration building, general laboratories, three pilot-plant buildings and a cafeteria are scheduled for immediate construction; an engine laboratory, a greenhouse for insecticide work, additional pilot-plant buildings and other research facilities will follow later.

Principal buildings in the group will be of light-gray brick, will be air conditioned througout. The basic unit will be a two-man laboratory, with removable partitions to permit easy alteration to one-man laboratories or larger areas as desired. Holabird & Root, Chicago, are the architects.

FLOOR SPACE TREBLED

Immediate trebling of floor space in its Kokomo, Ind., factory has been announced by the Pittsburgh Plate Glass Co. The plant fabricates Pittco storefront metal.

The expansion, expected to cost approximately $800,000, will increase floor space from 30,000 to 90,000 sq. ft., and will add facilities for the production of a new line of rolled shapes from aluminum sheet or strip. The Mahony-Troast Construction Co., Passaic, N. J., is engineer and building contractor.

PLANT FOR WASHERS

Immediate construction of a new Los Angeles plant has been announced by the Hurley Machine Division, Electric Household Utilities Corp., for the manufacture of Thor Automagic Washers.

Representing a possible $1,000,000 investment when fully developed, the new plant will be built on a 10-acre site in El Monte, a suburb of Los Angeles, will have a 600-ft. frontage and cover 170,000 sq. ft.

Men Behind The Jobs - - Frank A. Banks, Engineer and Administrator

If Frank A. Banks hadn't become a Government engineer he would have been a good teammate for "Cannonball" Baker or "Barney" Oldfield, because the man who will direct the destinies of the Bureau of Reclamation's largest single irrigation system likes to travel fast, whether on land or water.

Fortunately for the Columbia Basin Project and for the multitude of 140,000,000 Americans who are shareholders in this great enterprise, Banks' love for speed has been applied mostly to the construction field—but he undoubtedly could have been a strong contender for land and water speed records. As it was, though, the engineer's aptitude for speedy action made it possible for Grand Coulee Dam to take its position early in the war as a leading producer of hydroelectric energy—and to make possible the operation of the atomic bomb plant at Hanford. Now the Government has called upon him to supervise construction of the irrigation phases of the Columbia Basin Project, a job much bigger than the building of Grand Coulee Dam, and Banks is extremely proud, but not boastful, of that distinction.

Banks' desire to move just a little faster than the average person was evidenced early in his career. He was graduated from the University of Maine in 1906 with a bachelor of science degree in Civil Engineering, joined the Bureau of Reclamation the same year and was assigned to the Lower Yellowstone Project in Montana.

After three years at Lower Yellowstone he became Division Designing Engineer at Boise, Idaho, where he prepared preliminary plans for the Arrowrock dam, for years the highest in the world. From 1913 to 1917 he was in charge of the Jackson Lake Dam in Wyoming, which created a reservoir then fourth largest in the United States and fifth largest in the world. During the following three years he was construction engineer on the Minidoka Project in Idaho, and from 1920 to 1927 he held similar responsibilities in the American Falls Project of Idaho.

From 1927 to 1933, he headed construction forces building Owyhee Dam of the Owyhee Project (Ore.-Ida.) which, until the completion of Boulder Dam, was the highest dam in the world.

Then, in 1933, the engineer came to the Columbia Basin Project and took over the reins in building the biggest dam ever constructed by man. He has held the job of construction engineer, and then supervising engineer of the Columbia Basin Project continuously since then and in addition he was drafted as Acting Administrator for the Bonneville Power Administration for four months in 1939. In October, 1943, the Bureau of Reclamation honored him further by naming him Regional Director of Region I. This heavy responsibility, however, frequently drew him away from his beloved Coulee Dam, and on Nov. 21 of last year he relinquished his duties as regional director so that he could devote full time to the Columbia Basin Project.

Highly respected throughout the engineering world, the supervising engineer for the Columbia Basin Project has not let honorary degrees and other plaudits change his inherently friendly nature.

FRANK A. BANKS

"The Boss", or "The Chief", as he is known by his associates, is wholly free of conceit and doesn't care to be addressed as "Dr Banks", although he holds honorary degrees from the University of Maine and Washington State College.

Despite that he holds the highest position in the Pacific Northwest's largest building job and his responsibilities surpass those of the president of a multi-million-dollar corporation, Banks hasn't surounded himself with swanky office furniture or other luxuries befitting his title. His desk is the same as anyone's, his chair is not leather upholstered, but is the familiar oak found in any office on the project.

Probably the greatest tribute ever paid the supervising engineer came from the Sacramento "Bee" on Aug. 14, 1943, which editoralized:

"Banks is the engineer who was in charge of building the Grand Coulee Dam, the greatest structure ever built by the hand of man. He is now its administrator.

"For the same job, a private utility would pay Mr. Banks probably $100,000 a year. Mr. Banks would get more money, but he probably would not have such tremendous things to do." And Frank A. Banks likes to do tremendous things.

#

U. S. STEEL TELLS OF WAR CONVERSION

The war role of the steel industry told by its largest producer, the United States Steel Corp., is graphically portrayed in a two-color 164-page book titled, "Steel in the War".

The book assembles for the first time facts and figures which measure the importance to national security of this basic metal. Generously illustrated with action photographs taken by the Army and Navy, the book carries the story of home-front production which backed up the assault on beaches and cities on European and Asiatic fighting fronts.

The story of the conversion of America's great basic industry to war production and its expansion to meet the greatest demand for steel ever known is impressive. Copies of it have been circulated to thousands of libraries where they may be used for reference purposes. The book was written and compiled by Douglas A. Fisher of the Office of Assistant to Chariman, United States Steel Corporation, New York City 6.

Cost Accountants In Quiz Program Duel

San Francisco cost accountants lost a battle of wits Saturday night in a radio quiz duel program heard over station KFRC in San Francisco.

The program, "Quiz of Two Cities", is a weekly feature and carried the battle between Los Angeles and San Francisco chapters of the National Association of Cost Accountants.

Local accountants participating were: Douglass M. Barrows, El Dorado Oil Works; Harry K. Roberts, Crown Zellerbach Corp.; Roger Rush, Sunset-McKee Standard Register Sales Co.; and Moritz E. Pape, Consolidated Chemical Industries, Inc.

A return engagement is anticipated in the near future when local "whiz kids of the figures" will attempt to recoup their losses.

#

RUBBER BASE PAINT AVAILABLE AGAIN

Before hostilities, when rubber was plentiful, the entire painting industry was becoming acquainted with a new type paint made with a rubber base. A paint that was tasteless, would dry in less than one hour, and would resist chemicals and food products the same as a rubber glove would.

This product, sold under the trade name of RUBBER-COAT, is again on the market and has a multitude of uses in renovating and modernizing homes and other buildings.

Unused space in existing homes can be reclaimed and useable space can be added in new small homes by making basements dry and colorful. This can be accomplished economically and efficiently without elaborate remodeling or installations by waterproofing and decorating basements with RUBBER-COAT. Unless there is actual water pressure, RUBBER-COAT will prevent seepage through walls and floors. It is applied like ordinary paint to the interior surfaces of basements, walls and floors. It is tough, wear resistant and colorful and will not be affected by the lime and alkalinity of concrete or by repeated washings with strong soaps. It is resistant to spillage of gasoline, oil or alcohol.

For information as to retail and wholesale outlets, write to the Wilbur & Williams Company, Park Square Bldg., Boston 16, Mass.

REQUIRED READING FOR BUILDERS

HOUSES

The Book of Houses Planned for Beauty and Utility at Low Cost. 150 photographs, 100 plans for $5,000 to $10,000 homes. By John P. Dean and Simon Breines. New York 16, N. Y. (419 Fourth Ave.), Crown Publishers, 1946, 8½ by 11 in., 144 pp., illus. $2.

Anyone who has read Dr. Dean's recent book, "Home Ownership: Is It Sound?" (see AR, July, 1945, p. 128), will find the first few chapters of the current volume thoroughly familiar. Dr. Dean still warns constantly and convincingly of the dangers inherent in buying or building a house. It is a little curious, therefore, to find him teaming up with an architect in the production of a book on house planning.

The team is a happy one, however. The sensible, albeit discouraging, warnings of Dr. Dean go very nicely with the architectural understanding and logic of Simon Breines. In their preface these authors say that they are addressing their ideas to prospective purchasers of homes in the $5,000 to $10,000 class. They explain that most of the houses they have included are traditional in style because (1) most of the homes to be found for sale are traditional, (2) most people prefer such homes, (3) there is no point in including primarily modern houses when they are so hard to find, and (4) the good modern design is slanted at the $20,000 to $30,000 pocketbook. All very sensible. The houses themselves are sensible, too—well planned, most of them, and varying widely in both size and style. They are not presented as a portfolio from which the would - be home owner can select the house of his dreams, but as a handbook from which he may glean an idea here and another there to be incorporated into his ideal home.

This is a book that the prospective home owner will really find useful. The text covers every imaginable subject — from check lists and risks, costs and purchase plans, legal pitfalls and home safety, to "purchasing a neighborhood", making the most of the lot, the plan, remodeling, the basic house, prefabs, and weekend cabins. Photographs and plans are liberal in number, adequate in size.

It is unfortunate that more care was not taken with the appearance of the book itself. The photos are all a wishy-washy gray, many of the plans are blurred.

HOME BUILDING

Make Your Home Your Hobby. By Walter J. Coppock. Yellow Springs, O, The Antioch Press. 1945. 6 by 9 in., 92 pp., illus. $1.50

Contrary to the implications of its title, this is not a handbook of ideas on interior decorating, but another of the rabbit-like home-building-manual family. The hobby part of the title refers to the fact that the book is intended primarily for the person who wishes to do his building with his own hands.

Because of its itended audience, the book contains a good bit of practical information, much of it perforce rather elementary. Not enough attention is paid, however, to the problems of design. What little mention of design is made is usually on the negative side—such and such is "not good design."

Mr. Coppock, an engineer, is much more concerned with materials and workmanship than he is with plan. A good part of his book is given over to the technical: walls, stairs, piping, and so on. There is a whole chapter devoted to air conditioning, and another dealing exclusively with the reduction of building costs. Just one short chapter is given over to interior planning, and this is merely a description of three rather ordinary little houses, all very much alike. One of them is the author's own.

BRITISH BUILDING

Architects' Year Book. Jane B. Drew, F.R.I.B.A., ed. London, E.C. 1 (Diamond House. 36-38 Hatton Garden), Paul Elek, Ltd., 1945. 7½ by 10 in., 412 pp. illus. 35 s.

The aim of this volume, says the editor in her foreword, is "to show trend and to help the forward-looking architect by giving him the necessary background of basic contemporary knowledge." With this end in mind, 13 papers are presented on various subjects ranging from landscape architecture and town planning to housing, planning industrial buildings, and service buildings. A technical section includes 16 papers on such items as structural steel, reinforced concrete, fiberbuilding boards, plastics, acoustics, glass. To many of the articles are appended bilbiographies and reference lists.

CITY PLANNING

OHIO

Comprehensive City Plan. By the City Planning Commission, Greenville, Ohio. 8½ by 11 in. 92 pp., illus.

The aerial view which comprises the frontispiece of this planning report shows Greenville to be a city of long straight streets bisecting each other for the most part at right angles. More than the usual number of trees is evident, and there is one square, with a city hall at its center. The population distribution chart shows exceptional evenness throughout the greater part of the city. Greenville, on the whole, would seem to be an orderly city, with much of the groundwork of good planning already laid.

Under the direction of Ladislas Segoe, Planning Consultant, a Comprehensive City Plan has been drawn up "to guide, and in some measure control, both public and private improvements and developments." Because of the inherent soundness of the city, no very striking recommendations have been made. Zoning, subdivision control and building code adoption are proposed; "an organized, community wide program to encourage and promote the repair and modernization of older or substandard dwellings and high standards of maintenance of all structures . . . would seem highly desirable"; a plan of thoroughfares and highways is proposed; construction of several new schools, recreation

BOSTON

In Which We Live. Annual Report of the Boston Housing Authority, 1944-45. Boston 6, Mass. (10 Post Office Sq.), 1945. 8¼ by 11¼ in., 36 pp., illus.

The Boston Housing Authority, this report shows, has constructed to date eight developments and has two further developments on its schedule. The success of the existing projects is described and illustrated; the need for further building is graphically presented. The Authority is fully aware of the gigantic problem it faces, and it is striving valiantly to keep what it has gained through good management and careful maintenance. To increase efficiency and keep costs as low as possible, the Authority is gradually turnig over to its own staff much of the repair work, including all exterior painting.

#

"Engineering Highlights," Westinghouse Story

"Engineering Highlights", an interestingly written, well-illustrated 36-page review of 1946 engineering milestones of the Westinghouse Electric Corp., has been printed by the publicity division of that firm.

For copies write to the Westinghouse Electric Corp., 582 Market street, San Francisco 4.

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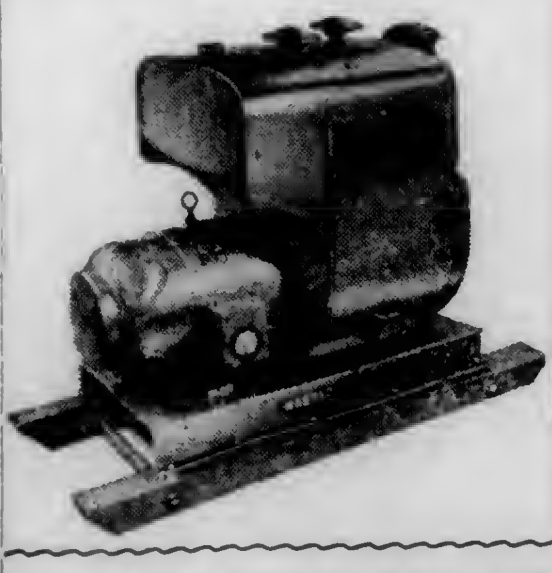
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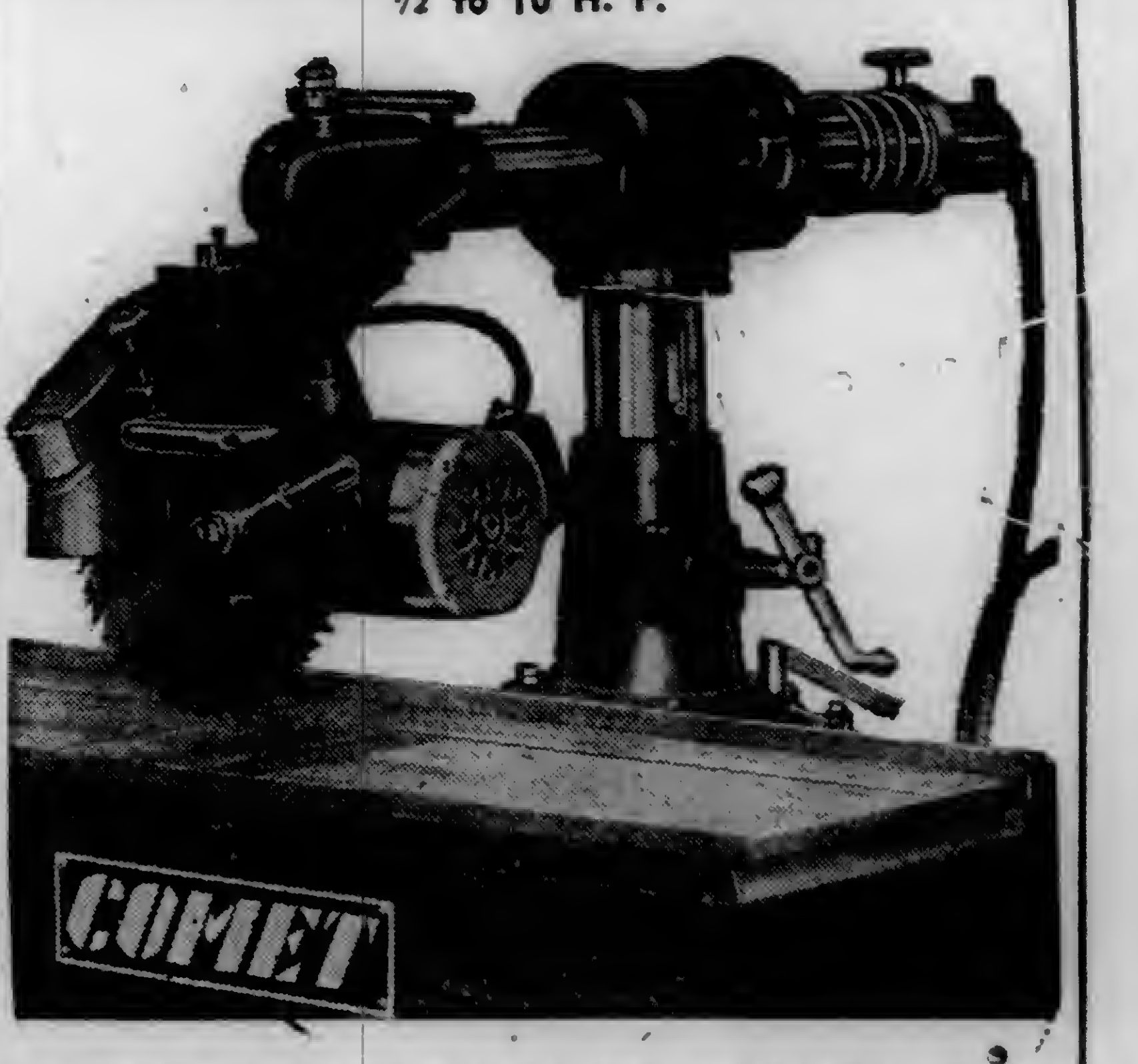
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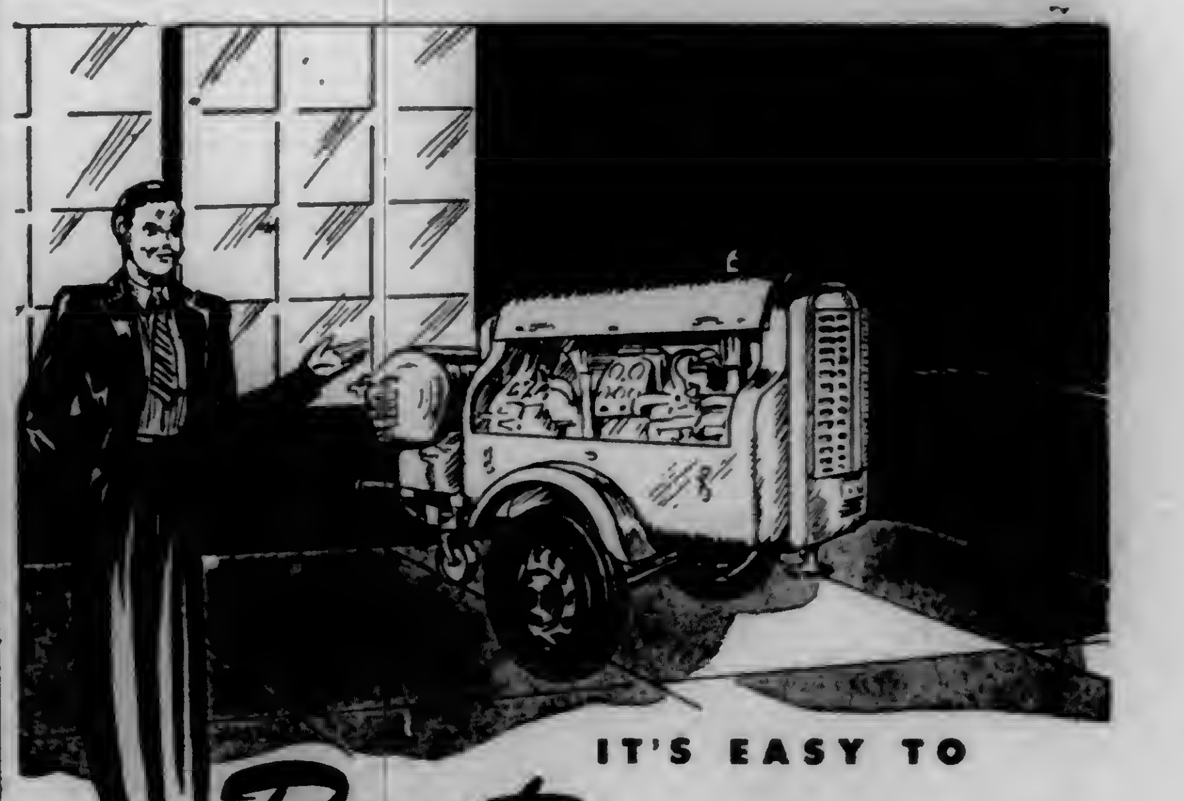
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DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

SUBSCRIPTION RATES:
$3.00 per Month; $30 per Year (Payable in Advance). Single Copy, 15c

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Transportation Bldgs. 27
Miscellaneous Bldgs. 28-30

1-8—COMMERCIAL BLDGS.

3/15/46 ** 6
WORK STATED
COMMERCIAL BLDG. Cost, $18,000
SAN BRUNO, San Mateo Co., Calif. 487 San Mateo Ave.
Construction of one-story frame and stucco building (irregular 80x55x75 ft.) to contain three stores.
Owner and Builder—Frank A. Poirier, 443 San Mateo Ave., San Bruno.
Plans by Merryman & Lane, associate designers, 443 San Mateo Ave., San Bruno.

3/15/46 ** 9
CONTRACT AWARDED
SAN FRANCISCO.—Patrick N. Sofarelli, 20337 Anita Ave. ,Hayward, at $1840, awarded contract by the Department of Public Works, Room 282 City Hall, for alterations to Room 164, Traffic Fines Bureau, City Hall.

3/15/46 * * 3
BIDS WANTED
TERMINAL ISLAND, Cal.—Until March 26, 11 A. M., bids will be received by the U. S. Navy, Public Works Office, U. S. Naval Base, Terminal Island (San Pedro) for the construction of three two-story reinforced concrete service buildings on Piers Nos. 1, 2 and 3, at the U. S. Naval Shipyards, Terminal Island; Spec. No. 17296, NOy 13122.

The buildings will contain 6488 square feet of floor space each and will be placed on existing concrete pier decks and connected to existing utilities.

Plans and specifications may be obtained from the above office upon deposit of check or postal mone order for $20, payable to the Chie of Bureau of Yards & Docks.

3/15/46 **
BIDS WANTED—TO CLOSE MARCH 26, 2 P. M.
SAFETY WINDOW BOLTS
ALAMEDA, Calif.
Furnish, install and finish safety window bolts for office building, A.A.F. Pacific Overseas Depot, Alameda; Serial No. 04-203-46-8.
Owner—U. S. Engineer Office, 74 New Montgomery St., San Francisco.
Plans by owner.

Bids will be taken as follows:
(1) 8 pair Peerless "G" type, pair safety anchor window bolts installed in concrete conditions;
(2) 256 pair Peerless "N" type, pair safety anchor window bolts installed in wood conditions.

Specifications obtainable from the above office.

3/15/46 ** 3
CONTRACT AWARDED
SAN FRANCISCO.—Empire Roofing Co., 261 Silver Ave., San Francisco, at $5489, awarded contract by Public Utilities Commission, Room 287 City Hall, under Municipal Railway contract No. 251 for repairing Geneva Ave. carhouse roof.

3/15/46 * 6
PREPARING WORKING DRAWINGS
STORE BUILDING Cost, $30,000
BERKELEY, Alameda County, Calif. Sacramento St. near Prince St.
Construction of two-story steel and wood frame store building.
Owner—Withheld.
Architect—John B. Anthony, 428 13th St., Oakland 12.
Engineer—J. Y. Long Co., 428 13th St., Oakland 12.

3/15/46 * * 4
PLANS COMPLETED
PUBLIC WORKS BLDG. Cost, $45,000
BURLINGAME, San Mateo Co., Cal. Primrose Road, in rear of city hall.
Construction of two-story reinforced concrete, with brick veneer and some structural steel, public works building (53x50 ft.) to house engineering department, building inspector's office, water department and park department.
Owner—City of Burlingame.
Architects—Sharps & Brown, 1477 Burlingame Ave., Burlingame.
Plans have been compl[illegible] a

3/15/46 4
SUB-CONTRACTS AWARDED
OFFICES Est. Cost, $25,000
HANFORD, Kings Co., Calif. Duty Street next to California Gas Co.
Construction of brick offices and showroom (25x95), terrazzo floors.
Owner—The Southern California Edison Company.
Contractor — R. H. Hougham, 1420 Kaweah Street, Hanford.
Roofing—Tri-Counties Roof & Insulation Co., 1001 E Main St., Visalia.
Heating and Sheet Metal and Iron Grille Work—New England Sheet Metal W'ks, 410 Broadway, Fresno.
Glass—W. P. Fuller & Co., 1339 Fulton Street, Fresno.
Painting—David Carlson, 604 Redington Street, Hanford.
Lathing and Plastering—Welty and Welty, Rte. 2, Box 366, Kingsburg.

3/15/46 * 8
SUB-CONTRACTS AWARDED
SHOWROOM Est. Cost, $25,000
HANFORD, Kings Co., Cal. E Sixth St. opp. Central Valley Cooperative Supply Assn.
Construction of glass showroom (25x40) for the Kaiser-Frazer automobile agency.
Owner — Millard D. Woods, Tulare County.
Contractor — R. H. Hougham, 1420 Kaweah Street, Hanford.
Roofing—Tri-Counties Roof & Insulation Co., 1001 E Main St., Visalia.
Plumbing—Ebi & Quinlan, 119 East Sixth St., Hanford.
Sheet Metal — New England Sheet Metal W'ks, 410 Broadway, Fresno.
Glass—W. P. Fuller & Co., 1339 Fulton Street, Fresno.

3/15/46 ** 4
WORK UNDER WAY
OFFICE AND STORE BUILDING Cost, $60,000
OAKLAND, Alameda County, Calif. South corner of Montclair and La Salle Aves.
Construction of two-story office and store building with stucco and stone front, second story gardened terrace, radiant heating, etc.
Owner—Paul Pause, Montclair Realty Co., 6540 Moraga, Oakland.
Architect—F. H. Slocombe, 132 Monte Cresta Ave., Oakland.
Contractor—Doty & Lockwood, 2003 E. 14th St, Oakland.

PREPARING PLANS
DEPARTMENT STORE Cost $750,000
MODESTO, Stanislaus County, Calif. J St. and 11th St.
Construction of two-story and basement and mezzanine store building, with provision for additional stories; three elevators or escalators, unit air conditioning, entrance doors of solid glass or plastic, etc.
Owner—Graeme MacDonald, 1 Montgomery St., San Francisco.
Lessee—J. C. Penney Co., Richard E. Penney, manager, 10th St., Modesto.
Contractor — MacDonald, Young & Nelson, 121 Montgomery St., San Francisco.

Plans include a second retail store having a 40-ft. frontage on J St. to be leased to another firm.

Original cost estimates have been increased to include additional features, land purchase price, building and fixtures.

Construction is planned for August.

3/15/46 ** 3
WORK STARTED
WAREHOUSE Cost, $30,300
EMERYVILLE, Alameda Co., Calif. Southwest Ocean and Doyle Sts.
Construction of one-story warehouse.
Owner and Builder—J. T. Thorpe & Son, Inc., 941 16th St., San Francisco.

3/15/46 ** 3
CONTRACT AWARDED
WAREHOUSE Cost, $60,000
SAN MATEO, Calif. 1743 S El Camino Real.
Construction of warehouse.
Owner—Reliable Van & Storage Co., 1737 S. El Camino Real, San Mateo.
Plans by Ray Miller, San Mateo.
Contractor—George Arthur & Sons, 941 S. Claremont St., San Mateo.

3/15/46 ** 6
BIDS IN—HELD UNDER ADVISEMENT
STORE BUILDING
OAKLAND, Alameda County, Calif. Montclair District.
Construction of one-story store building.
Owner—Withheld.
Architect—Chester H. Treichel, 696 Cleveland St., Oakland.

3/15/46 ** 6
CONTRACT AWARDED
SAN FRANCISCO.—The O'Mara & Stewart Co., Ltd., 218 Clara St., at $5740, awarded contract by the Public Utilities Commission, Room 287 City Hall, under Municipal Railway contract No. 246 for constructing heating system, Elkton paint shop.

3/15/46 * * 8
TO START WORK
DEPT. STORE Cost, $1,250,000
SAN FRANCISCO. N O'Farrell St. 188 W Stockton St.
Construction of a department store building.
Owner—O'Connor, Moffat & Company, Stockton and O'Farrell Sts.
Architect—W. P. Day & Associates, Financial Center Bldg
Contractor — Dinwiddle Constr. Co., 210 Crocker Bldg.

3/15/46 * * 33
LOW BIDDER
LOS ANGELES, Cal.—Oberg Bros. 401 W. Redondo Blvd., Inglewood, at $264,297.30 submitted low bid to G. T. McCoy, State Highway Engineer, 808 State Bldg., Los Angeles, for the construction of a structural steel overhead crossing with graded approaches, surfaced with asphalt concrete, on Anaheim Street approach road to Terminal Island Freeway, at Nicholson Ave., Los Angeles. VII-LA-Terminal Island. This is a national defense contract.

3/15/46 ** 8
TO START WORK
DEPARTMENT STORE Approximate Cost, $1,000,000
SAN FRANCISCO. Southwest corner Geary and Stockton Sts.
Construction of nine-story marble and granite department store building on present site of Butler Bldg.
Owner—I. Magnin & Co., Geary St. and Grant Ave.
Architect—Timothy L. Pflueger, 580 Market St.
Contractor—Dinwiddie Construction Co., 210 Crocker Bldg., San Francisco.

3/15/46 ** 3
TO START WORK
WAREHOUSE Cost, $550,000
SAN FRANCISCO. S. Howard St., 150 ft. east of Fifth St.
Construction of seven-story class B warehouse.
Owner—The Emporium, 835 Market Street.
Engineers — Hall & Pregnoff, 251 Kearny St.
Contractor — Dinwiddie Construction Co., 210 Crocker Bldg., San Francisco.

(Continued on Page Seven)

9-10—EDUCATIONAL BUILDINGS

3/15/46 ** 8
PREPARING WORKING DRAWINGS
STORE BUILDING Cost, $20,000
OAKLAND, Alameda County, Calif. E. 14th St.
Construction of steel and wood frame store building.
Owner—Thrifty Furniture Co.
Engineer—J. Y. Long Co., 428 13th St., Oakland 12.

3/15/46 * * 9
ARCHITECT SELECTED
HIGH SCHOOL
BAKERSFIELD, Kern Co., Calif. "P" and Fourth Streets.
Construction of high school building.
Owner—Kern Co. Union High School Dist., Theron McCuen, Supt., Bakersfield.
Architect—Chas. H. Biggar, 730 Holtby Road, Bakersfield.

3/15/46 ** 9
TO ASK BIDS SHORTLY
SCHOOL BUILDING Cost, $120,000
PITTSBURG, Contra Costa County, Calif. Willow Pass Road.
Construction of frame and stucco school building containing six classrooms and an addition to Ambrose School.
Owner — Ambrose School District, Willow Pass Rd., Pittsburg.
Architect—Carl F. Gromme, Alberts Bldg., San Rafael.

Bids will be asked on or about April 1.

3/15/46 ** 9
PLANNED
SCHOOL BUILDING Cost, $175,000
WELLS, Elko Co., Nev Wells High School.
Construction of concrete school building and gymnasium, brick facing.
Owner—Elk County Board of Education, Wells High School, Wells, Nev.
Plans by—Fetzer & Fetzer, Salt Lake City, Utah.

Bids will be asked about December 1, 1946.

3/15/46 ** 10
PREPARING PRELIMINARY PLANS
FOOD TECHNOLOGY BUILDING Cost, $670,000
DAVIS, Yolo County, Calif. Davis Campus.
Construction of two-story reinforced concrete food technology building.
Owner—Board of Regents of the University of California, Berkeley.
Architect — Herbert E. Goodpastor, Mitau Bldg., Sacramento.

3/15/46 ** 9
BOND ELECTION
SCHOOL ADDITION Cost, $275,000
TULARE, Tulare County, Calif.
Construction of reinforced concrete 10 - classroom addition to high school, including new cafeteria and repairs to present school shop.
Owner—Tulare Union High School District, A. B. Ledbetter, clerk, Tulare.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco.

The district will vote April 12 on a proposal to issue bonds in amount of $275,000 to finance the above construction.

3/15/46 ** 9
PROSPECTIVE BIDDERS
SCHOOL BUILDINGS
PITTSBURG, Contra Costa County, Calif.
Construction of two frame and concrete and brick veneered additions, one 3-classroom addition to the senior high school and one 4-classroom and toilet addition to the junior high school
Owner—Pittsburg Unified School District, Armand Stow, clerk, Senior High School, School St., opposite Norton St., Pittsburg.
Architct—Chas. F. Dean, 1407 California State Life Bldg., Sacramento.

Specifications obtainable from the office of the architect.

As previously reported, bids will be opened March 18, 8 P. M

The following contractors have taken out plans:

John J. Siino, 1020 Beacon St, Pittsburg.

Lawrence Construction Co., 3020 V St., Sacramento.

Transwestern Construction Co., Rialto Bldg., San Francisco.

M. J. King, Inc., 231 Franklin St., San Francisco.

3/15/46 ** 10
BIDS WANTED
WEST LOS ANGELES, Los Angeles Co., Calif—Until March 21, 2 P. M., bids will be received by the Regents of the University of California at Los Angeles, 405 Hilgard Ave., West Los Angeles, for the construction of a temporary engineering building on the Los Angeles Campus, University of California, Los Angeles, for University of California. The building will be a one-story structure, 55x180 ft. in area, of wood column and girder construction, plywood or stucco exterior and interior, composition roofing, cement floor, steel sash, terrazzo floor in toilets.

Plans and specifications may be obtained from the business office, 405 Hilgard Ave., Room 101 Administration Bldg., University of California at Los Angeles, upon deposit of $25.

Plans were prepared by Architect Maynard Lyndon, 921 Westwood Blvd., West Los Angeles.

(Continued on Page Seven)

12-13—INDUSTRIAL BUILDINGS

3/15/46 ** 12
SITE PURCHASED
SUBSTATION Cost, $11,000,000
SAN FRANCISCO. Northwest corner Mission and Eighth Sts.
Construction of new substation center for the distribution of electricity throughout the Bay Area.
Owner—Pacific Gas & Electric Co., 245 Market St., San Francisco.
Plans by engineering department of owner.

3/15/46 * 12
PREPARING PLANS
MANUFACTURING PLANT Cost, $100,000
LOS ANGELES, Calif. 2824 E. 11th Street.
Construction of one- and two-story masonry manufacturing plant and office building (152x119 ft.), acid-proof tile, structural steel, brick and tile, concrete slab floors, including two grain elevators, grain storage and oil storage tanks
Owner—The Frito Co., Inc., 1405 N. Haskell, Dallas, Texas.
Architect—Eugene E. Davis, 506 Burt Bldg., Dallas, Texas.

3/15/46 ** 13
CONTRACT AWARDED
BOILER Contract Price, $23,724
SAN JOSE, Santa Clara Co., Calif.
Furnish and install one 300 hp. high-pressure steam boiler.
Owner—P. S. Products Corp., Ltd., Race and Moorpark Ave., San Jose.
Engineer—G. M. Richards & Associates, 233 Kearny St., San Francisco.
Contractor—C. C. Moore & Co., 450 Mission St., San Francisco.

Contract awarded on alternate proposal for lower boiler.

3/15/46 ** **
WORK UNDER WAY
PLANT EXPANSION Cost, $125,000
EMERYVILLE, Alameda Co., Calif. Park Ave. and Hubbard St.
Construction of new plant to provide retail sales and storage departments and demonstration room.
Owner — Air Reduction Sales Co., Harold W. Saunders, district manager, 1280 45th St., Emeryville.
Contractors—H. J. Christensen Co. and W. E. Lyons Construction Co., 3454 Harlan St., Oakland.

3/15/46 ** 12
BIDS IN—HELD UNDER ADVISEMENT
LAUNDRY
SAN JOSE, Santa Clara Co., Calif. Delmas Ave.
Construction of one-story and mezzanine laundry plant with steel trusses (85x150 ft.)
Owner—Exchange Linen Service Co., 44 W. Julian St., San Jose.
Architect — Irwin M. Johnsno, 449 MacArthur Blvd., West Oakland.

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Superstructure for Ordnance Shop, San Francisco Naval Shipyard; NOy 12968; Spec. 17152; Bids open March 18, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
E. S. McKittrick Co., 610—16th St., Oakland (TWin Oaks 5070).
M & K Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
A. Farnell Blair Co., Inc., 9 Main St., San Francisco (YUkon 0390).
Moore & Roberts, 693 Mission St. San Francisco (GArfield 8579).
Peter Kiewit Sons' Co., 442 Post St., San Francisco (EXbrook 5736).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
MacDonald, Young & Nelson, 121 Montgomery St., S. F. (SUtter 8296)
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440)

Drug Storage Bldg., 4th and Clementina Streets, San Francisco; Bids open March 15, 10:00 A. M.
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616).
E. S. McKittrick Co., Inc., 610—16th Street, Oakland (TWinoaks 5070).
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)
DeLuca & Son, 1745 Filbert St., San Francisco (ORdway 3600).
M. & K. Corp., 200 Financial Center Bldg., S. F. (EXbrook 7624).
Transwestern Constr. Co., Rm. 825, Rialto Bldg., S. F. (DOuglas 5708)
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440)

Remodel Ford Agency, Market St. and Duboce Ave., San Francisco; Bids open March 15, 2:00 P. M.
Jacks & Irvine, 620 Market St., San Francisco (GArfield 2106).
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081).
H. E. Rahlmann, 251 Kearny St., San Francisco (DOuglas 8023)
G. P. W. Jensen & Sons, Inc., 320 Market St., S. F .(GArfield 2444)

Improve Facilities, South San Francisco, E. I. du Pont plant; Bids open March 18, 4:00 P. M. (EST).
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)

ALTER and Clean Bldg., 501-7 Howard St., S. F.; Bids open Mar. 20, 10 AM
Mariposa Constr. Co., 1106 Mariposa St., San Francisco (UNderhill 0375)
C. L. Wold Constr. Co., 4412 Fulton St., San Francisco (SKyline 4362)
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317)

Firehouse Addition, San Francisco Naval Shipyard; NOy 13034; Bids close March 20, 11:00 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
A. Farnell Blair Co., Inc., 9 Main St., San Francisco (YUkon 0390)

School Buildings, Pittsburg; Bids close March 18, 8:00 P. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Transwestern Constr. Co., Rm. 825, Rialto Bldg., S. F. (DOuglas 5708)

Theater Bldg., Fairfax, Marin County; Bids open March 15, 2 P. M.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070).
Elligson & Mitchell, 576 Natoma St., San Francisco (UNderhill 3973)
Moore & Roberts, 693 Mission St., San Francisco (GArfield 8579)
Central California Constr. Co., 116 Erie St., S. F. (HEmlock 7926)

N. Rothman Factory, South S. F.; Bids open March 22, 11 A. M.
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081)
MacDonald, Young & Nelson, 121 Montgomery St., S. F. (SUtter 8296)
Transwestern Constr. Co., Rm. 825, Rialto Bldg., S. F. (DOuglas 5708)
Rademann-Guisto, 40 Ringold St , San Francisco (MArket 8151)

Garage, R. Casazza, Lomita Park; Bids open March 22, 11 A. M.
MacDonald, Young & Nelson, 121 Montgomery St., S. F. (SUtter 8296)

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ADVANCE CONSTRUCTION REPORTS

3/15/46 • • 12
FACTORY Cost, $52,000
SON FRANCISCO. W Potrero Ave. 100 S 11th St.
Construction of two-story Class C **factory building.**
Owner—Rose Exterminator Co., 18th St. and Potrero Ave.
Engineer—I. Thompson, 58 Sutter St.
ArchitectDonald P. Smith, 58 Sutter.
Contractor—Lewis Constr. Co., 516—18th St., Oakland.

14-17—PUBLIC BLDGS.

3/15/46 •• 15
BIDS WANTED—TO BE OPENED APRIL 4, 2 P. M.
FERRY BLDG. ADDITIONS
SAN FRANCISCO. Embarcadero.
Construction of additions and alterations to provide office space for San Francisco Naval Base.
Owner—Board of State Harbor Commissioners, Ferry Bldg., San Francisco.
Plans by engineering department of owner, F. G. White, chief engineer, Ferry Bldg., San Francisco.

Plans and specifications obtainable from the above office of the State Harbor Commissioners upon deposit of $20.

3/15/46 •• 16
BID OPENED
SKYLIGHT GLASS
PORTLAND, Ore. U. S. Post Office.
Installation of ribbed glass in skylights.
Owner—Federal Works Agency, Public Buildings Administration, office of the district engineer, 838 U. S. Appraiser's Bldg., San Francisco.
Only Bidder—Lewis Construction Co., Lohnman Bldg., Seattle, Wash., $585.

3/15/46 •• 16
BIDS OPENED
EXTERIOR, INTERIOR PAINTING
HUNTINGTON PARK, Los Angeles Co., Calif. U. S. Post Office.
Exterior and interior painting and driveway repairs.
Owner—Federal Works Agency, Public Buildings Administration, office of the district engineer, 838 U. S. Appraiser's Bldg., San Francisco.
Low Bidder—Dan Sullivan, 517 12th St., Santa Monica, $1470.

Other bidders were:

Williams & Kelly, Los Angeles, $1692.

Gayton Engineering Co., Huntington Park, $1774.

W. D. Dunbar, Huntington Beach, $1981.

R. A. Newman, McMinnville, Ore., $1986.

Van Daele & Van Daele, Montebello, $2250.

3/15/46 •• 16
BIDS OPENED

ONTARIO, San Bernardino Co., Calif.—J. H. Valley, Box 147, Pasadena, at $474, submitted low bid to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for painting flagpole and miscellaneous repairs at the U. S. Post Office, Ontario.

Other bids were:

R. A. Newman, McMinnville, Ore., $489.

Nick Hemminga, San Francisco, $575.

3/15/46 •• 15
CONTRACT AWARDED

SAN FRANCISCO—Western Asbestos Co., 675 Townsend St., at $239, awarded contract by the Department of Public Works, Room 282 City Hall, for installation of acoustical tile in the controller's office, City Hall.

3/15/46 •• 16
BIDS OPENED
REMOVE TREES
PETALUMA, Sonoma County, Calif. U. S. Post Office.
Removal of trees.
Owner—Federal Works Agency, Public Buildings Administration, office of the district engineer, 838 U. S. Appraiser's Bldg., San Francisco.
Low Bidder—W. Ferris, $295.

Other bidders were:

Arbor Tree Service, San Francisco, $325.

Marion Tree Service, San Francisco, $595.

Huettiz & Schromm, Palo Alto, $768.

3/15/46 •• 16
BIDS OPENED
INTERIOR PAINTING
GARDENA, Los Angeles Co., Calif. U. S. Post Office.
Interior painting, painting flagpole and installing counter covering.
Owner—Federal Works Agency, Public Buildigs Administration, office of the district engineer, 838 U. S. Appraiser's Bldg., San Francisco.
Low Bidder—Dan Sullivan, 517 12th St., Santa Monica, $785.

Other bidders were:

Williams & Kelly, Los Angeles, $1070.

Van Daele & Van Daele, Montebello, $1088.

R. A. Newman, McMinnville, Ore., $1247.

Klass Bros., Los Angeles, $1403.

Gayton Engineering Co., Huntington Park, $1425.

3/15/46 •• 16
BIDS OPENED
ELEVATOR CABLES
SAFFORD, Ariz. U. S. Post Office.
Installation of new elevator cables.
Owner—Federal Works Agency, Public Buildings Administration, office of the district enginer, 838 U. S. Appraiser's Bldg., San Francisco.
Low Bidder—W. M. Webster, Thatcher, Ariz., $135.

Other bidders were:

Otis Elevator Co., San Francisco, $181.

Kimball Elevator Co., Ltd., Los Angeles, $376.

3/15/46 •• 16
BIDS OPENED
EXTERIOR PAINTING
ORANGE, Orange Co., Calif. U. S. Post Office.
Exterior painting.
Owner—Federal Works Agency, Public Buildings Administration, office of the district engineer, 838 U. S. Appraiser's Bldg., San Francisco.
Low Bidder—A. O. Miller Co., 303 E. 3rd St., Los Angeles, $547.

Other bidders were:

Gayton Engineering Co., Huntington Park, $660.

Van Daele & Van Daele, Montebello, $738.

R. A. Newman, McMinnville, Ore., $929.

3/15/46 •• 16
BIDS OPENED
INTERIOR PAINTING
TACOMA, Wash. U S. Post Office and Courthouse.
Interior painting.
Owner—Federal Works Agency, Public Buildings Administration, office of the district engineer, 838 U. S. Appraiser's Bldg., San Francisco.
Low Bidder—C. Dahl & Co., 1122 Court D, Tacoma, $167.

Other bidders were:

Larsen Bros. Painting Co., Tacoma, $190.

L. M. Machert, Seattle, $282.

Saxon Painting Co., Tacoma, $332.50.

R. A. Newman, McMinnville, Ore., $364.

Lewis Construction Co., Seattle, $495.

3/15/46 •• 15
BID CALL CANCELLED
FIREHOUSE ADDITION
SAN FRANCISCO. San Francisco Naval Shipyard.
Construction of two-story frame addition to an existing building No. 215, which shall be used for housing fire department activities and which includes paving, earthwork, roofing, stucco siding, plastering, glazing, utilities and painting; Spec. 17213, NOy 13034.
Owner—Bureau of Yards and Docks, Public Works Office, Room 2110, Administration Bldg., San Francisco Naval Shipyard, San Francisco.

A call for bids scheduled to have been opened March 20, 11 A. M., has been cancelled.

(Continued on Page Seven)

18-19—RELIGIOUS BLDGS. BUILDINGS

3/15/46 • • 18
BIDS REJECTED
OREGON RESIDENCE
SAN ANSELMO, Marin Co., Calif.
Construction of two - story and part one-story frame Oregon residence.
Owner — San Francisco Theological Seminary, San Anselmo.
Architect—Jas. H. Mitchell, 407 Sansome Street, San Francisco.

All bids received February 21 were rejected.

20-21—SOCIAL AND RECREATIONAL BLDGS.

3/15/46 • • 21
BIDS REJECTED
THEATRE
SALINAS, Monterey County, Calif.
Construction of reinforced concrete walls theatre building (50x130 ft.) to seat 500 persons; truss wood roof, cement floors, etc.
Owner—Withheld.
Architect—Francis E. Lloyd, 210 Post Street, San Francisco.

All bids received Feb. 15 have been rejected, at which time Carl N. Swenson Co., 355 Stockton Ave., San Jose, at $75,280 submitted the low bid.

(Continued on Page Seven)

22-26—RESIDENTIAL BUILDINGS

3/15/46 • 22
WORK UNDER WAY
REMODEL HOTEL
SAN FRANCISCO. Sir Francis Drake Hotel, 450 Powell St.
Interior and exterior remodeling of the 21st floor for cocktail room.
Owner—Sir Francis Drake Hotel.
Plans by Thomas Meret, c/o Walter M. Ballard Corp., Hobart Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

3/15/46 •• 22
WORK UNDER WAY
ALTER HOTEL
SAN FRANCISCO. 340 Stockton St.
Interior and exterior alterations and additions to Hotel Drake-Wiltshire building.
Owner—J. B. Quigley, Hotel Drake-Wiltshire.
Plans by Walter M. Ballard Corp., Hobart Bldg.
Contractor—Barrett & Hilp, 918 Harrison St., San Francisco.

3/15/46 • • 23
CONTRACT AWARDED
TRACT DEVELOPMENTS
SAN FRANCISCO. Geary and Masonic Ave., Bush St. and Presidio Avenue.
All development work, with the exception of grading and street lighting system, in connection with Anzavista and Laurel Heights housing projects on the sites of the old Calvary Cemetery and Laurel Hill Cemetery.
Owner—Mayfair Heights Corp. (C. T. Lindsay Co., Billings & Rentz and Walter Hansen), 2701 Judah.
Architects—J. Francis Ward, and J. S. Bolles, 369 Pine Street.
Civil Engineers—Punnett-Parez and Hutchison, 58 Sutter Street.
Contractor for development of tracts—Chas. L. Harney Constr. Co., 625 Market Street, $420,932.30.

Complete bids were:

Chas. L. Harnery Constr. Co., $420,932.30.

Fay Improvement Co., $425,771.34.

Eaton & Smith, $508,834.

As previously reported, Charles L. Harney Constr. Co., at approx. $300,000, was awarded contract for the grading and clearing work, which is now underway.

A call for bids will be issued later for the street lighting system.

3/15/46 • 22
PLANNED
RESORT IMPROVEMENTS
CALISTOGA, Napa County, Calif. Myrtledale Hot Springs.
Improvements to resort, including the installation of new pumping system and tiling of interior of main bathhouse, also construction of new swimming pool and recreation hall (40x60 ft.).
Owner—Frank Rusalem, c/o Granada Hotel, 1000 Sutter St., San Francisco.

3/15/46 •• 22
WORK UNDER WAY
ALTER HOTEL Approx. Cost, $4000
NAPA, Napa County, Calif, Reavls Hotel.
Alterations and renovations to hotel.
Owner—Joseph Lazarus, 1754 Jefferson St, Napa.
Plans by William K. Walker.
Contractor—James H. Millage, 2473A Old Sonoma Rd., Napa.
Work started March 1.

3/15/46 •• 26
BIDS WANTED—TO CLOSE MARCH 26, 2 P. M.
DISMANTLE HOUSING, ETC.
ALAMEDA, Calif.
Dismantling, demolition and removal of partially completed housing at the A.AF. Intransit Depot, Alameda; Serial No. 04-203-46-7.
Owner—U. S. Engineer Office, 74 New Montgomery St., San Francisco.
Plans by owner.

Bids will be taken as follows:
(1) lump sum, dismantling, demolition and removal;
(2) lump sum, grading;
(3) lump sum, surfacing.

Specifications obtainable from the above office.

3/15/46 •• 24
COMPLETING WORKING DRAWINGS
RESIDENCE Approx. Cost, $45,000
ATHERTON, San Mateo Co., Calif.
Construction of frame and wood siding residence (five bedrooms), concrete floors, radiant heat, etc.
Owner—Withheld.
Architects—Mendelsohn, Dinwiddie & Hill, 233 Sansome St., San Francisco.

3/15/46 • 24
PREPARING PRELIMINARY PLANS
RESIDENCE Approx. Cost, $20,000
ATHERTON, San Mateo Co., Calif.
Construction of 2-story wood frame, flat roof residence (3 bedrooms).
Owner—Withheld.
Architects—Mendelsohn, Dinwiddie & Hill, 233 Sansome St., San Francisco.

3/15/46 • 24
PREPARING PRELIMINARY PLANS
RESIDENCE Approx. Cost $20,000
HILLSBOROUGH, San Mateo Co., Calif.
Construction of 2-story wood frame, flat roof residence (3 bedrooms).
Owner—Withheld.
Architects—Mendelsohn, Dinwiddie & Hill, 233 Sansome St., San Francisco.

3/15/46 •• 26
GRADING UNDER WAY
RESIDENCES Cost, $7,000,000
CORTE MADERA, Marin Co., Calif. 200-acre site east of Corte Madera to the 101 Highway.
Construction of 661 residences and shopping center; residences will be 2 and 3-bedroom types, of frame construction and some concrete block, to cost from $8000 to $14,000.
Owner — Madera Gardens Development Co., Ted Johanns, project manager, 420 Russ Bldg., San Francisco.
Engineers—Punnett-Paraz & Hutchison, 58 Sutter St., San Francisco.
Grading—C. Park Henry, 1057 Solano Ave., Albany, and Louis Biasotti & Son, 40 W. Clay St., Stockton.

3/15/46 •• 26
PRELIMINARY PLANS APPROVED
SUBDIVISION Est. Cost, $2,000,000
STOCKTON, San Joaquin Co., Calif. Lower Sacramento Road.
Construction of 250-home housing development; 1-story frame and stucco five- and six-room homes, to cost $6500 to $10,000 each.
Owner and Builder—Dan Nomelini, 2529 McKinley St., Stockton.
Architect—Peter L. Sala, 2130 N. Commerce St., Stockton.

Preliminary plans have been approved by the City Planning Commission, the County Planning Commission and the Board of Supervisors. Now awaiting FHA preference ratings and loans.

3/15/46 •• 26
WORK STARTED
HOUSING PROJECT
Cost, $9000 to $10,000 each
PALO ALTO, Santa Clara Co., Calif. Middlefield Park in South Palo Alto on Middlefield Rd.
Construction of 100 one-story frame and stucco residences (2 bedrooms each).
Owner and Builder — Sherman Development Co., Middlefield Park.
Plans by Merryman & Lane, associate designers, 443 San Mateo Ave., San Bruno.
Foundation work is under way.

3/15/46 •• 22
TO START CONSTRUCTION
CARMEL, Monterey County, Calif. Junction of Los Laurelles Grade and the Marmel Valley Rd
Construction of one-story hotel of chalk rock, wood, stucco and glass construction, containing 20 guest rooms, each with private sun porch, an 80-person dining room, kitchen, outside swimming pool, two badminton courts and a tennis court, shake roof, landscaping.
Owner—David Prince, Carmel.
Architect—Robert Jones, Ocean and Mission Sts., Carmel.
Contractor — Harold C. Geyer, 787 Munras Ave., Monterey.

(Continued on Page Seven)

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Water Supply and Sewage Disposal Plants 31-32
Bridges 33
Dams, Reservoirs and Dredging 34
Docks, Piers & Harbors 35
Parks, Airports and Playgrounds 36
Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas. Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

3/15/46 •• 31
BIDS WANTED

LONE PINE, Inyo Co., Calif.—Until March 16, 9 A. M., bids will be received by the Lone Pine Union High School District, Lloyd Taylor, clerk, Lone Pine, for drilling of 10-in. well of a depth of at least 180 ft. Well to be finished with 10-in. double-duty casing. If necessary, driller is telescope well with 8-in. inner casing to finish up. When the well is completed the casings are to extend 18-in. above the surface of the ground. All materials to be furnished by driller.

3/15/46 •• 32
PROPOSED

YOUNTVILLE, Napa Co., Calif.—Consulting Sanitary Engineer Harry N. Jenks recently presented tentative maps showing location of the proposed $108,900 sewage disposal system and plant at Yountville to the County Board of Supervisors. The project, if approved, would entail organization of a sanitary district and a bond issue would be required to finance half of the cost. The tentative costs entail a $65,000 treatment plant, $34,000 pipeline costs, with $9900 for contingencies.

3/15/46 • • 31

CONTRACT AWARDED

VALLEJO, Solano Co., Cal.—Fred J. Early, Jr., Inc., 369 Pine St., San Francisco, at $29,728 awarded contract by the City of Vallejo, Melvin F. Brooks, city clerk, City Hall, Vallejo, for construction of two pumping plants on the Gordon Valley pipeline.

(Continued on Page Seven)

33—BRIDGES

3/15/46 •• 33
LOW BIDDER

LOS ANGELES, Calif.—James I. Barnes Construction Co., Box 799, Santa Monica, at $1,672,266.50, submitted low bid to G. T. McCoy, state highway engineer, 808 State Bldg., Los Angeles, for about .7 mile in length to be graded and paved with asphalt concrete, and four bridges to be constructed on Pacific Coast Highway, between Dominguez Channel and San Gabriel Ave., VII-LA-60-LA, in the cities of Los Angeles and Long Beach, Los Angeles County. This is a national defense contract.

34—DAMS, RESERVOIRS & DREDGING

3/15/46 • • 34
PROSPECTIVE BIDDERS

CRESCENT CITY, Del Norte Co., Calif. — Following contractors have taken out plans for construction of inner breakwater at Crescent City harbor, under Serial No. 04-203-46-6 for which bids will be opened April 10, 2 P. M., by the U. S. Engineer Office, 74 New Montgomery Street, San Francisco:

Macco Constr. Co., Freight and Ferry Sts., Oakland.

Fredrickson & Watson Constr. Co., 873—81st Ave., Oakland.

Basalt Rock Co., Inc., 900 8th St., Napa.

Ben C. Gerwick, Inc., 112 Market St., San Francisco.

Piombo Bros. & Co., 1571 Turk St., San Francisco.

Heafey-Moore Co., 344 High St., Oakland.

Healy-Tibbitts Constr. Co., 1100 Evans Ave., San Francisco.

Duncanson-Harrelson Co., deYoung Bldg., San Francisco.

Mercer-Fraser Co., 2nd and Commercial Sts., Eureka.

Guy F. Atkinson Co., Orange and Railroad Aves., South San Francisco.

Morrison - Knudsen Co., Inc., 111 Sutter St., San Francisco.

Marshall S. Hanrahan, Box 429, Redwood City.

Pacific Bridge Co., 333 Kearny St., San Francisco.

Fredrickson Bros., 1259 65th St., Emeryville.

E. B. Bishop, Box 325, Orland.

George Pollock Co., Forum Bldg., Sacramento.

N. M. Ball Sons, Box 430, Berkeley.

Scheumann & Johnson, 1001 Lloyd Bldg., Seattle, Wash.

T. E. Connolly, Inc., 461 Market St., San Francisco.

Case Constr. Co., Box 416, Alameda

Chas. L. Harney, 625 Market St., San Francisco.

3/15/46 •• 34
BIDS WANTED

KLAMATH PROJECT, Oregon-California.—Until April 10, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Klamath Falls, Ore., under Spec. 1237 for the construction of earthwork and structures, canals and drains, "N" Canal System, Modoc Unit, Tule Lake Division, Klamath Project, Oregon-California. The work is situated near Tulelake, Siskiyou County, Calif.

Principal items of work are as follows:
(1) 163,500 cu. yds. excavation for canal and for drains, parallel and adjacent to canals;
(2) 163,000 cu. yds. excavation for drains, not parallel and adjacent to canals;
(3) 11,700 cu. yds. excavation for cutoff trench under embankments;
(4) 3500 cu. yds. excavation for embankment borrow;
(5) 5000 cu. yds. compacting embankment;
(6) 5000 sta. cu. yds. overhaul;
(7) 6000 cu. yds. miles of haul for embankment borrow;
(8) 9200 cu. yds. of excavation for structures;
(9) 8600 cu. yds. of backfill except gravel fill at bridges;
(10) 2000 cu. yds. compacting backfill;
(11) 120 cu. yds. gravel fill at bridges;
(12) 1000 sq. yds. dry-rock paving;
(13) salvaging 18 M ft. b.m. timber in bridges;
(14) removing 16 piles;
(15) erecting 175 M ft. b.m. timber in bridges;
(16) driving 9700 lin. ft. timber piles;
(17) Manufacturing and driving 33.5 M ft. b.m. timber sheet piling;
(18) laying 60 lin. ft. 18-in. diameter corrugated metal pipe;
(19) laying 1530 lin. ft. 24-in. diameter corrugated metal pipe;
(20) laying 164 lin. ft. 30-in. diameter corrugated metal pipe;
(21) laying 434 lin. ft. 36-in. diameter corrugated metal pipe;
(22) laying 106 lin. ft. 42-in. diameter corrugated metal pipe;

(Continued on Page Seven)
(Continued on Page Eight)

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1 27 E MULTIFOOT PAVER, 1 30 CAT with Cardwell Sideboom, 2 1200-gallon OIL DISTRIBUTOR TRUCKS, 1 WILLIAMETTE HOISTER LUMBER CARRIER, 66-in., 1 D 6 with Dozer, 1 P & H TRENCHER, 1 SCHRAM COMPRESSOR 260 Actual, 4 truck-mounted COMPRESSORS, 5 60 K. W. GENERATOR SETS, G M C Diesel powered, new 1 T D 18 International TRACTOR with Dozer, guaranteed. Walsh Equipment Co., 1057 Solano Ave., Albany. LA. 5-1214. to Mar. 15, 1946

Surplus Equipment: Excellent condition: 1938 WHITE FLATBED LBR TRUCK, 5-ton, 1943 motor; 1930 KLEIBER FLATBED TRUCK (needs motor); 1 NOVO WATER PUMP, serial P-16870; 1 HYSTER TOWING WINCH for D-6 Cat. Peninsula Pacific Constr. Co., Spring and Chestnut, Redwood City. Phone Redwood 1722. (3/13-14-15-18-19/46)

DINING ROOM BUFFET, all gum, 7 drawers and dish cabinet. Price $50. Phone RA. 5091. to Mar. 18, '46

FOR RENT

D 8 CATERPILLAR TRACTOR with double drum power unit and bulldozer, with or without operator. Phone MI. 4520. to Mar. 18, '46

LUMBER HANDLING EQUIPMENT: CARRIERS, STACKERS, TRUCKS. Call Mac, Pacific Carriers. Oakland. KE 4-1651.

WANTED

WORK FOR D 8 TRACTORS, CARRYALLS and TERRA COBRAS. Phone Stockton 66639. tf

LOCOMOTIVE CRANE, DIESEL-POWERED, STANDARD GAUGE, 40 to 50 FT. BEAM, WITH OR WITHOUT MAGNET. A. D. Schader, 144 Spear St., San Francisco. Phone DO. 4677. to Mar. 22, 1946

RECONSTRUCT RAILROAD TRACKS, STOCKTON

ROUGH AND READY ISLAND, near Stockton, San Joaquin Co., Calif. —The following submitted bids to the officer in charge of construction, U. S. Naval Supply Annex, Rough and Ready Island, Stockton, under Spec. 17620, NOy 13469, for reconstruction of railroad tracks at the U. S. Naval Supply Annex, Stockton.

Work consists of replacement of approximately eight track miles of worn rails, switches, etc., with new or acceptable relayer rails and accessories complete and ready for use.

The existing 70-, 72-, 75-lb. rails, turnouts, etc., are to be removed and replaced with new 75-lb., new 90-lb. or acceptable 110-lb. relayer rails and accessories. Spike holes in ties will be plugged and defective ties replaced. Track will be brought to grade and ballast properly retamped. Material removed will remain the property of the Navy and will be placed in a nearby storage area on the Naval Supply Annex, Stockton, by the contractor, Alternate bid items will be included for supplying and installing new 75-lb. rails and turnouts, new 90-lb. rails and turnouts or 110-lb. relayer rails and new turnouts and a separate bid item will be called for on cost per unit tie for removing the defective ties and furnishing and installing new ties.

Bids were asked as follows:
(1) work complete using new 90-lb. rails, fittings and accessories;
(2) work complete using new 75-lb. rails, fittings and accessories;
(3) work complete using 110-lb. relayer rails, fittings and accessories and new turnouts;
(4) price per tie for removing any existing defective ties in the track to be reconstructed and furnishing and installing new ties, as follows:
  (a) 8-ft. cross ties;
  (b) 8-ft. 6-in. switch ties;
  (c) 9-ft. switch ties;
  (d) 9-ft. 6-in. switch ties;
  (e) 10-ft. switch ties;
  (f) 10-ft. 6-in. switch ties;
  (g) 11-ft. switch ties;
  (h) 11-ft. 6-in. switch ties;
  (i) 12-ft. switch ties;
  (j) 12-ft. 6-in. switch ties;
  (k) 13-ft. switch ties;
  (l) 13-ft. 6-in. switch ties;
  (m) 14-ft. switch ties;
  (n) 14-ft. 6-in. switch ties;
  (o) 15-ft. switch ties.

Bidders were:
(A) A. D. Schader, San Francisco.
(B) W. A. Smith Constr. Co., Los Angeles.
(C) Clifford C. Bong & Co., Arcadia.
(D) H. B. Nicholson, Los Angeles.
(E) R. Goold & Son, Stockton.
(F) Louis Biasotti & Son, Stockton.

Complete bids follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)......	$219,000.00	$206,000.00	$207,407.50	$268,000.00	$294,504.10	$301,716.44
(2)......	197,000.00	184,000.00	178,641.50	247,000.00	276,948.10	259,848.03
(3)......	163,797.00	168,000.00	235,797.85	218,000.00	261,798.90	346,241.00
(4a)......	4.20	3.25	4.30	5.00	3.00	3.82
(b)......	4.34	3.70	5.00	5.25	3.04	5.68
(c)......	4.48	3.85	5.30	5.50	3.16	5.89
(d)......	4.62	4.05	5.65	5.75	3.28	6.10
(e)......	4.76	4.25	6.00	6.00	3.40	6.21
(f)......	4.90	4.45	6.30	6.25	3.52	6.57
(g)......	5.04	4.65	6.60	6.50	3.64	6.76
(h)......	5.18	4.80	7.00	6.75	3.76	6.99
(i)......	5.32	5.00	7.30	7.00	3.88	7,20
(j)......	5.46	5.20	7.60	7.25	4.00	7.41
(k)......	5.60	5.40	7.90	7.50	4.12	7.72
(l)......	5.74	5.60	8.15	7.75	4.24	7.83
(m)......	5.89	5.75	8.40	8.00	4.36	8.33
(n)......	6.02	5.95	8.75	8.25	4.48	8.64
(o)......	6.16	6.15	9.10	8.50	4.60	8.75

WATER MAINS, SHARP PARK, SAN MATEO CO.

SHARP PARK, San Mateo County, Calif.—As previously reported, Stolte Inc., 8451 San Leandro St., Oakland, at $13,436 submitted low bid to the North Coast County Water District, Firehouse, Sharp Park, for construction of water mains, including valves and fittings, for Edgemar area.

Plans were prepared by District Engineer E. P. Wilsey, 705 El Camino Real, Hillsborough.

The work involves.
(1) 5100 ft. 6-in. welded steel pipe;
(2) 3660 ft. 4-in. welded steel or transite pipe;
(3) 2600 ft. 2-in. galvanized pipe;
(4) 7 each 6-inch valves;
(5) 12 each 4-inch valves;
(6) 10 each 2-inch valves;
(7) 10 each hydrants;
(8) 10 each 6-in. dresser couplings;
(9) 7 each 4-inch do;

Alternate for Item (2)
(a) 3660 l.f. trench, lay and backfill 4-in. transite pipe;

Alternate for Item (7):
(b) 10 ea furnish and install Greenberg 123 or equal 2½-in. outlet wharf hydrants.

Total bids follow:
(A) Stolte, Inc., Oakland, $13,436.
(B) Pacific Pipeline Constr. Co., El Cerrito, $14,334.70.
(C) A. J. Peters & Son, San Jose. $15,333.62.
(D) Pioneer Constr. Co., San Mateo, $17,108.40.
(E) L. C. Jensen, Oakland, $17,257.
(F) H. E. Connor, $17,465.60.
(G) Guerin Bros., South San Francisco, $17,765.
(H) Central California Const. Co., San Francisco, $21,213.
(I) Chas. L. Harney, San Francisco, $27,633.20.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)
(1).........	$1.17	$1.21	$1.30	$1.39	$1.50	$1.65	$1.44	$1.70	$2.55
(2).........	.85	1.02	1.12	1.29	1.25	1.00	1.30	1.50	1.90
(3).........	.60	.57	.64	1.00	.85	1.00	.90	1.10	1.35
(4).........	56.00	73.00	65.50	78.00	60.00	62.00	75.00	87.00	92.60
(5).........	67.00	50.00	45.31	50.00	45.00	40.00	60.00	69.00	75.35
(6).........	16.00	24.00	20.70	18.75	15.00	21.00	25.00	30.00	26.30
(7).........	172.00	153.00	164.00	130.00	160.00	143.75	175.00	230.00	220.00
(8).........	5.00	3.00	4.20	4.00	7.00	4.60	5.00	10.00	9.70
(9).........	4.50	3.50	2.60	3.50	6.00	4.30	4.00	8.00	7.40
(Alt. a)..	.55	.46	.60	.70	.75	.51	....	....	1.30
(Alt. b)..	65.00	91.00	92.90	70.50	75.00	55.00	160.00	160.00	126.00

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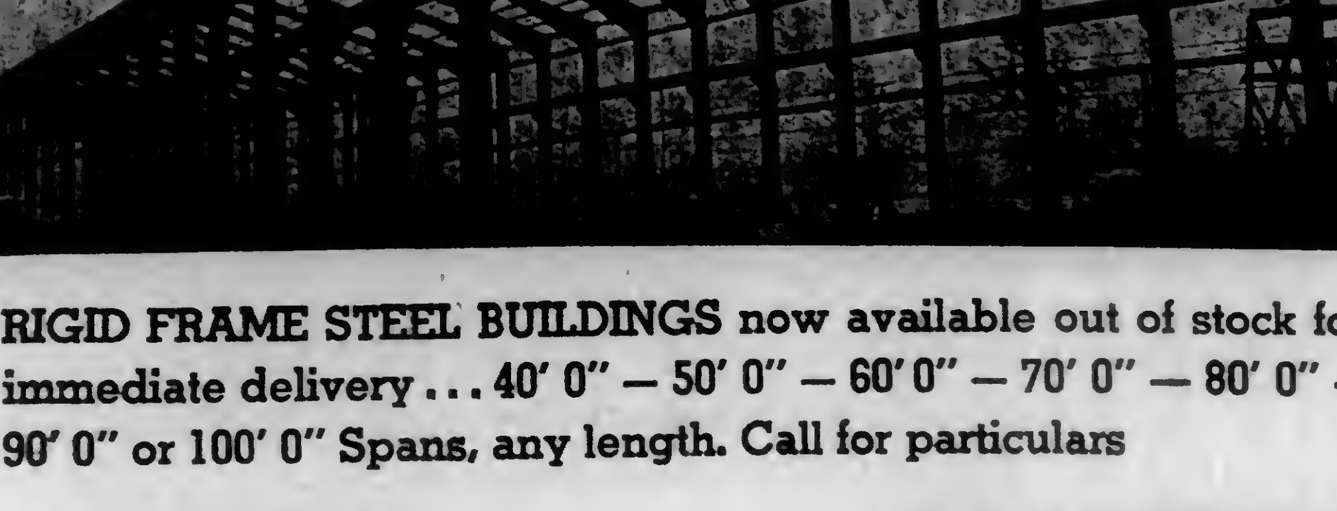

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ABRAHAMS, HARRY W., 645 Euclid Avenue.
AMANDES, F. FREDERIC, 414 Dewey Boulevard.
AMBROSE, Wm. C., 251 Kearny St.
APPLEGARTH, G. A., 235 Montgomery Street.
APPLETON, A., 68 Post Street.
HYMAN & APPLETON, 68 Post St.
AUSTIN, ELIZABETH M., 1162 Filbert Street.
BAKEWELL, JOHN, Jr., 251 Kearny Street.
BANGS, E. GEOFFREY, 605 Market Street.
BAROVETTO, SILVIO L., 58 Sutter Street.
BARSS, FREDERICK B., 268 Market Street.
BAUMBERGER, WALTER E., 3225 Cabrillo Street.
BAUMANN, HERMAN C., 251 Kearny Street.
BERGER, G. A., 309 Valencia Street.
BERNARDI, THEODORE C., 402 Jackson Street.
WURSTER, BERNARDI AND EMMONS, 402 Jackson Street.
BERTZ, EARLE B., 156 Montgomery Street.
BLANCHARD, NORMAN K., 369 Pine Street.
BLANCHARD & MAHER, 369 Pine.
BISSANTZ ,EDGAR F., 2128 Vallejo.
BLISS, WILL M., 235 Montgomery St.
BLISS, WALTER D., 582 Market St.
BLISS & FAIRWEATHER, 582 Market Street.
BOLLES, JOHN S., 369 Pine St.
WARD & BOLLES, 369 Pine Street.
BORN, ERNEST, 730 Montgomery Street.
BRANNER, JOHN K., 210 Post St.
BICKEL, REDDICK H., 582 Market Street.
BROWN, ARTHUR Jr., 251 Kearny Street.
BUCKLEY, VINCENT, 110 Sutter St.

CANTIN, A. A., 704 Market Street.
CANTIN, A. MACKENZIE, 704 Market Street.
CAULDWELL, ALBERT M., 17 Osgood Place.
CHINN, FRANCIS LAI, 622 Washington Street.
CIAMPI, MARIO J., 85 San Pablo Avenue.
CLARK, HERVEY P., 210 Post St.
CLAUSEN, CHAS. O., 746 46th Ave.
CLAUDIUS, CHARLES W., 2443 47th Avenue.
CLIFFORD, WALTER C., 310 Locust Street.
COBBY, E. V., 260 Tehama St.
COBLENTZ, DOROTHY W., 3647 Washington Street.
COLLINS, FREDERICK R., 1032 Hyde Street.
CONRICH, J. LLOYD, 593 Market St.
CORBETT, MARIO, 210 Post Street.
COULTER, NORMAN R., 251 Kearny Street.
DAILEY, GARDNER A., 210 Post St.
DAKIN, FRANK W., 625 Market St.
DAVIS, F. C., 515 Buena Vista Ave.
DAY, WM. PEYTON, 405 Montgomery Street.
DEICHMANN, OTTO A., 1026 Market Street.
DE MARTINI, EDMUND P., 785 Market Street.
DENKE, EDMOND H., 1317 Hyde St.
DEVITT, JOHN H., 580 Market St.
DINWIDDIE, JOHN EKIN, 233 Sansome Street.
MENDELSOHN, DINWIDDIE AND HILL, 233 Sansome Street.

EDIE, WM., 47 Rockwood Court.
EDWARDS, THOS., M., 704 Market.
EMMONS, DONN, 402 Jackson St.
EVERS ALBERT J., 406 Montgomery Street.
FABRE, ALBERT J., 251 Kearny St.
FAIRWEATHER, J. S., 582 Market Street.
BLISS & FAIRWEATHER, 582 Market Street.
FALCH, WALTER C., 1202-3 Hearst Building.
FITZGERALD, GERALD J., 112 Upper Terrace.
FOLEY, JOHN J., 770 Fifth Avenue.
FRASIER, EMORY M., 1112 Larkin Street.
FRANKLIN, CHAS. H., 2645 Chestnut Street.
FRICK, EDW. L., 251 Kearny Street.
WEIHE, FRICK & KRUSE, 251 Kearny Street.
FUNK, JOHN C., 21 Columbus Ave.
GEILFUSS, CARL, 417 Dewey Blvd.
GLASS, EDWARD, 965 Union Street.
GOLDSTINE, IRVIN WILLIAM, 821 Market Street.
GOULD, J. S., 406 Montgomery St.
GUNNISON, WM. F., 1666 Golden Gate Avenue.
HARPER, W. W., 681 Market St.
HASS, ANDREW T., 525 Market St.
KENT & HASS, 525 Market Street.
HELM, WILLIAM J., 33 Marne Ave.
HEIMAN, S., 605 Market Street.
HERTZKA, W. S., 85 Post Street.
HERTZKA & KNOWLES, 85 Post.
HILDEBRAND, ERNEST, 251 Kearny Street.
HILL, ALBERT HENRY, 233 Sansome Street.
MENDELSOHN, DINWIDDIE AND HILL, 233 Sansome Street.
HINTERMANN, OTTO G., 2847 Golden Gate Avenue.
HOBART, LEWIS P., 525 Market St.
HORSTMAN, ANTHONY J., 677 19th Avenue.
HOWARD, HENRY T., 2944 Jackson Street.
HUBBERT, WALLACE H., 580 Market Street.
HURD, LESTER W., 407 Sansome St.
MASTEN & HURD, 407 Sansome St.
HURT, EDGAR B., 582 Market St.
HYDE, WINFIELD H., 706 Butler Building.
HYMAN, SAMUEL LIGHTNER, 68 Post Street.
HYMAN & APPLETON, 68 Post St.
IGAZ, RUDOLPH, Jr., 785 Market St.
IRVINE ,RICHARD R., 3841 18th St.

JACOBS, ALFRED H., 110 Sutter St.
JAEHNE, ALFRED H., 2528 26th Avenue.
JOHNSON, ALFRED W., 681 Market Street.
JORGENSEN, MARK T., 60 Santa Ana Avenue.
JOSEPH, BERNARD J., 631 O'Farrell Street.
KENT, THOMAS J., 525 Market St.
KENT & HASS, 525 Market Street.
KEYSER, LAWRENCE, 701 Parnassus Avenue.
KNOLL, A. H., 726 Sutter Street.
KNOWLES, Wm. H., 85 Post Street.
HERTZKA & KNOWLES, 85 Post.
KRAFFT, ELMER J., 760 Market St.
KRUSE, LAWRENCE A., 251 Kearny Street.
WEIHE, FRICK & KRUSE, 251 Kearny Street.
KUHN, ALFRED, 206 Castenada Ave.
KUMP, ERNEST J., 251 Kearny St.

LAMB, ARTHUR H., 251 Kearny St.
LANGHORST, FREDERICK L., 447 Sutter Street.
LEASEN, HARRY J., 1710 10th Ave.
LLOYD, F. E., 210 Post Street.
LOVELL, H. K., 185 32nd Avenue.

MAHER, EDWARD J., 369 Pine St.
BLANCHARD & MAHER, 369 Pine.
MASTEN, CHARLES F., 407 Sansome Street.
MASTEN & HURD, 407 Sansome St.
MASTEN, J. KENDALL, 15—14th Avenue.
MASTROPASQUA, LOUIS, 3434 Union Street.
MAURY, CHAS. F., 1617 Lyon Street.
MacDONALD, EARL R., 203 Garden Lane, Colma.
MAYBECK, BERNARD R., 57 Post.
McCARTHY, FRANCIS J., 693 Mission Street.
McCREA, GEORGE E., 285 7th St.
McGUINNESS, JAMES F., 488 Pine Street.
RESING & McGUINNESS, 484 Pine Street.
McSWEENY, A. McF., Hearst Bldg., Third and Market Sts.
McSWEENEY, ANGUS, 514 Mission Street.
McLAUGHLIN, RICHARD A., 618 20th Avenue.
MENDELSOHN, ERIC, 233 Sansome Street.
MENDELSOHN, DINWIDDIE AND HILL, 233 Sansome Street.

MERCHANT, Wm. G., 57 Post Street.
MEYER, FREDERICK H., 406 Montgomery Street.
MEYER & EVERS, 406 Montgomery.
MICHELSEN, HARRY M., 30 Madrone Street.
MILLER, JAMES R., 580 Market St.
MILLER & PFLUEGER, 580 Market Street.
MINTON, HENRY A., 1045 Sansome Street.

MITCHELL, JAS. H., 407 Sansome.
MOHR, NORMAND W., 481 Noe St.
MOONEY, WALTER E., 1229 Ulloa Street.
MOOSER, WILLIAM, 251 Kearny St.
MOOSER, WILLIAM, Jr., 681 Market Street.
MORGAN, JULIA, 465 California St.
NEUMARKEL, EMIL A., 1374 36th Avenue.
OGLOU, VLADIMIR, 2784 Sacramento Street.
OSBORNE, ERLE J., 2518 Pacific Avenue.
PAGE, EDWARD B., 251 Kearny St.
PERRY, WARREN CHAS., 260 California Street.
PETERSON, CLARENCE O., 604 Mission Street.
PEUGH, W. D., 333 Montgomery St.
PFLUEGER, MILTON, 580 Market St.
PFLUEGER, TIMOTHY L., 580 Market Street.
MILLER & PFLUEGER, 580 Market Street.
POLLACK, RALPH N., 700 Steiner Street.
POPE, CHARLES, 308 Laurel Street.
QUANDT, FRED W., 995 Market St.
RANEY, VINCENT, 233 Post Street.
REID, JOHN, Jr., 405 Montgomery.
REIMERS, FREDERICK H., 79 Post Street.
RESING, EDMUND J., 488 Pine St.
RESING & McGUINNESS, 488 Pine Street.
REYNOLDS & CHAMBERLAIN, 564 Market Street.
RIEDY, D. A., 265 City Hall.
RIST, MARTIN J., 760 Market St.
ROGERS, CHAS. E. J., 760 Market St.
ROLLER, ALBERT F., 1 Montgomery Street.
ROWE, WILLIAM HENRY, 214 Front Street.
RUNGE, C. W., 1623 35th Avenue.
RUEGG, THEODORE G., 617 Montgomery Street.
SHARPE, ED. MUSSON, 277 Pine St.
SHAW, FREDERIC, 542 18th Ave.
SHELDON, MARTIN A., 681 Market Street.
SMITH, DONALD POWERS, 58 Sutter Street.
SMITH, WILTON, 1045 Sansome St.
SMITH, THOMAS, 3121 26th Street.
SPACKMAN, WENDELL R., 604 Mission Street.
SPENCER, ELDRIDGE T., 251 Kearny Street.
STARKS, LEONARD F., 904 De Young Bldg., Market and Kearny.
STEINER, CARLTON A., 101 Post.
STEWART, JOS. L., 206 Sansome St.
STONE, DOUGLAS D., 381 Bush St.
STRINGHAM, ROLAND I., 251 Kearny Street.
STROTHOFF, CHAS. F., 1857 Market Street.
SWAIN, CLARKSON, 2425 Buchanan Street.
SWEETING, HOWARD EDWIN, 101 Post Street.
THOMSEN, H. A., Jr., 315 Montgomery Street.
TRAVIS, GEO. W., 426 41st Ave.

WARD, JOSEPH FRANCIS, 369 Pine Street.
WARD & BOLLES, 369 Pine Street.
WEEKS, HAROLD H., 593 Market St.
WEIHE, ERNEST E., 251 Kearny Street.
WEIHE, FRICK & KRUSE, 251 Kearny Street.
WELLINGTON, WINFIELD SCOTT, 260 California Street.
WHITE, C. BOLTON. 221 Spruce St.
WIEMEYER, GEORGE H., 704 Market Street.
WICKENDEN, JAMES D., 402 Jackson Street.
WILLARD, STANTON, 1847 29th Avenue.
WILLIAMS, ALBERT R., 251 Post Street.
WILLIAMS, ALFRED C., 1231 Fifth Avenue.
WILSON, ALECK L., 715 Montgomery Street.
WONG WORLEY K., 101 Post Street.
WYNKOOP, FRANK, 821 Market St.
WURSTER, BERNARDI AND EMMONS, 402 Jackson Street.
WURSTER, WM. W., 402 Jackson St.
WURSTER & BERNARDI, 402 Jackson Street.

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HIGBIE, HOWARD W.

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JANSSEN, ARTHUR D., 58 Austin Avenue.

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WYNKOOP, FRANK, Haberfelde Building.

BURLINGAME

BROWN, IRVING FORBES, 1915 Adeline Drive.
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McSWEENEY, ANGUS, 112 Pepper Avenue.
NORBERG, ERNEST L., 407 Occidental Avenue.
SHARPS, L. J., 735 W. Poplar St.
SHARPS, LEO J., 1477 Burlingame Avenue.
STEPHEN, WALLACE A., 2025 Carmelita Avenue.
THAYER, OSCAR R., 1257 Cabrillo Avenue.

BERKELEY

ALLEN, HARRIS C., 2514 Hillegass.
ANTHONY, JOHN B., 2829 Forest Avenue.
BALLANTINE, JOHN KNOX, Jr., 1512 La Loma.
CHILDS, ELMER E., 702 Spruce St.
DeCHENE, ERNEST R., 716 Arlington Avenue.
DE LONG, SCOFIELD, 2656 Le Conte Avenue.
DeSANNO, RAYMOND, 2584 Milvia Street.
DONOVAN, JOHN J., 950 Parker St.
DRAGON, PAUL L., 2068 Allston Way.
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FERREE, HAROLD, 2100 Virginia.
GENSS, HAROLD F., 1319 McGee Avenue.
GOODMAN, MICHAEL, 2161 Shattuck Ave.
GUTTERSON, HENRY H., 2922 Garber Street.
deLAPPE, RUSSELL GUERNE, Hotel Claremont Bldg.
HARDMAN, B. R., 2068 Allston Way.
HAMMARBERG, PAUL H., 2 Norwood Avenue.
HAYMOND, SCOTT, 2323 Shattuck Avenue.
HAYS, Wm. C., 2924 Derby Street.
HUNTER, ALBERT R., 5809 Mendoza Drive.
JEANS, RAYMOND W., 1824 San Pedro Avenue.
JORY, ARTHUR V., 1395 Scenic Ave.
JORY, STAFFORD L., 1370 Euclid Avenue.
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PRICE, OSCAR M., 1667 Short St.
RATCLIFF, W. H., 2323 Shattuck Avenue.
RUSS, E. H., 3141 College Avenue.
SANFORD, FLORENCE H., 2747 Bancroft Way.
SCHMIDTS, CARL R., 2068 Allston Way.
DRAGON & SCHMIDTS, 2068 Allston Way.
SHAW, NORMAN W., 71 Tunnel Rd.
SIMPSON, HORACE G., 201 Tunnel Road.
STEILBERG, WALTER T., No. 1 Orchard Lane.
TALLEY, WESLEY ANDRES, 51 Maryland Avenue.
WELLINGTON, WINFIELD SCOTT, 1525 Arch Street.
WITKIN, ELIZABETH HILLIER, 2712 Shasta Road.
WOLFARD, HAROLD N., 2772 Shasta Road.
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FRESNO

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HORN, DAVID, Rowell Building.
LAKE, H. RAFAEL, Patterson Bldg.
PETERSON, E. W., Mason Building.
POLLEY, RUDOLPH A., Rowell Bldg.
SWARTZ, FRED L. ,Rowell Bldg.
WAGNER, WALTER, Bank of America Building.

HAYWARD

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HODGSON, GILBERT, Rte. 1, Box 697.

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KENSIT, HENRY DAVID, Post Office Bldg.

MENLO PARK

FENNACY, JOHN E., 715 College Avenue.
HEMPEL, WM. F., 380 Laurel Dr.
YOUNG, JOHN D., N. Lemon Ave.

MILL VALLEY

BERTENSHAW, JAS. W., 420 Moline Avenue.
LAMB, ARTHUR H., 209 Oakdale Avenue.
MILANO, J. P., de Silva Island.

MODESTO

De LAPPE, RUSSELL GUERNE, 1901 Downey Street.
HILBURN, GEORGE N., 1211 K St.

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STANTON, ROBT., Pebble Beach.

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ANDERSON, JAMES HARLOW, 339 15th Street.
ANDERSON & SIMONDS, 339 15th Street.
BLAINE, ROGER W., 5574 Florence Avenue.
BLODGETT, EDWARD OSCAR, 1989 Hoover Avenue.
BROOKE, HERBERT VAUGHN, 542 Fairbanks Avenue.
BROWN, GUY L., 601 Bank of Commerce Building.
BRUNO, HARRY A., 1440 Broadway.
CERRUTI, EDW. D., 427 13th Street.
CHAMBERLAIN, LOY, 3833 Piedmont Avenue.
REYNOLDS and CHAMBERLAIN, 3833 Piedmont Avenue.
COLLINS, ALLEN C., 5945 Marden Lane.
CONFER, FREDERICK L., 1214 Webster Street.
CORLETT, WILLIAM G., 1801 Bank of America Building.
EASTERLY, JOHN I., 1400 Jackson Street.
McCALL & EASTERLY, 1400 Jackson Street.
ELLINGER, GEO. E., 1801 Casterline Road.
THOMSON & EVANS, 1308 E 38th St.
EVANS, JOHN M., 1308 E. 38th St.
FLORES, ERNEST, 2225 9th Avenue.
FOULKES, EDWARD T., 357 12th Street.
FROBERG, ALBEN, 3454 Harlan St.
GEBHARDT, W. H., 486 Mandana.
GEERING, JOHN HENRY, 3[illegible]14 Randolph Avenue.
GIBBS, W. ROLAND, 6144 Rockridge Blvd. South.
GOSLINE, RICHARD C., 638 Caldwell Road.
HUDSPETH, JOHN, 427 13th Street.
HUTCHISON, ROBT. A., 1630 Webster Street.
JOHNSON, IRVIN M., 449 MacArthur Blvd. West.
JOHNSON, HERBERT T. 4225 Gregory Street.
KEEFER, RAY F., 770 Wesley Ave.
KIRBY, DONALD BEACH, 409 15th Street.
KOUE, A. LEWIS, 428 Thirteenth St.
LUIS, MISS ROSE E., 811 6th St.
McCALL, CHAS. W., 1400 Jackson Street.
McCALL & EASTERLY, 1400 Jackson Street.
MILLER, CHESTER H., Financial Center Building.
MILLER & WARNECKE, Financial Center Building.
MORRISON, MILTON, 2016 9th Ave.
MORROW, GERTRUDE C., 6175 Hillegass Avenue.
MORROW, IRVING F., 6175 Hillegass Avenue.
MULVIN, THOS. B., Bank of America Building.
NEWSOM, ARCHIE T., 5951 Contra Costa Road.
OLSON, DAVID, 4051 Kuhnle Ave.
PONSFORD, KEITH E., 1214 Webster Street.
PRICE, OSCAR M., 1214 Webster St.
REYNOLDS, MALCOLM D., 3833 Piedmont Avenue.
REYNOLDS and CHAMBERLAIN, 3833 Piedmont Avenue.
SAWYER, HOUGHTON, 2058 Oakland Avenue.
SCHALK, LOUIS, 5515 Market St.
SCHARY, HARRY A., 409 15th St.
SCHIRMER, WM. E., 1419 Broadway.
SIMONDS, GEORGE P., 339 15th St.
ANDERSON & SIMONDS, 339 15th Street.
SLOCOMBE, FRANCIS H., 1615 Broadway.
THOMSON, LAWRENCE G., 1308 E. 38th Street.
TREICHEL, CHESTER H., 696 Cleveland St.
THOMSON & EVANS, 1308 E 38th St.
WARNECKE, CARL I., Financial Center Bldg.
MILLER & WARNECKE, Financial Center Building.
WILLIAMS, MORTON A., 5824 Ocean View.
WILLIS, RAYMOND G., 1214 Webster Street.
WILLIAMS, MORTON A., 5824 Ocean View Drive.

PALO ALTO

STEDMAN, HENRY MORGAN, 666 Kellogg Avenue.
SUMNER, CHAS. K., Decker Oak Building.
BOYTER, ELIZABETH, 316 Kipling.
CLARK, BIRGE M., 310 University Avenue.
CLARK, DAVID B., 310 University Avenue.
THOMSON, DOLE FORD, 179 Lincoln Avenue.
NICHOLS, LESLIE I., 532 Emerson.
SAWYER, CHARLES, 155 Dana St.
SUMNER, CHAS., 760 University.

ORINDA

ANDERSON, JAMES H., No. 5 Via Hermosa.
LITTLEJOHN, WAYNE A., 9 Moraga Highway.
SISSON, RALPH C., 11 El Campanero.
WHITE, LAWRENCE R., 30 La Cintilla.
WINTER, ALBERT H., 171 Las Vegas Road.

PIEDMONT

BURNETT, HOWARD E., 52 Manor Drive.
CHAPMAN, FREDERICK A., 86 Wildwood Avenue.
FARR, ALBERT, 339 San Carlos Ave
MAYHEW, CLARENCE W., 330 Hampton Street.
MILWAIN, W. E., 1503 Oakland Ave.
NEWSOM, NOBLE, 2083 Oakland Avenue.

REDWOOD CITY

LARSEN, ALBERT H., 80 Finger Avenue.

ROSS

WINNER, H. H., Wordsworth Ave.

SAN CARLOS

HODGSON, GILBERT, 1212 Cherry Street.

SALINAS

BUTNER, CHAS. E., 7 Winham St.

SAN JOSE

BINDER, WILLIAM, 35 W. San Carlos Street.
CURTIS, E. N., 35 W. San Carlos St.
HIGGINS, WM. L., 84 S. First St.
JAEKLE, DONNELL E., Builders' Exchange Bldg.
KRESS, EDWARD W., 515 First National Bank Building.
McKENZIE, CHAS. S., 22 S. 7th St.
ROOT, CHESTER, 84 S. First St.
SOBEY, GIFFORD E., 69 S. First St.
WYCKOFF, RALPH, Anglo Bank Building.

SACRAMENTO

ADAMS, ELLIOT J., 1153 Swanston Drive.
ASHCROFT, G. B., 1419 13th Street.
BARTGES, W. K., 418 25th Street.
BOYD, ANSON, 2691 14th Street.
CUFF, CLARENCE C., 1315 Q St.
DANIELS, W. K., 2640 3rd Avenue.
DEAN, CHARLES F., 1407 California State Life Building.
DeHAVEN, H. W., 1175 Robertson Way.
DEVINE, HARRY J., 1012 J Street.
DUDMAN, ARTHUR F., 1400 44th St.
EICHLER, ALFRED, 2717 Harkness Avenue.
FRANKLIN, CLIFFORD N., 1739 9th Avenue.
FRANCESCHI, R. R., Rt. 5, Box 8115
GILLEM, JAMES A., 4701 D Street.
GOODPASTER, HERBERT E., Mitau Building.
HARRISON, FREDERICK S., 1312 Del Paso Blvd.
LEWIS, W. O., 2741 Tiago Way.
LONG, W. J., 4209 "T" Street.
MANHART, W. E., Rt. 6, Box 8346.
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POAGE, P. T., 1610 12th Avenue.
SEADLER, EUGENE, 2749 10th Ave.
SATTERLEE, IVAN C., California State Life Building.
SELLON, GEO. C., California State Life Building.
STAFFORD, GORDON, 1825 3rd Ave.
STARKS, LEONARD F., 416 Native Sons' Building.
WILLARD, STANTON, 1606 Cara-

SAN LEANDRO

KERR, RALPH N., 308 Broadmoor Boulevard.
MOWBRAY, MELTON V., Jr., 756 Rodney Drive.
ROSEBROOK, GUY L., 1300 Glen St.

SAN MATEO

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HESS, KENNETH H., 1444 Shafter.
TOEPKE, WM. H., 230 Chesterton Pl.
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FELCIANO, J. CLARENCE, 4010 Montecito Avenue.
HERBERT, WM. F., 1633 Austin Way.

SAUSALITO

BICKEL, REDDICK H., 148 Harrison Avenue.
CONSTABLE, ARNOLD S., 95 Spencer Avenue.
FAVILLE, WM. P., 35 Central Ave.
KETT, CONRAD F. T., 75 Crecienta.

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CLOWDSLEY, J. UPTON, 309 Exchange Bldg.
ERNST, ELMORE G., 501 E. Harding Way.
GALBRAITH, VICTOR, 834 West Willow Street.
JOHNSON, ERIC, 306 Exchange Building.
MAYO & JOHNSON, 306 Exchange Building.
LOSEKANN, JOSEPH, 206 Elks Bldg
MAYO, FRANK V., 306 Exchange Building.
MAYO & JOHNSON, 306 Exchange Building.
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PERRY, CHARLES E., 514 Marin St.

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BROWN, ARCHIBALD A., 461 Market Street.
BRUNNIER, H. J., 612 Sharon Bldg.
BUELL, RAYMOND C., Second Floor Call Building.
BULLEN, ARTHUR C., 2 Pine Street.
BURGESS, E. O., 1200 17th Street.
BUSH, PHILIP LEE, 101 California.

CHACE, THOMAS F., 268 Market St.
CHERNO J., 245 Market Street.
CHEW, RICHARD SANDERS, 844-A Mills Building.
CORWIN, T. J., Jr., 245 Market St.
COTTEN, SHEPARD M., 308 Eddy.

DEGENKOLB, HENRY J., 405 Montgomery Street.
DEWELL, HENRY D., 604 Mission.

EARL, AUSTIN W., 233 Sansome St.
ELLISON ,W. H., 500 Sansome St.
ENGLE, HAROLD MARSHALL, 110 Sutter Street.
FALK, MARK M., 251 Kearny St.
FISHER, ALFRED P., 300 Montgomery Street.
FISHER, R. J., 826 Crocker Building.

GIDDINGS, Wm. A., 417 Market St
DONALD R. WARREN Company 417 Market Street.
GOULD, JOHN J., Financial Center Building.

HALL, FREDERIC F., 251 Kearny.
HAMMILL, HAROLD B., 381 Bush.
HANSON, ROBERT A., 19th and Indiana Streets.
HARRIS, FREDERIC R., Inc., 1045 Sansome Street.
California Street.
HASSENMILLER, WILFORD S., 100 Bush Street.
HAUN, GEORGE CLEVELAND, 580 Market Street.
HAYES, JESSE E., 525 Market St.
HENRY, RODNEY WM., Shell Oil Building.
HILL, GEORGE S., 36 Diamond St.
HJUL, JAMES H., 128 Russ Street.
HUBER, EARL RAYMOND, USFS, Phelan Building.
HUBER, WALTER LeROY, 1 Montgomery Street.

IRVIN, LESLIE A., Fort Winfield Scott.

JAKOBSEN, B. F., Balfour Building.
JOHNSON, I. L., 417 Market Street.
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KING, STANLEY C., 509 Sansome St.
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ROSENWALD, JESSE, 525 Market.
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SPITZER, FELIX H., City Hall.
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THEILL, KAJ, 580 Market Street.
THOMPSON, ISADORE, 58 Sutter.
VENSANO, H. C., City Hall.

WASHINGTON, GEO., 417 Market.
WHIPPLE, S. K., 225 Bush Street.
WHITE, FRANK G., 18 Ferry Bldg.
WOODRUFF, GLENN B., 333 Montgomery Street.
WRIGHT, J. G., 233 Sansome Street.

OAKLAND

ANDERSON, ARTHUR W., 1801 Bank of America Bldg.
BASTOW, J. G., Grove Street Pier.
COOLEY, R. H., 354 Hobart Street.
CORLETT, WILL G., 1801 Bank of America Building.
COTTERILL, GEO. W., 5354 Lawton Avenue.
DALTON, ROBT. DOCK, 1630 Webster Street.
DEWELL, ROBERT D., 6231 Contra Costa Road.
ELLERY, N. B., 2124 Coloma Street.
GUPTILL, JOSEPH R., 5936 McAndrews Drive.
HANSEN, CHARLES, Grove St. Pier.
KENNEDY, ROBT. CHAS., 512 16th Street.
KITCHEL, MILTON P., City Hall.
LYMAN, RICHARD F., Jr., 6602 Chabot Road.
MANOV, MATEO M., 337 17th Street.
NEVIUS, SEARLE B., 184 13th St.
O'NEIL, HUGH M., 363 17th Street.
PLANT, FRANCIS B., 858 Alma Ave.
SANDNER, VICTOR R., c/o Moore Drydock Company.
SAWYER, FRANK L., 1025 2nd Ave.
SCHIRMER, HOWARD A., 1444 14th Street.
SLY, CLARENCE JEFFERSON, 638 Miranda Street.
THURSTON, EUGENE T., 869 Rosemount Road.
WARREN, DONALD R., 417 Market.
DONALD R. WARREN Company, 417 Market Street.
WHITTON, CHAS. A., 1025 2nd Ave.
WILLIAMSON, H. P., 3589 Fruitvale Avenue.

EL CERRITO

NELIDOV, IVAN M., 1109 Contra Costa Drive.

WASHINGTON, D. C.

LOTZ, WM. D., Bureau of Yards and Docks.

WALNUT CREEK, CALIF.

McKEE, GEORGE T., Saranap.

LOS ALTOS

NORDWELL, ALFRED W., Box 218.

ROSS

NORDWELL, ALFRED W., Box 218.
ZOLLNER, CARL W., P. O. Box 315.

WOODLAND

PROCTOR, ASA G., P. O. Box 327.

SAN ANSELMO

HJORT, SIGGE I., Box 261.

SACRAMENTO

AEPPLI, ERNEST, Rte. 8, Box 1353.
BROWNFIELD, ALLEN H., 5033 V Street.
BUEHLER, WALTER A., 3410 Land Park Drive.
ENGER, ARTHUR L., Public Works Building.
EWING, M. A., 1120 "N" Street.
FRANCIS, ERNEST D., 1010 J St.
HOLLISTER, LEONARD C., State Bridge Department.
HUTCHINSON, RALPH W., Public Works Building.
ILLERICH, OTTOMAR THEODORE, Public Works Building.
JOHNSON, FRANK A., Public Works Building.
KROMER, CLARENCE HERBERT, Wright Building.
LONG, WALTER J., Department of Public Works.
McGINNESS, ARTHUR R., Old Post Office Building.
MEEHAN, ANDREW J., 2540 Fifth Avenue.
PANHORST, F. W., P. O. Box 1499.
PETERSEN, WM., HARTMAN, Public Works Building.
PURCELL, CHARLES H., 210 Public Works Building.
REYNOLDS, FRANK HOWARD, 905 Forum Building.
ROWE, R. ROBINSON, 239 Public Works Building.
SHIELDS, JAMES RALPH, 205 City Hall.
STOVER, HARVEY D., 327 Public Works Building.
WALKER, ARTHUR V., 1020 "N" St.
WILLETT, ALBERT B., 708 35th St.
WILLETT, D. C., Public Works Bldg.

ALAMEDA

ASHCROFT, GLEN B., 1823 Alameda Avenue.
GORMAN, SIDNEY S., 2308 Webster Street.
GREEN, FREDERICK M., 927 San Antonio Avenue.
HESS, C. W., 1242 Hawthorne Street.

BERKELEY

DAVIS, RAYMOND E., University of California.
DERLETH, CHARLES Jr., 218 Engineering Bldg., U. of C.
JAMEYSON, BRUCE, C. E. Bldg., U. of C. Campus.
JENNINGS, GEORGE H., 1716 Buena Avenue.
SEAGE, CLARENCE E., Jr., 10069 Broadway Terrace.
WIELAND, CHAS. F., 199 Hillcrest Road.

STOCKTON

BAMBERGER, SIDNEY F., P. O. Box 1848.
GULICK, CHAS. W., College of the Pacific.

SAN MATEO

BERTWELL, WILLIAM, 615 Columbia Drive.
COX, HARRY A., 215 Elm Street.

PIEDMONT

BROWN, ULYSSES G., 32 Arbor Dr.
COLLINS, MERTON C., 82 Fairview Avenue.

FORT BAKER

BELL, CHARLES LAMBERT.

PALO ALTO

GILL, G. F., 550 Forrest Avenue.
WELLS, JAS. BERTRAND, 846 Lytton Avenue.
WING, CHAS. B., 345 Lincoln Ave.

No. California County and City Engineers

ALAMEDA, Carl Froerer.
ALAMEDA CO., Wallace B. Boggs.
ALBANY, U. R. Grey.
ANTIOCH, John S. Bates.
ARCATA, Hal C. Acheson.
ATHERTON, James S. James.
ATWATER, W. E. Bedesen.

BAKERSFIELD, Joseph Holfelder.
BELMONT, Robert Klassen.
BENICIA, Phil R. Jones.
BERKELEY, Harry Goodridge.
BURLINGAME, Cecil L. Longson.
BUTTE COUNTY, Bert Paxton.

CALAVERAS CO., Oliver C. Wyllie.
CALISTOGA, Clyde C. Kennedy.
CHICO, Frank Robinson.
CONCORD, John S. Bates.
CONTRA COSTA CO., J. W. Barkley.

DALY CITY, Robert Klassen.
DAVIS, Alexander M. McKinnon.
DEL NORTE CO., H. M. Malpas.
DOS PALOS, W. E. Bedesen.

EL CERRITO, R. R. Randall.
EMERYVILLE, Geo. T. Oliver.
EUREKA, Geo. S. Winzler.
EXETER, Irvin M. Althouse.

FRESNO COUNTY, A. J. Nielsen.

GILROY, W. J. Hanna.

HANFORD, Walter K. Hopkins.
HAYWARD, J. A. Mancini.

KERN COUNTY, J. R. Thornton.
KING CITY, H. F. Cozzens.
KINGS COUNTY, J. H. Hayes.

LIVERMORE, C. G. Clarke.
LIVINGSTON, W. E. Bedesen.
LODI, Clinton Henning.
LOS BANOS, W. E. Bedesen.
LOS GATOS, L. Cedric Macabee.

MANTECA, John S. Bates.
MARIN COUNTY. C. P. Clow.
MARTINEZ, Frank B. Sarles.
MARYSVILLE, F. H. Divver, Jr.
MENLO PARK, Edwin Smith.
MERCED, G. E. Winton.
MERCED CO., W. E. Bedesen.
MILL VALLEY, Al Siemer.
MODESTO, Frank J. Rossi.
MONTEREY, Howard Severance.
MONTEREY CO., H. F. Cozzens.
MOUNTAIN VIEW, M. C. Christensen.

NAPA, H. A. Harrold.
NAPA COUNTY, E. P. Ball.

OAKLAND, Walter N. Frickstad.
OROVILLE, S. J. Norris.

PACIFIC GROVE, Alfred D. Coons.
PALO ALTO, Fabian S. Miller.
PASO ROBLES, Hal Johnson.
PETALUMA, S. Gonzales.
PINOLE, Ross Calfee.
PITTSBURG, E. L. O'Hara.
PLACER COUNTY, John A. Shields.
PORTERVILLE, Irvin H. Althouse.

REDDING, A. H. Ross.
REDWOOD CITY, R. A. Klassen.
RICHMOND, E. A. Hoffman.

SACRAMENTO, Fred J. Klaus.
SACRAMENTO, E. A. Fairbairn.
SALINAS, Donald Davies.
SAN BRUNO, C. L. White.
SAN CARLOS, R. A. Klassen.
SAN FRANCISCO, R. G. Wadsworth.
SAN JOAQUIN CO., J. B. Manthey.
SAN JOSE, Harold J. Flannery.
SAN LEANDRO, Chas. P. Martin.
SAN MATEO, Harold Porter.
SAN MATEO CO., M. A. Grant.
SAN RAFAEL, Raymond A. Boege.
SANTA CLARA, Edgar C. Schott.
SANTA CLARA CO., R. D. Chandler.
SANTA CRUZ, Robert Jennings.
SANTA CRUZ CO., A. B. Baldwin.
SANTA ROSA, Walter F. Adams.
SHASTA COUNTY, Ernest Breuning
SEBASTOPOL, Walt Adams.
SISKIYIU COUNTY, A. F. Parrott.
SOLANO COUNTY, J. R. Burnham.
SONOMA CO., Marshall M. Wallace.
SONORA, B. H. Maynard.
SOUTH SAN FRANCISCO, Charles T. Broughton.
STANISLAUS CO., G. D. Macomber.
STOCKTON, Lyle Payton.
SUISUN, F. A. Steiger.
SUNNYVALE, H. N. Bishop.
SUSANVILLE, M. J. Tilley.
SUTTER CO., Edward Von Geldern.
TEHAMA CO., Chas. A. Luning.
TRACY, John S. Bates.
TULARE, John Boardman.
TULARE CO., T. Wayne Switzer.
TURLOCK, Don Davis.
TULARE, John Boardman.
VALLEJO, T. D. Kilkenney.
VISALIA, Norman A. Huth.

WILLOWS, R. D. Thomas.
WOODLAND, Asa G. Proctor.

YOLO COUNTY, Henry Von Dorsten
YREKA, Howard O'Conner.

ADVANCE CONSTRUCTION REPORTS

Bid Opening Schedule

BUILDING PROJECTS

Bid Opening Date	Project	Location of Project	Noted In Issue
3-15—11:00 A.M.	Shed	Terminal Island	3-12
3-15— 9:00 P.M.	Store	Las Vegas	2-18
3-15— 2:00 P.M.	Auto Agency	San Francisco	3- 6
3-15—10:00 A.M.	Warehouse	San Francisco	3- 5
3-15— 2:00 P.M.	Theater	Fairfax	3- 7
3-18—11:00 A.M.	Ordnance Shop	San Francisco	3- 5
3-18—11:00 A.M..	Shop	San Francisco	2-25
3-18—11:00 A.M.	Shop	San Francisco	2-26
3-18— 4:00 P.M.	Hangar	Oakland	3- 6
3-18— 4:00 P.M.	Factory	South San Francisco	3- 6
3-18— 4:00 P.M.	Hangar	Oakland	2-28
3-18— 8:00 P.M.	Schools	Pittsburg	3- 1
3-18—	Bank	East Salinas	3-13
3-18— 2:00 P.M.	Roof	San Francisco	3- 8
3-18— 2:00 P.M.	Painting	San Francisco	3- 8
3-18—10:00 A.M.	Cheese Plant	Coquille, Ore.	3-12
3-18— 1:30 P.M.	Storage Building	Sacramento	3-14
3-18—	Bank	East Salinas	3-14
3-19— 3:00 P.M.	Office	San Francisco	2-28
3-19—10:00 A.M.	Rink	Norwalk	2-28
3-19—	Office	San Francisco	3-12
3-20—10:00 A.M.	Alter and Clean Building	San Francisco	3-11
3-20— 3:00 P.M.	Painting	St. Anthony, Idaho	3-11
3-20— 2:00 P.M.	Painting	Springville, Utah	3- 5
3-20— 2:00 P.M.	Elevator Cables	San Francisco	3- 5
3-20— 2:00 P.M.	Fireboxes	Santa Maria	2-28
3-20— 2:00 P.M.	Boiler	Yuma, Ariz.	3- 4
3-20— 2:00 P.M.	Oil Burner	Sebastopol	3- 4
3-20— 2:00 P.M.	Window	El Monte	3- 4
3-20—11:00 P.M.	Firehouse	San Francisco	3- 6
3-20— 2:00 P.M.	Sidewalks	La Grande, Ore.	3- 6
3-21—	Office Building	Santa Monica	3-14
3-27— 2:00 P.M.	Reline Boiler	Napa	3-14
3-21— 8:00 P.M.	School	Portland, Ore.	3- 7
3-22—11:00 A.M.	Factory	South San Francisco	3-12
3-22— 2:00 P.M.	Hospital	Salem, Ore.	3- 4
3-25— 9:00 P.M.	Plant	Torrance	2-18
3-26— 1:30 P.M.	Wing	Wood, Wis.	3- 5
3-27— 2:00 P.M.	Firebox	Yerrington, Nev.	3-11
3-27— 2:00 P.M.	Repair Roof	San Francisco	3-14
3-27— 2:00 P.M.	Painting	Calexico	3-14
3-27— 2:00 P.M	Exterior Painting	Calexico	3-13
4- 2— 2:00 P.M.	Painting	Kingman, Ariz.	3-14
3-27— 2:00 P.M.	Firebox	Napa	3-13
3-27— 2:00 P.M.	Repair Roof	San Francisco	3-13
3-30—10:00 A.M.	Dormitory	Lubbock, Texas	3-12
4- 1—10:00 A.M.	Residences	Davis Dam, Arizona-Nevada	2-27
4- 2— 8:00 P.M.	School	Stockton	3- 4
4- 2— 3:00 P.M.	Tank	San Francisco	3- 8
4- 2— 2:00 P.M.	Painting	Kingman, Ariz.	3-13
4- 3—10:00 A.M.	Generators	Central Valley Project	3-12
4- 9—3:00 P.M.,	Cottage	San Francisco	2-25

ENGINEERING PROJECTS

Bid Opening Date	Project	Location of Project	Noted In Issue
3-15—10:00 A.M.	Earthwork	Altus Project, Oklahoma	3- 1
3-15— 2 P.M.	Steel Towers	Central Valley Project	1-30
3-15—10:00 A.M.	Earthwork	Altus Project, Oklahoma	2-21
3-15—10:00 A.M.,	Landscape	Central Valley Project	2-25
3-15—10:00 A.M.	Earthwork	Altus Project, Oklahoma	2-27
3-15—10:00 A.M.	Highway	Boulder County, Colorado	3- 6
3-15—10:00 A.M.	Transmission Line	Rio Grande Project, N. M.	3- 5
3-15— 1:00 P.M.	Storage	March Field, Calif.	3- 5
3-15— 2:00	Fertilizer	Yuma, Ariz.	3- 5
3-17— 2:00 P.M.	Gates	Davis Dam Project, Arizona.	3- 5
3-18— 1:00 P.M.	River improvements	Los Angeles	2-18
3-18—10:00 A.M.	Transmission Lines	Colorado-Big Thompson Proj.	2-27
3-18— 5:00 P.M.	Concrete	Hillsborough	3- 6
3-18— 2:00 P.M.	Stoves	San Francisco	3- 8
3-18— 2:00 P.M.	Pumping Plant	San Francisco	3- 8
3-18— 7:30 P.M.	Curbing	Coalinga	3- 5
3-18— 5:00 P.M.	Sewer	Santa Ana	3- 8
3-18— 2:00 P.M.	Drilling	Seattle, Wash.	3-11
3-18— 8:00 P.M.	Wire Fence	South San Francisco	3-11
3-19— 3:00 P.M.	Street Lighting	San Francisco	3- 6
3-19— 3:00 P.M.	Pumping Station	San Francisco	3- 6
3-19— 3:00 P.M.	Cast Iron Mains	San Francisco	3- 6
3-19—10:00 A.M.	Earthwork	Boulder Canyon Project	2-21
3-19—10:30 A.M.	Dam	Portland, Ore.	2-27
3-19— 3:00 P.M.	Mains	San Francisco	2-28
3-20— 2:30 P.M.	Paving	San Francisco	2-28
3-20— 2:30 P.M.	Paving	San Francisco	2-28
3-20— 2:30 P.M.	Paving	San Francisco	2-28
3-20—10:00 A.M.	Transmission Line	Westby, Montana	3- 1
3-20— 2:00 P.M.	Grading	Lake County	2-19
3-20— 2:00 P.M.	Steel	Central Valley Project	2-19
3-20— 8:00 P.M.,	Sewer	Burlington, Wash.	2-25
3-20— 1:00 P.M.	Camouflage	Fort MacArthur	3- 6
3-20— 2:00 P.M.	Driveway	Salt Lake City, Utah	3- 6
3-20— 2:00 P.M.	Driveway Repair	Salt Lake City, Utah	3- 6
3-20—10:00 A.M.	Earthwork	Columbia Basin Project, Wash.	3- 8
3-20— 2:00 P.M.	Fuses	San Francisco	3- 8
3-20— 3:00 P.M.	Pier	San Francisco	3- 8
3-20— 5:30 P.M.	Pipe	Oakland	3- 8
3-20— 5:30 P.M.	Pumping Plant	Contra Costa County	3- 8
3-20— 2:00 P.M.	Test Pits	Los Angeles	3-11
3-20— 2:30 P.M.	Sewer	San Francisco	3-11
3-20— 2:00 P.M.	Road	Salt Lake County, Utah	3-12
3-20— 5:30 P.M.	Pumping Plant	Contra Costa County	3-12
3-21—11:00 A.M.	Water Mains	San Diego	3- 8
3-21—10:00 A.M.	Water Well	Monterey County	3- 6
3-21—10:00 A.M.	Dam	Boise Project, Idaho	2-26
3-21—Tentative	Dam	Osage County, Oklahoma	2-27
3-21— 2:00 P.M.	Highway	San Bernardino	2-20
3-21—10:00 A.M.	Power Line	Vancouver, Wash.	2-28
3-21— 2:00 P.M.	Dredging	Moss Landing	3- 4
3-22—10:00 A.M.	Earthwork	Owyhee Project, Oregon.Idaho	3- 6
3-22— 2:00 PM.	Drilling	Seattle, Wash.	3-11
3-25— 2:00 P.M.	Dam	Encinitas	3-11
3-25— 7:00 P.M.	Sewer	San Pablo	3- 7
3-26— 2:00 P.M.	Arrester	Boise Project, Idaho	3- 5
3-26— 8:00 P.M.	Sewage Plant	Grandview, Wash.	3- 5
3-25— 7:30 P.M.	Floodlight Field	Red Bluff	3-12
3-26—11:00 A.M.	Tracks	San Diego	3-12
3-26—10:00 A.M.	Grading	Los Angeles County	3- 8
3-26— 7:30 P.M.	Streets	Modesto	3-12
3-27—10:00 A.M.	Canal	Balmorhea Project, Texas	3- 8
3-27— 1:00 P.M.	Embankment	Los Angeles	2-28
3-27—10:00 A.M.	Earthwork	Balmorhea Project, Texas	3- 1
3-27— 2:00 P.M.	Highway	Siskiyou County	3- 5
3-27—10:00 A.M.	Canal	Central Valley Project, Calif.	2-21
3-27 10:00 A.M.,	Earthwork	Central Valley Project	2-25
3-27—10:00 AM.	Structures	Tucumcari Project, New Mexico	2-21
3-27— 2:00 P.M.	Canal	Merced County	2-26
3-27— 2:00 P.M.	Bridge	Mendocino County	2-26
3-27— 2:00 P.M.	Bridge	Lake County	2-26
3-28— 2:00 P.M.	Bridges	San Diego County	2-26
3-29—10:00 A.M.	Transmission Line	Missouri Basin Proj., Wyoming	3- 1
3-29— 2:00 P.M.	Gate Frames	Davis Dam, Arizona-Nevada	3- 1
3-29—10:00 A.M.	Earthwork	Central Valley Project, Calif.	2-21
3-29—10:00 A.M.	Earthwork	Central Valley Project, Calif.	2-21
3-29—10:00 A.M.	Earthwork	Central Valley Project	2-18
3-29— 5:00 P.M.	Ally	Sacramento	3-14
3-29— 5:00 P.M.	Alley Paving	Sacramento	3-13
4- 1— 2:00P.M.	Canal	Grass Valley	3-11
4- 1—	Drainage Improvements	San Rafael	3- 8
4- 1—	Bridge	San Rafael	3- 8
4- 2— 2:00 P.M.,	Needle Valves	Denver, Colo.	2-13
4- 3—10:00 A.M.	Earthwork	Altus Project, Oklahoma	3- 1
4- 3—10:00 A.M.	Earthwork	Altus Project, Oklahoma	3- 8
4- 3— 2:00 P.M.	Highway	Kern County	3-12
4- 3— 2:00 P.M.	Surfacing	Shasta County	3-12
4- 4— 2:30 P.M.	Dam	Fort Gibson Project, Oklahoma	3- 8
4- 8—10:00 A.M.	Airway	Needles, Ariz.	3-13
4- 8—10:00 A.M.	Airway	Needles, Ariz.	3-14
4- 9—11:00 A.M.	Dam	Caddoa, Colo.	3- 5
4-10—10:00 A.M.	Excavating	Los Angeles	3- 6
4-10— 2:00 P.M.	Highway	Kern County	3-12
4-10— 2:00 P.M.	Highway Grading	Kern County	3-13
4-10— 2:00 P.M.	Highway	Kern County	3-14
4-11— 2:00 P.M.	Highway	San Diego County	3-12

SUPPLIES AND EQUIPMENT

Bid Opening Date	Project	Location of Project	Noted In Issue
3-15— 2:00 P.M.	Wedges	San Francisco	3-11
3-15—	Asphalt	Sacramento	3-11
3-15— 5:00 P.M.	Lamps	Sacramento	3- 8
3-15— 3:00 P.M.	Leather	San Francisco	3- 5
3-15— 2:00 P.M.	Houses	Missouri Basin Project, Wyo.	2-21
3-15— 2:00 P.M.	Houses	Missouri Basin Project, Wyo.	2-21
3-15—10:00 A.M.	Drum Gates	Central Valley Project	2- 1
3-15— 2:00 P.M.	Houses	Hungry Horse Project	2-20
3-15— 3:00 P.M.	Furniture	San Francisco	3- 1
3-15— 3:00 P.M.	Projector	San Francisco	3- 1
3-13— 2:00 P.M.	Wire	Socorro, N. M.	2-28
3-16— 3:00 P.M.	Street Sweepers	San Francisco	3-11
3-18— 2:00 P.M.	Conductor	Fort Peck, Mont.	2-28
3-18— 3:00 P.M.	Brake Blocks	San Francisco	3-11
3-18— 3:00 P.M.	Check Valves	San Francisco	3-11
3-18—10:00 A.M.	Heater Planer	Monterey County	3-13
3-18— 2:00 P.M.	Cement	Odair, Wash.	3-13
3-18—	Spring Steel	Panama Canal	3-13
3-18—	Grinder Frame	Panama Canal	3-13
3-18—	Spring Steel	Panama Canal	3-14
3-18—	Grinder Frame	Panama Canal	3-14
3-18—10:00 A.M.	Heater Planer	Monterey County	3-14
3-18— 2:00 P.M.	Cement	Odair, Wash.	3-14
3-19— 2:00 P.M.	Bars	Sterling, Colo.	2-28
3-19— 8:00 P.M.	Stage Control Board	Crockett	3- 1
3-19— 8:05 P.M.	Fire Alarm Boxes	Alameda	3- 7
3-19— 2:00 P.M.	Pumps	Denver, Colo.	1-31
3-19— 2:00P.M.	Crane	Denver, Colo.	2-15
3-19— 2:00 P.M.	Electric Equipment	Fort Peck, Mont.	3- 5
3-20— 2:00 P.M.	Runners	Boulder Canyon Project	3- 5
3-20— 2:00 P.M.	Reinforcing Bars	Mountain Home, Idaho	3- 5
3-20— 8:00 P.M.	Dishwashing Equipment	Berkeley	3- 5
3-20— 2:00 P.M.	Desk Chair	San Francisco	3-11
3-20— 2:00 P.M.	Telephone Poles	San Francisco	3-14

ENGINEERING SECTION

(Continued from Page Five)

1-8—COMMERCIAL BLDGS.

3/15/46 4
PLANS COMPLETED

LONG BEACH, Los Angeles Co., Calif.—J. H. Davies, consulting engineer, 730 E 3rd St., Long Beach, has completed plans for the construction of a 3-story furniture store bldg. at 1969-79 American Avenue, Long Beach, for the Davis Furniture Co., 1628 American Ave., Long Beach; 90 x 195 ft. in area, reinforced concrete construction; cost, $200,000.

3/15/46 4
COMPLETING PLANS

TRONA, San Bernardino Co., Cal. —H. L. Gogerty Organization, architects and engineers, 3123 W 8th St., Los Angeles, is completing plans for the construction of an addition to the administration building at Trona for American Potash & Chemical Corp. The addition will make provisions for an experimental laboratory and will contain 18,000 sq. ft. of floor space; est. cost, $250,000.

3/15/46 4
CONTRACT AWARDED

BEVERLY HILLS, Los Angeles Co., Calif.—Stanton-Reed Co., 816 W. 5th St., Los Angeles, awarded contract for the construction of a four-story medical building with basement garage at the corner of S. Beverly Dr. and Gregory Way, Beverly Hills, for Victor Orsatti; cost, $350,000. The building will also contain complete laboratory and pharmaceutical facilities.

Plans were prepared by Architects Earl Heitschmidt and Charles O. Matcham, 417 S. Hill St., Los Angeles.

3/15/46 3
CONTRACT AWARDED

LOS ANGELES, Calif.—Weymouth-Crowell Co., 2104 W. 15th St., Los Angeles, awarded contract for the construction of terminal facilities on Jefferson Blvd. near Fairfax Ave., by Lyon Van Lines, Inc., 3600 S. Grand Ave., Los Angeles. Shannahan Bros., 6193 Maywood Ave., Huntington Park, have been awarded a contract for laying of spur track. The work will involve the construction of a one-story warehouse containing 55,000 sq. ft. of floor space, also loading docks, office space, grease and wash rack, machine shop, garage, paving, fencing, landscaping, sprinkler system and spur track. Plans were prepared by Architects Allison & Rible, 650 S. Grand Ave., Los Angeles.

9-10—EDUCATIONAL BUILDINGS

3/15/46 9
BOND ELECTION

OCEANSIDE, San Diego Co., Calif. —Voters of the Oceanside School District of San Diego County will hold an election April 2 to vote on the proposition of issuing and selling bonds in the amount of $100,000, which if approved, would be used to fiance the construction of a four-room elementary school with administrative, cafeteria and health nurse facilities at Oceanside for the district.

11—HOSPITALS

3/15/46 11
SUB-CONTRACTS AWARDED
WARD BUILDINGS

STOCKTON, San Joaquin Co., Calif. Stockton State Hospital.

Construction of one- and two-story reinforced concrete ward buildings for infirm females and disturbed females, having a combined floor area of approximately 160,000 sq. ft., with hollow tile partitions, steel sash and clay shingle tile roof covering.

Owner—State of California; Division of Architecture, Public Works Bldg., 12th and N Sts., Sacramento.

Plans by State Architect Anson Boyd, Public Works Bldg., Sacramento.

General Work — H. Mayson, 9315 Hooper Ave., Los Angeles, $1,132,476.

Electrical Work — Collins Electrical Co., 729 E. Miner Ave., Stockton, $42,620.

Plumbing—J. A. Fazio, 686 4th St., Oakland, $103,821.

Thumm Co. of kH,o.... i: „cmfc

Heating and Ventilating — Charles Thumm Co. of California, $145 Natoma St., San Francisco, $104,390.

Roofing—J. W. Bender Roofing & Paving Co., 1999 Bryant St., San Francisco.

Sheet Metal—Fire Protection Products Co., 1101 16th St., San Francisco.

Tile Work — Rigney Tile Co., 3012 Harrison St., Oakland.

Glass—W. P. Fuller & Co., 301 Mission St., San Francisco.

Mill Work — Pacific Manufacturing Co., Santa Clara.

Painting—Harry Wasserman, 424 N. Crescent Heights Blvd., Los Angeles.

Lathing and Plastering—Albert Karelius & Sons, 614 Stonehurst Dr., Altadena

3/15/46 11
BIDS OPENED

LONG BEACH, Los Angeles Co., Calif.—Davies, Keusder & Brown, 4915 Exposition Blvd., Los Angeles, submitted the low bid to the U. S. Navy, Public Works Office, U. S. Naval Base, Terminal Island (San Pedro), March 7 at (1) $32,700, (2) $32,170, (3) $31,800, (4) $31,160 and (5) $30,535, for the construction of a one-story reinforced concrete tumor clinic building at the U. S. Naval Hospital, Long Beach; Specification No. 17487, NOy 13326.

Bids were submitted on the following items:

(1) price for the entire work complete;
(2) price for the entire work complete, omitting the painting specified in the section on field painting;
(3) price for the entire work complete, omitting the painting as in (2) and in addition omitting the acoustic tile;
(4) price for the entire work complete, omitting the painting and acoustic tile as in (3) and in addition, omitting the asphalt tile;
(5) price for the entire work complete, omitting the painting and acoustic tile as in (3) and in addition, omitting the plastering.

The bidders were:

(A) Davies, Keusder & Brown
(B) Arthur Pinner Jr.
(C) Baruch Corp.
(D) C. W. Davies, Inc.

The complete bids were:

	(A)	(B)	(C)	(D)
(1)....	$32,700	$32,900	$35,684	$35,933
(2)....	32,170	32,250	35,177	35,283
(3)....	31,800	31,950	34,824	34,945
(4)....	31,160	31,468	34,285	34,355
(5)....	30,535	30,445	33,567	33,572

14-17—PUBLIC BLDGS.

3/15/46 15
BIDS WANTED

HUNTINGTON PARK, Los Angeles Co., Calif.—Until April 16, 5 P. M., new bids will be received at the office of the city clerk, City Hall, 6400 Pacific Blvd., Huntington Park, for furnishing labor and material for the construction of a city hall to be located on the east side of Miles Ave. near the intersection with Zoe Ave., Huntington Park; Specification No. 1168. The new city hall will be a one- and two-story structure, U-shaped, containing approximately 18,000 sq. ft of floor space on the first floor and 9000 sq. ft. on the second floor; frame and stucco construction, steel reinforced, tile roofing, concrete, hardwood and asphalt tile floors, interior plaster, acoustic tile, concrete walks.

A certified or cashier's check or bidder's bond, made payable to the City of Huntington Park for 10% of the bid is required. Plans and specifications obtainable on and after March 11 at the office of the city engineer, 6400 Pacific Blvd., Huntington Park, upon deposit of $25. Plans were prepared by Hugh R. Davies, architect, 523 Security Bldg., Long Beach.

All bids submitted March 4 were rejected.

The total bids received were:

(1) John Alexander, $275,000;
(2) Arthur Pinner Jr., $354,900.

3/15/46 15
BIDS WANTED

HUNTINGTON PARK, Los Angeles Co., Calif.—Until March 18, 5 P. M., bids will be received at the office of the city clerk, City Hall, 6400 Pacific Blvd., Huntington Park, for furnishing labor and material for construction of a justice building at Zoe and Miles Ave., Huntington Park. It will be one and two stories in height, L-shaped, containing approximately 15,000 sq. ft. of floor space on the first floor and 8000 sq. ft. on the second floor.

Plans and specifications obtainable at the office of the city engineer, 6400 Pacific Blvd., Huntington Park, upon deposit of $25. Plans were prepared by Hugh R. Davies, architect, 523 Security Bldg., and Don Erb, structural engineer, 517 Ocean Center Bldg., Long Beach.

BID OPENING SCHEDULE

SUPPLIES AND EQUIPMENT

Bid Opening Date	Project	Location of Project	Noted In Issue
3-20	Sanitary Sewer (City)	Mill Valley	1-18
3-20— 2:00P.M.	Oil Circuit Breaker	Parker Dam Project, Arizona	2-21
3-21— 2:00 P.M.	Crane Structure	Columbia Basin Project	2- 8
3-20— 2:00P.M.	Metal Doors	Parker Dam Project, Arizona	2-26
3-20— 2:00 P.M.	Electric Equipment	Denver, Colo.	3- 6
3-20— 2:00 P.M	Floor Mats	San Francisco	3-12
3-20— 5:30 P.M.	Cast Iron Pipe	Oakland	3-12
3-20— 2:00 P.M.	Telephone Poles	San Francisco	3-13
3-21— 2:00 P.M.	Storage Tanks	Central Valley Project	2-19
3-21— 2:00 P.M.	Cedar	Denver, Colo.	3- 5
3-21— 2:00 P.M.	Shovels	San Francisco	3-11
3-22— 2:00 P.M.	Enamel	San Francisco	3-11
3-22— 2:00 P.M.	Door	San Francisco	3-13
3-22— 2:00 P.M.	Steel Curtain Door	San Francisco	3-14
3-21— 2:00 P.M.	Transmission Line	Sterling, Colo.	3- 5
3-21— 2:00 P.M.	Electric Equipment	Socorro, N. M.	3- 5
3-21— 2:00 P.M.	Fibre Boxes	San Francisco	3-12
3-25— 2:00 P.M.	Pipe	Gila Project, Arizona	2-19
3-25— 2:00 P.M.	Electric Equipment	Missouri Basin Proj., Wyoming	3- 1
(3-25—	Shovel	Sacramento	3-13
3-26— 2:00 P.M.	Transformers	Colorado-Big Thompson Proj.	3- 6
3-26— 2:00 P.M.	Pipe	Tucumcari, N. M.	3-12
3-26— 2:00 P.M.	Pipe	Tucumcari, N. M.	3-13
3-25—	Shovel	Sacramento	3-14
3-26— 2:00 P.M.	Pipe	Tucumcari, N. M.	3-14
3-27— 2:00 P.M.	Conductor	Bonneville, Wyo.	3-14
3-27— 2:00 P.M.	Conductor	Bonneville, Wyo.	3-13
3-27— 2:00 P.M.	Electric Equipment	Central Valley Project	3-12
3-27— 2:00 P.M.	Electric Equipment	Missouri Basin Proj., Wyoming	3- 1
3-27— 2:00 P.M.	Pumps	Boulder Canyon Project	2-26
3-27— 2:00 P.M.	Elevator	Central Valley Project	2-28
3-27— 7:30 P.M.	Pump	Modesto	3-13
3-27— 7:30 P.M.	Pump	Modesto	3-14
3-28— 2:00 P.M.	Switches	Fort Peck, Mont.	3-14
3-28— 2:00 P.M.	Switches	Fort Peck, Mont.	3-13
3-28— 2:00 P.M.,	Elec. Equip.	Central Valley Project	2-25
3-29— 2:00 P.M.	Electric Equipment	Rio Grande Proj., New Mexico	3- 1
4- 1— 2:00 P.M.	Louvers	Central Valley Project	2-19
4- 1— 2:00 P.M.	Mess Kit Equip.	San Francisco	3-12
4- 3—10:00 A.M.	Generators	Central Valley Project	3-13
4- 3— 2:00 P.M.	Dam	Parker Dam Power Project	3-12
4- 3— 2:00 P.M.	Telephone Apparatus	Shoshone Project, Wyo.	3- 7
4- 3— 2:00 P.M.	Telephone Apparatus	Rio Grande Project, N. M.	3- 7
4- 3— 2:00 P.M.	Shaft	Shoshone Project	3- 6
4- 5— 2:00 P.M.	Electrical Equip.	Davis Dam Project, Arizona	2-28
4- 3—10:00 A.M.	Generators	Central Valley Project	3-14
4- 9— 2:00 P.M.	Gates	Central Valley Project	3- 5
4-10— 2:00 PM.	Elevator	Grand Coulee Dam, Wash.	3-12
4-14— 2:00 P.M.	Pumping Units	Missouri Basin Proj., Wyoming	3- 1
4-15— 2:00 P.M.	Pumps	Columbia Basin Project, Wash.	3- 6
4-15— 2:00 P.M.	Cranes	Columbia Basin Project, Wash.	3-12
4-16— 2:00 P.M.	Pumping Units	Central Valley Project	3-12
4-24— 2:00 P.M.	Drum Gates	Central Valley Project	3- 5
4-23— 2:00 P.M.	Gates	Boise Project, Idaho	3- 7
4-24— 2:00 P.M.	Pipe	Columbia Basin Project, Wash.	3 8

22-26—RESIDENTIAL BUILDINGS

3/15/46 22
PLANNED

LOS ANGELES, Cal.—Hotel Statler Inc., New York City, has taken an option on property on Wilshire Blvd. and Figueroa St., Los Angeles, as a site for the construction of a new 1600-room hotel building for selves.

The action involves the purchase of three properties covering the area on the west side of Figueroa Street from Seventh St. to Wilshire Blvd., with westward depth of 446 feet on 7th St. and 428 feet on Wilshire Blvd. A total area of 125,000 sq. ft.

The Wilshire - Figueroa - Seventh Corp. owns the property at the NW corner of 7th and Figueroa Sts., site of a two-story building, and the other two properties, one at the north and the other at the west, are owned by the Security Co. and the Security-First National Bank, respectively.

Officers of the Hotel Statler, Inc., include Mrs. Alice S. Statler, honorary chairman of the board; Arthur F. Douglas, president, and John L. Hennessy, chairman of the board.

3/15/46 22
PREPARING WORKING DRAWINGS

BEVERLY HILLS, Los Angeles Co., Calif.—Leonard Schultze & Associates, 18 E 48th St., New York City, N. Y., and Earl T. Heitschmidt and Chas. O. Matcham, 417 S Hill St., Los Angeles, associate architects, have working drawings about 50% complete for the construction of additions to the Beverly Hills Hotel, 9641 Sunset Blvd., Beverly Hills, Hernando Courtright. president.

The work will include the construction of a 7-story hotel addition containing 140 rooms, new service building, six cottages (if approved for zoning), and a subterranean garage to house 300 cars; total estimated cost, $2,000,000.

3/15/46 26
PLANNED

LOS ANGELES, Calif.—Architect Samuel E. Lunden, 400 Rowan Bldg., Los Angeles, has been engaged to develop 100 acres in the Berry Hills Tract, located in the area fronting on the ocean and south of the Palos Verdes line on Palos Verdes Drive West, into a high clas residential district for Ernest V. Berry, 1717 E. Slauson Ave., Los Angeles. The owner intends to construct houses for sale on parcels limited to a minimum of one acre each on the bulk of the estates.

Charles C. Miller, civil engineer, 326 W. 3rd St., Los Angeles. is preparing plans for the new streets. George Gibbs, landscape architect.

Eric Barclay, 816 W 5th St., Los Angeles, has been awarded the general contract for construction of the first dwellings.

31-32—WATER SUPPLY & PLANTS

3/15/46 31
WATER APPLICATIONS FILED

SACRAMENTO, Calif. — Applications for permits to appropriate watr were filed with the Department of Public Works, Division of Water Resources. during February, 1946, as follows:

App. 11272 (Humboldt County). Leo C. Whitney, San Francisco, for 0.025 c.f.s. from unnamed spring tributary to Klamath River, for domestic and irrigation of two acres; estimated cost $200.

App. 11273 (Trinity County). Wm. R. Forman, Willow Creek, for 2 c.f.s. from Hudson Creek, tributary to Trinity Rever, for mining purposes; estimated cost $250.

App. 11274 (Colusa County). Roger C. Wilbur, Colusa, for 24.5 c.f.s. from Sacramento River for irrigation of 850 acres; estimated cost $6000.

App. 11275 (Napa County). Dick R. Friesen, St. Helena, for 40. a.f. from (a) unnamed stream, (b), (c) Angwin Creek, tributary to Napa River, for irrigation and domestic purposes; estimated cost $5000.

App. 11276 (Sutter County). A. H. Muns, Sutter, for 6 c.f.s. from Wadsworth Canal, tributary to Sutter Bypass, for irrigation of 255 acres; cost $3000.

App. 11277 (Placer County). U. S.-Tahoe National Forest, Nevada City, for 0.01 c.f.s. from Lane Springs, tributary to south fork Yuba River, for stock watering, domestic, recreational and fire protection purposes; estimated cost $2500.

App. 11278 (San Bernardino County). U. S. San Bernardino National Forest, San Bernardino, 0.005 c.f.s. from unnamed spring, triubtary to Deep Creek, for recreational purposes; estimated cost $500.

App. 11279 (Lake and Yolo Counties). U. S. Bureau of Reclamation, Sacramento, for 600 c.f.s. and 1,210,000 a.f. from (1) north fork Cache Creek, (2), (3), (4), (4a) Sacramento River, for irrigation, domestic, recreational and calinity control; 8,325,000 acres; estimated cost $31,000,000.

App. 11280 (Los Angeles County). U. S.-Angeles National Forest, Los Angeles, for 0.025 c.f.s. from Fallen Leaf Spring, tributary to San Gabriel Canyon via Cow Canyon, for fire protection and recreational purposes; estimatd cost $250.

App. 11281 (Siskiyou County). Hammond Bros., Fort Jones, for 15 c.f.s. from north fork Sacramento River, tributary to Sacramento River, for irrigation use.

App. 11282 (Nevada County). R. L. King, Sacramento, for 0.25 c.f.s. from Canyon Creek, tributary to south fork Yuba River, for domestic and irrigation use.

App. 11283 (Tehama County). E. B. Estes Feed & Livestock Co., Red Bluff, for 30,000 a.f. from Thomas Creek, tributary to Sacramento River, for irrigation use.

App. 11284 (Santa Barbara County). Santa Ynez River Water Conservation District, Solvang, for 2 c.f.s. and 900 a.f. from Santa Ynez River, tributary to Pacific Ocean, for municipal purposes.

App. 11285 (Tuolumne County). Warren F. Burch, Groveland, for 1 g.p.m. from unnamed spring, tributary to Big Creek and Tuolumne River, for domestic and stock watering purposes; estimated cost $500.

App. 11286 (Trinity County). Lena Randolph, Forest Glen, for 2.5 c.f.s. from Farley Creek, tributary to south fork Trinity River, for domestic and irrigation of 25 acres.

App. 11287 (Glenn County). Charles L. Maben, Willow, for 3 c.f.s. from north fork Willow Creek, tributary to Willow Creek and Sacramento River, for irrigation of 300 acres; estimated cost $8000.

App. 11288 (Santa Barbara County). Lotta M. Walter, Santa Barbara, for 300 g.p.d. from unnamed stream, tributar yto San Jose Creek, for domestic use.

App. 11289 (Mendocino County). C. A. Justus, Ukiah, for 1.0 c.f.s. from Robinson Creek, tributary to Russian River, for irrigation use; cost $2000.

App. 11290 (San Diego County). San Dieguito Irrigation District, Encinitas, for 100 a.f. from South Encinitas Crek, tributary to San Elijo Lagoon, for domestic and irrigation; estimated cost $50,000.

App. 11291 (Placer County). Bevie L. and Ruby P. Sanders, Loomis, for 1.0 c.f.s. and 25 a.f. from Miners Ravine, tributary to Dry Creek and Sacramnto River, for irrigation of 80 acres; estimated cost $500.

App. 11292 (Mendocino County). E. I. Nehs, Cummings, for 0.46 c.f.s. from Squaw Creek, tributary to Rattlesnake Creek, for power and domestic use.

App. 11293 (San Diego County). F. Capra, Fallbrook, for 0.30 c.f.s. from Rainbow Creek, tributary to Santa Margarita River, for stock watering and irrigation of 73 acres; estimated cost $900.

App. 11294 (El Dorado County). N. H. Bullivant, Camino, for 1000 g.p.d. from unnamed spring, tributary to Weber Creek, for domestic use.

App. 11295 (Trinity County). Leonard T. Henderson, Salyer, for 7200 g.p.d. from 2 unnamed springs, tributary to south fork Trinity River, for domestic purposes; estimated cost $750.

App. 11296 (El Dorado County). U. S.-Eldorado National Forest, Placerville, for 14,000 g.p.d. from unnamed spring, tributary to Gerle Creek, for domestic use.

App. 11297 (San Bernardino County). C. V. McClure and L. Z. Bess, San Bernardino, for 1.0 c.f.s. from unnamed spring for mining purposes; cost $1000.

3/15/46 32
BOND ELECTION

BEVERLY HILLS, Los Angeles Co., Calif.—The voters of the City of Beverly Hills will hold a special election April 9 to vote on the proposition of issuing and selling bonds in the amount of $225,000, which, if approved, would be used to finance the construction of a new incinerator.

3/15/46 32
BOND ELECTION

BEVERLY HILLS, Los Angeles Co., Calif.—The citizens of Beverly Hills will vote on a special bond election April 9 on two municipal improvement propositions. The first proposition will be the construction and completion or entering into a contract with the City of Los Angeles or Los Angeles County for the part ownership in a sewage disposal system, including sewage treatment plant and appurtenances, in the sum of $300,000.

35— DOCKS, PIERS & HARBORS

3/15/46 •• 35
CONTRACT AWARDED

SAN FRANCISCO.—Healy-Tibbitts Construction Co., 1100 Evans Ave., San Francisco, at $1425, awarded contract by the Department of Public Works, Room 282 City Hall, under Spec. 20,054 for construction of an access opening in Pier 38 over the inlet of intake tunnel to pumping station No. 1, A.W.S.S.

36— PARKS, AIRPORTS & PLAYGROUNDS

3/15/46 36
BIDS WANTED

SEATTLE, Wash.—Until April 1, 3 P. M., bids will be received by the Department of Commerce, CAA, Box 3224, Seattle 14, Wash., under Pro. 7-46-289 for construction of instrument landing system approach lighting lane and VHF radio range near Eugene, Ore.

37— RAILROADS, SUBWAYS & TUNNELS

3/15/46 37
PLANS APPROVED

PORTLAND, Ore. — Oregon's Mt. Hood, Inc., George H. Buckler, president, Portland, Ore., has announced that plans have been approved for the construction of an aerial passenger tramway to the summit of Mt. Hood. The tramway will start from a point near Cloud Cap on the north side of Mt. Hood and the ascent will be made in two stages. The first from a point near Cloud Cap Inn at an elevation of 6000 ft. to Cooper's Spur, an inclined length of 10,320 ft. and a rise of 2520 ft., and will provide for two 25-passenger cars. The second from Cooper's Spur to the summit, an inclined length of 6090 ft. and a rise of 2670 ft., and will provide for one 35-passenger car. The plans follow specifications of a design made by the Columbia Steel Co., a subsidiary of U. S. Steel Corp.

39—SEWERS

3/15/46 •• 39
CONTRACT AWARDED

SAN FRANCISCO. — Martin Murphy, Route 2, Box 894, Oak Rd., Walnut Creek, at $9054.80, awarded contract by the Department of Public Works, Room 282 City Hall, under Spec. 20,057 for replacement of the 48th Ave. sewer from Balboa St. to Cabrillo St.

40— STREETS AND HIGHWAYS

3/15/46 •• 40
BIDS OPENED

LOS ANGELES, Calif.—T. E. Sherlock, 1303 W. 40th St., Los Angeles, submitted the low bid to the Los Angeles Board of Public Works, 153 City Hall, Los Angeles, March 6, at (Alt. 1) $299,453.81, (Alt. 2) $235,960.30, (Alt. 3) $302,340.53, (Alt. 4) $238,847.53, for the grading, paving and otherwise improving Olympic Blvd., between Park View and Western Ave.; a cash contract.

The work involves:

(1) lump sum bids for the removal of: 161,000 sq. ft. of pavement and gutter; 25,500 sq. ft. of burning pavement; 16,000 ft. of curb; 91,000 sq. ft. of sidewalk and drives; miscellaneous foundations, walls, trees, etc.;
(2) lump sum for grading:
  (a) for disintegrated granite sub-base, where sub-base is required, 21,500 cu. yds. of excavation and no fill;
  (b) for select material sub-base, where sub-base is required, 22,400 cu. yds. of excavation and no fill;
(3) 72.124 sq. ft. of prepared sub-base;
  (a) per sq. ft. for disintegrated granite sub-base, 8-in. thick;
  (b) per sq. ft. for select material sub-base, 12-in. thick;
(4) 5136 tons asphalt concrete wearing surface, including trench resurfacing;
(5) 13,426 tons asphalt concrete base, including trench resurfacing;
(6) 1142 tons rock and oil roadway;
(7) 85,523 sq. ft. concrete pavement, 8-in. thick;
(8) 1655 sq. ft. concrete pavement, 6-in. thick;
(9) 822 sq. ft. concrete pavement, 4-in. thick;
(10) 148 sq. ft. class C resurfacing;
(11) 1967 lin. ft. type A curb;
(12) 334 lin. ft. type B curb;
(13) 8815 lin. ft. type D curbs;
(14) 2275 lin. ft. monolithic curb;
(15) 44 lin. ft. curb as per plan;
(16) 2275 lin. ft. curb armor;
(17) 8815 lin. ft. curb bar;
(18) 50,303 sq. ft. sidewalk, 3-in. thick
(19) 2810 sq. ft. sidewalk, 4-in. thick;
(20) 11,600 sq. ft. sidewalk, 6-in. thick
(21) 11,897 sq. ft. monolithic sidewalk;
(22) 4435 sq. ft. gutter, 6-in. thick;
(23) 448 sq. ft. gutter, 8-in. thick;
(24) 256 lin. ft. roof drains;
(25) sanitary sewer complete, not including house connections;
(26) 2 manholes, complete;
(27) reconstruct manholes as required, including new frame and cover sets (26 units);
(28) 869 lin. ft. 6-in. house connections;
(29) storm drain and appurtenances, complete;
(30) 9 units reset manhole frame and cover sets;
(31) electrolier lighting system, complete;
(32) electrolier lighting conduit cross- and appurtenant work, complete.

Altrnate No. 1—Items 1, 2a, 3a and 4 to 31, inclusive.

Alternate No. 2—Items 1, 2a, 3a, 4 to 30, inclusive, and item 32.

Alternate No. 3—Items 1, 2b, 3b and 4 to 31, inclusive.

Alternate No. 4—Items 1. 2b, 3b and 4 to 30, inclusive, and item 32.

The total bids were:

(A) T. E. Sherlock, (Alt. 1) $299,453.81, (Alt. 2) $235,960.30, (Alt. 3) $302,340.53, (Alt. 4) $238,847.53.
(B) Warren Southwest, Inc., (Alt. 1) $314,620, (Alt. 2) $243,720, (Alt. 3) $318,089.34, (Alt. 4) $247,189.34.
(C) Griffith Co., (Alt. 1) $326,286.30, (Alt. 2) $252,571.30, (Alt. 3) $329,765.15, (Alt. 4) $256,050.15.
(D) R. A. Wattson Co., (Alt. 1) $336,863.45, (Alt. 2) $263,369.45, (Alt. 3) $338,142.21, (Alt 4) $264,648.21.
(E) engineer's estimate (Alt. 1) $296,580.27, (Alt. 2) $236,740.27, (Alt. 3) $299,453.99, (Alt. 4) $239,613.99.

Unit prices will be printed shortly.

3/15/46 • 40
BIDS OPENED

LOS ANGELES, Calif.—R. J. Brennan, 1282 Cochran Ave., Los Angeles, at $17,205, submitted the low bid to State Department of Public Works, Division of Highways, 808 State Bldg., Los Angeles, March 6, for the relocation of four buildings and grading and filling of properties to the level of sidewalks in the City of Los Angeles: Road VII-LA-2-LA-7.

The properties involved are located at:

(1) 442 S. Pecan St.;
(2) 446 S. Pecan St.;
(3) 2211 E. Atlantic St.;
(4) 1043 S. Soto St.

The bids received were:

R. J. Brennan, (1) $5846, (2) $5421, (3) $2501, (4) $3427; total, $17,205.

Frank F. Rasche, (1) $5930, (2) $6090, (3) $2124, (4) $3316; total, $17,461.

Charles Buschlen, (1) $6209, (2) $6460, (3) $2300, (4) $3221; total, $18,190.

3/15/46 40
CONTRACT AWARDED

CARBON COUNTY, Utah.—W. W. Clyde, N. Main St., Springville, Utah at $104,043.50 awarded contract by the State Road Commission of Utah, State Capitol, Salt Lake City, for construction of a 2-inch road mix bituminous surfaced road in Carbon County, being that section of U. S. 50 between Price and Helper; Project No. F-24 (6) and State Project No. 830. The bids were received Feb. 27.

Machinery & Material

42— MISC. SUPPLIES AND MATERIALS

3/15/46 •• 42
NOTICE OF SALE

EMERYVILLE, Alameda Co., Calif. —Until March 22, 10 A. M., bids will be received by the Besler Corp., 4053 Harlan St., Emeryville, for sale of small lots of miscellaneous fittings, fabricated stainless steel parts and unclassified miscellaneous material.

3/15/46 •• 42
CONTRACT AWARDED

SAN FRANCISCO. — R. Brandlein & Co., 2141 Bryant St., San Francisco, awarded contract by the Purchaser of Supplies, 270 City Hall, under Bid No. 3486 for furnishing and delivering 50 manufactured oak book cases for the School Department.

3/15/46 •• 42
BIDS WANTED

PHOENIX, Ariz.—Until March 28, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver 2, Colo., under Inv. 7229-A for western red cedar, southern yellow pine, lodgepole or Douglas fir cedar poles, f.o.b. shipping point and/or Phoenix, Ariz.; Phoenix - Tucson transmission line No. 2.

Specifications obtainable from the above office.

3/15/46 •• 42
BIDS WANTED

GLENDIVE, Mont. — Until March 28, 2 P. M., bids will be received by the U. S. Bureau of Reclaamtion, Custom House, Denver 2, Colo., under Inv. 18,685-A for aluminum stranded conductor, sleeves, etc., f.o.b. shipping point and/or Glendive and Miles City, Mont.

Specifications obtainable from the above office.

3/15/46 ••
CONTRACT AWARDED

SAN FRANCISCO.—General Electric Co., 235 Montgomery St., San Francisco, at (1) $36.79, (2) $42.96, (3) $50.90, (4) $59, (5) $43.01, (6) $16.42, (7) $19, (8) $24.95, awarded contract by the Purchaser of Supplies, City Hall, under Bid No. 3492 for furnishing and delivering armature, commutating and exciting field coils for the Municipal Railway.

3/15/46 •• 42
CONTRACT AWARDED

SAN FRANCISCO.—U. S. Pipe & Foundry Co., Monadnock Bldg., San Francisco, at (1) $109 per ton, (2) $86.25 per ton, delivery 130 days, was awarded contract by the Purchaser of Supplies, 270 City Hall, under Bid No. 3480 for furnishing and delivering approximately 12 tons of 12-in., 14-in. and 16-in. class H double spigot cast iron water pipe for the Department of Public Works.

43— MACHINERY AND EQUIPMENT

3/15/46 •• 43
BIDS OPENED

STOCKTON, San Joaquin Co., Calif. —American-LaFrance-Foamite Corp., Elmira, N. Y., at $12,950, submitted low bid to the City of Stockton, City Hall, Stockton, for furnishing a triple combination pumper for the Fire Department.

Other bids were:

Buffalo Fire Appliance Corp., Buffalo, N. Y., $14,751.80.

International - Mack Motor Truck Corp., San Francisco, $14,827.65.

Bids taken under advisement.

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS Applications

SAN FRANCISCO

RETAIL STORE, $1,250,000; N O'Farrell 188 W Stockton; owner, O'Connor, Moffatt & Co, Stockton and O'Farrell; builder, Dinwiddie Construction Co, 210 Crocker Bldg; architect, W P Day, Financial Center Bldg.

ALTER STORE, $700,000; SW Geary and Stockton; owner, I Magnin Co, Geary and Grant; builder, Dinwiddie Construction Co, 210 Crocker Bldg; architect, Timothy L Pflueger, 58 0Market St.

CLASS "B" 7-STORY WAREHOUSE, $540,000; S Howard 150 E Fifth St; owner, The Emporium, 835 Market; builder, Dinwiddie Construction Co, 210 Crocker Bldg; engineers, Hall & Pregnoff, 251 eKarny St.

ALTER STORE, $70,000; 885 Market; owner, Zukor's, Inc, c/o contractor; builder, Jacks & Irvine, 620 Market.

CLASS "C" 2-STORY FACTORY, $52,000; W Potrero 100 S 11th St; owner, Rose Exterminator Co, 18th and Potrero; builder, Lewis Construction Co, 516 18th St;, Oakland; engineers, I Thompson and Donald Smith, 58 Sutter St.

ALTER OFFICES AND SOCIETY ROOM, $50,000; SW corner Clay and Waverly Place; owner, Ng Family Association, 820 Clay St; builder, not let; architect, Francis Lai Chinn, 622 Washington St.

2-STORY FRAME FLATS (2), $16,600 each; S Lincoln Way 107.6 W 16th Ave; W 18th Ave 200 S Lincoln Way; owner and builder, C T Lindsay Co, 824 Taraval.

2-STORY FRAME FLATS (3), $11,400 each; E Laguna 28.6, 54.6 N California; NE Laguna and California; owner, Milton H Lees, 222 Front St; builder, Oliver M Rousseau, 725 Tehama St.

2-STORY FRAME FLATS (2), $10,000 each; NE 23rd and Judah; S Judah 82.6 E 17th Ave; owner and builder, Henry Doelger, Builder, Inc, 320 Judah.

1-STORY FRAME STORES, $10,000; S Leland 100 W Bayshore; owner and builder, John Oreglia, 132 Arleta Ave.

DWELLING (1-story frame), $7500; S Gilman 175 W Griffith; owners Frank and Betty Gilbert, c/o contractor; builder, Arthur J Stahl, 1085 Monadnock Bldg.

CLASS "C" 1-STORY STORAGE BUILDING, $6000; E 7th St 200 S Brannan; owner, H Moffat Co, 3rd and Arthur Av; builder, H E Rahlmann Co, 251 Kearny St.

DWELLING (1-story frame), $5900; N Sagamore 250 E Capitol; owner and builder, A Nelson, 242 Ocean Ave.

DWELLING (1-story frame), $5500; E Head 100 N Randolph; owner and builder, Sterling Building Co, 235 Arch St.

DWELLING (1-story frame), $5000; W 41st Ave 150 N Judah; owner and builder, Robert A Krohn, 229 10th Ave.

DWELLINGS (1-story frame) (2), $5000 each; W Bright 254, 304 S Randolph; owner and builder, I Baldwinson, 801 Randolph St.

ALTER DRUG STORE, $4445; 4494 Mission; owner, Central Drug Co, prem; builder, Regal Manufacturing Co, 1310 Fulton St.

ALTER RESTAURANT, $4000; 641 Vallejo St; owner, V Gadelini, 641 Vallejo; builder, Carlsen & Franz, 50 Oak Grove St.

ALTER JEWELRY STORE, $3000; 1015 Market St; owner, Sanford, prem; builder, Ray Allison, 540 30th Ave.

ALTER FLATS, $2904; 501-03 Ashbury; owner, Irving Tick, 501 Ashbury; builder, Jack Callaghan, 900 Clayton.

ALTER RESTAURANT AND BAR, $2800; 2834 Mission St; owner, Mission Grill & Restaurant, premises; builder, Ray Allison, 540 30th Ave.

ALTER DWELLING, $2300; 2633 Green St; owner, Leonard Wood, prem; builder, Dwan & Co, 666 Mission St

BUILDING PERMITS Granted

SAN FRANCISCO

MARCH 13, 1946

REPAIR fire damage to dwelling, $2000; 933 Fulton St; owner, Wm M and Golda Thackeray; contractor, W C Savage, 2358 Fillmore.

REPAIR fire damage in flats, $1000; 1527 Octavia St; owner, Mrs Green; contractor, Ira W Coburn, 2048 Market St.

ALTER garage into office, $500; 1721-23 Taraval St; owner, William Fenchuk; contractor, owner.

REPAIR bldg, $15,000; 290 Sea Cliff; owner, James Fickert; contractor, Ira W Coburn, 2048 Market St.

GENERAL remodeling & new store front, $10,000; 285 Geary St; owner, Frank Moore Shoe Shop; plans by Leo Roselyn Ideas, Inc, 821 Market St; contract not awarded.

REARRANGE ventilating system in power station, $2500; 430 23rd St; owner, Pacific Gas & Elec Co; plans by owner; contractor, H H Larsen Co, 64 South Park

STORE and offices, Class C, $40,000; E Ninth St. 125 N Mission Street; owner, C C Brown; plans by Francis Lai Chinn, 622 Washington St; engineer, Ira Kessey, 251 Kearny St; contractor, Central California Constr Co, 116 Erie St.

REPAIR fire damage to flat, $1000; 14 Woodward St; owner, J Higgins; contractor, Ira W Coburn, 2048 Market St.

GLASS brick work in restaurant and hotel, $1800; 1482 Sutter St; owner, Gene Thompson; plans by Geo T Robinson, 43 Milan Terrace; contractor, Geo T Robinson, 43 Milan Terrace.

REMOVE brick wall in storage bldg and install roller skating rink, $17,500; 4175 Mission St; owner, Wilfred E and May D Street; plans by H C Roberts, 6115 Ocean View Drive, Oakland.

ALTER dept store by adding 2nd story, installing escalators and elevator, $50,000; 867 Market Street; owner, Hales Bros, Inc; architect, Wm G Merchant, 57 Post Street; engineer, S A King, 500 Sansome.

DWELLINGS, two 1-story frame, $5700 each; W Ralston 100,125 N Garfield; owner, J & S Constr Co; plans by Milton H Johnson, 156 Castenada Ave; contractor, J & S Constr Co, 156 Castenada Ave.

REPAIR termite damage to store fronts, $3000; SW Cor 4th and Shipley Sts; owner, Land Devel Co; contractor, Mills Constr Co, 605 Market St.

OAKLAND

LOADING dock, one-story, $55,000; 315 Magnolia St; owner, Haslett Warehouse Co, prem; contractor, Parker, Steffens & Pearce, 135 So Park, San Francisco; engineer, G Washington, 417 Market St, S F.

SHED, one-story concrete, $10,000; 315 Magnolia St; owner, Haslett Warehouse Co, prem; contractor, Parker, Steffens & Pearce, 135 So Park, San Francisco.

ALTER and addn, $2900; 60 Yorkshire Dr; owner, Dr George E Kleeman, premises; contractor, J D O'Connor Constr Co, 391 Sutter St, San Francisco.

APTS, 2-story 12-room, $14,000; 1481-3-5-7 36th Ave; owner and contractor, Frank J Maselli, 2689 68th Avenue.

ALTER, $1500; 517-19 Adeline St; owner, G Balthazar, prem; contractor, J V Adams, 744 65th St.

ADDITION, $500; 10737 Russett St; owner and builder, H W Brown, premises.

REPAIRS, $2000; 459 to 467 7th St; owner, E Sinai, 485 Wesley Ave; contractor, Phoenix - Simpton Co, 520 6th St, San Francisco.

ALTER, $1800; 473A-38 E 14th St; owner, A A Helmke, 4700 East 14th St; contractor, H Rodde, Rte 1, Box 174-C, Walnut Creek.

DWELLING, 1-story 5-room, $5000; 2102 Magellan Dr; owner and contractor, G B Towle, 1523 Woodrow.

STORE bldg, 1-story concrete, $15,000; 2927 Market St; owner, Martin's Gym Equip Co, 936 62nd St; contractor, Harry K Jensen, 4024 MacArthur Blvd; architect, Irwin Johnson, 448 MacArthur Blvd W, Oakland.

APTS, 3-story 27-room, $38,[illegible]0; 5920 College Ave; owner and builder, Laurie and Lily H Neilson, 2411 11th Ave.

DUPLEX, 1-story 6-room, $8500; 6915 6921 Flora St; owner and builder, H A Lehners, 640 Brooklyn Ave; garage, $500.

ADDITION, $500; 2438 Delmer St; owner and builder, Melvin J Duncan, premises.

ALTER and repairs, $1500; 5151 Coronado Ave; owner, Nick Stacovich, prem; contractor, A Cordoni, 5244 Lawton Ave.

ALTER, $500; 557 El Dorado Ave; owner and contractor, R C Berrien Jr, 439 Capital St.

ALTER and addn, $1000; 5728 Foothill Blvd; owner, Dr W Smith, 4728 Foothill Blvd; contractor, Valary & Wilson, 2134 Parker St, Berkeley.

SIGN, electric, $900; 1563 7th St; owner, D W Ford, prem; contractor, Neon Engrg Service Co, 2015 Napa Road, Vallejo.

SIGN, electric, $600; 3333 Lakeshore Ave; owner, Lakeshore Lounge, prem; contractor, General Neon Lite Co, 911-A 53rd Ave.

BURLINGAME

BATH HOUSE, $12,000;970 Redington Road; owner, Charles Blyth; ;contractor, C H Bessett Bldg Co, 826 Walnut Ave.

RESIDENCES, five, $15,000 each; Lot 31 Begonia Dr; Lots 35, 37, 39 43 Redington Road; owner and builder, Max Schmidt, 140 Roblar, Hillsborough.

RESIDENCE, $20,000; 524Rochampton Road; owners John H and Winifred Colbert; contractor, Oscar Cavanaugh, 432 Occidental Ave San Mateo.

RESIDENCE, $15,000; 935 Culebra Rd; owner, Mr and Mrs C Bond; contractor, James H McFarland, 17 Marcella Ave, San Francisco.

SAN CARLOS

DWELLING, $10,000; 2019 White Oak Way; owner, Jack C Hrust; contractor, Ellington & Mitchell.

ADDITION, $4000; 631, 633, 635, 637 Laurel St; owner, Racheal Solomon; contractor, Gould Const Co.

ADDITION, $1000; 2004 Eaton Ave; owner and builder, Earl J Smith.

BLDG, Class C, $45,000; 1000-4-8-12 Laurel; owner, Leona Baker; contractor, Dm Horstmeyer Co.

DWELLINGS, six, $7000 each; 265, 285 Cedar St; 128, 148 Manzanita Ave; 264, 280 Fir St; owner and builder, J O LeFurgey.

BUNKERS, $4000; Lots 3, 4 and 5 Bransten Industrial Tract; owner, San Carlos Feed & Fuel Co; contractor, Daley Bros.

CLASS C bldg, $15,000; 1652-8 El Camino Real; owner, George Merritt; contractor, Chester Williamson.

DWELLING, $13,500; 590 Emerald Ave; owner and builder, J C Peterson.

GARAGE, $1400; 10 Molton Avenue; owner and builder, Paul Beutler.

SOUTH SAN FRANCISCO

STEEL FRAME C I bldg, 40x100-ft, $6500; Railroad Ave; owner, Eldorado Chemical Co, P O Box 16, South San Francisco; contractor, Vannucci Brothers, 1540 Bayshore Highway, San Francisco.

HILLSBOROUGH

ALTER store bldg, $2500; 1207 Burlingame Ave; owner, Fred Lorton, 1576 Cypress; contractor, Charles Pedersen, 333 Occidental Avenue, Burlingame.

ALTER service station, $7500; Blk 3, Bellevue; owner, Richfield Oil Corp, Los Angeles; contractor, Lewis Constr Co, 516 18th Street, Oakland.

ADD bedroom, $1000; 117 Victoria; owner and builder, T B Gutherle, 117 Victoria Road, Burlingame.

REDWOOD CITY

DWELLING, 4-room, and garage, $4,000; Lot 91 Gray Tract; owner and builder, Denton B Moulton.

SAN MATEO COUNTY (Unincorporated)

5-ROOM RESIDENCE, $6000; Lots 5 and 6, Block 31, Fair Oaks Ave, Fair Oaks Acres No 3; owner and builder, L Monroe, 13th Ave and Fair Oaks Ave, Menlo Park.

SAN BRUNO

STORE, $10,000; 560 San Mateo Ave; owner, Andy Hynding, 312 Linden Ave, South San Francisco; builder, Joseph Bettancourt, 422 San Anselmo Ave; plans by Carl Zekarian.

DWELLING, 745 Easton Ave; owner and builder, G Drury, 210 Brussel St, San Francisco.

RESIDENCE, $7500; 437 Oak Ave; owner and builder, G Curtiss, 534 Hazel Ave.

ALTERATIONS, $1000; 214 Poplar Ave; owner and builder, R C Williams, 214 Poplar Ave.

FRESNO

SWIMMING Pool $23,000; 2525 Blackstone; owners ,R A Hunt and Delbert Holden; contractor, McGinnis and Gauthier.

ALTER dairy, $15,000; 1820 Tuolumne; owner, Bordens Dairy Co; contractor, Trewhitt, Shields and Fisher.

ADDN to dwelling, $1000; 1543 Bremer; owner, Chris Pini; contractor, Tom Prichard.

ADDN to garage, $500; 230 Stanislaus; owner, Frank Mortiliaro.

DWELLING, temporary, $500; 1744 S 3rd St; owner, Mrs D E Cumbie.

Furnace Permits

OAKLAND

4638 Geranium; owner, Abe Lincoln; dealer, C Milehan; central.

1532 22nd Ave; owner, A Kof; dealer, A & C Heating Co; floor.

2593 35th Ave; owner, Devasher; dealer, Holland Co; floor furnace.

3555 Jordan Road; owner, Doyle; dealer, Holland Co; floor.

Plumbing Permits

OAKLAND

3244 Foothill Blvd; owner, Egan; dealer, L F Tape; 3 fixtures; 4 gas outlets.

558 58th St; owner, ...; dealer, J Freitas; 3 fixtures.

201 Santa Rosa; owner, Home Roofing; dealer, J Freitas; 4 fixtures.

6323 Broadway Terrace; owner, Johnson; dealer, J Bounno; 2 fixtures

3758 Magee; owner, Jebson; dealer, Bucknun; 3 fixtures.

9010 D St; owner, Walker; dealer, J Fazio; 5 fixtures; 3 gas outlets.

850 20th Ave; owner, Walker; dealer, J Fazio; 5 fixtures; 3 gas outlets.

844 70th Ave; owner, Walker; dealer, J Fazio; 5 fixtures; 3 gas outlets.

872 70th Ave; owner, Walker; dealer, J Fazio; 5 fixtures; 3 gas outlets.

856 70th Ave; owner, Walker; dealer, J Fazio; 5 fixtures; 3 gas outlets.

2029 St Jolaths; owner, Scherman; dealer, R A Roeber; 5 fixtures; 3 gas outlets.

2837 Alida; owner, Lapham; dealer, R A Roeber; 12 fixtures; 3 gas outlets.

1850 Melvin Rd; owner, Lincoln; dealer, R A Roeber; 8 fixtures; 3 gas outlets.

1311 94th Ave; owner, J M Walker; dealer, J Fazio; 5 fixtures; 3 gas outlets.

1315 94th Ave; owner, J M Walker; dealer, J Fazio; 5 fixtures; 3 gas outlets.

5276 Redondo Ave; owner, Ungaretti; dealer, Finzel; 7 fixtures; 3 gas outlets.

1911 62nd Ave; owner, Wale; dealer, H Lass; 1 fixture.

3065 Kansas; owner and dealer, F Schneder; 2 fixtures.

2641 38th Ave; owner, Durham; dealer, Geo Brown; 4 fixtures; 1 gas outlet.

335 Adeline St; owner, Grandma Baking Co; dealer, J Tancredy; 6 fixtures.

1501 37th Ave; owner, ...; dealer, G Bierman; 6 fixtures

3912 MacArthur; owner, ...; dealer, Gus Bierman; 2 fixtures.

Completion Notices

SAN FRANCISCO

Recorded Accepted

March 13, 1946—319-23 PRAGUE and 1100-06 Russia Ave A Nelson to whom it may concern...... ....March 8, 1946

March 14, 1946—223 TEDDY AVE. Edward Terry to Stephan Heckert..............March 14, 1946

March 12, 1946—ILLINOIS ST bet 22nd and Channel, and 2nd St bet King and Bryant (underground duct). Pacific Gas & Elec Co to The Lowrie Paving Co.............. ....March 5, 1946

ALAMEDA COUNTY

Recorded Accepted

March 13, 1946—LOT 115, Barker Park, Oakland. Adolfo Ungaretti to Chas Ungaretti & Son.............. ....March 2, 1946

March 13, 1946—PTN LOT 3 Blk R, Leona Heights Addition, Oakland. Cosca Bldrs, Inc to whom it may concern..........March 5, 1946

March 13, 1946—PTN LOTS 22 and 23, Blk 20, McGee Tract, Berkeley. Melvin B, Margaret A and Gertrude I Gross to whom it may concern..............March 5, 1946

March 13, 1946—6230 SHATTUCK Ave, Oakland. Ethel O Gerbhart to H K Jensen..............March 7, 1946

March 14, 1946—LOTS 2 to 6 incl Tract 700, San Leandro. F W Valley, W G Lincoln to Valley & Lincoln & Co..........March 6, 1946

March 14, 1946—LOTS 5, 6 and 7 Blk 16, Las Palmas on the Blvd, Oakland. Ralph C Kroll to whom it may concern..........March 7, 1946

March 14, 1946—NEVIL St per map of Brooklyn Twp and adj thereto, Oak'and (3 dwellings. Ralph Kroll to whom it may concern.... ....March 7, 1946

March 13, 1946—17144 E 14th ST, Hayward. Vincent Ungaro to Marvin E Collins..........Feb 15, 1946

March 13, 1946—4168 BAYO ST, Oakland. Roy L and Maria L Banks to whom it may concern.. ....March 13, 1946

CONTRA COSTA COUNTY

Recorded Accepted

March 13, 1946—PTN LOTS 14 and 15, Blk 9, East Richmond Blvd Tract, Richmond. Etta L Haley to Oscar Holland.......March 12, 1945

March 13, 1946—LOTS 5 and 6, Blk 2, Spaulding Richmond Pullman Townsite, Richmond. Richard J Thauberger to Frank Kayser...... ....March 11. 1946

March 13, 1946—PTN of RANCHO Las Juntas, cntg .33 of an acre, Walnut Creek. C R Dickson to Self..............March 11, 1946

Non-Responsibility

ALAMEDA COUNTY

March 14, 1946—4336 SAN PABLO Ave, Oakland. Adolph Kuhn as to improvements on property.

March 14, 1946—1625 FIFTH ST, Alameda. Veterans Welfare Bd of State of California as to improvements on property.

March 14, 1946—1101 HIGH Court, Berkeley. Veterans Welfare Bd of the State of California as to improvements on property.

March 14, 1946—3131 CLAREMONT Ave, Berkeley. Veterans Welfare Board of the State of California as to improvements on property.

March 13, 1946—1515 HOLMAN RD, Oakland. Veterans Welfare Bd of the State of California as to improvements on property.

March 13, '46—3025 MONTICELLO Ave, Oakland. Veterans Welfare Board of the State of California as to improvements on property.

March 13, 1946—2839 75th AVENUE Oakland. Veterans Welfare Bd of the State of California as to improvements on property.

March 13, 1946—2845 75th AVENUE Oakland. Veterans Welfare Bd of the State of California as to improvements on property.

March 13, '46—964 LEO Way, Oakland. Veterans Welfare Board of the State of California as to improvements on property.

Liens Filed

SAN FRANCISCO

Recorded Amount

March 13, 1946—1239 NINTH Ave. Harry Tyrrell vs J L Nadalini..$100

ALAMEDA COUNTY

Recorded Amount

March 14, '46—24481 THOMAS Ave Hayward. John J Kelley vs Manuel Ramos and California Roof-

Electrical Permits

SAN FRANCISCO

9811 1719 Noriega; owner, Seabright Bakery; contractor, Chas A Langlais; 3 outlets; motors.

9812-17 Various locations and owners; contractor, Brumfield Electric Sign Co; signs.

9818 275 Fell St; owner, American Homes; contractor, M Schimetschek; 5 outlets; 5 switches; 6 plugs.

9819 49 Hoff; owner, Eliston; contractor, M Schimetschek; 4 outlets; 2 switches; 1 plug.

9820 709-11 Laguna; owner, Fireman; contractor, M Schimetschek; alterations.

9821 2269 Chestnut; owner, Shoe; contractor, M Schimetschek; alterations.

9822 1373 California St; owner, Technor; contractor M Schimetschek; alterations.

9823 397 Hayes; owner, City Hall Market; contractor, M Schimetschek; alterations.

9824 1172 McAllister; owner, Taylor; contractor, M Schimetschek; 1 plug.

9825—Cancelled.

9826 3085 Sacramento; owner, Colemant; contractor, Byington Electric; 2 outlets; 2 plugs; alterations.

9827 1003 Fillmore; owner, ...; contractor, Byington Electric Co; 1 plug.

9828 1773 Fulton St; owner, Kay Cleaners; contractor, Byington Electric; 2 plugs; motors; alterations.

9829 202 Hemlock; owner, Nobilium Process; contractor, Byington Electric; 2 outlets, 2 switches; 18 plugs; service; motors; alterations.

9830 2412 Webster; owner, Smith; contractor, Byington Electric; service

9831-36 Various locations and owners; contractor, Apex Electric; signs.

9837 1400 Evans St; owner, South San Francisco Packing Co; contractor, Buzzell Electric Works; 1 outlet; 1 switch; service; motors.

9838 109 Stevenson; owner, Orvic Laboratories; contractor, Golden Gate Electric; 8 plugs.

9839 149 2nd St; owner, ...; contractor, Golden Gate Electric; ....

9840-41 E 220 Montgomery N Bush; owner, Mills Estate, Inc; contractor, H S Tittle Co; alterations.

9842 NW Jones corner Beach St; owner, Copacabana; contractor, W B Baker; 12 outlets.

9843 2433 Ocean Ave; owner, Williams; contractor, Bernal Electric; 4 outlets; 3 switches; 3 plugs.

9844 2651 San Bruno Ave; owner, Gaul Theatrical Corp; contractor, Bernal Electric; 5 outlets; service.

9845 246 5th Ave; owner, Everett; contractor, Bernal Electric; 5 outlets; 4 switches; 4 plugs.

9846 603 Jackson; owner, Nam Chan; contractor, Chas Yick; ....

9847 678 Broadwaq; owner, Wong; contractor, Chas Yick; motors.

9848 SE cor 47th and Lincoln Way; owner, Arneson; contractor, Richmond Electric Co; service.

9849 159 Lee Ave; owner, Byers; contractor, Eureka Electric; 3 outlets; 1 switch; 6 plugs.

9850 130 Noe St; owner, J De Salva; contractor, Tunnel Electric; motors.

9851 1838 Fillmore; owner, ...; contractor, Central Electric; motors.

9852 1163 Market St; owner, C H Baker; contractor, Central Electric; 34 outlets; 11 switches; 13 plugs.

9853 609 Montgomery St; owner, Trocadero Cafe; contractor, Central Electric; motors.

OAKLAND

36165 393 Grand Ave; owner, Peterson; contractor, Scott-Buttner Electric; service.

36166 8609 G St; owner, Lucchesi; contractor, California Electric; 2 hp motor; alterations.

36167 8411-13-15 E 14th St owner, Schuster; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

36168 732 Nolden St; owner, Paco Construction Co; contractor, Clifford Electric; alterations.

36169 2907 Brookdale Ave; owner, Narcisi; contractor, Shea Electric; outlets; switches; fixtures; plugs; alterations.

36170 505 E 8th St; owner, Knotty Pine Cafe; contractor, Spott Electric; outlets; switches.

36171 255 Bergedo Dr; owner, Ray Towers; contractor, Johnston Electric; service.

36172 607 E 8th St; owner, Fiener; contractor, Johnston Electric; outlets; switches; fixtures; plugs; alterations.

36173 1521 MacArthur Blvd; owner, The Hutt; contractor, Joseph Taloff; 10 fixtures.

36174 2221 Union St; owner, California Laundry Equipment Co; contractor, T L Rosenberg; burglar alarm system.

36175 37th Ave and Boehmer; owner, Johanasson Mach & Mfg Co; contractor, T L Rosenberg Co; outlets; switches; fixtures; plugs; motors.

36176 362 Magnolia St; owner, Simplex Mfg Co; contractor, T L Rosenberg Co; outlets; switches; fixtures; plugs; motors.

36177 11th and Washington Sts; owner, Hale Bros; contractor, Spott Electric; 2 switches.

36178 2135 Telegraph Ave; owner, Tino's Steak House; contractor, Spott Electric; 1 switch; 1 plug.

36179 3932 Altamont; owner, Fred Maia; contractor, Spott Electric Co; 1 switch; 1 plug.

36180 1264 107th Ave; owner, Miller & McChesney Co; contractor, Collins Electric; service.

36181 4100 Porter; owner, Miller & McChesney; contractor, Collins Electric; service.

36182 273 12th St; owner, H Parker Smith; contractor, Scott - Buttner Electric; outlets.

36183 5620 Telegraph; owner, Claremont Press; contractor, Paramount Electric; alterations.

36184 1957 San Pablo Ave; owner, San Pablo Hotel Barber Shop; contractor, Paramount Electric; fixtures.

36185 2174 109th Ave; owner, Hills; contractor, Paramount Electric Co; outlets; switches; fixtures; plugs.

36186 2519 9th Ave; owner, Atlas Heating; contractor, Clifford Electric; furnace.

36187 4000 MacArthur Blvd; owner, Sheehan; contractor, Clifford Electric Co; outlets; switches; fixtures; plugs.

36188 581 12th St; owner, Irwin; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

Engineering Section

34—DAMS, RESERVOIRS & DREDGING

(23) laying 190 lin. ft. 48-in. diameter corrugated metal pipe;
(24) laying 940 lin. ft. 24-in. diameter welded steel pipe;
(25) installing 16,000 lbs. gates.

No charge to prospective bidders for copies of the specifications and drawings; to others, $2 per copy, not returnable.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U. S. Custom house, Denver 2, Colo.; R. L. Boke, regional director, Old Post Office Bldg., 7th and K Sts., Sacramento 14, Calif.; E. L. Stephens, superintendent, Klamath Falls, Ore., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the superintendent.

3/15/46 •• 34

ADDENDA ISSUED

MOSS LANDING, Monterey Co., Calif.—As previously reported, until March 21, 2 P. M., bids will be received by the U. S. Engineer Office, 74 New Montgomery St., San Francisco, under Serial No. 04-203-46-5 for dredging and jetty construction at Moss Landing Harbor, Monterey Bay. Addenda Nos. 1 and 2 have made a change in the unit quantities previously reported. The revised items are as follows:

(1) 56,000 cu. yds. dry excavation;
(2) 715,000 cu. yds. dredging;
(3) 216 each pile driving (vertical piles);
(4) 195 each pile driving (brace piles)
(5) 7000 sq. ft. sheeting, 4-in.;
(6) 23,800 sq. ft. sheeting, 6-in.;
(7) 61.5 M ft. b.m. timber framing.

Specifications obtainable from the above office.

3/15/46 • • 34

BIDS WANTED

COLUMBIA BASIN PROJ., Wash.—Until April 15, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Coulee Dam, Wash., under Spec. 1236, for construction of earthwork, canal lining, tunnel, and structures, Main Canal, station 24 plus 00 to station 430 plus 00, Columbia Basin Project, Wash. The work is situated near Coulee City, Wash.

Principal items are as follows:

SCHEDULE No. 1

Main Canal

Sta. 24 plus 00 to Sta. 93 plus 00

(1) 15,000 c.y. common excav. for canal;
(2) 1,240,000 c.y. rock excav. for do;
(3) 800 c.y. compacted embankment
(4) preparing 32,700 s.y. rock foundations for concrete lining;
(5) 5,450 c.y. concrete in canal lining.
(6) placing 393,000 lbs. reinf. bars in canal lining;
(7) constructing 2,000 l.f. of underdrains with uncemented joints;
(8) laying 450 l.f. sewer pipe with cementer joints.

SCHEDULE No. 2

Main Canal, Sta. 93 plus 00 to Sta. 204 plus 58 (Bacon Siphon and Bacon Tunnel)

(1) 1,000 c.y. common excav. for structures;
(2) 33,500 c.y. rock excav. for do;
(3) 216,500 c.y. all classes of excav., in tunnel;
(4) 48,000 c.y. backfill;
(5) 3,500 c.y. compacted backfill;
(6) 8,180 c.y. concrete in structures;
(7) 43,400 c.y. concrete in tunnel lining;
(8) placing 2,570,000 lbs. reinf. bars;
(9) furnishing and installing 4,000,000 lbs. permanent steel tunnel supports;
(10) furnishing and installing 938 M ft. b. timbering in tunnel supports;
(11) erecting 10 M. ft. bm of timber in siphon bulkhead;
(12) installing 600 lbs. of blowoff valve and connections;
(13 placing 160 l.f. of rubber water stops;
(14) placing 25,600 lbs. metal do:
(15) installing 3,400 lbs. misc. metal work;
(16) drilling 1,200 l.f. of grout holes not more than 10 feet deep;
(17) placing 1000 lbs. of grout pipe and connections;
(18) 2,000 c.f. pressure grouting;
(19) placing 1,000 lbs. weep pipe.

SCHEDULE No. 3

Main Canal

Sta. 204 plus 58 to Sta. 430 plus 00

(1) 200,000 c.y. common excav for canal;
(2) 615,000 c.y. rock excav. for do;
(3) 5,400 c.y. common excav. for drainage channels and dikes;
(4) 2,700 c.y. rock excav. for do;
(5) 2,900 c.y. common excav. for road relocation;
(6) 3,400 c.y. rock excav. for do;
(7) 500 c.y. common excavation for structures;
(8) 150 c.y. rock excav. for do;
(9) 72,000 sta. c.y. overhaul;
(10) 450 c.y. backfill;
(11) 310 c.y. concrete in structures;
(12) placing 20,000 lbs. reinf. bars;
(13) erecting 200.000 lbs. struc. steel in railroad bridge;
(14) erecting 63 M. ft. b.m. timber in bridges;
(15) 3,000 s.y. dry-rock paving;
(16) 1,000 c.y. riprap.

No charge to prospective bidders for copies of the specifications and drawings; to others, $3.00 per copy, not returnable.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, Chief Engineer, U. S. Customhouse, Denver 2. Colo.; R. J. Newell, Regional Director, P. O. Box 937, Reclamation Building, Fairgrounds, Boise, Idaho; F. A. Banks, Supervising Engineer, Coulee Dam, Wash.; and Michael W. Straus, Commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the Supervising Engineer.

39—SEWERS

3/15/46 •• 39

PROSPECTIVE BIDDERS

MILL VALLEY, Marin Co., Calif.—The following contractors have taken out plans for construction of sanitary sewer system for which bids will be opened March 20, 8 P. M., by the City of Mill Valley, city clerk, City Hall, Mill Valley. Plans prepared by Engineer John S. Bates, 3134 Eton Ave., Berkeley:

Stolte, Inc., 8451 San Leandro St., Oakland.

Tom L. Gogo, 10024 S. Figueroa St., Los Angeles.

N. P. Van Valkenburgh, 8609 San Vicente Ave., South Gate.

R. Goold & Son, Box 190, Stockton.

Oakland Sewer Construction Co., 9915 Walnut St., Oakland.

Bechtel Bros. & McCone, 220 Bush St., San Francisco.

Steve P. Rados, 2975 San Fernando Rd., Los Angeles.

Underground Construction Co., 75th Ave. and San Leandro Blvd., Oakland.

Freethy-Fogelberg Co., 1436 Kearney St., El Cerrito.

Ben C. Gerwick, Inc., 112 Market St., San Francisco.

Duncanson-Harrelson Co., 1404 De Young Bldg., San Francisco.

A. E. Downer, 1429 N. Baker St., Stockton.

McGuire & Hester, 796 66th Ave., Oakland.

C. Dudley De Veibiss Co., Eastshore Highway and Huntington Ave., Richmond.

E. J. Tobin, 1000 Carleton St., Berkeley 2.

(Continued on Page Seven)

40— STREETS AND HIGHWAYS

3/15/46 • • 40

BIDS OPENED

ALAMEDA, Alameda Co., Calif.—J. R. Armstrong, 400 Central, Box 216 El Cerrito, at $2380 submitted low bid to the Federal Public Housing Authority, Room 901, Phelan Bldg., San Francisco, for supplementary road construction and drainage at Alameda, Project Calif. 4895-N.

Other bids were:

Eastbay Construction Co.	$3,767
J. Henry Harris	5,883

3/15/46 • • 40

BIDS WANTED

MODESTO, Stanislaus Co., Calif.—As previously reported, until March 27, 7:30 P. M., bids will be received by the Modesto City Council, Rex E. Gailfus, City Clerk, 717 Tenth St., Modesto, for improvement of Kansas Ave .from Franklin to Ninth Streets.

Work involves:

(1) 480 c.y. excav. and grading;
(2) 400 tons asph. concrete base;
(3) 170 tons asph. conc. surf. course;
(4) 12 tons asph. concrete, warp and feather surfacing;
(5) 2,330 s.y. seal coat;
(6) 2,550 s.y. bit. surf. treatment;
(7) lump sum, storm drain system, complete in place.

Specifications obtainable from City Engineer, 616 Tenth Street, Modesto, upon deposit of $10.00.

(Continued on Page Seven)

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Misc. Supplies & Materials	42
Machinery and Equipment	43

42— MISC. SUPPLIES AND MATERIALS

3/15/46 •• 42

BIDS WANTED

PHOENIX, Ariz.—Until March 27, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver 2, Colo., under Inv. C-44,235-A for coupling capacitors, line traps, etc., f.o.b. shipping point and/or Phoenix, Tucson and Coolidge, Ariz.; Phoenix-Tucson transmission line.

Specifications obtainable from the above office.

3/15/46 •• 42

BIDS WANTED

SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, 821 Market St., San Francisco 3, for materials and equipment as follows:

March 20, 2 P. M.

Inv. SF-2862-46: one air compressor unit, f.o.b. Oakland.

March 26, 2 P. M.

Inv. SF-2861-46: 15 hot water pressure tanks, f.o.b. Oakland.

3/15/46 •• 42

BIDS OPENED

OAKLAND, Alameda Co., Calif.—U. S. Pipe & Foundry Co., Monadnock Bldg., San Francisco, at (Sched. I) $4276.80, (Sched. II) $23,429.80 and (Sched. III) $13,392, submitted low bid to the East Bay Municipal Utility District, Room 406, 512 16th St., Oakland, under Pro. LS-350 for furnishing cast iron pipe and fittings for Orinda filter plant.

Bids will be taken as follows:

Schedule I—Cast Iron Pipe

(1) 24 length 20-in. class B flange and flange pipe, 8-ft. 6 5/16-in. long;
(2) 12 lengths 18-in. class B flange and flange pipe, 6-ft. 9¼-in. long;
(3) 12 length 18-in. class B flange and spigot pipe, 2-ft. 5⅝-in. long;
(4) 12 length 8-in. class B flange and spigot pipe, 13-in. long.

Schedule II—Cast Iron Pipe Fittings

(1) 12 20-in. 90-degree long radius flanged elbows;
(2) 24 20-in. 90-degree standard flanged elbows;
(3) 12 special 20x20x20x18-in. flanged crosses;
(4) 24 28x20-in. eccentric reducers, spigot large end, flanged small end;
(5) 12 18-in. flanged base tees;
(6) 12 18-in. 90-degree flanged elbows;
(7) 12 18-in. standard 90-degree bell and spigot elbows;
(8) 12 18x8-in. special reducing flanges;
(9) 12 8-in. 90-degree flanged elmows;
(10) 12 8-in. companion flanges;
(11) 24 special cast iron bell and spigot nipples, 18-in. long;
(12) 1 30-in. cast iron sleeve;
(13) 1 30x30x24-in. all bell tee.

Schedule III—Cast Iron Adaptors and Manifolds

(1) 144 adaptors for collector pipes, 5-ft long;
(2) 144 manifolds for collectors pipes, 5-ft. long.

Complete bids follow:

U. S. Pipe & Foundry Co., (I) (1) $109.70, (2) $75.20, (3) $54.10, (4) $7.70, total $4276.80; (II) (1) $118.25, (2) $81.05, (3) $208, (4) $475.65, (5) $118.20, (6) $63.50, (7) $63.55, (8) $27.50, (9) $11.40, (10) $3.60, (11) $100.80, (12) $61, (13) $220.80, total $23,429.80; (III) (1) $43.10, (2) $49.90, total $13,392.

Phoenix Iron Works, (III) (1) $48.30, (2) $67.50, total $16,675.20.

3/16/46 • • 42

CONTRACTS AWARDED

OAKLAND, Alameda Co., Calif.—Grinnell Co., 601 Brannan St., San Francisco, at (1) $13,005.50, 2% 10 days, and E. T. Haas Co., Box 411, San Mateo, at (2) $440, awarded contracts by the East Bay Municipal Utility District, 512—16th St., Oakland, under Spec. 1717 for furnishing 100 each dresser style pipe couplings for 16-inch steel pipe.

3/16/46 • • 42

NO BIDS RECEIVED

OAKLAND, Alameda Co., Calif.—No bids were received by the East Bay Municipal Utility District, Room 312, 512—16th St., Oakland, under Pro. 1718 for 200,000 sq. ft. of galvanized and welded steel wire fabric 2x4-inch weave, gage No. 13.

3/16/46 • • 42

CONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—Hazard Insulated Wire Works, Russ Bldg., San Francisco, at $1872; ½ of 1% discount, awarded contract by East Bay Municipal Utility District, 512—16th St., Oakland, under Spec. 1714 for 2000 l.f. lead-covered cable.

3/16/46 • • 42

BIDS OPENED

OAKLAND, Alameda Co., Calif.—California Corrugated Culvert Co., 7th and Parker, Berkeley, at $5,335 submitted low bid to the East Bay Municipal Utility District, Room 406, 512—16th St., Oakland, under LS-349 for furnishing steel pipe for the Orinda filter plant, wash water line.

Bids were taken on:

(1) 862 l.f. electrically welded steel pipe, 25-in. O.D. by 3/16-in. thick, with fittings and appurtenances;
(2) lump sum, install 828 l.f. cement mortar lining ½-in. thick on inside surfaces of 25-in. OD. steel pipe;
(3) lump sum, install 520 l.f. of exterior cement mortar coating ¾-in. thick on outside surfaces of 25-in. O.D. steel pipe.

Complete bids follow:

California Corrugated Culvert Co., Berkeley, (1) $3535; (2) $900; (3) $900; total, $5,335.

Steel Tank & Pipe Co., (1) $4370; (2) $828; (3) $520; total, $5,718.

3/15/46 •• 42

BIDS WANTED

SAN FRANCISCO. — Until March 25, 3 P. M., bids will be received by the Purchaser of Supplies, 270 City Hall, under Bid No. 3509 for furnishing and delivering venetian blind repairs for the Junior College.

Specifications obtainable from the above office.

3/15/46 • • 42

BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until March 27, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Room 312, 512—16th St., Oakland under Pro. 1720 for 12 steel operating tables.

Specifications obtainable from the above office.

3/15/46 • • 42

BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until March 27, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Room 312, 512—16th St., Oakland under Pro. 1723 for two jeeps and station wagons.

Specifications obtainable from the above office.

3/15/46 • • 42

CONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—Steel Tank and Pipe Co., 1100 Fourth St., Berkeley, at $1380, awarded contract by the East Bay Municipal Utility District, Daniel Read, Secretary, 512—16th St., Oakland, under Spec. 1716 for furnishing 120 feet of 42-inch steel pipe.

(Continued on Page Seven)

43— MACHINERY AND EQUIPMENT

3/15/46 • • 43

BIDS OPENED

OAKLAND, Alameda Co., Calif.—Allis-Chalmers Mfg. Co., 650 Harrison St., San Francisco, at $3910 submitted low bid to the East Bay Municipal Utility District, Room 312, 512—16th St., Oakland, under Pro. 1719 for one oil circuit breaker.

Other bids were:

Westinghouse Electric Corp., $4390.

General Electric Co., $4416.

3/15/46 •• 43

BIDS WANTED

TRINITY COUNTY, Calif.—Until March 25, 2 P. M., bids will be received by the State Division of Highways, G. F. Heliesoe, acting district engineer, Eureka, for rental of from one to six 4- to 5-cu. yd. dump trucks for not to exceed 368 hours' work near Burnt Ranch in Trinity County.

Specifications obtainable from the above office.

3/15/46 34

CONTRACT AWARDED

TACOMA, Wash.—The Puget Sound Bridge & Dredging Co, 2929 16th Ave. SW., at $54,282, awarded contract by the Bureau of Yards and Docks, 13th Naval District, Exchange Bldg., Seattle, under Spec. 17619 for dredging and disposal of 498,000 cu. yds. material from Wapato Waterway and Commencement Bay, adjacent to the Todd Pacific Shipyards, Inc., Tacoma.

3/15/46 • • 42

BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until March 27, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Room 312, 512—16th St., Oakland under Pro. 1722 for streamline fittings.

Specifications obtainable from the above office.

(Continued on Page Seven)

Classified Advertising

POSITION WANTED

EXPERIENCED SPECIFICATION TYPIST desires temporary work. Write or wire Lillian Price, 1277 Spruce St. Berkeley. 3/12-13-14-15/46

HELP WANTED

CONSTR. SUPTS. for Industrial and Home Bldg. projects. Permanent employment and good salary for the right man. Work located in San Jose area. Reply Box 315 c/o Daily Pacific Builder. (3/13-14-15-18-19/46)

EXPERIENCED ARCHITECTURAL DRAFTSMAN, Phone GArfield 1760. (3/13/46)

CONSTR. SUPT. for large building contractor. Must have excellent record and references. Salary to start $750 a month. Reply Box 312 c/o Daily Pacific Builder. (3/13-14-15-18-19/46)

CHIEF ESTIMATOR and MANAGER for large bldg. contractor. Must have excellent record and references. Salary to start $900 a month. Reply Box 314 c/o Daily Pacific Bldr. (3/13-14-15-18-19/46)

DRAFTSMAN wanted. Apply to John Hudspeth, Architect, with samples of work. 427 13th St., Oakland.

Experienced ARCHITECTURAL DRAFTSMAN. Call for an interview. F. H. Reimers, A.I.A., 79 Post St., San Francisco.

LUMBER BROKER WANTED

LUMBER for building Peninsula home. Bay Building Co., 731 El Camino Real, Redwood City. (3/14-15-18-19-20/46)

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PLANS and Speculations

Paradise: About 50 service and improvement clubs here are seeking building funds to construct an indoor recreation center for boys and girls. Kenneth Nevins, principal of the Paradise grammar school, said more than $1,000 has already been contributed. Next meeting to discuss the plans is set for April 8.

oOo

Woodland: John Griffith, chairman of the American Legion Fact-Finding Committee, is making a survey here to determine what kind of war memorial the community wishes to sponsor.

oOo

Los Gatos: Six separate groups have inquired about possibilities of constructing an airport here, according to the chamber of commerce.

oOo

Colusa: The Colusa Housing Authority, reportedly discussing sites for 24 emergency housing units for veterans, is contemplating means necessary to move Federal allotted housing here from other districts.

oOo

Bakersfield: The decision to engage a consulting engineer to open architectural competition for a living war memorial here has been made by the Kern County Board of Supervisors. Charles Lake is general chairman of the committee who aim to draft an over-all program of a memorial, auditorium and recreation center to fit the county's needs.

oOo

Oroville: The County Board of Supervisors has written a curt note to the Oroville city council asking "when the long-talked about city jail is going to be built?" Supervisor Walter J. O'Neill, who suggested the letter, said it wasn't intended to be antagonistic, but merely to get information.

#

CERTIFY ARCHITECTS

The Board of Architectural Examiners announces that certificates authorizing the practice of architecture in the state of California have been awarded to eight men.

They are: Allen Balch, 1340½ N. Edgemont street, Los Angeles; Donald Campbell, 2087 Navarro avenue, Pasadena; Sidney Hill Foster, 9809 MacArthur boulevard, Oakland; Boyd S. Georgi, 148 Chiquita street, Laguna Beach; Kenneth Nile Lind, 7417 Beverly boulevard, Los Angeles; Thomas Keret, 4152 20th street, San Francisco; William L. Simrell, Jr., 711 Costa Rice avenue, San Mateo; and Malcolm C. Smith, 683 22nd avenue, San Francisco.

Klamath Basin Irrigation Survey Launched This Month

Survey parties of the Bureau of Reclamation will begin field work this month in the 12,000-square-mile Klamath River Basin on a comprehensive investigation of its land and water resources available for full agricultural and industrial development of the area.

Inauguration of the reclamation study was announced today by Regional Director Richard L. Boke, Sacramento, who said it will include a complete mountains-to-the-sea inventory of potential irrigation, power flood control, fishing, and related recreational possibilities of the entire basin. Headquarters for the investigation will be established in Klamath Falls, Ore., in conjunction with the existing Klamath Reclamation Project which has been in operation since 1907.

The basin includes parts of Lake, Klamath, and Jackson counties in Oregon, and Siskiyou, Modoc, Del Norte and Trinity counties in California. Besides the main river, the Bureau's survey will cover the Sprague, Williamson, Wood, and Sycan rivers in the upper basin, the Klamath marsh areas, and the Shasta, Scott, Salmon, and Trinity rivers which are tributary to the Klamath River in the lower basin. In accordance with a specific request of the collier committee, special attention will be given the irrigation possibilities of the Butte and Shasta valleys in Siskiyou county, Boke said.

The long-range Klamath study was charted at a recent conference of Bureau officials in Klamath Falls where it was decided that a full-fledged investigation staff will be set up in the basin before June 30. The field work and the preparation of the Bureau's comprehensive report will be the responsibility of the Regional Branch of Project Planning headed by Regional Planning Engineer S. A. Kerr, with the cooperation and assistance of the Regional Branch of Operation and Maintenance with respect to the existing Klamath Project under Supt. E. L. Stephens.

Did You Know That . . .

For the past two months **Architect Michael Goodman** has been established in new offices at 2161 Shattuck avenue, Berkeley 4. Mr. Goodman is occupying rooms 4 and 5 at the new address and his telephone number is THornwall 4330.

—O—

M. J. Lynch, general engineering contractor, has moved to new quarters at 2251 Revere avenue, San Francisco. Formerly located at Barneveld and Oakdale avenues, the firm's telephone number remains VAlencia 1434.

—O—

Harry Hansell, former manager of the **Asbestos Company of California** in San Francisco has been elected president of the company. Mr. Hansell has been active in the Insulation and Mechanical Rubber field for a period of 20 years.

—O—

The California State Personnel Board is holding examinatoins April 20, for positions of junior highway engineer and assistant highway engineer. Salaries for the positions are $220 and $270, respectively, which includes wartime emergency increases of $25 for each job. Applications must be filed at State Personnel Board, 1015 "L" street, Sacramento, before midnight of April 4, or postmarked before that time.

—O—

Garrett **Eckbo,** Robert Royston and **Edward Williams** announce their association as **Eckbo, Royston & Williams,** Planning Consultants, Landscape Architects, Site and Recreation Planners, with offices at 21 Columbus Avenue, San Francisco 11 (EXbrook 1170), and 624 South Carondelet, Los Angeles 5 (PRospect 6484).

—O—

Al O. Erickson and **Ross Phillips,** formerly with Macco Constr. Co., have joined forces with Arthur Weisberg, recently discharged Lieutenant Commander in the Seabees, and are now doing business as general contractors under the name of Erickson, Phillips & Weisberg Construction Co., 2707 Grant street, Berkeley. Phone Berkeley 7825-J.

—O—

Fred L. Swartz and William G. Hyberg, Rowell Building, Fresno, have formed a partnership in architecture. Mr. Hyberg, a graduate of the University of Southern California, has completed three years work with W. D. Peugh and Associates, designers of buildings located at Camp Parks and Shoemaker Naval Hospital, Pleasanton.

Unemployment Rises Feb. Report Proves

As a result of industrial disputes in the iron and steel and electrical equipment industries, manufacturing employment in the San Francisco Bay Industrial Area was reduced further between January and February, Paul Scharrenberg, Director of Industrial Relations, announced today on the basis of preliminary reports.

Approximately 80,000 wage earners were at work in Area manufacturing industries in mid-February compared with 83,000 in the middle of January.

Employment losses were concentrated almost entirely in durable goods industries in which the number of wage earners fell to approximately 33,000 in February from 36,000 the preceding month.

In the nondurable goods division, factory employment remained fairly stable between January and February at around 47,000 production workers.

Carbide Tipped Masonry Tools Give Longer Wear

A line of Carboloy cemented carbide tipped and faced masonry tools recently introduced by a Detroit organization is reported to be giving excellent results. The development had its inception when Ralph Gwinn, a brick mason, asked his son Myron, who worked at Carboloy Co., Inc., to consult the company regarding the troubles he had with his regular tools—involving frequent sharpenings, etc.

A set of masonry tools, comprising a scutch to trim bricks, a brick both hammer head and cutting both haommer head and cutting edge, a tile setter hammer, and a three-inch brick set used to cut glazed brick were tipped with Carboloy, and ground to shape.

The results, according to Gwinn, were so surprising that, after a month with not a tool requiring sharpening, the Gwinns decided to go into the manufacture of Carboloy tools for the masonry trade. The business is reported to be flourishing.

GROOVER AND I

R.S.V.P.? THEY DID!

I should have bought new running shoes before starting any facetious correspondence with General Vandegrift regarding a payment of 31c for a first-aid bandage lost by former Lt. Maurice Savage, USMCR.

★ ★ ★

George C. White of the Wallace & Tiernan Sales Corp., warned me there would be days like this. White stated there might be several hundred dollars worth of paper work in addition to a possible Congressional investigation.

★ ★ ★

The M. P.'s haven't come clomping up the stairs yet but there is a letter from Lt. Col. LeRoy Houser, USMCR, who states that the record of Lt. Savage's equipment had already been cleared.

★ ★ ★

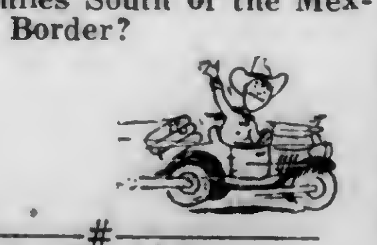
He returned the 31c money order by registered airmail. There is 32c postage on the return envelope—and I am stuck with the money order!

★ ★ ★

I am in one heluvafix. The postal money order is made payable to the U. S. Marine Corps. If I burn it up, I may be charged with destroying a Government document. If I keep it I may be charged with possession of Government funds.

★ ★ ★

Has any one a small cabin I can rent—preferably about six miles South of the Mexican Border?



#

Berkeley Architect Wins $1,000 Prize

In a nation-wide competition of architects and designers, George R. Klinkhardt, 44 Eucalyptus Rd., Berkeley, has won a $1,000 prize for his design of a two-story house adaptable to a 30-foot lot .

The contest was sponsored by the Chicago Tribune, and entries were exhibited at the Art Institute of Chicago. More than 15,000 persons viewed the display.

Mr. Klinkhardt's design is a practical example of building on a small lot and has effectively worked out a way of utilizing all available space.

He is chief architect of the department of architecture and engineering of the Oakland board of education.

State's Million Dollar Building Program Approved By Governor Warren

The $154,000,000 appropriation bill signed last week by Governor Warren provides funds for a vast state postwar construction and repair program of universities, hospitals and other institutions.

It will allow for modernization and expansion of state facilities to meet anticipated needs up to 1950.

San Francisco will receive a big share, an amount running into several milions.

Some of the buildings provided are for: a $2,670,000 grant for completion of the University of California's new teaching hospital in the San Francisco Medical Center; $2,275,000 medical sciences building and a $135,000 dental clinic expansion at the center. (Warren earlier signed a separate $4,000,000 appropriation for the medical center.)

San Francisco State College, $3,436,300; Langley - Porter Clinic, $200,000; State building annex, $1,900,000; San Francisco State building No. 2, $1,750,000; motor vehicle department building, $330,000.

An appropriation for the Yountville Veterans Home of $2,400,000 brings the total for that institution up to $3,481,000, and includes provision, for the first time, for women's quarters.

Among the major allocations eset up in the omnibus bill are:

University of California, $30,000,000; Department of Education, $13,500,000; Department of Institutions, $57,500,000; Department of Corrections, $12,200,000; Youth Authority, $7,000,000; Yountville Veterans Home, $2,400,000; State capitol and offices, $15,800,000; Department of Natural Resources $3,300,000; Department of Motor Vehicles, $3,400,000; Department of Agriculture, $400,000; State fair and exposition park, $3,500,000; miscellaneous repairs and improvements, $5,000,000.

New maximum security mental hospital, $6,133,200; new Los Angeles psychiatric research clinic, $1,000,000; new mental hospital, $5,333,200; new department of corrections medical facility (to be located in or as near the Bay area as possible), $5,130,000; new medium security prison, $4,000,000; new boys' reform school, $1,067,000; addition to State capitol building, $2,400,000.

AIR CONDITIONING TALK

Donald Williams, of the General Air Conditioning & Heating Co., will talk on "Industrial Air Conditioning" at the Wednesday luncheon of the American Society of Heating and Ventilating Engineers, Golden Gate chapter.

The meeting will commence at 12:45 p. m. in the El Jardin, 22 California street, just off Market street.

Plastic Composition Adapted To Many Construction Uses

A new construction material, somewhat in the nature of a plastic composition, has been announced by Research for Industry, Inc., of 2915 Detroit avenue, Cleveland. The product, according to Dr. Waldemar Dietz, executive director of the organization, will solve the problem of many manufacturers who now cannot obtain sufficient materials.

"This material, because of the fact that it is inexpensive and can be pressed into sheets or molded into a wide variety of forms, will solve the problem of many manufacturers who now cannot obtain materials," he said.

The product, known as Excelite, is made of materials which are easy to obtain even with the present shortages. Its relatively high strength, low conductivity of heat, low manufacturing cost, good resistance to fire and fine appearance make it applicable to many fields where metals or plastics now are used.

Beside molded products, applications for which the material is suited include insulating building boards, doors, sash mouldings, gutters, veneer cores, air ducts, stove pipe board liners, furniture, roofing, cabinets, refrigerator insulation, truck and bus bodies, caskets and coffins, containers and many others.

"Material shortages threaten to deprive the consumer of many badly needed things," said Dietz. "This material will help solve this problem and will make possible lower production costs for many articles due to minimum labor requirements."

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ADVANCE CONSTRUCTION REPORTS

DAILY PACIFIC BUILDER
(Established 18[illegible])
Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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1-8—COMMERCIAL BLDGS.

3/18/46 ** 5
CONTRACT AWARDED
RESTAURANT
OAKLAND, Alameda County, Calif. Grand Ave. near Station.
Construction of reinforced concrete restaurant building (55x100 ft.).
Owner—Beck Restaurant.
Architect — Irwin M. Johnson, 449 MacArthur Blvd., West Oakland.
Contractor—Norman Peterson, Oakland.

3/18/46 ** 6
COMPLETING PLANS
STORE BUILDING Cost, $20,000
OAKLAND, Alameda County, Calif. Lakeshore Ave.
Construction of one-story reinforced concrete store building (50x95 ft.).
Owner—Withheld.
Architect—Ray F. Keefer, 770 Wesley Ave., Oakland.

Plans are being completed and will be ready for figures within one week.

3/18/46 * * 7
WORK UNDER WAY
SUPER-MARKET Est. Cost, $150,000
SAN CARLOS, San Mateo Co., Calif. Laurel Ave. and Morse Street.
Construction of 5-department supermarket.
Owner—Lester Jinkerson, 2891 Hillside St., Burlingame.
Plans by Walter Landor, San Mateo.
Contractor—Wm. Horstmeyer Co., 23 Mars St., San Francisco.

3/18/46 ** 8
PREPARING WORKING DRAWINGS
DISPLAY ROOM Cost, $50,000
SACRAMENTO, Sacramento County, Calif. 17th and K Sts.
Construction of one-story reinforced concrete automobile display building (80x160 ft.).
Owner—Western Motors, agents for Kaiser-Frazer Co.
Architect — Herbert E. Goodpastor, Mitau Bldg., Sacramento.

3/18/46 * * 7
CONTRACT AWARDED
SUPER-MARKET
SOUTH SAN MATEO, San Mateo Co., Calif. El Camino Real in vicinity of 41st Avenue.
Construction of modern super-market.
Owner—Lester Jinkerson, 2891 Hillside Ave., Burlingame.
Plans by contractor.
Contractor—Alex Johnson, 632 Belvedere St., San Francisco.

3/18/46 ** 8
TO ASK BIDS
STORE BLDG. Est. Cost, $200,000
OAKLAND, Alameda County, Calif. 65th St. and Telegraph Ave.
Construction of building to house retail store and offices for professional men (130x110 ft.).
Owner—H. W. Richardson, c/o Dick's Van & Storage Co., 6526 Telegraph Ave., Oakland.
Plans by Clay N. Burrell, 428 15th St., Oakland.

Bids will be asked today to be opened within one week.

3/18/46 * 8
TO START WORK
DISPLAY ROOM Est. Cost, $10,000
GRASS VALLEY, Nevada Co., Calif. S Auburn St., vacant lot adjoining the Richfield Oil distributing plant and Grass Valley Public Market.
Construction of Willys - Knight display room (prefabricated).
Owner and Builder—Howard Staats, 312 Colfax Ave., Grass Valley.

Construction will be done by days work.

3/18/46 ** 2-8
BIDS IN—HELD UNDER ADVISEMENT
REMODEL AUTO AGENCY
SAN FRANCISCO. 2001 Market St. and Duboce Ave.
Remodel Ford-Mercury agency building.
Owner—S. & C. Motors, 2001 Market.
Architect—W. D. Peugh, 333 Montgomery St.

3/18/46 * 8
TO START WORK
REBUILD STORE
ANTIOCH, Contra Costa Co., Calif. Second and G Streets.
Rebuilding of the front of M & H hardware store.
Owner—M & H Hardware Ctore, 2nd and G Sts., Antioch.
Contractor—Henry L. Howse, 1025 D St., Antioch.

3/18/46 ** 3
PLANNED
WAREHOUSE Cost, $120,000
FRESNO, Calif. H Street.
Remodel two warehouses into single warehouse (480x50 ft.).
Owner—Zellerbach Paper Co., A. R. Kuhn, division manager, H and Kern Sts., Fresno.
Architect—Not announced.

3/18/46 * 6
TO START WORK
STORE BUILDING Est. Cost, $10,000
SAN BRUNO, San Mateo Co., Calif. 560 San Mateo Ave.
Construction of business store building.
Owner—Adred Hynding, South San Francisco.
Contractor — Joseph J. Bettancourt, 422 San Anselmo Ave., San Bruno.

3/18/46 8
PREPARING PLANS
SALES BUILDING Cost, $50,000
FRESNO, Calif.
Construction of sales building.
Owner—The Haven Saw & Tool Co., Fresno.
Architects—Fred L. Swartz and Wm. G. Hyberg, Rowell Bldg., Fresno.

3/18/46 6
PREPARING PLANS
AUTOMOTIVE SALES BUILDING Cost, $60,000
FRESNO, Calif.
Construction of automotive sales and garage building.
Owner—Withheld.
Architects—Fred L. Swartz and Wm. G. Hyberg, Rowell Bldg., Fresno.

3/18/46 * 2-18
SUB-CONTRACTS AWARDED
AUTOMOBILE AND APPLIANCE BUILDING
SAN FRANCISCO. Northeast corner Geary Blvd. and Blake St.
Construction of one-story reinforced concrete automobile and appliance sales and service building; work includes excavation, concrete work, structural steel, carpentry, millwork, roofing, sheet metal work, porcelain enameled iron, miscellaneous and ornamental steel and iron work, lathing and plastering, glass and glazing, painting, linoleum, auto hoists, gasoline tanks and pumps, electrical work, etc.
Owner—Harry Krieger & Son, c/o engineer.
Consulting Engineer—Hyman Rosenthal, 617 Montgmorey St.
Architect—Theo. G. Ruegg, 617 Montgomery St.
Contractor—Jacks & Irvine, 620 Market St., San Francisco.
Roofing—L. S. Case Co., 7th and Daggett Sts.
Electric Wiring—Glaving Bros., 1578 28th Ave.
Sheet Metal—Delucchi Sheet Metal Works, 1526 Powell St.
Glass—Friedman Bros., 461 Valencia.
Iron Grille Work—Industrial Ornamental Iron Wire & Bronze Works, 1526-1528 Folsom St.
Grading—DeVincenzi & Haskins, 440 Anza St.
Lumber — Rolando Lumber Co., 301 Berry St.
Mill Work—Portman's Mill & Cabinet Shop, 245 Bay Shore Blvd.
Painting—Raphael Co., 270 Tehama.
Lathing and Plastering—A. Knowles, 516 Stanyan St.
Linoleum—Conklin Bros., Inc., 3320 20th St.

3/18/46 ** 3
CONTRACT AWARDED
WAREHOUSE Cont. Price $151,500
SAN FRANCISCO. Fourth and Clementina Streets.
Construction of two-story and basement class B warehouse (80x140 ft.) for the storage of drugs.
Owner — S. E. Massengill Co., c/o architect.
Architect—Howard Edwin Sweeting, 101 Post St.
Contractor — E. S. McKittrick Co., Inc., 610 16th St., Oakland.

Complete bids were:
E. S. McKittrick Co., Inc., $151,500.
De Luca & Son, $160,800.
Clinton Construction Co., $164,300.
M. & K. Corp., $164,461.
Barrett & Hilp, $164,545.
Erbentraut & Summers, $175,600.

9-10—EDUCATIONAL BUILDINGS

3/18/46 * * 9
PREPARING PLANS
SCHOOL BLDG. Cost, $200,000
DINUBA, Tulare County, Calif.
Construction of school additions.
Owner — Dinuba Elementary School District, Dinuba.
Architects—Fred L. Swartz and Wm. G. Hyberg, Rowell Bldg., Fresno.

3/18/46 ** 9
BOND ELECTION RESCINDED
SCHOOL ADDITIONS Cost, $266,000
WOODLAND, Yolo County, Calif.
Construction of additions to Beamer and Dingle grammar schools.
Owner — Woodland School District, Walter C. Patchett, superintendent of schools, Woodland.
Architects—Dragon & Schmidts, 2068 Allston Way, Berkeley.

A special election must be held on the proposal to float a $175,000 bond issue to partially finance the above project, for the district attorney has informed Superintendent Walter C. Patchett that the special school bond issue cannot be included on the ballot for the June 4 primary election.

3/18/46 ** 9
PREPARING PLANS
GYMNASIUM BLDG. Cost, $223,000
LINDSAY, Tulare County, Calif.
Construction of gymnasium building to serve both the junior and senior high schools.
Owner—Lindsay Unified School District, C. A. Castle, superintendent, Lindsay.
Architect—Frank Wynkoop, 821 Market St., San Francisco.

3/18/46 ** 10
BIDS OPENED
MAINTENANCE BUILDING
KENTFIELD, Marin County, Calif. Marin Junior College Campus.
Construction of one-story concrete block maintenance building.
Owner — Marin Junior College District, W. H. Austin, principal, Kentfield.
Architect — Arnold S. Constable, 95 Spencer Ave., Sausalito.
Low Bidder — Danzin Construction Co., Kentfield, $4616, (alternate) no change.

De Luca & Son, San Francisco, at $9320, (alternate) wood floor in lieu of concrete $8913, submitted the only other bid.

Bids are being held under advisement, but will probably be rejected and the work readvertised jointly with the engineering building. The next meeting of the school board will be held April 11.

3/18/46 ** 9
PREPARING PLANS
SCHOOL BUILDING Cost $300,000
DINUBA, Tulare County, Calif.
Construction of high school building.
Owner—Dinuba Union High School District, Dinuba.
Architects—Fred L. Swartz and Wm. G. Hyberg, Rowell Bldg., Fresno.

3/18/46 * * 9
CONTRACT AWARDED

SAN FRANCISCO.—Adam Arras & Son, 116 New Montgomery Street, at $3,333 awarded cotract by the Department of Public Works, Room 282 City Hall, for alterations and additions to Room 207, Hall of Records, Kearny and Washington Streets; Job No. 498.

3/18/46 * 9
PREPARING PLANS
SCHOOL BUILDING Cost, $250,000
SANGER, Fresno County, Calif.
Construction of high school building.
Owner—Sanger Union High School District, Sanger.
Architects—Fred L. Swartz and Wm. G. Hyberg, Rowell Bldg., Fresno.

3/18/46 10
PREPARING PLANS
LIBRARY Cost, $75,000
PORTERVILLE, Tulare Co., Calif.
Construction of municipal library building.
Owner—City of Porterville.
Architects—Fred L. Swartz and Wm. G. Hyberg, Rowell Bldg., Fresno.

3/18/46 9
PLANS COMPLETED
SCHOOL ADDITION Cost, $40,000
MADERA, Calif. Washington School.
Construction of school addition.
Owner—Madera School District, Madera.
Architects—Fred L. Swartz and Wm. G. Hyberg, Rowell Bldg., Fresno.

3/18/46 * 9
PREPARING PLANS
GYMNASIUM Cost, $100,000
PARLIER, Fresno County, Calif.
Construction of gymnasium building.
Owner—Parlier Union High School District, Parlier.
Architects—Fred L. Swartz and Wm. G. Hyberg, Rowell Bldg., Fresno.

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3/18/46 9
PREPARING PLANS
SCHOOL BUILDING Cost, $100,000
TULARE COUNTY, Calif.
Construction of school building.
Owner — Richgrove School District, Tulare County.
Architects—Fred L. Swartz and Wm. G. Hyberg, Rowell Bldg., Fresno.

11—HOSPITALS

3/18/46 * * 11
PREPARING PLANS
HOSPITAL Cost, $175,000
EXETER, Tulare County, Calif.
Construction of Exeter Memorial Hospital, brick veneer with concrete tiled floor.
Owner—Exeter Hospital Association, Harold Anderson, chairman, Exeter.
Architects—Fred L. Swartz and Wm. G. Hyberg, Rowell Bldg., Fresno.

3/18/46 * 11
BIDS WANTED

SAN FRANCISCO.—Until March 27, 2:30 P. M., bids will be received by the Department of Public Works, Room 282 City Hall, for replacement of the hot water risers and branches for the Health Center Bldg., southwest corner Polk and Grove Sts.; Job No. 502.

Plans and specifications obtainable from the office of City Architect Dodge A. Riedy, Room 265 City Hall,

3/18/46 * 11
PREPARING PLANS
HOSPITAL ADDITION Cost, $200,000
HANFORD, Kings County, Calif.
Construction of hospital addition. upon deposit of $25.
Owner—Sacred Heart Hospital, Hanford.
Architects—Fred L. Swartz and Wm. G. Hyberg, Rowell Bldg., Fresno.

3/18/46 11
PREPARING PLANS
SANITARIUM ADDN. Cost, $80,000
SELMA, Fresno County, Calif.
Construction of addition to sanitarium.
Owner—Selma Sanitarium, Selma.
Architects—Fred L. Swartz and Wm. G. Hyberg, Rowell Bldg., Fresno.

3/18/46 11
PREPARING PLANS
SANITARIUM ADDN. Cost, $25,000
MADERA, Calif. 401 W. Yosemite.
Construction of sanitarium addition.
Owner—Madera Sanitarium, 401 W. Yosemite, Madera.
Architects—Fred L. Swartz and Wm. G. Hyberg, Rowell Bldg., Fresno.

12-13—INDUSTRIAL BUILDINGS

3/18/46 ** 12
PLANNED
PLANT EXPANSION Cost, $75,000
MONTEREY, Calif.
New 100-ton capacity chilling plant and improvements to present cannery.
Owner—Carmel Canning Co., J. R. Perry, president, Oceanview Ave., Monterey.
Architect—Not given.

3/18/46 ** 12
PLANNED
REDUCTION PLANTS Cost, $350,000
MONTEREY, Calif.
Construction of two reduction plants to be known as the Ronda Fisheries and Magnolia Packing Co., to cost $100,000 each, and an additional reduction factory near owner's present site, to cost $150,000.
Owner—San Carlos Canning Co., Angelo Lucido, president, Spence and Wave, Monterey.
Architect—Not announced.

3/18/46 ** 12
UNDER CONSTRUCTION
REDUCTION PLANT
MONTEREY, Calif. Oceanview at foot of Irving Ave.
Construction of part one- and part two-story reductoin plant (200x25 ft.).
Owner—Del Vista Packing Co., Wm. Lunde and J. H. Yee, owners, 835 Oceanview, Monterey.
Architect—Robert Jones, Ocean and Mission Sts., Carmel.
Contractor — Harold C. Geyer, 787 Munras Ave., Monterey.

3/18/46 ** 12
UNDER CONSTRUCTION
REDUCTION PLANT
MONTEREY, Calif.
Construction of new 10-ton capacity reduction plant.
Owner—Oxnard Canners, S. A. Ferante, manager, Oceanview Ave. and Prescott, Monterey.
Contractor—A. B. Coats, 980 Jefferson St., Monterey.

3/18/46 * * 42
BID OPENED

DENVER, Colo.—Graybar Electric Co., Denver, submitted only bid to the Bureau of Reclamation, Custom House, Denver, March 11, on Sched. No.3 items (4) $1 and (5) $1.50, for furnishing wire and staples, fob Phoenix, shipping point, Oakland, for the Phoenix-Tucson transmission line No. 2; Inv. 7237-A.

3/18/46 * * 12
PREPARING PLANS
PACKING PLANT Cost, $100,000
LINDSAY, Tulare County, Calif.
Construction of orange packing plant
Owner—LoBue Bros., D Avenue near Fifth Ave., Lindsay.
Architects—Fred L. Swartz and Wm. G. Hyberg, Rowell Bldg., Fresno.

3/18/46 ** 12
PLANT DESTROYED

MONTEREY, Monterey Co., Calif.—A gas explosion recently demolished the Carmel Canning Co. factory building, Cannery Row, Monterey, owned by J. R. Perry, 903 Jefferson St., with loss estimated at $60,000.

3/18/46 ** 12
PLANNED
FACTORY
MODESTO, Stanislaus County, Calif.
Construction of venetian blind factory.
Owners—Roy Hamilton and Melvin Lauriton, 2415 108th Ave., Oakland.

3/18/46 ** 12
PREPARING PLANS
PLANT EXPANSION Cost, $3,500,000
EMERYVILLE, Alameda Co., Calif. 4560 Horton St.
Construction of three major buildings and remodeling of present research plant facilities involving construction of steel and concrete 8-story structure with basement, built in form of a square, with ventilation ducts and elevators in the center, exterior balconies and laboratory space around the perimeter to house research laboratories; 5-story addition to the present administration building and modernization of existing facilities; 4-story and basement building designed to house heavy equipment; remodeling of present facilities, constructing small experimental plant buildings and providing new furnishings and equipment; 5 high-speed elevators, 2 freight elevators, fluorescent lighting, central heating and ventilation, etc.
Owner—Shell Development Co., 100 Bush St., San Francisco 6.
Architects—Allison & Rible, 650 S. Grand Ave., Los Angeles.

As previously reported, construction will begin in the spring and will continue over a two-year period.

3/18/46 * 12
PLANNED
EXPANSION
SANTA CLARA, Santa Clara County, Calif. Lafayette Street.
Expansion of walnut packing plant (50x50-ft.)
Owner—Walnut Growers' Assn., 1777 Lafayette St., Santa Clara.

3/18/46 * 12
PLANNED

NEAR ARVIN, Kern Co., Calif.—Catani Bros., Arving Highway, Kern County, have announced plans for the erection of a new Murray cotton gin at Comanche Point, south of Arvin, for selves; est. cost. $70,000.

14-17—PUBLIC BLDGS.

3/18/46 * * 16
BIDS WANTED—
TO CLOSE APRIL 3, 2 P. M.
PAINTING, ETC.
GLOBE, Arizona. U. S. Post Office and Court House.
Interior and exteror painting and miscellaneous repairs.
Owner—Federal Works Agcy., Public Bldgs. Admin., office of the Dist. Engr., 838 U. S. Appraiser's Bldg., San Francisco.

Specifications obtainable from the above office of the District Engineer or from the Custodian of the building at Globe, Arizona.

3/18/46 * * 16
BIDS WANTED—
TO CLOSE APRIL 2, 2 P. M.
PAINTING, ETC.
KELLOGG, Idaho. U. S. Post Office.
Interior and exterior painting, pointing and masonry, sidewalk repairs and miscellaneous repairs.
Owner—Federal Works Agcy., Public Bldgs. Admin., office of the Dist. Engr., 838 U. S. Appraiser's Bldg., San Francisco.

Specifications obtainable from the above office of the District Engineer or from the Custodian of the building at Kellogg, Idaho.

3/18/46 * * 16
BIDS WANTED—
TO CLOSE MARCH 27, 2 P. M.
ELEVATOR CABLES
SAN FRANCISCO. Old Mint Bldg.
New elevator cables.
Owner—Federal Works Agcy., Public Bldgs. Admin., office of the Dist. Engr., 838 U. S. Appraiser's Bldg., San Francisco.

Specifications obtainable from the above office of the District Engineer.

3/18/46 * * 16
BIDS WANTED—
TO CLOSE APRIL 24, 2 P. M.
ALTER HOISTWAY DOORS
PRESCOTT, Ariz. U. S. Post Office and Court House.
Alterations to hoistway doors.
Owner—Federal Works Agcy., Public Bldgs. Admin., office of the Dist. Engr., 838 U. S. Appraiser's Bldg., San Francisco.

Specifications obtainable from the above office of the District Engineer or from the Custodian of the building in Prescott.

3/18/46 * * 16
BIDS WANTED—
TO CLOSE APRIL 3, 2 P. M.
CHECKS ON ELEVATOR DOORS
SAN FRANCISCO. Federal Office Building.
New checks on elevator door operators.
Owner—Federal Works Agcy., Public Bldgs. Admin., office of the Dist. Engr., 838 U. S. Appraiser's Bldg., San Francisco.

Specifications obtainable from the above office of the District Engineer.

3/18/46 * * 16
BIDS WANTED—
TO CLOSE MARCH 27, 2 P. M.
LOCK BOXES
NAPA, Napa Co., Calif. U. S. Post Office.
Construction of lock boxes.
Owner—Federal Works Agcy., Public Bldgs. Admin., office of the Dist. Engr., 838 U. S. Appraiser's Bldg., San Francisco.

Specifications obtainable from the above office of the District Engineer or from the Custodian of the building at Napa.

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Superstructure for Ordnance Shop, San Francisco Naval Shipyard; NOy 12968; Spec. 17152; Bids open March 18, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6965 or 7054)
E. S. McKittrick Co., 610—16th St., Oakland (TWin Oaks 5070).
M & K Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
A. Farnell Blair Co., Inc., 9 Main St., San Francisco (YUkon 0390).
Moore & Roberts, 693 Mission St. San Francisco (GArfield 8579).
Peter Kiewit Sons' Co., 442 Post St., San Francisco (EXbrook 5736).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440)

Improve Facilities, South San Francisco, E. I. du Pont plant; Bids open March 18, 4:00 P. M. (EST).
Dinwiddie Constr. Co., Inc., 210 Crocker Bldg., S. F. (EXbrook 5616).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)

ALTER and Clean Bldg., 501-7 Howard St., S. F.; Bids open Mar. 20, 10 AM
Mariposa Constr. Co., 1106 Mariposa St., San Francisco (UNderhill 0375)
C. L. Wold Constr. Co., 4412 Fulton St., San Francisco (SKyline 4362)
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317)

Firehouse Addition, San Francisco Naval Shipyard; NOy 13034; Bids close March 20, 11:00 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket [illegible]).
A. Farnell Blair Co., Inc., 9 Main St., San Francisco (YUkon 0390)

School Buildings, Pittsburg; Bids close March 18, 8:00 P. M.
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209).
Transwestern Constr. Co., Rm. 825, Rialto Bldg., S. F. (DOuglas 5708)

N. Rothman Factory, South S. F.; Bids open March 22, 11 A. M.
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081)
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Transwestern Constr. Co., Rm. 825, Rialto Bldg., S. F. (DOuglas 5708)
Rademann-Guisto, 40 Ringold St, San Francisco (MArket 8151)
Peter Kiewit Sons' Co, 442 Post St., San Francisco (EXbrook 5736)

Garage, R. Casazza, Lomita Park; Bids open March 22, 11 A. M.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)

Architectural Renderings
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Store Fronts, Residences, Etc.
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SAND - BRICK - BRICK MORTAR - WIRE NETTING
METAL LATH - PLASTER BOARD
Distributors for
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CERTAIN-TEED ROOFING PRODUCTS

BIDS WANTED
On building of 200 SINGLE FAMILY FRAME HOUSES, standard construction, located in SAN JOAQUIN VALLEY. Plans and Specifications available upon request to:
MR. BELL
310 MASON BUILDING FRESNO, CALIF.

For
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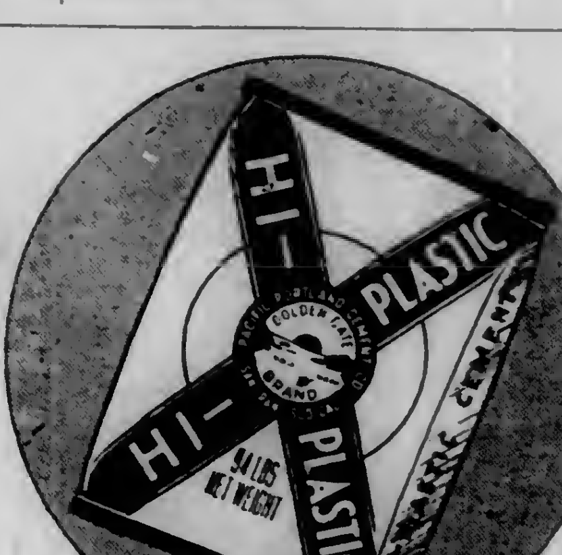

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TRUSSES
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INCORPORATED
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San Francisco 4, Calif.
YUkon 0407

BIDS WANTED
On building of 48 SINGLE FAMILY HOMES, STANDARD CONSTRUCTION, located in MADERA. Plans and Specifications available upon request to:
MR. BELL
310 MASON BUILDING FRESNO, CALIF.

NATIONAL EXPANSION JOINT CO.
MANUFACTURER AND DISTRIBUTOR
FIBER BOARD—FELT-SIDED ASPHALT AND REDWOOD EXPANSION JOINT FILLERS
DISTRIBUTOR
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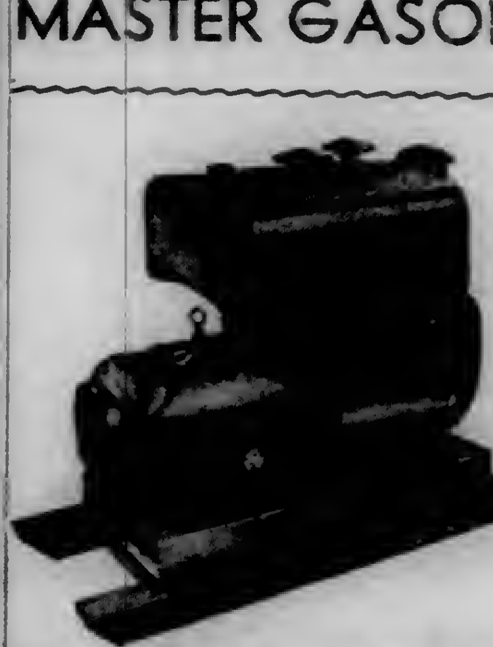
SEALZ—Expansion Joint Sealing Compound
Complies With
Federal Specifications SS-F-336
FOR CONCRETE CONSTRUCTION
333 Seventh St. UNderhill 7172 San Francisco 3, Calif.

MASTER GASOLINE GENERATORS



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Generate Your Own
Electricity Right on Job
AVAILABLE STOCK
FOR RENT OR SALE
KERR EQUIPMENT COMPANY
160 Tenth St. Corner of Natoma SAN FRANCISCO Ph. MArket 1651

ADVANCE CONSTRUCTION REPORTS

3/18/46 • • 15
BIDS WANTED
SAN FRANCISCO.—Until April 3, 2:30 P. M., bids will be received by the Department of Public Works, Room 282, City Hall, under Job 505 for interior and exterior painting of San Francisco Fire Department engine No. 36—3736 Sacramento St.

Specifications obtainable from City Architect Dodge A. Riedy, City Hall, upon deposit of $5.00.

3/18/46 • 15
PREPARING PLANS
CITY HALL ADDN. Cost, $35,000
COALINGA, Fresno County, Calif.
Construction of addition to city hall.
Owner—City of Coalinga, City Hall, Coalinga.
Architects—Fred L. Swartz and Wm. G. Hyberg, Rowell Bldg., Fresno.

3/18/46 • 15
PREPARING PLANS
LIBRARY BLDG. Cost, $750,000
FRESNO, Fresno County, Calif.
Construction of county library bldg.
Owner — County of Fresno, Court House, Fresno.
Architects—Fred L. Swartz and Wm. G. Hyberg, Rowell Bldg., Fresno.

3/18/46 • • 16
BIDS WANTED—
TO CLOSE APRIL 2, 2:00 P. M.
INTERIOR PAINTING, ETC.
TUCSON, Ariz. U. S. Post Office and Court House.
Interior painting and misc. repairs.
Owner—Federal Works Agcy., Public Bldgs. Admin., office of the Dist. Engr., 838 U. S. Appraiser's Bldg., San Francisco.

Specifications obtainable from the above office of the District Engineer or from the Custodian of the building at Tucson.

3/18/46 • • 16
BIDS WANTED—
TO CLOSE APRIL 24, 2 P. M.
ALTER ELEVATOR DOORS
YAKIMA, Wash. U. S. Post Office and Court House.
Alterations to passenger elevator hoistway doors.
Owner—Federal Works Agcy., Public Bldgs. Admin., office of the Dist. Engr., 838 U. S. Appraiser's Bldg., San Francisco.

Specifications obtainable from the above office of the District Engineer or from the Custodian of the building at Yakima.

3/18/46 •• 15
CORRECTION
PARTITIONS, ETC.
SAN FRANCISCO. Appraiser's Bldg.
Construction of movable cement asbestos panel partition and acoustical treatment, etc., at U. S. Appraiser's Bldg.
Owner—Federal Works Agency, Public Buildings Administration, office of the district engineer, 838 U. S. Appraiser's Bldg.
Low Bidder — Patrick M. Sofarelli, 20337 Anita Ave., Hayward, $5332.
Complete bids were:
Patrick M. Sofarelli, $5332.
Charles E. Wait, $5350.
Metropolitan Construction, $5354.40.
Adam Arras & Son, $5395.
Fred J. Early & Co., $5646.
Mr. Sofarelli's bid was incorrectly **reported March 14 as $5382.**

3/18/46 •• 17
PREPARING PLANS
COUNTY JAIL BLDG. Cost $300,000
HANFORD, Kings County, Calif.
Construction of county jail building.
Owner—County of Kings, Courthouse, Hanford.
Architects—Fred L. Swartz and Wm. G. Hyberg, Rowell Bldg., Fresno.

18-19—RELIGIOUS BLDGS. BUILDINGS

3/18/46 • 19
PREPARING PLANS
HOSPITAL Cost, $200,000
TRACY, San Joaquin County, Calif. **W. Eaton Ave.**
Construction of 40-bed hospital building.
Owner—Tracy Community Memorial Hospital, C. E. Ritter, general chairman, Tracy.
Architects—Fred L. Swartz and Wm. G. Hyberg, Rowell Bldg., Fresno.

3/18/46 19
PREPARING PLANS
DINUBA, Tulare County, Calif.
Construction of church building.
Owner—Dinuba Christian Church.
Architects—Fred L. Swartz and Wm. G. Hyberg, Rowell Bldg., Fresno.

3/18/46 19
PREPARING PLANS
CHURCH Cost, $35,000
SANGER, Fresno County, Calif.
Construction of church building.
Owner—Sanger Presbyterian Church, Sanger.
Architects—Fred L. Swartz and Wm. G. Hyberg, Rowell Bldg., Fresno.

20-21—SOCIAL AND RECREATIONAL BLDGS.

3/18/46 •• 20
STARTING WORKING DRAWINGS
REMODEL CLUB Est. Cost, $100,000
SACRAMENTO, Sacramento County, Calif.
Remodeling and some additions to Del Paso Country Club.
Owner—Del Paso Country Club.
Architect — Herbert E. Goodpastor, Mitau Bldg., Sacramento.

3/18/46 • • 20
BOND ELECTION
SWIMMING POOL Cost, $75,000
SAN ANSELMO, Marin Co., Calif. East and adjacent to playground of Red Hill School on Sir Francis Drake Blvd.
Construction of War Memorial swimming pool.
Owner—San Anselmo city council, City Hall, San Anselmo.

The City Council will decide on a date next week on a proposal to issue bonds in amount of $30,000 to finance above construction.

3/18/46 • • 20
ARCHITECT SELECTED
SWIMMING POOL
SONORA, Tuolumne Co., Calif. Columbia School.
Construction of swimming pool (45x 75-ft.) containing a modern water circulating sys., under-water lighting, water purification plant, showers and dressing room facilities.
Owner—Sonora School District, Alan Denison, county superintendent of schools, Sonora.
Architect—Elmore C. Ernst, 561 East Harding Way, Stockton.

Preliminary work on the site is scheduled to start immediately.

3/18/46 • 20
TO START WORK
RECREATION CENTER
Estimated Cost, $100,000
MODESTO, Stanislaus County, Calif. Property (75x140 ft.).
Construction of 12-alley bowling recreation center.
Owners—Mr. and Mrs. Harry Wells, Wellesley Way and Carla Ave., Modesto.

Construction will be started at once.

3/18/46 • 21
PLANNED
MOVIE THEATER
WILLOWS, Glenn County, Calif.
Construction of modern stadium-type theater to seat 1000 persons.
Owner—Naify Bros., c/o Ed Kersey, manager of Rialto Theater, 228 W. Sycamore St., Willows.

3/18/46 •• 21
BIDS OPENED
THEATER
FAIRFAX, Marin County, Calif.
Construction of new theater building.
Owner—Blumenfeld Theaters, 25 Taylor St., San Francisco.
Architect—Vincent G. Raney, 233 Post St., San Francisco.
Low Bidder—Central California Construction Co., 116 Erie St., San Francisco, $68,987.
Other bidders were:
Moore & Roberts, San Francisco, $74,500.
A. J. Hopper Co., San Francisco, $75,266.
De Luca & Son, San Francisco, $77,492.
Ellingson & Mitchell, San Francisco, $83,934.
Bids held under advisement.

22-26—RESIDENTIAL BUILDINGS

3/18/46 •• 26
BIDS WANTED
HUNGRY HORSE PROJECT. Montana.—Until April 4, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Kalispell, Mont., under Spec. 1238 for construction of 25 duplex cottages at Hungry Horse Project government camp, Hungry Horse Project, Montana. The work is situated about 8 miles east of Columbia Falls, Mont.

The work involves:
(1) 1600 cu. yds. excavation, all classes;
(2) 160 cu. yds. concrete;
(3) construct 25 type 3 duplex cottages.

No charge to prospective bidders for copies of the specifications and drawings; to others, $2 per copy, not returnable.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo.; R. J. Newell, regional director, P. O. Box 937, Reclamation Bldg., Fairgrounds, Boise, Idaho; Paul A. Jones, project engineer, P. O. Box 710, Kalispeel, Mont., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the project engineer.

3/18/46 •• 26
TO START WORK
RESIDENCES
MOUNTAIN VIEW, Santa Clara Co., Calif.
Construction of residences with garages for $10,500 on Middlefield Rd. at 2016, 2032, 2048, 2064, 2080; on Byron St. at 2031, 2047, 2063, 2081; at 675 Santa Rita Ave, and at 655 Santa Rita, for $12,500.
Owner—Ronald Williams, Mountain View.
Contractor—Emil G. Steinegger, 302 Myrtle Ave., Redwood City.

3/18/46 •• 26
TO START WORK
RESIDENCES
MOUNTAIN VIEW, Santa Clara Co., Calif.
Construction of residences and garages for $10,500 each at 756 and 757 Garland Dr.; for $8500 at 2598 Middlefield Rd., and for $8750 at 2586 Middlefield Rd.
Owner—Coastwise Construction Co.
Architect — W. E. Huson, 475 24th San Francisco.
Contractor—E. Cornblum, 2106 33rd Ave., San Francisco.

3/18/46 •• 24
PLANS COMPLETED
RESIDENCE Approx. Cost, $20,000
ATHERTON, San Mateo Co., Calif.
Construction of one-story frame and stucco residence (8 rooms, 3 baths).
Owner—Robert E. Bowen.
Plans by Merryman & Lane, associate designers, 443 San Mateo Ave., San Bruno.

Plans will be figured by a selected contractor, Fjeldheim & Bowman.

3/18/46 • 25
TO START WORK
RESIDENCE Est. Cost, $7,500
SAN BRUNO, San Mateo Co., Calif. 437 Oak Avenue.
Construction of residence.
Owner and Builder—Lloyd Curtiss, 534 Hazel Ave., San Bruno.

3/18/46 • 23
TO START WORK
APT. HOUSE Est. Cost, $40,000
WATSONVILLE, Santa Cruz County, Calif. 20 Beach Street.
Construction of apartment house.
Owner and Builder—T. H. Rosewall, Route 1, Box 539, Watsonville.

3/18/46 •• 24
PLANS COMPLETED
RESIDENCE Est. Cost, $20,000
ATHERTON, San Mateo Co., Calif.
Construction of one-story frame and stucco residence (8 rooms, 3 baths).
Owner—Arher Zanloch, c/o architect.
Plans by Merryman & Lane, associate designers, 443 San Mateo Ave., San Bruno.

Plans will be figured by a selected contractor, Fjeldheim & Bowman.

3/18/46 •• 26
WORK UNDER WAY
RESIDENCES Est. Cost, $120,000
MILL VALLEY, Marin County, Calif. Blithedale.
Construction of 11-unit project, residences, three $10,000 homes to be completed first, four $15,000 homes and remodeling of the Bernard home to be converted into two apartments ($15,000).
Owner—Milland Development Co., c/o Louis Cohen, 605 Market St., San Francisco.

3/18/46 • 25
BIDS WANTED
MINIDOKA PROJECT, Idaho.—Until April 8, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Burley, Idaho, under Spec. 1216 for construction of two 4-room residences at Minidoka Dam, Minidoka Project, Idaho.

The work involves:
(1) 600 cu. yds. excavation, all classes
(2) 70 cu. yds. concrete;
(3) construct two type 7 4-room residences.

No charge to prospective bidders for copies of the specifications and drawings; to others, $2.75 per copy, not returnable.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo.; R. J. Newell, regional director, P. O. Box 937, Reclamation Bldg., Fairgrounds, Boise, Idaho; S. R. Marean, superintendent, Burley, Idaho, and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the superintendent.

3/18/46 • • 22
PLANS COMPLETED
MOTEL Cost, $80,000
NEWMAN, Stanislaus County, Calif.
Construction of motel building.
Owner—Carl Auerso.
Architect—G. N. Hilburn, 1211 K St., Modesto.

Plans have been completed and turned over to the owner.

3/18/46 • • 26
PLANNED
RESIDENCES
REDWOOD CITY, San Mateo Co., Calif. University Addn., Santa Cruz Murray and Sherman Avenues.
Construction of 40 residences.
Owner and Builder—Gawley Q Deuprey, 2601 El Camino Real, Redwood City.

3/18/46 • • 24
STARTING WORKING DRAWINGS
RESIDENCE Approx. Cost, $20,000
CARMEL, Monterey County, Calif.
Construction of residence.
Owner—Withheld.
Architects — Mendelsohn, Dinwiddie & Hill, 233 Sansome Street, San Francisco.

3/18/46 • 24
PLANS COMPLETED
RESIDENCE Est. Cost, $20,000
ATHERTON, San Mateo Co., Calif.
Construction of one-story frame and stucco residence (8 rooms, 3 baths)
Owner—Archer Zanloch, c/o Arch.
Plans by Merryman & Lane, Associated Designers, 443 San Mateo Ave., San Bruno.

Plans will be figured by a selected contractor, Fjeldheim & Bowman.

27—TRANSPORTATION BUILDINGS

3/18/46 •• 27
PLANNED
AIRPORT
FALL RIVER MILLS, Shasta Co., Calif.
Construction of commercial aifield.
Owner — J. M. Dunbar, Fall River Mills.

Grading and leveling operations have started and one takeoff and landing stip will be ready for planes by June 15.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Water Supply and Sewage Disposal Plants 31-32
Bridges 33
Dams, Reservoirs and Dredging 34
Docks, Piers & Harbors........ 35
Parks, Airports and Playgrounds 36
Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways........ 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

3/18/46 • 31
BIDS WANTED
GRAND COULEE, Wash.—Until March 26, 8 P. M., bids will be received by the Town of Grand Coulee, Blanche W. Keyes, town clerk, Town Hall, Grand Coulee, for construction of water system improvements; cost $105,000.

Specifications obtainable from the office of Civil Engineers Parker & Hill, 2021 Smith Tower, Seattle, upon deposit of $10.

3/18/46 • 32
BIDS WANTED
GRANDVIEW, Wash.—As previously reported, until March 26, 8 P. M., bids will be received by the City of Grandview, City Hall, for construction of sewage treatment plant for City of Grandview.

Plans obtainable from Consulting Engineer James W. Carey & Associates, Alaska Trade Bldg., Seattle, upon deposit of $10.

The following contractors have taken out plans:
Halvorson Construction Co., First National Bank Bldg., Salem, Ore.
Roy Bair, 1220 Ide Ave., Spokane.
Central California Construction Co., 116 Erie St., San Francisco.
Nettleton & Baldwin, 1109 N. 36th, Seattle.
C. E. Philip, 417 E. Pine, Seattle.
Hall-Atwater Co., 913 Arctic Bldg., Seattle.
Doolittle Construction Co., Empire Bldg., Seattle.
James Construction Co., Arctic Bldg., Seattle.
Reynolds Plumbing Co., 110 Railroad Ave., Kent, Wash.
H. D. Fowler Co., 558 1st Ave. S., Seattle.
Hugh Purcell Co., 223 Coleman Bldg., Seattle.

33—BRIDGES

3/18/46 •• 33
TO ASK BIDS
CONTRA COSTA COUNTY, Calif.—The Contra Costa County Board of Supervisors, Hall of Records, Martine, will advertise for bids shortly for construction of a $15,000 bridge between San Pablo and Rollingwood on the proposed connecting road between San Pablo and the Dam Rd.

Plans by County Surveyor Joseph W. Barkley.

34—DAMS, RESERVOIRS & DREDGING

3/18/46 • • 34
BIDS POSTPONED
CENTRAL VALLEY PROJECT.—Until April 18, 10 A. M. (postponed from April 8), bids will be received by the United States Bureau of Reclamation, Walker R. Young, chief engineer, Antioch, Calif., under Specification 1183 for the construction of Delta-Mendota Canal, stations 686 to 1365, and Westley wasteway, Delta Division, Central Valley Project, California. The work is situated in the vicinity of Patterson, Calif.

The principal items of work and the estimated quantities involved are as follows:

Schedule No. 1
Station 686 to Station 1365
(1) 2,800,000 cu. yds. excavation for canal, unclassified;
(2) 100,000 sta. cu. yds. overhaul;
(3) 350,000 cu. yds. compacting embankments;
(4) 40,000 cu. yds. excavation for drainage channels;
(5) 45,000 cu. yds. excavation for structures;
(6) 27,000 cu. yds. backfill;
(7) 24,000 cu. yds. compacting backfill;
(8) trimming 844,000 sq. yds. foundation for concrete lining;
(9) 11,100 cu. yds. concrete in structures;
(10) 47,000 cu. yds. concrete in unreinforced canal lining;
(11) 47,000 cu. yds. concrete in reinforced canal lining;
(12) placing 1,760,000 lbs. reinforcement in structures;
(13) placing 3,000,000 lbs. reinforcement in canal lining;
(14) 1500 sq. yds. dry-rock paving;
(15) placing 4600 sq. ft. elastic joint filler;
(16) placing 1500 lin. ft. rubber water stops;
(17) installing 255,000 lbs. gates and hoist;
(18) installing 58,000 lbs. miscellaneous metal work;
(19) installing 250 lin. ft. electrical metal conduit;
(20) installing 200 lbs. electrical conductors;
(21) constructing 40 cattle guards;
(22) placing 900 lin. ft. 15-in. precast pipe;
(23) placing 100 lin. ft. 18-in. precast pipe;
(24) placing 50 lin. ft. 24-in. precast pipe;
(25) erecting 510 M ft. b.m. timber in bridges.

Schedule No. 2
Westley Wasteway
(1) 193,000 cu. yds. excavation for wasteway channel;
(2) 33,000 cu. yds. excavation for structures;
(3) 100,000 cu. yds. of backfill for wasteway channel;
(4) 13,000 cu. yds. backfill for structures;
(5) 20,000 cu. yds. compacting embankment along wasteway;
(6) 4000 cu. yds. compacting backfill;
(7) trimming 105,000 sq. yds. foundation for lining;
(8) 3100 cu. yds. concrete in structures;
(9) 21,000 cu. yds. concrete in wasteway lining and sidewalls;
(10) placing 2,400,000 lbs. reinforcement steel;
(11) installing 130,000 lbs. of structural steel;
(12) installing 11,500 lbs. miscellaneous metal;
(13) installing 700 sq. ft. elastic joint filler;
(14) erecting 65 M ft. b.m. timber in bridges;
(15) placing 100 lin. ft. 18-in. precast pipe;
(16) placing 20 lin. ft. 24-in. precast pipe.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo.; R. L. Boke, regional director, Old Post Office Bldg., 7th and K Sts., Sacramento 14, Calif.; O. G. Boden, construction engineer, Antioch, Calif., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the construction engineer.

No charge to prospective bidders for copies of the specifications and drawings; to others, $2.50 per copy, not returnable.

3/18/46 •• 34
BIDS POSTPONED
CENTRAL VALLEY PROJECT.—Until April 8, 10 A. M. (postponed from March 27), bids will be received by the U. S. Bureau of Reclamation, Walker R. Young, Chief Engineer, Friant, Calif., under Spec. 1178 for construction of Friant-Kern Canal stilling basin, Cottonwood Creek Bridge, Friant Dam landscape area improvements, Friant Division, Central Valley Project. Work is located about 1.5 miles northeast of Friant.

Work involves:
(1) 400 c.y. common excavation for structures;
(2) 2,600 c.y. rock do;
(3) 190 c.y. excavation, concrete;
(4) 2,200 c.y. all classes excav. for pipe trenches;
(5) 320 s.y. chipping and roughening concrete surfaces;
(6) 13,000 c.y. backfill;
(7) 13,000 c.y. compacting backfill;
(8) 800 c.y. embankment;
(9) 400 c.y. riprap;
(10) constructing 860 l.f. 12-in. diam. split-sewer pipe drains with cemented joints;
(11) constructing 900 l.f. 12-inch do with uncemented joints;
(12) constructing 80 l.f. 24-in. diam. sewer-pipe drains with cemented joints;
(13) drilling 1,600 l.f. holes for anchor bars and grouting bars in place
(14) 130 c.y. concrete in outlet valve structure;
(15) 3,000 c.y. concrete in floor and wall footings of stilling basin;
(16) 2,100 c.y. concrete in walls of stilling basin;
(17) 180 c.y. concrete in bridge struc.
(18) 20 c.y. concrete in septic tanks;
(19) 90 c.y. concrete in water tanks;
(20) 260 c.y. concrete in rest-houses;
(21) constructing three rest houses, except concrete;
(22) 54,000 s.f. vacuum concrete process for floor and inside surfaces of walls of stilling basin and transition;
(23) placing 580,000 lbs. reinf. bars;
(24) 1,000 s.y. grouted paving gutters
(25) 90 l.f. gravel backfilled gutters
(26) installing 5,000 lbs. misc. metal-
(29) placing 1,850 l.f. rubber water work;
(27) constructing 3 M ft. b.m. timber railings;
(28) placing 250 s.f. elastic joint filler stop;
(30) installing 4,500 lbs. of standard metal pipe, fittings and valves;
(31) laying 150,000 lbs. cast iron pipe
(32) 5 c.y. rubble masonry;
(33) laying 100 l.f. clay sewer pipe with poured joints;
(34) laying 2,400 l.f. drain tile em-

(Continued on Page Four)

LOS ANGELES RIVER IMPROVEMENTS

LOS ANGELES, Calif.—As previously reported, E. B. Bishop, Box 325, Orland, at $759,613.70 submitted low bid to the U. S. District Engineer's Office, 751 S. Figueroa St., Los Angeles, for construction of Los Angeles River improvements, North Broadway to Alhambra Ave., river mile 23.5 to river mile 22.9, Los Angeles; Serial 148.

The project involves the construction of 3300 lin. ft. of river channel improvement and appurtenant work. The channel improvement consists of construction of reinforced concrete paving on the slopes of the riverbank, with parapet walls and berm paving at the top. Concrete pier extensions will be built for the Spring St. and Main St. bridges. Other work includes the construction and removal of a temporary railroad embankment; replacement of wooden subdrain riser hoods in the invert with cast iron hoods; construction of fencing on channel walls, and the installaton of corrugated metal pipe drains with appurtenant concrete outlet structures. Principal features of the work include: Clearing site and removing obstructions; excavating and backfilling; driving steel sheet and steel bearing piles; constructing reinforced concrete slope paving, berm, walls and pier protection; side drainage structures and pipe and fencing.

The bids will be taken as follows:
(1) lump sum, clearing site and removing obstructions;
(2) 128 lin. ft. pulling or cutting off steel sheet pile wall;
(3) 125,000 cu. yds. channel excavation;
(4) 1270 cu. yds. structure excavation;
(5) 41,000 cu. yds compacted backfill and fill;
(6) 100 cu. yds. uncompacted backfill and fill;
(7) 7300 cu. yds. crushed gravel or crushed rock backing;
(8) 200 cu. yds. gravel in pockets and drains:
(9) 300 cu. yds. temporary railroad embankment;
(10) 13,900 lin. ft. steel bearing piles, vertical;
(11) 10,800 lin. ft. steel bearing piles, batter;
(12) 100 each, splicing steel bearing piles;
(13) 6600 sq. ft steel sheet piling;
(14) 6450 lin. ft. channel fencing;
(15) lump sum, pressure grouting;
(16) 12,400 cu. yds. concrete slope paving;
(17) 2700 cu. yds. concrete footings for walls and pier extensions;
(18) 2800 cu. yds. concrete walls and pier extensions;
(19) 550 cu. yds. concrete berm paving and misc. structures;
(20) 1,900,000 lbs. steel reinforcement bars;
(21) 6500 lbs. steel reinforcement fabric;
(22) 2250 each expansion joint sleeves
(23) 250 each cinch anchors;
(24) 20 each subdrain hoods;
(25) 14 lin. ft. 12-in. corrugated metal pipe;
(26) 14 lin. ft. 15-in. same;
(27) 17 lin. ft. 18-in. same;
(28) 40 lin. ft. 24-in. same;
(29) 48 lin. ft. 36-in. same;
(30) 24 lin. ft. 54-in. same;
(31) 1 15-in. automatic drainage gate;
(32) 1 18-in. same;
(33) 2100 lbs. misc. metal work;
(34) 27,200 bbls. portland cement;
(35) 38,000 tons salvaging and placing derrick stone;
(36) 115,000 ton miles hauling derrick stone;
(37) 2000 sq. ft. ¼-in. fiber expansion joint filler;
(38) 450 sq. ft. ½-in. fiber expansion joint filler;
(39) 20,000 sq. ft. 1-in. fiber expansion joint filler;
(40) 823 each, caps for steel bearing pile.

Total bids were:
(A) E. B. Bishop, Orland, $759,613.70.
(B) Morrison-Knudsen Co., Los Angeles, $837,225.20.
(C) Guy F. Atkinson Co., Long Beach $845,385.
(D) Bressi & Bevanda Constructors, Los Angeles, $900,702.65.
(E) Basich Bros., Alhambra, $1,030,256.50.
(F) E. W. Elliott, San Francisco, $2,287,212.75.
(G) Government estimate, $678,227.85.

Unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)........	$8,000.00	$5,000.00	$7,000.00	$10,000.00	$15,000.00	$15,000.00	$22,529.47
(2)........	1.50	2.55	2.50	2.30	2.70	2.00	2.44
(3)........	.75	.90	.95	1.00	.80	1.60	.65
(4)........	2.75	3.15	3.75	3.15	3.50	8.00	2.79
(5)........	.70	1.65	1.40	.63	1.80	1.50	.52
(6)........	.40	1.65	1.00	.63	.70	1.00	.42
(7)........	3.10	3.80	3.00	3.59	2.00	3.50	3.13
(8)........	14.00	5.75	5.00	4.41	9.00	4.00	4.60
(9)........	1.10	3.20	2.00	1.26	1.25	3.00	1.77
(10)........	3.10	2.85	3.00	3.20	3.30	5.20	3.19
(11)........	3.80	3.35	3.50	3.95	4.20	7.00	3.55
(12)........	5.50	25.00	15.00	5.50	6.25	40.00	8.90
(13)........	1.65	1.80	1.65	1.95	2.10	5.00	2.17
(14)........	.65	.80	.75	.65	.75	3.00	.92
(15)........	250.00	300.00	472.00	756.00	2,500.00	10,000.00	500.00
(16)........	10.50	9.15	10.00	10.25	14.00	16.00	9.04
(17)........	11.50	10.00	10.60	14.40	26.50	30.00	9.84
(18)........	30.00	35.00	45.00	43.50	50.00	45.00	19.96
(19)........	15.00	35.00	26.00	28.00	40.00	30.00	19.40
(20)........	.05	.063	.06	.061	.06	.08	.053
(21)........	.11	.131	.12	.125	.12	.10	.16
(22)........	1.00	1.00	1.50	95	1.00	.60	.68
(23)........	1.25	1.90	2.50	1.89	2.25	20.00	1.42
(24)........	110.00	150.00	250.00	150.00	145.00	200.00	167.19
(25)........	2.60	2.90	2.50	4.00	5.60	2.50	3.10
(26)........	2.95	3.40	3.00	5.00	5.80	3.00	3.86
(27)........	4.00	3.80	4.00	6.00	6.96	3.25	5.08
(28)........	5.00	6.35	6.00	8.00	8.80	4.50	6.34
(29)........	11.00	12.00	11.00	12.00	14.50	7.00	13.76
(30)........	16.00	18.85	20.00	25.00	20.00	15.00	22.81
(31)........	50.00	60.00	65.00	100.00	50.00	35.00	60.93
(32)........	60.00	80.00	75.00	125.00	85.00	40.00	72.08
(33)........	.40	.40	.30	.50	.20	.50	.51
(34)........	2.05	2.55	2.25	2.58	2.90	2.60	2.30
(35)........	1.50	.77	.60	1.51	1.60	2.00	.60
(36)........	.15	.17	.15	.25	.20	.15	.08
(37)........	.20	.45	.20	.20	.10	.10	.14
(38)........	.25	.50	.30	.30	.15	.15	.22
(39)........	.30	.58	.35	.50	.28	.25	.28
(40)........	8.00	5.20	10.00	8.25	9.50	2.00	5.71

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TIMBERS, wallboards, plumbing, pipe, millwork, and other building materials. SALE PRICES. Large stocks of "hard to get" items.
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3 HIGH PRESSURE H.R.T. BOILERS, in operation now. Phone SUtter 1081. (3/15-18-19-20-21)

Surplus Equipment: Excellent condition: 1938 WHITE FLATBED LBR TRUCK, 5-ton, 1943 motor; 1930 KLEIBER FLATBED TRUCK (needs motor); 1 NOVO WATER PUMP, serial P-16870; 1 HYSTER TOWING WINCH for D-6 Cat. Peninsula Pacific Constr. Co., Spring and Chestnut, Redwood City. Phone Redwood 1722. (3/13-14-15-18-19/46)

DINING ROOM BUFFET, all gum, 7 drawers and dish cabinet. Price $50. Phone RA. 5091. to Mar. 18, '46

FOR RENT

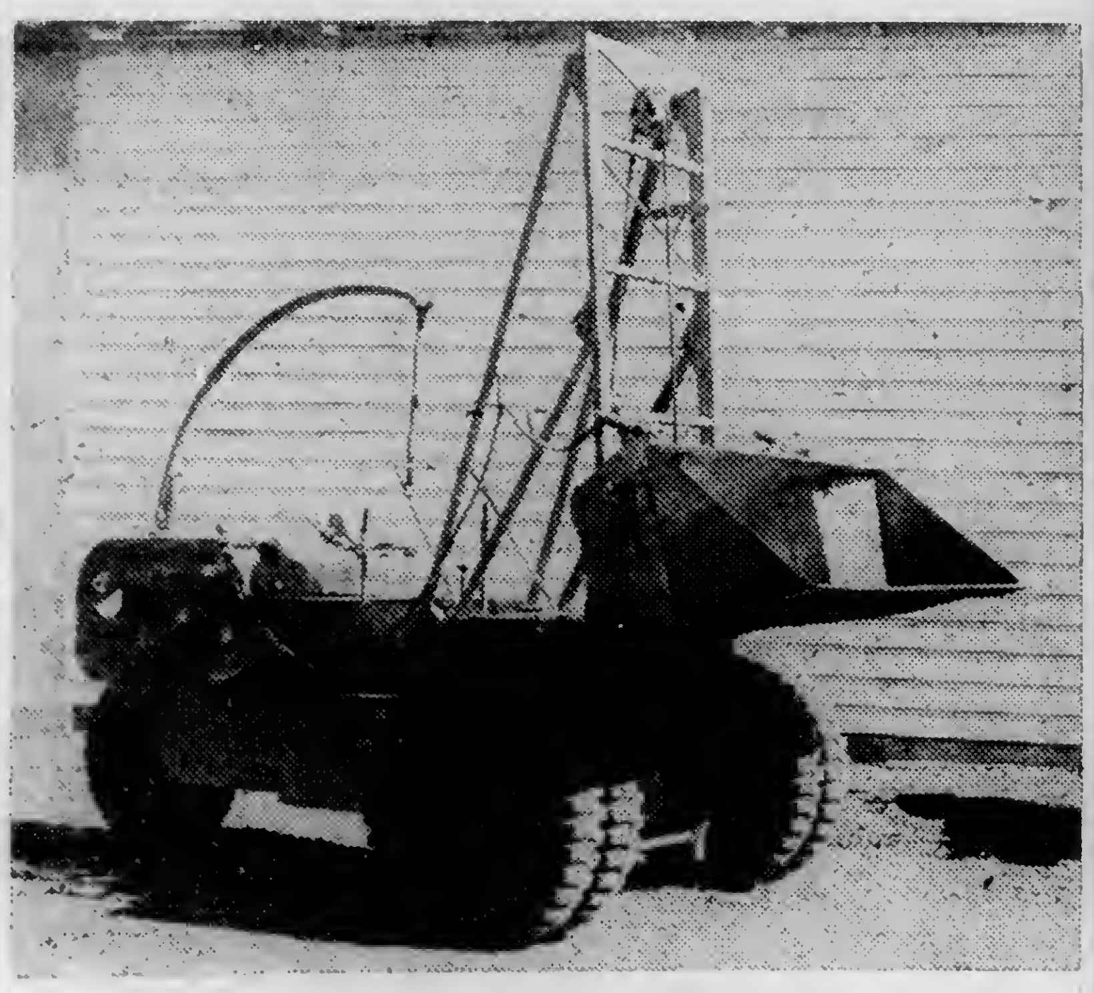
D 8 CATERPILLAR TRACTOR with double drum power unit and buildozer, with or without operator. Phone MI. 4520. to Mar. 18, '46

LUMBER HANDLING EQUIPMENT: CARRIERS, STACKERS, TRUCKS. Call Mac, Pacific Carriers. Oakland. KE 4-1651.

WANTED

WORK FOR D 8 TRACTORS, CARRYALLS and TERRA COBRAS. Phone Stockton 66639. tf

LOCOMOTIVE CRANE, DIESEL-POWERED, STANDARD GAUGE, 40 to 50 FT. BEAM, WITH OR WITHOUT MAGNET. A. D. Schader, 144 Spear St., San Francisco. Phone DO. 4577. to Mar. 22, 1946



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Building Permits, Contracts---Recorded Notices

BUILDING PERMITS Applications

SAN FRANCISCO

ALTER dwelling, $1830; 496 Monterey Blvd; owner, Mrs E Lohmeyer premises; contractor, Fred Golben, 3856 California Street.

ALTER store and flat, $1000; 2308 Lombard St; owner, Vira Goldman, 5 North View Court; contractor, L K Lewis, 4511 19th St.

ALTER flats, $917; 362 Mississippi; owner, J Martinez, c/o cntr; contractor, Ira W Coburn, 2048 Market Street.

ALTER potrait studio, $800; 520 Geary St; owner, St Francis Arms Hotel, prem; contractor, Ray Allison, 540 30th Ave.

ALTER restaurant, $800; 1606 Post St; owner, Annie Abenojar, prem; contractor, Rex Cabinet Shop, 1315 Minna Street.

ALTER dwelling, $600; 2532 Kirkham St; owner, Wm Swanton, c/o cntr; contractor, Fred J Early Jr Co, 369 Pine St.

ALTER barber shop, $500; 750 Sutter St; owner, Canterbury Hotel, premises; contractor, John Casty & Son, 30 Alviso St.

ALTER dwelling, $500; 3211 Baker; owner, L A Colton, prem; contractor, A J Stahl, 1085 Monadnock.

ALTER dwelling, $500; 34 Shore View; owner, J H Beeman, prem; contractor, Hocking's Service, 2216 Clement St.

GARAGE AND SALES ROOM, $40,000; 3030 Mission St; owner, Jess Lanning, prem; architect, William Mooser, 251 Kearny St.

ALTER GARAGE, $30,000; 36 Battery St; owner, Commercial Center Garage, prem; builder, Cahill Bros, 206 Sansome St.

ALTER FOOD PROCESSING, $15,000; 1516 Folsom; owner, ET 60 Corp, 1201 Howard St; builder, Barrett & Hilp, 918 Harrison; architect, Weldon Smith, 1045 Sansome.

ALTER FACTORY, $10,000; 900 North Point St; owner, D Ghirardelli Co, prem; architect, William Mooser, 251 Kearny St.

2-STORY FRAME FLATS (2), $9000 each; E 17th Ave 357.5, 382.5 N Judah; owner and builder, United Housing Corp, 2710 Judah.

ALTER STORE, $8000; SW Washington and Fillmore; owner, Hattie Hausmann, 251 eKarny; not let.

DWELLING (1-story frame), $8000; W 26th Ave 200 S Lawton; owner, T V Cradock, c/o contractor; builder, James C Duerner & Son, 63 Belle Ave.

DWELLING (1-story frame), $8000; W 26th Ave 200 S Lawton; owner, T V Cradock, c/o contractor; builder, James C Duerner & Son, 63 Belle Ave.

DWELLING (1-story frame), $7000; NE Oakdale 100 W Keith; owner and builder, Valaris & Valaris, 405 Montgomery St.

PORTRAIT STUDIO (1-story frame) $7000; E Mission 75 S Guttenberg; owner and builder, J M Waldron, 56 Dublin St.

DWELLING (1-story frame), $6000; E 36th Ave 75 N Ortega; owner and builder, Rude & Lipman, 2 Willard St.

DWELLINGS (1-story frame) (3), $5000 each; E Manor Dr 85, 35, 135 N Kenwood Way; owner, Rasmussen-Traner Builders, Inc, 2320 Chestnut St; builder, V Rasmussen, 3839 Divisadero; architect, J Lloyd Conrich, 593 Market St.

DWELLINGS (1-story frame) (4), $4950 each; W Corbett 76, 101, 126, 151 S Golding Alley; owner and builder, Grace Perego, 132 Sutter.

ALTER GARAGE, $3000; S Post 137.6 W Jones; owner, L Samuels, c/o architect; builder, D & J Sullivan.

ALTER DORMITORIES, $3000; 2130 Fulton; owner, University of San Francisco, prem; day work.

ALTER DWELLING $2500; 1306 Gillman St; owner, Mr Allione, c/o contractor; builder, Ira W Coburn, 2048 Market St.

ALTER DWELLING, $2000; 2718-20 Webster St; owner, E M Whipple, prem; day work.

BUILDING PERMITS Granted

SAN FRANCISCO

MARCH 13, 1946

PLASTER exterior, paints, etc. warehouse, $1500; S Shipley 55 W 4th St; owner, Land Development Co; contractor, Mills Constr Co, 605 Market St.

REPAIR fire damage to warehouse, $2500; 3040 Geary Blvd; owner, Wissman's Grocery; contractor, Mills Constr Co, 605 Market.

INSTALL plate glass, new door, cash in front of store, $1000; 2248 Lane St; owner and contractor, Fred Filippo.

LIGHT mfg bldg, 1-story frame, $10-000; E Folsom 50 S 14th St; owner, L H Price; contractor, Wagner & Martinez, 181 South Park.

BLDG, 1-story frame, $8000; W Valencia 335 S Tiffany; owner, C R Haley; architect, Ed Cooney, Sutter Hotel; contractor, T J Broderick, 1528 Cypress Ave, Burlingame.

ALTER apts into medico-dental bldg $10,000; SW Cor Post and Scott; owner, Dr Lipsett; architect, Heiman & Pollack, 605 Market Street; contractor, Mills Constr Co, 605 Market St.

FURNISH and install metal block letters on top of canopy of tavern, $1750; 210 Jones St; owner, Mr Lekich; contractor, Brumfield Elec Sign Co, 965 Folsom St.

ADD ROOM in rear of residence, $1000; 1863 48th Ave; owner and contractor, A B Johnson.

ADD Sun porch to hotel, $2000; California and Mason Sts; owner, Mark Hopkins Hotel; contractor, Michel & Pfeffer Iron Works, 1415 Harrison St.

ADD two bedrooms and shower rm to dwelling, $800; 1520 Cole St; owner and builder, Mr and Mrs Robt Stevenson.

CLOSE-IN back porches and rebuild back stairs of flats, $1280; 2854 Bush St; owner, Mrs Boyer; contractor, Victor L Peterson, 16 Hill St

MARCH 14, 1946

ADD enclosures to house cleaning unit and boiler of light industrial bldg, $3000; 984 Howard St; owner, The Goodwill Industries; contractor, Tom Cuthbertson, 430 Noriega St.

DWELLING, 2-story and basement, $11,000; W San Jose Ave 53.11½ N 25th St; owners, D J and Irene Witt; contractor, Oliver M Rousseau, 725 Tehama St.

ADD one room and bath to apt., office and garage, $2500; 2416 Market St; owner, Walter Rastefer; plans by owner; contractor, Moore & Madsen, 365 Dorantes Ave.

DWELLINGS, three 2-story frame, (1) at $11,000, (2) at $10,400 each; SW Cor Scott and Vallejo; W Scott 28.6. 59 S Vallejo; owner, Milton H Lees; contractor, Oliver M Rousseau, 725 Tehama St.

DWELLINGS, two 2-story frame, (1) at $12,400, (1) at $11,000; NW Cor 25th St and San Jose; W San Jose Ave 27.11½ N 25th St; owner, Robt Scharetg; contractor, O M Rousseau, 725 Tehama St.

DWELLING, two 2-story frame, $12,200 each; N Greenwich 100, 126 E Gough; owner and builder, Oliver M Rousseau, 725 Tehama St.

APT HOUSE, 3-family, $24,500; N Greenwich 155 W Leavenworth; owner, Elsie I Rousseau; builder, Oliver M Rousseau, 725 Tehama.

DWELLING, two 3-story frame, $24,500 each; four 2-story dwellings, $12,200 each; two 1-story fr dwellings, $8500 each; N Greenwich 185, 215 W Leavenworth; N Greenwich 152, 178, 204, 230 E Gough; S Clay 25, 51 W Maple St; owner, Milton H Lees; contractor, Oliver M Rousseau, 725 Tehama St.

STORES, 1-story frame, $10,990; NE Cor 45th Ave and Judah; owner, Ida M Cambridge; contractor, R B Hamill, 4124 Geary Blvd.

DWELLINGS, two two-story frame, $12,200 each; N Greenwich 282, 256 E Gough; owner, Milton H Lees; contractor, Oliver M Rousseau, 725 Tehama St.

STORE bldg, Class C, $38,000; N Post 177.6 W Larkin St; owner and builder, Larsen & Larsen, 629 Bryant St; plans by Ellison and King, 500 Sansome St.

LIGHT industrial bldg, Class C, $54,000; W 9th St 131.3 S Mission St; owner, Julius Harband; contractor W G Akard, 225 Cervantes Blvd; architect, Theo Ruegg; engineer, Hyman Rosenthal.

ADD three rooms and bath to residence, $2000; 707 46th Ave; owner, A A and Frances Samuelson; contractor, A R Samuelson, 707 46th Ave.

DWELLINGS, two 1-story frame, $6700, $6800; S Alemany Blvd 105, 130 SW Sickles; owner and builder S F Bldg & Mtce Co, 11 Mills Bldg.

DWELLINGS, two 1-story frame, $5-000 each; W 48th Ave 100, 125 N Noriega; owner and builder, E Vigen, 3000 Kirkham St.

REMOVE concrete lintel and raise rolling doors of warehouse, $2000; N 12th St bet Howard and Folsom; owner, American Can Co; plans by Fair Mrg Co; contractor, Larsen & Larsen, 629 Bryant St.

DWELLINGS, two 1-story frame, $6000 each; W St Charles 268.62, 243.62 N Belle Ave; owner, Alemany Constr Co; plans by B K Dobkowitz, 435 Monterey Blvd; contractor, Martie & McKinney, 4277 Mission St.

CEMENT exterior mouldings and clean front of loft, $500; 566 Commercial St; owner, Harold Wagner; contractor, Herman Bosch, 2075 Folsom St.

SOUTH SAN FRANCISCO

CONCRETE LAUNDRY BUILDING (50x100 ft), $20,000; Miller Ave; owner, Steve Eliades, 8 Grand Ave; builder, J Bettencourt, 422 San Anselmo Ave, San Bruno.

CONCRETE MERCANTILE BUILDING (50x100 ft.), $23,000; 469-471 Grand Ave; owner, Gagliani Bros, 477 Grand Ave; builder, J Bettencourt, 422 San Anselmo Ave, San Bruno; plans by Carl Zekarian, 1835 Broderick St, San Francisco.

ALTER FRONT OF BUILDING, $2000; 385 Grand Ave; owner, Mode O'Day Shop, 385 Grand Ave; builder, G P W Jensen & Sons; plans by Earl O Bertz.

CONCRETE BUILDING (45x75 ft), $17,000; Linden Ave; owner, Santini & Roccucci, 306 Grand Ave; builder, Antone Pianca.

OAKLAND

DWELLING, 1-story 5-room, $7,000; 1826 Woodhaven Way; owner, M J Hansen, 719 Alcatraz Ave; contractor, W V Bernard, 5815 Leona.

DUPLEX, 2-story 8-room, $11,000; 2715-19 Barry Pl; owner and contractor, Sol Scherman, 3805 Foothill Blvd.

DUPLEX, 2-story 8-room, $11,000; 2727-29 Barry Pl; owner and contractor, Sol Scherman, 3805 Foothill Blvd.

STORE, one-story 2-room concrete, $18,000; 8633-7 E 14th St; owner, Am Nom Lee, 2327 Market St; contractor, E Flener, 3866 Maybelle Ave; plans by H E Whittic, 561 Laurel St, Vallejo.

ALTER, $985; 1522 18th Ave; owner, Mr Martin, prem; contractor, F Puccetti, 4121 Lusk St.

STORE, 1-story, $9000; 8901 MacArthur Blvd; owner, R O Gilbert, 2003 E 14th St; contractor, Doty & Lockwood, 2003 E 14th St.

STORE, 1-story, $2500; storage shed 1-story, $1500; 2075 Mtn Blvd; owner and builder, C W Leekins, 1427 96th Ave.

STORE bldg, 1-story, $12,000; 7909-11 MacArthur; owner and builder, A B Reitz, 508 Stanford Ave; plans by W A Littlejohn, Orinda.

DWELLING, $3000; 19 Chandler; owner, Dan Malone.

DWELLINGS and garages and duplex, 2116-26-36 Normal, $6,000; 2146 Normal, $6000; duplex and garage, 2103 University, $9000; owner, Premier Home Bldrs.

ALTER store, $2000; 1820 Tulare; owner, Al Sterling Co; contractor, Stanley W Fugman.

ALTER meal plant and store, $3,000; 1234 F St; owner, Jack Ring; contractor, Elmer Penner.

SIGN, $900; Van Ness and Calaveras owner, McAlister's Firestone Store; contractor, Hamlin Neon Sign Co.

ALAMEDA COUNTY

ADDITION to commissary kitchen. WEST OAKLAND. S P Commissary
Owner—Southern Pacific Company.
Contractor—Stanley H Koller, 1694 Pomona St, Crockett.
Filed, March 14, 1946. Dated, ...
1st of each month........................75%
Usual 35 days...............................25%
TOTAL COST, $4,928.00
Bond, $4,928. Sureties, U. S. Guarantee Co. Limit, 75 calendar days. Plans and specifications filed.

Completion Notices

SAN FRANCISCO

Recorded Accepted

March 15, 1946—N 29 ft LOT 16 and S 2 ft lot 17 Blk 1136, Francisco Heights. Oliver M Rousseau, a corp, to whom it may concern..March 14, 1946

March 14, 1946—348-352-356-60-64-68 Winding Way. E J Turre and Co to Oliver Johnson........March 7, 1946

March 15, 1946—200, 208, 214, 220, 226, 232, 238, 244, 250 OLMSTEAD; 821-27 Goettingen. Frank Carraro to G Carraro & Sons..March 15, 1946

CONTRA COSTA COUNTY

Mar. 11, 1946—Lot 49 and ptn Lot 50, Block 40, Richmond Annex, Richmond. Frances E Armstrong to J R Armstrong..........Mar. 7, 1946

Mar. 11, 1946—Lot 3, Block 18, Original Survey of the Town of Martinez. Nick Pagnini to C M Tiegland..........Mar. 5, 1946

Mar. 12, 1946—Lot 16, Bolck 56, East Richmond Boulevard Tract, Richmond. Chris Gaub to same..........Feb. 24, 1946

Mar. 12, 1946—Described as Nos 1411 - 1413 - 1415 Macdonald Ave., Richmond. John Moore to R J Stempel..........Feb. 8, 1946

Mar. 12, 1946—South 50 ft Lot 5, Block 13, Boulevard Gardens, El Cerrito. Minnie Lou Eakin to whom it may concern....Mar. 9, 1946

Mar. 12, 1946—Ptn Lot 21, R N Burgess Co's Map No 1, MacDonough Subdivision near Walnut Creek. Arthur Mullins to whom it may concern..........Mar. 11, 1946

ALAMEDA COUNTY

Recorded Accepted

March 14, 1946—LOADING DOCKS Nos 4 and 5 at 5th and Kirkham Sts, Oakland. Southern Pacific Co to S H Koller..........March 7, 1946

March 14, 1946—LOTS 16, 17 Blk 45 and Lot 19 and ptn 20 Blk 42, Beverly Terrace, Oakland. T P Walker to whom it may concern..........March 11, 1946

Non-Responsibility

ALAMEDA COUNTY

March 15, 1946—LOT 20 and ptn Lot 19, Boulevard Terr, Oakland. B D Winship as to improvements on property.

Liens Filed

ALAMEDA COUNTY

Recorded Amount

March 14, 1946—2124 LOS Angeles Ave, Berkeley. Wayne K Davis vs Marcella T Berry..........$100.00

SAN FRANCISCO

Recorded Amount

March ...., 1946—1183-85 GREEN St. Monihan & Stauffacher vs Maryan B Ellis $448.20

Electrical Permits

SAN FRANCISCO

9854 2507 Pine St; owner, Crocker Home; contractor, Central Elec Co; alterations.

9855 2633 San Bruno Ave; owner, Jones; contractor, Star Elec Co; 13 outlets; 4 switches; 8 plugs; service.

9856 N Post 177.6 W Larkin St; owner, Larson & Larson; contractor, Hampton Elec; service.

9857 235 9th St; owner, Miehle Prtg Press Co; contractor, Hampton Elec & Mfg Co; 2 plugs; service.

9858-9 Various locations and owners; contractor, QRS Neon Company; signs.

9860 3125 16th St; owner, McBrides; contractor, O'Keeffe, The Fan Man; 2 plugs.

9861 763 Jackson; owner, Gum Yee Hong; contractor, O'Keeffee, The Fan Man; motors.

9862 170 Russ St; owner, C W Meyers; contractor, O'Keeffe, The Fan Man; motors.

9863 3140 Mission; owner, Mission Bowl; contractor, O'Keeffe, The Fan Man; ....

9864 3625 Sacramento St; owner, Vapor; contractor, O'Keeffe, The Fan Man; motors.

9865 240 Washington; owner, B & B; contractor, O'Keeffe, The Fan Man; service; motors.

9866 35 Waverlyp Pl; owner, Bing Kong; contractor, O'Keeffe, The Fan Man; ....

9867 SE corner 37th and Balboa; owner, A J Hopper; contractor, C A Langlais; motors.

9868 360 Battery; owner, Sportona-O'Brien; contractor, Weber & Conroy; 5 outlets; 2 switches.

9869 2100 Market; owner, S & C Motors; contractor, Weber & Conroy; 10outlets.

9870 1360 Market; owner, Pacific Tel & Tel; contractor, Weber & Conroy; 1 outlet.

9871 326 Grant Ave; owner, Emick; contractor, Weber & Conroy; 1 plug.

9872 88 6th St; owner, Pacific Tel & Tel; contractor, Weber & Conroy; 1 outlet.

9873 341 Market St; owner, ...; contractor, Weidenthal-Gosliner; 11 outlets; 2 switches; 2 plugs; motors.

9874 140 2nd St; owner, ...; contractor, Weidenthal-Gosliner; motors.

9875 528 Geary St; owner, Beau Arts Studio; contractor, J K Herzog Electric; 10 outlets; 4 switches; 8 plugs.

9876 845 Dolores; owner, A H Johnson; contractor, Strom & Smith; alterations.

9877 20 Norwich; owner, Smith & Brenner; contractor, Strom & Smith; ....

9878 E Arguello Blvd 53 S Clay; owner, Rousseau; contractor, Strom & Smith; 24 outlets; 22 switches; 26 plugs.

9879 534 Battery; owner, Zellerbach Paper Co; contractor, Buzzell Electric; 23 outlets; 1 switch.

9880 1627 Pine St; owner, J W McAlester; contractor, Buzzell Electric; 14 outlets; 9 switches; 5 plugs; service.

9881 2008 Union St; owner, A J Neiden Dress Co; contractor, P & J Electric; 5 plugs; motors.

9882 W Alemany 200 N Onondaga; owner, Elkington; contractor, Arc Electric Co; ....

9883 E Victoria N Randoph; owner, Hoecher; contractor, Arc Elec Co; ....

9884 3435 Mission St; owner, Jos Del Secco; contractor, Arc Elec Co; ....

9885-87 59-69-73 Gorham; owner, Elkington; contractor, Arc Electric Co; 13 outlets; 12 switches; 10 pl.

9888-9 430-3 Anderson St; owner, Hoecker; contractor, Arc Elec Co; 10 outlets; 10 switches; 11 plugs.

9890-92 Various locations and owners; contractor, Elec Prod Corp; signs.

9893 2555 Post St; owner, Allen's Cleaners; contractor, Lee Elec Co; service.

9894 1360 Clay St; owner, Settlmer; contractor, Malm & Welter; 1 plug.

9895 NW Cor 7th Ave and Geary; owner, Golden Eagle Oil Co; contractor, Malm & Welter; 2 outlets.

BUILDING CONTRACTS

OAKLAND

36189 NW Cor 24th and Harrison; owner, Mobile Gas Sta; contractor, Matson Elec Equip; change pumps.

36190 9953 MacArthur Blvd; owner, Edwards; contractor, Flagler El Co; switches.

36191 S East 14th and 44th Ave; owner, Owens; contractor, C A Langlais; outlets; switches; fixtures; pl.

36192 2915 Florida; owner, Oliphent; contractor, Dimond Electric; service.

Engineering Section

34—DAMS, RESERVOIRS & DREDGING

(Continued From Page Three)

bedded in gravel;
(35) placing 350 c.y. of water-bound macadam base course;
(36) 180 c.y. crushed rock for wearing course, in place;
(37) furnish, haul and spread 5,000 gals. road oil;
(38) mix, compact and finish 2,100 s.y. oil-treated wearing course;
(39) installing 1,100 lbs. pumps;
(40) installing 150 l.f. embedded electrical conduits;
(41) installing 5,000 l.f. of armored parkway cable.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, Chief Engineer, U. S. Customhouse, Denver 2, Colo.; R. L. Boke, Regional Director, Old Post Office Building, 7th and K Streets, Sacramento 14; R. K. Durant, Acting Construction Engineer, Friant, Cal., and Michael W. Straus, Commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the Acting Construction Engineer.

No charge to prospective bidders for specifications; to others, $2.50, not returnable.

3/18/46 ** 34
BIDS POSTPONED

BALMORHEA PROJECT, Texas.—Until April 16, 10 A. M. (postponed from March 27), bids will be received by United States Bureau of Reclamation, Amarillo, Texas, under Spec. 1186 for the construction of earthwork and structures, Phantom Lake canal and inlet feeder canal, Balmorhea Project, Texas. The work is situated in the vicinity of Balmorhea, Texas.

The principal items of work and the estimated quantities involved are as follows:

Schedule No. 1—Phantom Lake Canal
(1) 8400 cu. yds. excavation, common, for canal;
(2) 200 cu. yds. excavation, rock, for canal;
(3) 200 sta. cu. yds. overhaul;
(4) 3300 cu. yds. excavation, common, for structures;
(5) 50 cu. yds. excavation, rock, for structures;
(6) 1000 cu. yds. compacting embankments;
(7) preparing 200 sq. yds. of rock foundations for concrete lining;
(9) trimming 19,000 sq. yds earth foundations for concrete lining;
(9) 2000 cu. yds. backfill;
(10) 300 cu. yds. compacting backfill;
(11) 175 cu. yds. concrete in structures;
(12) 1640 cu. yds. concrete in canal lining;
(13) placing 105,000 lbs. of reinforcement bars;
(14) 25 sq. yds. dry-rock paving;
(15) 160 cu. yds. rubble masonry;
(16) erecting 2 M ft. b.m. of timber in structures;
(17) laying 240 lin. ft. 15-in. diameter precast concrete pipe;
(18) laying 1360 lin. ft. 27-in. diameter precast concrete pipe;
(19) laying 132 lin. ft. 30-in. diameter precast concrete pipe;
(20) erecting 24 lin. ft. No. 84 metal flume;
(21) installing 2000 lbs. of gates and miscellaneous metal work.

Schedule No. 2—Inlet Feeder Canal
(22) 11,500 cu. yds. excavation for canal;
(23) 160 cu. yds. backfill;
(24) 80 cu. yds compacting backfill;
(25) 600 cu. yds. compacting embankments;
(26) 22,000 sq. yds. preparing surface for concrete lining;
(27) 80 cu. yds. concrete in structures;
(28) 1880 cu. yds. concrete in canal lining;
(29) placing 110,000 lbs. of reinforcement bars;
(30) erecting 20 M ft. b.m. of timber in structures.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U S. Custom House, Denver 2, Colo.; W. R. Nelson, regional director, P. O. Box 1609, Oliver-Eakle Bldg., 6th and Polk Sts., Amarillo, Texas, and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the regional director.

No charge for specifications to prospective bidders; to others, $2, not returnable.

3/18/46 * * 34
ADDENDUM ISSUED

BOISE PROJECT, Idaho.—Bureau of Reclamation, Denver, has issued an addendum for the construction of Cascade Dam, Boise Project, Idaho, on the North Fork of the Payette River at Cascade, Idaho; Spec. No. 1194. As previously reported, bids for this project are to be received by the Bureau of Reclamation, Boise, Idaho, at 10 A. M., March 21.

Included in the addendum are changes in certain items in the tabulation of estimated quantities, revised to read as follows:
(23) drilling 4000 l.f. grout holes between depths of 0 ft. and 35 ft.;
(24) drilling grout holes between depths of 35 ft. and 60 ft.;
(25) drilling grout holes between depths of 60 ft. and 100 ft.

3/18/46 * * 34
TOTAL BIDS

MISSOURI BASIN PROJ., Wyo.—As previously reported, Morrison-Knudsen Co., Boise, Idaho, at $4,688,000 submitted low bid to the Bureau of Reclamation, Casper, Wyo., for construction of Kortes Dam and power plant, Kortes Unit, Missouri Basin Project, Wyo.; Spec. No. 1151. The work is situated on the North Platte River, about 62 miles by road southwest of Casper.

Other bids were:

David O. Gordon, W. E. Kier Construction Co.; Bressi & Bevanda Constructors, Inc., Grafe-Callahan Construction Co., and Gunther and Shirley Co., 4,971,970.

Winston Brothers Co., Al Johnson Constr. Co., and Peter Kiewit Sons Co., $5,244,256.

Arundel-Dixon Co., $5,424,950.

35— DOCKS, PIERS & HARBORS

3/18/46 * * 35
LOW BIDDER

LOS ANGELES, Cal.—Oberg Bros. 401 W. Redondo Blvd., Inglewood, at $264,297.30 submitted low bid to G. T. McCoy, State Highway Engineer, 808 State Bldg., Los Angeles, for the construction of a structural steel overhead crossing with graded approaches, surfaced with asphalt concrete, on Anaheim Street approach road to Terminal Island Freeway, at Nicholson Ave., Los Angeles, VII-LA-Terminal Island. This is a national defense contract.

36— PARKS, AIRPORTS & PLAYGROUNDS

3*18/46 * * 36
BIDS POSTPONED

SAN FRANCISCO.—Until Mar. 26, 3 P. M. (postponed from March 12), bids will be received by Public Utilities Commission, Room 287, City Hall, under S. F. Airport Contract No. 82 for airport extension, fill, pavement, and related construction at San Francisco Airport.

Work involves:

Proposition A:
(1) 6,000,000 c.y. dry fill;
(2) 420,000 s.y. compacting to 95% density;
(3) 25,000 M. gals. watering (unit is 1000 gals.);

Proposition B:
(1) 450,000 c.y. dry fill;
(1a) 5,550,000 c.y. hydraulic fill;
(2) 110,000 s.y. compaction to 95% density;
(3) 5000 M. gals. watering (unit is 1000 gals.).

Quantities for Items 4 to 31 are the same for Propositions A and B
(4) 135,000 c.y. rehandling;
(5) 125,000 c.y. misc. excav.;
(6) 4,000 s.y. sub-base preparation;
(7) 15,000 tons crushed rock base;
(8) 50 tons prime coat;
(9) 600 tons plant-mix surfacing;
(10) 200 s.y. bit. seal coat;
(11) 310,000 s.f. portland cement concrete pavement;
(12) none—portland cement adjustment price, to compensate for change in requirement for cement in concrete as provided in the specifications;
(13) lump sum, drainage of existing mud fill area;
(14) 100 l.f. 6-in. sale glazed vitrified clay pipe;
(15) 700 l.f. 15-in. reinf. concrete pipe
(16) 800 l.f. 18-inch do;
(17) 400 l.f. 21-inch do;
(18) 1,100 l.f. 24-inch do;
(19) 30 l.f. 21-in. corru. metal pipe;
(20) 30 l.f. 24-inch do;
(21) 1 each 21-in. automatic drainage gate;
(22) 1 each 24-inch do;
(23) 350 l.f. 21-in. corru. metal pipe, furnished by city, to be installed
(24) 350 l.f. 24-in. corru. metal pipe, furnished by city;
(25) 1 each 21-in. automatic drainage gate furnished by city;
(26) 1 each 24-inch do;
(27) 700 l.f. salvaging 21- and 24-in. corrugated metal pipe;
(28) 4 each new inlets;
(29) 11 each removal of inlets;
(30) 50 each reinstalling inlets;
(31) lump sum, removing drainage structures X and Y.

Specifications obtainable from the cashier's office, 6th floor, 425 Mason Street, upon deposit of $10.00.

Following contractors have taken out plans:

Guy F. Atkinson Co., Orange and Railroad Aves., South San Francisco.

Union Paving Co. ,212 Babcock Bldg., San Francisco.

San Francisco Bridge Co., 503 Market St., San Francisco.

Macco Construction Co., Freight and Ferry Sts., Oakland.

Piombo Bros. & Co., 1571 Turk St., San Francisco.

Olympian Dredging Co., 525 Market St., San Francisco.

Hubert H. Everist Sr., 604 Mission St., San Francisco.

Case Construction Co., Box 416, Alameda.

Ben C. Gerwick, Inc, 112 Market St., San Francisco.

Charles L. Harney, 625 Market St., San Francisco.

Pacific Bridge Co., 333 Kearny St., San Francisco.

Eaton & Smith, 715 Ocean Ave., San Francisco.

Western Dredging & Construction Co., 315 Park Central Bldg., Los Angeles.

Hydraulic Dredging Co., Ltd., 1221 Central Bank Bldg., Oakland.

Peter Kiewit Sons Co., 442 Post St., San Francisco.

George Pollock Co., Forum Bldg., Sacramento.

Granite Rock Co., Box 151, Watsonville.

Franks Dredging Co., 260 California St., San Francisco.

T. E. Connolly, 461 Market St., San Francisco.

Standard Dredging Corp., 800 Central Bldg., Los Angeles.

American Dredging Co., 1419 Broadway, Oakland.

38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

3/18/46 ** 38
BIDS POSTPONED

COLORADO-BIG THOMPSON PROJECT, Colorado. — Until March 28, 10 A. M., (postponed from March 18), bids will be received by the Bureau of Reclamation, Denver, Colo., for the construction of the Brush-Sterling 115-kilovolt and the Sterling - Holyoke 69 - kilovolt transmission lines, Colorado-Big Thompson Project, Colorado; Specification No. 1210. The work is situated in the northeast portion of the State of Colorado. Completion time, 150 days.

No charge to prospective bidders for specifications and drawings; to others, $2.25. Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo.; E. B. Debler, regional director, 501 Continental Oil Bldg., Denver, Colo.; C. H. Howell, project engineer, Estes Park, Colo., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the project engineer. Guarantee in the amount of 10% of bid required.

The specifications will provide for bids on either or both of the two transmission lines, but no bid will be considered for only a part of either line. A description of the proposed trnasmission lines is as follows:

(a) Brush-Sterling line will be a 115-kilovolt, 3-phase, single-circuit, 60-cycle, wood-pole, H-frame type transmission line, approximately 36 miles long, except that for about 3700 feet near Sterling, Colo., there will be constructed a section of double circuit line on steel towers. The conductors for the transmission line will be either No. 4/0 AWG aluminum cable, steel reinforced, or 133,100 circular mil copper expanded conductor.

(b) Sterling-Holyoke line will be a 69-kilovolt, 3-phase, single-circuit, 60-cycle, wood-pole, H-frame type transmission line, approximately 48 miles long. The conductors for the transmission line will be either No. 3/0 AWG aluminum cable, steel reinforced, or No. 1/0 AWG stranded copper conductor.

3/18/46 ** 38
LOW BIDDERS

RIO GRANDE PROJECT, New Mexico. — The following submitted apparent low bids to the Bureau of Reclamation, Denver, Colo., under Spec. 1170 for the construction of the Alamogordo-Hollywood and the Elephant Butte - Socorro 115 - kilovolt transmission line, Rio Grande Project, New Mexico. The work is situated in approximately the central portion of the state of New Mexico.

The specifications will provide for bids on either or both of the two transmission lines, but no bid will be considered for only a part of either line:

H. H. Walker, Inc., 1323 Venice Blvd., Los Angeles, (Sched I) $165,769.60 for copper conductor; $166,582.10 for aluminum conductor. (Sch. II) $228,738 for copper conductor; $229,838 for aluminum conductor.

Reynolds Electric & Engineering Co., El Paso, Texas, (Sch. I) $159,659.59 and $158,920.59. (Sch. II) $178,621.41 and $182,083.41.

3/18/46 ** 38
LOW BIDDERS

CENTRAL VALLEY PROJECT, Calif.—American Bridge Co., Denver, Colo., at $451,353, submitted low bid to the U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Denver, Colo., under Spec. No. 1162 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Marysville, Calif., at the option of the bidder, galvanized steel towers and appurtenances for the 230 - kv. Oroville - Sacramento transmission line, Central Valley Project, California:

Second and third low bids follow:

Bethlehem Pacific Coast Steel Corp., San Francisco, $473,545.

Muskogee Iron Works, Dallas, Tex., $605,344.

39—SEWERS

3/18/46 ** 39
PROSPECTIVE BIDDERS

SANTA ROSA, Sonoma Co., Calif. —The following contractors have taken out plans for construction of 8.5 miles sanitary trunk line sewers for which bids will be opened April 2, 8 P. M., by the City of Santa Rosa, City Hall, Santa Rosa. Plans by City Engineer Walter F. Adams, City Hall, Santa Rosa.

John Pestana, 16411 E. 14th St., San Leandro.

Underground Construction Co., 75th Ave. and San Leandro Blvd., Oakland.

Freethy-Fogelberg Co., 1436 Kearney St., El Cerrito.

Guy F. Atkinson Co., Orange and Railroad Aves., South San Francisco.

Stolte, Inc., 8451 San Leandro St., Oakland.

Bechtel Bros. & McCone, 220 Bush St., San Francisco.

C. Dudley DeVelbiss Co., Eastshore Highway and Huntington Ave., Richmond.

Edward Green, 3001 Coolidge Ave., Los Angeles.

Wm. D. Rapp, 705 Bennett Ave., Santa Rosa.

3/18/46 ** 39
BIDS REJECTED

SAN FRANCISCO. — The Department of Public Works, Room 282 City Hall, rejected bids submitted under Spec. No. 20,000 for installing motor-driven sewage pump, Fitzgerald Ave. pumping station.

Central California Construction Co., Inc., 116 Erie St., San Francisco, at $2391, submitted low bid.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Misc. Supplies & Materials	42
Machinery and Equipment	43

42— MISC. SUPPLIES AND MATERIALS

3/18/46 ** 42
CONTRACT AWARDED

SAN FRANCISCO.—The Chapman Valve Manufacturing Co, 564 Bryant St., at (a) $9529.75, (b) $12,259, (ab) $21,788.75, plus sales tax, 2% 10 days, 120 days' delivery, awarded contract by M. H. Gerry, purchaser of supplies, Room 270 City Hall, San Francisco, under Bid No. 3469 for furnishing and delivering to the San Francisco Water Department warehouse at Millbrae, Calif., 3-in., 6-in., 8-in., 24-in., 30-in. and 48-in. flanged gate valves.

3/18/46 ** 42
BIDS WANTED

SAN FRANCISCO. — Until March 29, 2 P. M., bids will be received by the U. S. Treasury Department, 821 Market St., San Francisco, under Inv. SF-2863-46 for six combination sink, drainboard and garbage dispensers, f.o.b. Oakland.

3/18/46 ** 42
BIDS WANTED

SAN FRANCISCO.—Bids will be received by the U. S. Forest Service, 447 Sansome St., San Francisco, for materials and equipment as follows:

March 26, 2 P. M.

Inv. 380: sale of salvagable used Caterpillar parts, located at Stockton.

Inv. 381: patterns (aluminum match plates) for Klamath stove parts, f.o.b. San Francisco.

March 29, 2 P. M.

Inv. 383: 8 gasoline underground storage tanks, 280-gallon capacity, f.o.b. Mt. Shasta.

Specifications obtainable from the above office.

3/18/46 ** 42
NOTICE OF SALE

SAN FRANCISCO.—Until April 2, 10 A. M., bids will be received by the Navy Material Redistribution and Disposal Office, 785 Market St., San Francisco, under Sales No. C-325-46 for sale of 40,000 lbs. hollup sureweld type "N" welding electrodes in excellent condition, located at National Cylinder Gas Co., 900 W. Weber St., Stockton.

3/18/46 ** 42
BIDS WANTED

SACRAMENTO, Calif.—Until Mar. 19 bids will be received by the State Purchasing Agent, Sacramento, under Quo. 42397, Req. 76266, for 200 tons air-refined asphalt, 20-30 penetration; delivery as requested in 100-lb. cartons to Saugus maintenance station, Ridge Route maintenance station.

3/18/46 * * 42
BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until March 26, 2 P. M., bids will be received by Oakland City Council, City Hall, for 20 used automatic calculating machines.

Specifications obtainable from the above office.

3/18/46 ** 42
BIDS WANTED

LOS ANGELES, Calif.—Until Mar. 26, 1:30 P. M., bids will be received by the Veterans' Administration, Washington 25, D. C., for the construction of additions to telephone switching equipment for the Veterans' Administration Hospital at Los Angeles. Specifications are available from Construction Service, Veterans' Administration, Washington 25, D. C., or from the supervising superintendent of construction, Veterans' Administration Hospital, Palo Alto, Calif.; guarantee of 25% to accompany bids.

3/18/46 * * 42
BIDS WANTED

LOUISE, Arizona.—Until March 29 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver, Colo., under Inv. 7250-A, for steel reinf. aluminum bare stranded conductor, etc., fob shipping point and/or Louise, Ariz., Boulder - Kingman to Davis Dam transmission line.

Specifications obtainable from the the above office.

43— MACHINERY AND EQUIPMENT

3/18/46 ** 43
BIDS WANTED

OAKLAND, Alameda Co., Calif.—As previously reported, until March 27, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Room 312, 512 16th St., Oakland, under Pro. 1722 for streamline fittings as follows:
(1) 5000 ¾-in. elbows;
(2) 100 1-in. elbows;
(3) 1000 ¾-in. couplings;
(4) 100 1-in. couplings.

Specifications obtainable from the above office.

3/18/46 ** 43
BIDS OPENED

SACRAMENTO, Calif.—The following submitted bids to the State Purchasing Agent, Sacramento, March 13, for shovels for Eureka:

Spears-Wells Machinery, Michigan TMDT-16, $13,270 each; total for two, $26,540; subject to OPA changes; add $104 for each unit if extra 1000-lb. counter weight desired; delivery factory one in July and one in October; $600 each discount 10 days.

Harnischefeger Corp., T & H No. 150, $16,789.85 each; total, $33,579.70; includes tax; add $500 each if remote control desired; delivery August, 1946; discount $613.20 15 days.

Coast Equipment Co., $13,050 each; total, $26,100; Lorraine TL-20; one May 15 and one August 1; net.

Edw F. Hale, Link-Belt Speeder T-50, FWD YU, $14,462; for two, $28,924; 8 months' delivery; no discount.

3/18/46 ** 43
BIDS WANTED

SOUTH SAN FRANCISCO, San Mateo Co., Calif.—Until April 3, 7:30 P. M., bids will be received by the South San Francisco Unified School District, High School Building, 501 Spruce Ave., South San Francisco, for two new Wayne Transicoaches, 66-school pupil capacity.

Specifications obtainable from the above office.

Official Proposal

Pro. No. 1723—Jeeps and Station Wagons

NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512—16th Street, Oakland, California, until 5:30 P. M., Wednesday, Mar. 27, 1946, and will at that hour be opened for furnishing two (2) 1946 FORD SUPER DE LUXE STATION WAGONS, or equal, and two (2) 1946 WILLYS UNIVERSAL JEEPS, Model CJ2A, or equal, as per specifications.

Proposal No. 1723 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL READ.
Secretary.

Oakland, California.
March 15, 1946.

(Daily Pacific Builder)
(March 18, 1946)

Pro. No. 1720—Steel Operating Tables

NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512—16th Street, Oakland, California, until 5:30 P. M., Wednesday, Mar. 27, 1946, and will at that hour be opened for furnishing 12 STEEL OPERATING TABLES, as per specifications.

Proposal No. 1720 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL READ,
Secretary.

Oakland, California.
March 15, 1946.

(Daily Pacific Builder)
(March 18, 1946)

Pro. No. 1722—Streamline Fittings

NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512—16th Street, Oakland, California, until 5:30 P. M., Wednesday, Mar. 27, 1946, and will at that hour be opened for furnishing approximately 6,200 STREAMLINE FITTINGS, OR EQUAL, as per specifications.

Proposal No. 1722 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL READ,
Secretary.

Oakland, California.
March 15, 1946.

(Daily Pacific Builder)
(March 18, 1946)

Classified Advertising

HELP WANTED

CONSTR. SUPTS. for Industrial and Home Bldg. projects. Permanent employment and good salary for the right man. Work located in San Jose area. Reply Box 315 c/o Daily Pacific Builder. (3/13-14-15-18-19/46)

CONSTR. SUPT. for large building contractor. Must have excellent record and references. Salary to start $750 a month. Reply Box 313 c/o Daily Pacific Builder. (3/13-14-15-18-19/46)

CHIEF ESTIMATOR and MANAGER for large bldg. contractor. Must have excellent record and references. Salary to start $900 a month. Reply Box 314 c/o Daily Pacific Bldr. (3/13-14-15-18-19/46)

DRAFTSMAN wanted. Apply to John Hudspeth, Architect, with samples of work. 427 13th St., Oakland.

Experienced ARCHITECTURAL DRAFTSMAN. Call for an interview. F. H. Reimers, A.I.A., 79 Post St., San Francisco.

LUMBER BROKER WANTED
LUMBER for building Peninsula home. Bay Building Co., 731 El Camino Real, Redwood City. (3/14-15-18-19-20/46)

1890 - 1946
Fifty-six
Years of
Service

Daily Pacific Builder

LARGEST CONSTRUCTION DAILY IN THE WEST

Complete
Building and
Engineering
News Service

Fifty-sixth Year—Vol. 56—No. 54 SAN FRANCISCO, TUESDAY, MARCH 19, 1946 PRICE 15 CENTS PER COPY

PLANS and Speculations

Sparks: Extension of the Sparks Nev., sewer system and the construction of a new city garage have been approved by the city council who have adopted a resolution favoring a $135,000 bond issue to cover the projects. A June 3 election will determine the floating of the issue.

oOo

Reno; Methods for acquiring the site for the new high school and for selling $1,500,000 worth of bonds they are now authorized to issue, occupied the Reno school board at its last meeting.

oOo

Marysville: Three cities, Marysville, Oroville and Chico, will work in unison to put over the Bidwell Bar dam under a program already approved by chambers of commerce in the cities. Jack Pank is chairman of the public works committee handling the project.

oOo

Sacramento: Prefabricated metal building will take the place of tents this year at the State Fair, James S. Dean, state director of finance, has revealed. The Army will supply surplus housing for the event.

oOo

Vallejo: The proposed Yolo-Solano irrigation district, which hinges on the Monticello dam, was discussed in an illustrated talk last week given by Howard Posz, representative of the U. S. Bureau of Reclamation, before the Kiwanis Club. More than 400 members attended the session about the 40 million dollar project which would harness the power of Putah creek, furnishing a network of irrigation canals to the county.

oOo

Santa Rosa: A commission making a survey into the proposal for acquisition of Bodega Bay tidelands and beach frontage for a recreational area, will make a report of its findings within 30 days, Chairman Vernon G. Garrett of the Sonoma County Planning Commission, has agreed.

#

PARAFFINE OKAYS MERGER

At a meeting of stockholders of The Paraffine Companies, Inc., held at the offices of the corporation last Friday, 394,954 shares were voted for the merger with Schumacher Wall Board Corporation and 158 shares were voted against the merger.

The stockholders of Schumacher Wall Board Corporation were slated to consider approval of the merger at a meeting yesterday at South Gate.

Dr. A. Allan Bates To Discuss Enemy Science At A.S.M.E. Dinner

Dr. A. Allan Bates, manager of the Chemical and Metallurgical department, Westinghouse Electric Corporation Laboratories, East Pittsburgh, Pa., will talk on "War, Peace and Technology", Mar. 28 at the monthly meeting of the American Society of Mechanical Engineers, San Francisco section.

The meeting will be held at 6. p. m. in the Engineers' Club, 206 Sansome street.

Dr. Bates spent seven months in Europe as one of a picked group of scientists to study German methods of research and science. He will compare American, British and German research—the part industry and engineering played in winning the war on both sides—and reveal just how good the enemy's "super-scientists" actually were. He will discuss the possibility of future war and discuss what we can do if it should happen.

#

Simplified Practice For Brass Plumbing

Two closely related simplification programs for plumbing brass goods are now being developed through the procedure of the Division of Simplified Practice, National Bureau of Standards.

One program proposes a list of stock types and sizes of plumbing fixture fiittings and trim for housing; the other is a proposed revision of Simplified Practice Recommendation R21, Brass Lavatory and Sink Traps, which was initially promulgated in 1924.

They are sponsored by a committee of manufacturers that is endeavoring to establish, as standards of practice, lists of those items which will meet normal requirements. Support of these programs by all segments of the industry will aid materially in effectively meeting the postwar demand.

Mimeographed copies of the program are available for approval, comment or both, through the Division of Simplified Practice, National Bureau of Standards, Washington 25, D. C.

GROOVER AND I

CAVEAT EMPTOR

For centuries business was done on a "buyer beware" basis. A couple of present California fortunes were founded upon apricot pit kernels processed and sold as toasted almonds, and fine grass seed mixed into synthetic pink jelly and marketed as strawberry jam.

Then the Government started trying to popularize honesty by law. Countless millions have been spent under the Pure Food and Drug Act in protecting the citizenry against misbranding, adulteration and short weights.

★ ★ ★

In addition to the Federal law, states and municipalities have legally frowned upon short quarts, light pounds, and the friendly butcher chummily weighing his thumb on the scales with your pot roast.

★ ★ ★

We are now confronted with the problem of sending food to millions of starving people. We can share food with other countries—in fact the food we waste and throw away would probably fill our relief commitments.

★ ★ ★

But OPA must do it the hard way—and comes up with its 14.4 ounce pound loaf of bread in order to save food!

★ ★ ★

(There is a market need for a half-pound loaf of bread—think of all the gals who live alone, whether they like it or not, and limit themselves to one slice of toast in order to protect their pencil-like silhouettes.)

★ ★ ★

Meeting the problem, if we want to CONSUME less food, the way is to EAT less food, and not through any screwball plant of synthetic weights.

★ ★ ★

Here is one Bureau of the Government making a rule requiring people to violate long established laws and regulations — it doesn't add up.

★ ★ ★

We spent years building regulations with safeguards of proper checks and balances and then they are pitched out the window to make room for some dizzy doodle-bug idea.

#

OIL IN PHILIPPINES

Oil drilling will be resumed in the Philippines as soon as necessary equipment can be obtained, reports of the Department of Commerce indicate. Encouraging indications of oil were found in Cebu in pre-war drilling where operations had gone to 8,330 feet. Machinery used was destroyed in the path of the Jap advance early in 1942.

Residential Construction for February Rises 17 Per Cent to $175,000,000 Level

The amount of money spent in February for privately financed residential construction was only half of the monthly average needed to provide the volume of housing called for in the Wyatt Housing Program, the Construction Division of the Department of Commerce, said today.

Privately financed construction of all types in February totaled 462 million dollars, an increase of 11 per cent from January, with residential construction (exclusive of farm dwellings) rising 17 per cent from the January level to 175 million dollars in February.

Pointing out that the normal seasonal trend is a decline, since February is a short month, the Construction Division said that the contra-seasonal rise was encouraging, particularly in the case of residential construction.

The volume of private non-residential building in February also showed an increase over January (11 per cent), but privately financed public utility activity declined slightly (3½ per cent).

New construction of all types was valued at 547 million dollars in February, an increase of 7 per cent over January and of 90 per cent over February, 1945. Publicly financed construction, in contrast to privately financed, declined 10 per cent from January to 85 million dollars in February.

Data on new construction activity in February 1946, with comparable figures for January, 1946 and Feb., 1946, is illustrated. Figures represent joint estimates of the Department of Commerce and the Department of Labor.

NEW CONSTRUCTION ACTIVITY, CONTINENTAL UNITED STATES
(Joint estimates of the Dept. of Commerce and the Dept. of Labor)
(Millions of dollars)

Type of Construction	Feb., 1946	Jan., 1946	Feb., 1945
Total new construction	547	512	289
Total private	462	417	118
Residential (non-farm)	175	150	23
Nonresidential	224	202	54
Industrial	121	111	39
Warehouses, office, loft bldgs	17	13	3
Stores, restaurants, garages	55	48	4
Other nonresidential	31	30	8
Farm	8	8	5
Public utility	55	57	36
Railroad	20	20	16
Telephone and telegraph	17	19	7
Other public utility	18	18	13
Total public	85	95	171
Residential	1	2	7
Nonresidential	28	30	85
Industrial	8	9	76
Educational	9	9	3
Hospital and institutional	9	9	4
Other nonresidential	2	3	2
Military and naval	15	18	46
Highway	16	16	14
Sewer and water	12	12	6
Misc. public service enterprises	3	4	3
Conservation and development	10	12	9
All other Federal less than	0.5	1	1

DISCUSS VET LOANS

The California Bankers Association, Group Six, will hold an open discussion Thursday at 7:30 p. m., in the Italian room, St. Francis hotel, on the subject of veterans' loans and the latest revisions pertaining to G. I. financing problems. A question period will follow the feature talk by Arnold A. Wilkens, loan guaranty officer, Veterans Administration.

#

The Tule Lake War Relocation Authority center will close tomorrow, Director Ray Best has disclosed.

POSTWAR AVIATION TOPIC OF LUNCHEON

Topics of the Wednesday meeting of the American Society of Mechanical Engineers to be held at noon in the El Jardin restaurant, 22 California street, will be "The Large Commercial Airliners of Today and Tomorrow."

Featured speaker will be J. E. Weesner, Division Engineer, Pacific-Alaska division, Pan American World Airways. Reservations should be telephoned to Paul Konston, EXbrook 5400, extension 390, before 3 p. m. today.

$400,000 Fire Razes Emeryville Plant Of Gardner Electric Co.

Twenty firemen were injured in the $400,000 blaze which ruined the one-story brick plant of the Gardner Electric company, 4227 Hollis street, Emeryville, last Saturday.

The fire, which is believed to have started in the electric ovens when transformers became overheated, spread rapidly through the building and threatened an entire city block before brought under control.

Cement Production Up 51 Percent Over 1945

Production of 9,633,000 barrels of cement in January, 1946, reported to the Bureau of Mines, Department of the Interior, was 51 per cent above that reported for January, 1945. This is the largest gain reported for January for many years.

Shipments of 7,391,000 barrels were 52 per cent above those reported for corresponding month of the previous year. This substantial gain reflects the increasing demands of construction industry. Mill stocks on January 31, 1946, of 18,668,000 barrels were 13 per cent below the January, 1945 figure.

Clinker production of 10,541,000 barrels in January, 1046, was 55 per cent above that reported for the corresponding month of 1945. In January, 1946, the industry operated at 47 per cent of capacity, whereas a year earlier only 31 per cent of capacity was being utilized. Clinker grinding activity has evidently increased greatly, for it not only has taken care of demands for current shipments but has at the same time added substantially to the stocks of finished cement.

Pre-Fab Builders Granted Priorities By Washington

The government has taken another step in providing veterans homes by granting priorities on building materials to builders of prefabricated homes.

Similar assistance had already been granted for construction of conventional type homes, the Civilian Production Administration said.

Both actions have been under the Veterans' Emergency Housing program, which fixes the top sales price of $10,000 for a house and maximum rent price of $80 a month. Veterans will have first chance to rent or buy the homes built.

Housing Administrator Wilson W. Wyatt and CPA Chief John D. Small, in a joint statement, said that hereafter producers of softwood plywood will be required to earmark 50 per cent of their output for home construction.

At the same time the OPA has granted price increases averaging 20 per cent to stimulate production of certain thicknesses and grades of softwood plywood needed in building.

#

COST ACCOUNTANTS TO COMPLETE FORUM

With the last session this evening at the IBM meeting room, the San Francisco chapter of the National Association of Cost Accountants will complete its series of 10 group discussions of "Standard Costs—Their Development and Use". Begun in October last year, these meetings were not a course of instruction but an open forum on all phases of the broad subject of "Standard Costs' as related to both manufacturing and construction industries.

The chairman of the program has been R. C. Jorgensen, vice president of the San Francisco chapter and assistant treasurer of Marchant Calculating Machine Co.

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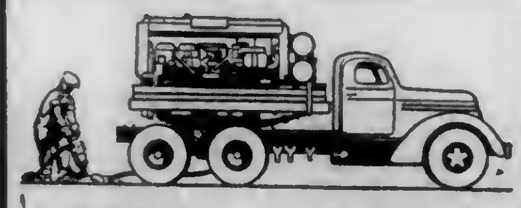

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DAILY PACIFIC BUILDER
(Established 1890)
Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Religious Buildings 18-19
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Transportation Bldgs. 27
Miscellaneous Bldgs. 28-30

1-8—COMMERCIAL BLDGS.

3/19/46 • • 4
TO ASK BIDS
OFFICE BLDG. Cost, $50,000
RENO, Washoe County, Nevada.
Construction of 2-story office bldg. with pan-pour reinf. concrete, brick curtain walls with large quantity of glass blocks
Owner—C. Georgetta, Byinton Bldg., Reno.
Architects—Gulling & Means, Clay Peters Bldg., Reno.
Bids will be asked about Mar. 25.

3/19/46 • • 7
CONTRACT AWARDED
MARKET BLDG. Cost, $52,000
SAN FRANCISCO. 25th Avenue and Noriega Street.
Construction of 1-story frame market building (82.6x108 feet).
Owner—Withheld.
Architect—John J. Foley, 770 5th Ave.
Contractor—Ed Zinkand & Son, 667 36th Avenue.

3/19/46 • • 3
PLANS BEING FIGURED—
BIDS OPEN MARCH 27, 3 P. M.
WAREHOUSE & OFFICE BLDG.
SAN FRANCISCO. 18th and Indiana Streets.
Construction of part one- and part two-story steel frame warehouse and wood office building (approx. 125 feet square).
Owner—Firebrick Supply Co., 2350 Jerrold Street.
Architect—John J. Foley, 770 5th Ave.
Plans are being figured by a selected list of contractors.

3/19/46 • • 6
BIDS OPENED
STORE BUILDING
LAS VEGAS, Nev. 115 N Fifth St.
Construction of one-story concrete block store building (50x136-feet), composition roofing, exterior stucco, herculit doors, metal trim, evaporative cooling, etc.
Owner—Sandall & Davis Company.
Architect—Aloysius McDonald, 800 S 6th St., Las Vegas.
Low Bidder—Lembke Constr. Co., 332 N. 3rd St., Albuquerque, N. M.
Other bids were:
R. J. Daum Constr. Co., $63,000.
Nevada Constr. Co., $70,904.

3/19/46 • • 8
TO PREPARE PLANS
STORE BUILDING
SALINAS, Monterey Co., Calif.
Construction of reinf. concrete one-story and part basement store bldg. to contain between 55,000 and 60,000 sq. ft. of floor space.
Owner—Mr. Tustin.
Lessee—Sears, Roebuck & Co., D. S. Tarvid, San Francisco manager, H. W. Kingsley, vice - president in charge of Pacific territory, Mission and Army Sts., San Francisco.
Architect—W. D. Peugh, 333 Montgomery St., San Francisco.

3/19/46 ** 8
PLANS BEING FIGURED
LOS ANGELES, Calif.—Architect Adrian Wilson, Architects' Bldg., 816 W. 5th St., Los Angeles, has completed plans and is taking bids March 26, 10 A. M., for the construction of a one-story store building at 4423 Central Ave., Los Angeles, for the National Dollar Stores, Ltd., 929 Market St., San Francisco; 146x53 feet in area.

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3/19/46 ** 4-6
LOW BIDDER
MEDICAL-DENTAL BUILDING
SAN FRANCISCO. Geary St. and 14th Ave.
Construction of two-story frame and terra cotta building to contain stores on first floor and offices on second floor.
Owner—John Coakley, c/o architect.
Architect — Leonard S. Mosais, 255 California St., San Francisco.
Low Bidder—A. J. Hopper Co., 243 Langton St., San Francisco.

3/19/46 ** 3
BIDS POSTPONED UNTIL MARCH 25, 1:30 P. M.
STORAGE BUILDING
SACRAMENTO, Sacramento County, Calif. 23rd and "S" Sts.
Construction of one-story heavy mill type storage building (80x160 ft.), with corrugated aluminum exterior.
Owner—Carl Fiedler, 1108 43rd St., Sacramento.
Architect — Leonard F. Starks, 416 Native Sons' Bldg., Sacramento.
Bid opening date postponed from March 18.
Following contractors have taken out plans:
Charles F. Unger, 2426 7th Ave., Sacramento.
C. C. Ruby, 3350 Freeport Blvd., Sacramento.
C. J. Hopkinson, 1810 28th St., Sacramento.
Frank Maloney, 1915 "S" St., Sacramento.

3/19/46 ** 4
CONTRACT AWARDED
OFFICE BUILDING
SAN RAFAEL, Marin County, Calif. Southwest corner 2nd and D Sts.
Construction of one-story reinforced concrete office building.
Owners—Z. and S. Smith, San Rafael.
Lessee — Pacific Telephone & Telegraph Co., 140 New Montgomery St., San Francisco.
Architects—S. Heiman & Ralph Pollock, 605 Market St., San Francisco.
Contractor—De Luca & Son, 1745 Filbert St., San Francisco.

3/19/46 ** 5
PREPARING WORKING DRAWINGS
RESTAURANT Approx. Cost, $100,000
LAFAYETTE, Contra Costa County, Calif.
Construction of one-story restaurant building with tile roof.
Owner—Bert Howard.
Architect — Irwin M. Johnson, 449 MacArthur Blvd. West, Oakland.

9-10—EDUCATIONAL BUILDINGS

3/19/46 ** 9
TO PREPARE PLANS
GYMNASIUM, ETC. Cost, $60,000
CALAVERAS COUNTY, Calif.
Construction of gymnasium and shop buildings.
Owner — Bret Harte Union High School District.
Architect—Edward Cerruti Jr., 426 13th St., Oakland.

11—HOSPITALS

3/19/46 ** 11
BIDS REJECTED
SALEM, Oregon.
Construction of hospital cottage farm consisting of three-story reinforced concrete and buff - colored brick building, 330 feet long with five wings ,93x100 each); tile pitched roof.
Owner—Oregon State Board of Control, Roy Mills, secretary, State Capitol.
Architect—Sutton, Whitney & Aandahl, Lewis Bldg., Portland.
All bids have been rejected and work will be readvertised.
At previous bid opening Charles R. Schmiedeskamp, 1421 SW. Broadway, Portland, at $511,930, submitted the low bid.

12-13—INDUSTRIAL BUILDINGS

3/19/46 • • 12
TO START CONSTRUCTION
INDUSTRIAL BLDG. Cost, $54,000
SAN FRANCISCO. W Ninth St. between Mission and Howard Streets.
Construction of two-story and mezzanine, Class C industrial building (75x113.4), concrete exterior walls, concrete columns and beams and girders, wood joist floors.
Owner—Julius Harband, c°o engr.
Consulting Engineer—Hyman Rosenthal, 617 Montgomery Streets.
Architect—Theo. G. Ruegg, 617 Montgomery Street.
Contractor—W. C. Akard, 225 Cervantes Blvd.

3/19/46 • • 12
FIRE LOSS
EMERYVILLE, Alameda Co., Cal. —Fire recently destroyed the Gardner Electric Mfg. Co. plant, 4227 Hollis St., Emeryville, with loss estimated between $300,000 and $400,000.

3/19/46 • • 13
BID OPENING POSTPONED UNTIL MAR. 20, 11 A. M.
ORDNANCE SHOP SUPERSTRUCTURE
SAN FRANCISCO. S. F. Naval Shipyard.
Construction of 6-story concrete and steel shop building which shall be used for industrial shop purposes, and which includes paving, track work, masonry, steel sash, corru. wire glass, roofing, protectod metal siding, metal doors, plastering, wood block flooring, terrazzo, floor coverings, elevators, escalator monorails, and crane, utilities and painting; NOy 12968; Spec. 17152.
Owner—Bureau of Yards and Docks, Navy Dept., c/o Public Works Office, Room 2110, Admin. Building., San Francisco Naval Shipyard.
Bid opening date postponed from March 18.
As previously reported, plans and specifications No. 17152 are obtainable from the Officer in Charge of Construction, Room 2110 Administration Bldg., San Francisco Naval Shipyard, upon deposit of $130 check or postal money order payable to the Chief of Bureau of Yards & Docks.
Following contractors have taken out plans:
James I. Barnes Construction Co., 941 Russ Bldg., San Francisco.
Barrett & Hilp, 918 Harrison St., San Francisco.
A. Farnell Blair, 9 Main St., San Francisco.
Clinton Construction Co., 923 Folsom St., San Francisco.
Peter Kiewit Sons' Co., 442 Post St., San Francisco.
MacDonald, Young & Nelson, 127 Montgomery St., San Francisco.
E. S. McKittrick Co., Inc., 610 16th St., Oakland.
M. & K. Corp., 200 Financial Center Bldg., San Francisco.
Moore & Roberts, 693 Mission St., San Francisco.
Parker, Steffens & Pearce, 135 So. Park, San Francisco.
C. L. Wold Constr. Co., 4412 Fulton St., San Francisco.

3/19/46 ** 12
COMPLETING PLANS
STORAGE BLDG. Est. Cost, $65,000
SANTA CLARA, Santa Clara Co., Calif. Lafayette St.
Expansion of walnut packing plant to include construction of one-story storage building, lumber construction.
Owner—Walnut Growers' Assn., 1777 Lafayette St., Santa Clara.
Structural Engineer — Preston M. Jones, 233 Sansome St., San Francisco.
Plans are expected to be completed this week.

3/19/46 ** 12
PLANS BEING FIGURED
LOS ANGELES, Calif.—L. A. Parker, architect-engineer, 408 S. Spring St., Los Angeles, has completed plans and is taking general contract bids from a selected list of contractors for the construction of a new two- and part three-story reinforced concrete and structural steel bottling house at 1910 N. Main St., Los Angeles, for the Los Angeles Brewing Co. The building will cover an area 150x440 feet.
Plans for the foundation of the building wer prepared by L. T. Evans, engineer, 408 S. Spring St., Los Angeles.
A separate contract for the structural steel has been awarded to the Consolidated Steel Corp., Ltd., 5700 S. Eastern Ave., Los Angeles, and, as previously reported, other contracts have been awarded for plumbing work to A. B. Jones Co., 5450 Alhambra Ave., Los Angeles, and for electrical work to the Newbery Electric Corp., 1038 Venice Blvd., Los Angeles.

14-17—PUBLIC BLDGS.

3/19/46 ** 15
BIDS OPENED
REPAIR ROOF
SAN FRANCISCO. Coit Tower, Telegraph Hill.
Repairs to roof of tower.
Owner—Board of Park Commissioners, McLaren Lodge, Golden Gate Park.
Low Bidder—Donnelly Roofing Co., 652 Fulton St., $379, (alt.) $448.
Other bidders were:
Alta Roofing Co., $641, (alt.) $621.
Empire Roofing Co., $700, (alt.) $700.
Phoenix-Simpton Co., $757.70, (alt.) $813.
J. W. Bender Roofing & Paving Co., $864, (alt.) $818.

3/19/46 ** 16
BIDS WANTED—TO BE OPENED APRIL 19, 2 P. M.
FENDER PILDING, ETC.
SAN FRANCISCO. Quarantine Station, Angel Island.
Construction of fender piling, fender ribbing, chocks, etc.
Owner—Federal Works Agency, Public Buildings Administration, office of the district engineer, 838 U. S. Appraiser's Bldg., San Francisco.
Plans and specifications may be obtained from the above office of the district engineer.

18-19—RELIGIOUS BLDGS. BUILDINGS

3/19/46 ** 19
PREPARING WORKING DRAWINGS
CHURCH Approx. Cost, $100,000
EAST OAKLAND, Alameda County, Calif. Corner 85th Ave. and MacArthur Blvd.
Construction of two-story steel frame and masonry wall church building to seat 1000.
Owner — Neighborhood Church, 6119 MacArthur Blvd.
Architect — Irwin M. Johnson, 449 MacArthur Blvd. West, Oakland.

22-26—RESIDENTIAL BUILDINGS

3/19/46 ** 26
CONTRACT AWARDED
DWELLING UNITS
Contract Price, $107,900
WHITTIER, Los Angeles Co., Calif.
Construction of 50 finished dwelling units; Calif. V-4340.
Owner—Federal Public Housing Authority, Phelan Bldg., San Francisco.
Contractor—Shumaker & Evans Construction Co., 4007 W. 6th St., Los Angeles.
Work starts March 20; completion date May 4.

3/19/46 ** 26
CONTRACT AWARDED
DWELLING UNITS
Contract Price, $43,160
WHITTIER, Los Angeles Co., Calif.
Construction of 20 finished family dwelling units; Calif. V-4406.
Owner—Federal Public Housing Authority, Phelan Bldg., San Francisco.
Contractor—Shumaker & Evans Construction Co., 4007 W. 6th St., Los Angeles.
Work starts March 20; completion date May 4.

3/19/46 ** 26
CONTRACT AWARDED
FAMILY TRAILERS
Contract Price, $25,200
RENO, Washoe County, Nev.
Construction of 36 family trailers, one toilet trailer and one laundry trailer (Nev. V-2618).
Owner—Federal Public Housing Authority, Phelan Bldg., San Francisco.
Contractor—M. & K. Corp., 200 Financial Center Bldg., San Francisco.
Work started March 12; completion date April 11.

3/19/46 ** 26
CONTRACT AWARDED
DWELLING UNITS
Contract Price, $55,360
SANTA ROSA, Sonoma County, Calif.
Construction of 20 family dwelling units and 40 dormitories; Calif. V-4370.
Owner—Federal Public Housing Authority, Phelan Bldg., San Francisco.
Contractor—Robt. McCarthy Co., 1050 Kirkham St., San Francisco.
Work started March 13; completion date April 27.

3/19/46 ** 25
TAKING SEGREGATED BIDS
THREE RESIDENCES
Estimated Cost, $8500 Each
MILL VALLEY, Marin County, Calif.
Construction of three frame and stucco residences.
Owner and Builder—Thomas Bickerstaff, Simpson Beach.
Architect — Conrad F. T. Kett, 75 Crescienta Dr., Sausalito.
The owner is now taking segregated bids.

3/19/46 ** 25
TAKING SEGREGATED BIDS
TWO RESIDENCES
Estimated Cost, $8,500 Each
MILL VALLEY, Marin County, Calif. 43 Nelson Ave.
Construction of two one-story frame and stucco residences.
Owner and Builder—John & William Lenherr, c/o architect.
Architect — Conrad F. T. Kett, 75 Crescienta Dr., Sausalito.
The owner is now taking segregated bids.

3/19/46 ** 26
TAKING SEGREGATED BIDS
MOTEL Est. Cost, $90,000
OAKLAND, Alameda County, Calif. 598 MacArthur Blvd.
Construction of two-story motel, 24 rooms, to embrace an L-shaped structure, enclosing a motor courtyard. Monterey Colonial building style, extensive use of brick for porches, open balconies for upper floors.
Owner—C. Lawrence Smith, c/o architect.
Architect — Conrad F. T. Kett, 75 Crescienta Dr., Sausalito.
The owner is now taking segregated bids.

28-30—MISCELLANEOUS

3/19/46 ** 29
BIDS OPENED
PAINTING WORK
SAN FRANCISCO. Balboa Park Nursery.
Painting work at nursery.
Owner—Board of Park Commissioners, McLaren Lodge, Golden Gate Park.
Low Bidder — Russell Hinton, 361 Hayes St., $925.
Other bidders were:
Deemer & Deemer, $934.
Giampolini & Co., $1110.
J. W. Sorenson, $1185.
R. P. Paoli Co., $1266.
Larry's Painting & Decorating Co., $1473.
W. G. Thompson, $1797.

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BIDS WANTED
On building of 200 SINGLE FAMILY FRAME HOUSES, standard construction, located in SAN JOAQUIN VALLEY. Plans and Specifications available upon request to:
MR. BELL
310 MASON BUILDING FRESNO, CALIF.

BIDS WANTED
On building of 48 SINGLE FAMILY HOMES, STANDARD CONSTRUCTION, located in MADERA. Plans and Specifications available upon request to:
MR. BELL
310 MASON BUILDING FRESNO, CALIF.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Sewers 39
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31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

3/19/46 ** 31
NO BIDS RECEIVED
SAN FRANCISCO.—No bids were received March 18 by the Board of Park Commissioners, McLaren Lodge, Golden Gate Park, for installation of pumping plant at Lake Merced.

3/19/46 • • 32
SUB-CONTRACT AWARDED
SAN FRANCISCO.—M. B. McGowan, Inc., 625 Market St., awarded sub-contract by the M. & K. Corp., 200 Financial Center Bldg., for driving untreated piles in Scott Street sewer system.

33—BRIDGES

3/19/46 ** 33
BIDS WANTED
MARIN COUNTY, Calif. — Until March 25, 10 A. M., bids will be received by the Marin County Board of Supervisors, George S. Jones, county clerk, Courthouse, San Rafael, for construction of 2-span timber pile bridge with timber deck and wing walls on Muir Woods Road No. 399.
Specifications obtainable from the county engineer, Courthouse, San Rafael.

3/19/46 ** 33
BIDS WANTED
SAN DIEGO COUNTY, Calif.—Until April 18, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, state highway engineer, State Bldg., Los Angeles, for construction of two steel girder bridges about 17 miles east of Oceanside across San Luis Rey River and Keys Canyon Creek in San Diego County.
The work involves:
(1) 165 cu. yds. remove and replace heavy riprap;
(2) 500 cu. yds. structural excavation
(3) 1648 lin. ft. timber bridge railing;
(4) 1310 cu. yds class A portland cement concrete;
(5) 722,000 lbs. structural steel;
(6) 7610 lin. ft. furnish concrete piles;
(7) 136 each drive piles;
(8) 216,000 lbs. bar reinforcing steel;
(9) miscellaneous items of work.
Specifisations obtainable from the state highway engineer, Public Works Bldg., Sacramento.

34—DAMS, RESERVOIRS & DREDGING

3/19/46 ** 34
BIDS WANTED
SUISUN, Solano Co., Calif.—Until April 25, 2 P. M., bids will be received by the U. S. Engineer Office, Wright Bldg., Sacramento, under Spec. 1215 for dredging to enlarge Suisun Channel from Suisun Bay to the Port of Suisun.
The work involves:
(1) 879,500 cu. yds. dredging;
(2) lump sum, rock removal.
Specifications obtainable from the above office.

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PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Clayton and Ygnacio Canals Specification No. 1188	Central Valley Project	3-27

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

ALTER and Clean Bldg., 501-7 Howard St., S. F.; Bids open Mar. 20, 10 AM
Mariposa Constr. Co., 1106 Mariposa St., San Francisco (UNderhill 0375)
C. L. Wold Constr. Co., 4412 Fulton St., San Francisco (SKyline 4362)
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317)

Firehouse Addition, San Francisco Naval Shipyard; NOy 13034; Bids close March 20, 11:00 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8810).
A. Farnell Blair Co., Inc., 9 Main St., San Francisco (YUkon 0390)

N. Rothman Factory, South S. F.; Bids open March 22, 11 A. M.
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081)
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Transwestern Constr. Co., Rm. 825, Rialto Bldg., S. F. (DOuglas 5708)
Rademann-Guisto, 40 Ringold St, San Francisco (MArket 8151)
Peter Kiewit Sons' Co, 442 Post St., San Francisco (EXbrook 5736)
Empire Constr. Co., 344 Harriet St., San Francisco (HEmlock 3400)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Garage, R. Casazza, Lomita Park; Bids open March 22, 11 A. M.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)

Superstructure for Ordnance Shop, San Francisco Naval Shipyard; NOy 12968; Spec. 17152; Bids open March 20, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
E. S. McKittrick Co., 610—16th St., Oakland (TWin Oaks 5070).
M & K Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
A. Farnell Blair Co., Inc., 9 Main St., San Francisco (YUkon 0390).
Moore & Roberts, 693 Mission St. San Francisco (GArfield 8579).
Peter Kiewit Sons' Co., 442 Post St., San Francisco (EXbrook 5786).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440)

Remodel Fortuna Market, 18th and Connecticut, S. F.; Bids open March 22
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070)

Warehouse and Office, Firebrick Supply, 18th and Indiana Streets, San Francisco; Bids open March 27, 3:00 P. M.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070)

CONTRACTORS . . .
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ADVANCE CONSTRUCTION REPORTS

34—DAMS, RESERVOIRS & DREDGING

3/19/46 • • 34
BIDS OPENED

SHOSHONE PROJECT, Wyo.—As previously reported, Wyoming Construction Co., Laramie, Wyo., at $90,041.50 submitted low bid on Sch. 1, and Otis Williams & Co., Helena, Mont., at $124,392.80 submitted low bid on Schedules 2 and 3 to the Bureau of Reclamation, Cody, Wyo., Mar. 7 for the construction of earthwork and structures, Heart Mountain Canal, Sta. 1227 plus 00 to Sta. 1411 plus 50, Lateral H-65-12 extension, Sta. 88 plus 60.78 to Sta. 155 plus 00; Laterals H-122, H-130, H-136, H-141, H-414-1 and H-141-17; Alkali Creek drain, storm water drain "A" and storm water drain "C", Heart Mountain division, Shoshone project, Wyo.; Spec. No. 1164. The work is situated 4 to 17 miles northerly from Cody, Wyo.

Total bids were:

Sharrock & Pursel, Casper, Wyo., Sched. 1, $87,128.10; Sched. 2, $100,-849.50; Sched. 3, $28,499.50; total, $216,477.10.

Otis Williams & Co., Helena, Mont. (1) $105,470.30; (2) $91,574.70; (3) $32,818.10; total, $229, 863.10.

Barnard - Curtis Co., Minneapolis, Minn., (1) $104,570.50; (2) $103,306.75; (3) $34,782; total, $242,659.25.

Marshall & Haas, San Mateo, Cal., (1) $124,528; (2) $121,397; (3) $36,-305.50; total, $282,234.50.

Geo. R. Stacy, Klamath, Falls, Ore., (1) $146,273.50; (2) $107,709; (3) $38,704.50; total, $292,687.

Malcolm G. Long, Billings, Mont., (1) $124,583; (2) $141,642; (3) $40,862; total, $307,087.

Wyoming Constr. Co., Laramie, Wyo., (1) $90,041.50; (2) $120,435; (3) no bid.

John H. Cox and V. B. Smith, Worland, Wyo., (1) no bid; (2) $142,870.50 (3) $42,067.50; total, $18,938 (Scheds. 2 and 3 only).

3/19/46 • • 34
BIDS OPENED

CENTRAL VALLEY PROJECT.—Consolidated Steel Corp., 5700 South Eastern Ave., Los Angeles, at (1) $110,350; (2) $23,800; total, $134,150 submitted low bid to the Bureau of Reclamation, Friant, Calif., under Spec. 1154 for furnishing labor and materials and performing all work for the installation of drum gates, control equipment and miscellaneous metal work and dismantling steel trestle at Friant Dam, Friant Division, Central Valley Project. Work is situated on the San Joaquin River amout 1½ miles northeast of Friant.

Item are as follows:

(1) installation and testing of drum gates, control equipment & miscellaneous metal work;
(2) dismantling steel trestle.

Bids submitted were:

Consolidated Steel Corp., Los Angeles, (1) $110,350; (2) $23,800; total, $134,150.

Judson Pacific-Murphy Corp., San Francisco, (1) $161,740; (2) $36,993; total, $198,733.

American Bridge Co., Denver, (1) $203,690; (2) $32,640; total, $236,330.

T. E. Connolly, Inc., San Francisco, (1) $240,000; (2) $71,250; total, $311,250.

3/19/46 •• 34
BIDS ON FILE

MISSOURI BASIN PROJECT, Wyoming.—Complete bids submitted to the Bureau of Reclamation, Casper, Wyo., under Spec. 1151 for construction of Kortes dam and power plant, Kortes Unit, Missouri Basin Project, Wyoming, are on file for examination at the office of DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco.

3/19/46 •• 34
PROSPECTIVE BIDDERS

MOSS LANDING, Monterey Co., Calif. — The following contractors have taken out plans for dredging and jetty construction at Moss Landing Harbor, Monterey Bay, for which bids will be opened March 21, 2 P. M., by the U. S. Engineer Office, 74 New Montgomery St., San Francisco, under Serial No. 04-203-46-5:

Duncanson-Harrelson Construction Co., DeYoung Bldg., San Francisco.

Ben C. Gerwick, Inc., 112 Market St., San Francisco.

Healy - Tibbitts Construction Co., 1100 Evans Ave., San Francisco.

Macco Construction Co., Freight and Ferry Sts., Oakland.

M. B. McGowan, Inc., 625 Market St., San Francisco.

J. D. Proctor, Box 247, Point Richmond Station, Richmond.

American Dredging Co., 1419 Broadway, Oakland.

Case - American Construction Co., 2331 Blanding, Alameda.

Hydraulic Dredging Co., Ltd., 1221 Central Bank Bldg., Oakland.

Olympian Dredging Co., 525 Market St., San Francisco.

San Francisco Bridge Co., 502 Market St., San Francisco.

Franks Dredging Co., 260 California St., San Francisco.

Associated Dredging Co., Merchants Exchange Bldg., San Francisco.

Granite Construction Co., Box 900, Watsonville.

Morrison-Knudsen Co., 111 Sutter St., San Francisco.

M. & K. Corp., Financial Center Bldg., San Francisco.

Fredrickson & Watson Construction Co., 873 81st Ave., Oakland.

Guy F. Atkinson Co., Orange and Railroad Aves., South San Francisco.

Case Construction Co., Box 416, Alameda.

3/19/46 • • 34
PLANS ON FILE

CENTRAL VALLEY PROJ.—As previously reportde, until Mar. 27, 10 A. M., bids will be received by U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Antioch, Calif., under Spec. 1188 for the construction of earthwork, concrete lining and structures, Clayton and Ygnacio canals, Contra Costa Canal System, Delta Division, Central Valley Project, California. The work is situated in the vicinity of Concord, Calif.

Bids will be taken as follows:

Bids will be considered on either or both of the following schedules. Bidders may make such stipulations as they desire regarding a combination of the schedules, but no bids will be considered for only a part of either schedule.

Schedule No. 1—Clayton Canal

(1) clearing 5 acres of orchards and vineyards;
(2) grubbing 5 acres of orchards and vineyards;
(3) 47,000 c.y. excav. for canal;
(4) 20,000 sta. cu. yds. overhaul;
(5) 1500 cu. yds. compacting embankments;
(6) 21,000 c.y. excav. for structures;
(7) furnishing, constructing and removing temporary supports under Bay Point and Clayton Railroad to permit construction of siphon;
(8) trimming 27,650 sq. yds. foundations for concrete lining;
(9) 10,000 c.y. backfill;
(10) compacting 7000 c.y. backfill;
(11) 850 c.y. conc. in structures;
(12) 1500 cu. yds. concrete in canal lining;
(13) placing 90,000 lbs. reinforcement bars;
(14) 100 sq. yds. dry-rock paving;
(15) erecting 20 M ft. b.m. timber in structures, except cattle guards;
(16) constructing 1 cattle guard;
(17) laying 50 lin. ft. 15-inch diameter concrete pipe;
(18) laying 600 lin. ft. 18-in. diameter concrete pipe;
(19) laying 200 lin. ft. 24-in. diameter concrete pipe;
(20) laying 30 lin. ft. 30-in. diameter concrete pipe;
(21) installing 1500 lbs. gates;
(22) installing 2200 lbs. misc. metal work;

Schedule No. 2—Ygnacio Canal

(23) clearing 10 acres of orchards;
(24) grubbing 10 acres of orchards;
(25) 35,000 c.y. excav. for canal;
(26) 10,000 sta. c.y. overhaul;
(27) compact 1500 c.y. embankment;
(28) 6500 c.y. common excav., for structures;
(29) trimming 21,500 s.y. foundations for concrete lining;
(30) 6000 c.y. backfill;
(31) compacting 3400 c.y. backfill;
(32) 440 c.y. concrete in struc.;
(33) 1175 c.y. concrete in canal lining;
(34) placing 50,000 lbs. reinf. bars;
(35) 200 s.y. dry-rock paving;
(36) erecting 44 M ft. b.m. timber in structures, except cattle guards
(37) constructing 10 cattle guards;
(38) laying 900 l.f. 15-in. diam. conc. pipe;
(39) laying 960 l.f. 18-inch do;
(40) laying 240 l.f. 24-inch do;
(41) installing 170 l.f. 30-in. diam. concrete pipe;
(42) installing 3800 lbs. of gates;
(43) installing 3000 lbs. misc. metal work.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo.; R. L. Boke, regional director, Old Post Office Bldg., 7th and K Sts., Sacramento 14, Calf.; O. G. Boden, construction engineer, Antioch, Calif., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the construction engineer.

No charge to prospective bidders for copies of the specifications and drawings; to others, $2.75 per copy, not returnable.

A copy of the schedules, specifications and drawings is on file for examination at the office of DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco.

38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

3/19/46 •• 38
BIDS POSTPONED

MISSOURI BASIN PROJECT, Wyoming.—Until April 8, 10 A. M. (bid opening date postponed from March 29), bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. 1200 for the construction of the transmission lines and distribution system for the Boysen Unit, Wyoming, Missouri Basin Project; completion time 60 calendar days. Plans available from the Bureau offices without charge to prospective bidders; to others, $1.25, not returnable.

40— STREETS AND HIGHWAYS

3/19/46 • • 40
CONTRACT AWARDED

SAN FRANCISCO.—Chas. L. Harney, 625 Market Street, at $7,513.20 awarded contract by the Department of Public Works, Room 282, City Hall under Spec. No. 20,024 for improvement of Pacheco Street bet. 42nd and 43rd Avenues.

3/19/46 • • 40
CONTRACT AWARDED

EL DORODO COUNTY, Calif.—H. Earl Parker, 12th and F Sts., Marysville, at $470,032.50 awarded contract by the Public Roads Administration, 720 Phelan Bldg., San Francisco, for furnishing materials and performing the work for construction of Project Calif. FH 32-K, Placerville - Lake Tahoe, Eldorado National Forest, El Dorado County. The length of the project is 3.142 miles.

3/19/46 • • 40
BIDS WANTED

IDAHO STATE.—Until March 29, 2 P. M., bids will be received by T. Matt Hally, director of highways, to be opened by the Commissioner of Public Works, Boise, Idaho, for the construction of roadway and drainage structures as follows:

Idaho FAP No. F-35 (6), for the construction of roadbed, drainage structures and a road mix bituminous surface on 1.077 miles of U. S. Highway No. 30-N, through Soda Springs in Caribou County; estimated cost $64,500, including engineering and contingencies.

Idaho FAP Nos. SN-FAI 120 (9), SN-A-FAI 238 (1), and SAP 35-C (3), for the construction of the roadbed and drainage structures, including a 119.8-ft. concrete arch bridge on 15.668 miles of the North Side Highway, between Bliss and Wendell in Gooding County; estimated cost $672,500, including engineer and contingencies.

Idah FAS Project No. FAS 16 (4), for construction of roadbed, drainage structures and crushed gravel surfacing on 2.829 miles of the Colburn-Culver Road, Bonner County; engineer's estimate, $45,000, including engineering and contingencies.

Idaho FAP No. F-139 (5) and Miscellaneous Project M-1421, for the construction of roadbed, drainage structures and road mix bituminous surfacing on 2.015 miles and resurfacing with crushed rock 2.45 miles of Highway U. S. 95 (alternate), between Mashburn and St. Maries, in Benewah County; estimated cost, $145,800.

Plans available from the above office upon payment of $5 for each set.

3/19/46 •• 40
CONTRACT AWARDED

CONTRA COSTA COUNTY, Calif. —Guy F. Atkinson Co., Orange and Railroad Aves., South San Francisco, at $209,469.50, awarded contract by State Director of Public Works C. H. Purcell, Public Works Bldg., Sacramento, for about 2.3 miles in length to be graded and paved with portland cement concrete in Contra Costa County between Concord Ave. and four-tenths mile west of Ohmer Station.

This is a national defense contract.

3/19/46 •• 40
BIDS WANTED

SISKIYOU COUNTY, Calif.—Until April 10, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about 7.8 miles surfacing with plant - mix surfacing between Shasta River and Gazelle in Siskiyou County.

The work involves:

(1) 2800 tons minimum aggregate plant-mix surfacing;
(2) 115 tons paving asphalt plant-mix surfacing;
(3) 550 tons processing minimum aggregate plant-mix surfacing;
(4) 38 tons processing paving asphalt plant-mix surfacing;
(5) 475 tons minimum aggregate choker;
(6) 37 tons liquid asphalt RC-2 tack coat.

The state will furnish 550 tons of minimu maggregate and 38 tons of paving asphalt for use in plant-mix surfacing.

Specifications obtainable from the above office.

3/19/46 • • 40
BIDS WANTED

LASSEN COUNTY, Calif. — Until April 10, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about 13.8 miles surfacing with imported gravel base and plant-mix surfacing between Viewland and Secret Valley, Lassen County.

The work involves:

(1) develop water supply and furnish water equipment;
(3) 8600 tons imported gravel base;
(2) 260 M gallons apply water;
(4) 138 tons paving asphalt 200-300 seal coat;
(5) 1300 tons screenings seal coat;
(6) 56 tons liquid asphalt RC-2 tack coat and seal coat;
(7) 100 tons liquid asphalt SC-2 prime coat;
(8) 1455 tons paving asphalt 200-300 plant-mix surfacing;
(9) 20,800 tons minimum aggregate plant-mix surfacing.

Specifications obtainable from the above office

3/19/46 • • 40
BIDS WANTED

CONTRA COSTA COUNTY, Cal.—Until April 10, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, State Highway Engineer, Public Works Bldg., Sacramento, for about 10.1 miles of widening shoulders with imported borrow and surfacing with plant mix surfacing and penetration treatment and widening a bridge on portions of highway between Pittsburg and 4 miles east of Brentwood, Contra Costa County.

Work involves:

(1) 40 c.y. remove concrete;
(2) 470 c.y. struc. excav.;
(3) 28,000 tons imported borrow;
(4) develop water supply and furnish water equip.;
(5) 450 M. gals. apply water;
(6) 420 tons crusher run base;
(7) 130 tons liq. asph. SC-1 pene. treatment;
(8) 100 tons liq. asph. SC-3 pene. treatment;
(9) 30 tons asph. emulsion paint binder and seal coat;
(10) 450 tons sand seal coat and pene. treatment;
(11) 2,500 tons plant mix surf.;
(12) 84 l.f. timber bridge railing;
(13) 111 c.y. class A portland cem. conc. struc.;
(14) 2,000 lbs. misc. iron and steel;
(15) 9,300 lbs. bar reinf. steel;
(16) 60 l.f. temp. timber railing;
(17) 38 each culvert markers and guide posts;
(18) 51 each move and reset exist. markers and guide posts;
(19) 590 l.f. 8-in. CMP, 16 gage;
(20) 244 l.f. 12-inch do;
(21) 12 l.f. 18-inch do;
(22) 36 l.f. 24-in. CMP 14 gage;
(23) 16 l.f. 36-in. CMP 12 gage;
(24) 15 each spillway assemblies;
(25) 20 l.f. salvage exist pipe culverts
(26) 20 l.f. relay salvaged do.

Specifications obtainable from the above office.

3/19/46 •• 40
BIDS WANTED

HUMBOLDT COUNTY, Calif.—Until April 10, 2 P. M., bids will be received by the State Division of Highway, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about 4 miles reinforcing base and surfacing with plant-mix surfacing between Loleta and Fields Landing in Humboldt County.

The work involves:

(1) develop water supply and furnish water equipment;
(2) 242 M gallons apply water;
(3) 2000 lin. ft. drainage trenches;
(4) 2 sta. scarify and reshape existing roadbed;
(5) 4600 cu. yds. base material, type "A";
(6) 2300 cu. yds. base material, type "B";
(7) 22 tons liquid asphalt SC-2 prime coat;
(8) 98 tons sand prime coat;
(9) 605 tons paving asphalt plant-mix surfacing;
(10) 12,100 tons minimum aggregate plant-mix surfacing;
(11) 85 tons asphaltic emulsion paint binder and seal coat;
(12) 660 tons screenings seal ocat;
(13) 28 each move and reset marker posts.

Specifications obtainable from the above office.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Machinery and Equipment	43

42— MISC. SUPPLIES AND MATERIALS

3/19/46 • • 42
BIDS WANTED

EMMETT, Idaho.—Until March 29, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver 2, Colo., under Inv. 21,263-A for stranded conductor and other electrical equipment fob shipping point and/or Emmett, Idaho, Black Canyon "C" Line pumping plant transmission line, 69-kv.

Specifications obtainable from the the above office.

3/19/46 • • 42
BIDS WANTED

KINGMAN, Ariz.—Until March 29, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Inv. 7255-A, for furnishing universal pole band, cone-head bolts, etc., fob shipping point and/or Kingman, Ariz.

Specifications obtainable from the the above office.

3/19/46 • • 42
CONTRACTS AWARDED

CENTRAL VALLEY PROJECT, California.—General Electric Co. was awarded contract at $221,194.10 (items 1, 2 and 4), and Graybar Electric Co. was awarded contract at $39,795 by the Bureau of Reclamation, Denver, Colo., for furnishing four 230/196-kilovolt, 800-ampere, 3-pole, single-throw, outdoor type, 5-cycle oil circuit breakers; one of same for automatic reclosing; five 196-kilovolt, 1200-ampere, outdoor type, disconnecting switches, and miscellaneous lightning arresters for Shasta and Keswick power plants, Kennett Division, Central Valley Project, California; Specification No. 1144. Bids were received February 1.

3/19/46 •• 42
BIDS OPENED

SAN FRANCISCO.—San Francisco Water Department, 425 Mason St., San Francisco, at (1) $92.65, (2) $143.75, net 120 days, submitted low bid to the Purchaser of Supplies, 270 City Hall, under Bid No. 3506 for furnishing and delivering 10 6-in. and 10 8-in. detector check valves for the San Francisco Water Department.

Hersey Manufacturing Co. at (1) $142.38, (2) $252, 2% 30 days, delivery six months, submitted only other bid.

3/19/46 • • 42
BIDS OPENED

DENVER, Colo.—The Bureau of Reclamation, Denver, received bids March 14, for furnishing electrical equipment fob shipping point or fob Phoenix, Ariz., for the Phoenix-Tucson transmission line No. 2; Inv. 7231 A, as follows:

SCHEDULE No. 1

(1) 4500 H-frame phase fittings;
(2) 200 H-frame phase fittings;
(3) 400 W-type tie plates;
(4) 5000 H-frame ribbed tie plates;
(5) 5200 H-frame flat gain plates;

SCHEDULE No. 2

(6) 3500 H-frame suspension clevis;
(7) 350 angle brackets;
(8) 30 extension brackets;
(9) 45 dead-ending loops.

Bids were:

Mine & Smelter Supply Co., Emeryville, Calif., (1) $130, (2) $130, (3) $300, (4) $25, (5) $21, (6) $67, (7) $84, (8) $84 (9) $125; delivery 12 months; 2% 20 days.

Graybar Electric Co., fob Emeryville, Calif., same as above.

Consolidated Steel Corp, fob Los Angeles, (1) $172, (2) $194, (3) $200, (4) $35, (5) $33.50; delivery 50 days; net.

Hughes Bros, fob Seward, Neb., (1) 124, (2) 124, (3) $220, (4) $23, (5) 20, (6) 65, (7) $90, (8) $90, (9) $80; delivery 45 days; 1% 20 days.

Rockwell Engrg. Co., fob Chicago, (1) $121, (2) $121, (3) $245, (4) $27, (5) $27, (6) $63.50, (7) $81, (8) $81, (9) $75; delivery 120 days; net.

3/19/46 •• 42
BIDS POSTPONED

BOULDER CANYON PROJECT, Arizona-California-Nevada. — Until March 20, 2 P. M. (bid opening date postponed from March 15), bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. 1224 for furnishing f.o.b. cars at shipping point or f.o.b. cars at Boulder City, Nev., at the option of the bidder, runners with filler rings and one set spare wearing rings for Boulder power plant, Boulder Canyon Project, Arizona-California-Nevada.

3/19/46 •• 42
BIDS POSTPONED

ODAIR, Wash.—Until March 21, 2 P. M. (postponed from March 18), bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Inv. F-38,491-A for 350,000 bbls. modified portland cement in paper sacks, f.o.b. shipping point and/or Odair, Wash., South Coulee Dam feeder canal, pumping plant and miscellaneous.

3/19/46 •• 42
BID OPENED

SAN FRANCISCO. — A. L. Long Machinery Co., at (1) $41.72, (2) $37.11, (3) $26.40, net 30 days, submitted only bid to the Purchaser of Supplies, 270 City Hall, under Bid No. 4405 for furnishing and delivering refills for street sweepers for the term May 1, 1946, to April 30, 1947.

3/19/46 •• 42
BIDS WANTED

SAN FRANCISCO. — Until March 29, 3 P. M., bids will be received by the Purchaser of Supplies, 270 City Hall, under Bid No. 3510 for furnishing and delivering 200 rolled steel car wheels for the Municipal Railway.

Specifications obtainable from the above office.

3/19/46 •• 42
NOTICE OF SALE

SAN FRANCISCO. — Until March 29, 10 A. M., bids will be received by the Navy Material Redistribution and Disposal Office, 785 Market St., San Francisco 3, under Sales No. B-326-46 for sale of miscellaneous material (scuttles, valves, Douglas fir doors and frames, window sashes, lighting fixtures, steel drums and steel containers), located at Chicago Bridge & Iron Co. plant, Eureka.

3/19/46 •• 42
BIDS WANTED

SAN FRANCISCO.—Until April 1, 2 P. M., bids will be received by the U. S. Forest Service, 447 Sansome St., San Francisco 11, under Bid No. 387 for gas pumps, f.o.b. Mt. Shasta.

3/19/46 •• 42
BIDS WANTED

SAN FRANCISCO. — Until March 29, 3 P. M., bids will be received by the Purchaser of Supplies, 270 City Hall, under Bid No. 3511 for furnishing and delivering springs for the Municipal Railway.

Specifications obtainable from the above office.

3/19/46 •• 42
BIDS WANTED

SAN FRANCISCO.—Bids will be reeeived by the U. S. Treasury Department, 821 Market St., San Francisco, for materials as follows:

March 29, 2 P. M.

Inv. SF-2860-46: 700 McLeod tools, f.o.b. San Francisco.

April 5, 2 P. M.

Inv. SF-2881-46: 144 telephone line fuses, f.o.b. San Francisco.

3/19/46 •• 42
NOTICE OF SALE

SAN FRANCISCO. — Until March 29, 10 A. M., bids will be received by the Navy Material Redistribution and Disposal Office, 785 Market St., San Francisco 3, under Bid No. B-320-46 for sale of contaminated ferrous scrap and unprepared non - ferrous scrap, located in Oakland and San Francisco.

3/19/46 •• 42
BIDS WANTED

COLUMBIA BASIN PROJECT, Washington.—Until April 19, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1214 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Odair, Wash., at the option of the bidder, aluminum folding doors for service bay RS; aluminum framing members for glass-block windows, units R1 to R9, inclusive, and service bay RS, in the Grand Coulee power plant, Columbia Basin Project, Washington. All of the materials will be installed by the government. No charge for copies of the specifications to prospective bona fide bidders; to others, $1, not returnable.

3/19/46 • • 42
BIDS WANTED

PANAMA CANAL.—Until Mar. 27, bids will be received by the General Purchasing Officer, The Panama Canal, Washington 25, D. C., under Sch. 8217 for 5000 high tension insulators: 600 marine type junction boxes and 100 water-tight marine type receptacles.

3/19/46 • • 42
BIDS WANTED

PANAMA CANAL.—Until Mar. 25 bids will be received by the General Purchasing Officer, The Panama Canal, Washington 25, D. C., under Sch. 8212, for two steel and iron stairways; 2 steel rolling doors for opening 6 ft. wide by 8 ft. high; hardware for sliding doors; 4 brackets, 4 end brackets, 2 pcs. track, 4 hangers and 2 roller guides; 1 complete set of hardware with all necessary operating parts for manually operated folding partition; locks and lock trim; 32 kick plates; 10 pieces spring hinges; automatic exit hardware; 28 jalousies, with screen sash and no screen sash; 400 glass blocks; 80 l.f. wall tiles; 20 l.f. wall anchors; 1 lot calking compound for glass blocks; 75 l.f. expansion strips; 30 sq. ft. floor tile; 290 pcs. clear wire glass; 2 units of steel shelving; 10 ft. long by 4 ft. high; 12 railing fittings; 102 l.f. wall panel diving trim, and 6 basketball goals.

3/19/46 • • 42
BIDS WANTED

SAN FRANCISCO.—Until Mar. 25, bids will be received by the General Purchasing Officer, The Panama Canal, Washington 25, D. C., for six portable watchman clocks and 20,000 lbs. of babbitt metal; Sch. 8214.

43— MACHINERY AND EQUIPMENT

3/19/46 • • 43
BIDS POSTPONED

PARKER DAM PROJECT, Arizona-California.—Until March 27, 2 P. M. (postponed from March 20), bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1197 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Earp, Calif., one 69,000-volt, 600-ampere, 1,000,000-kv-a., 3-pole, single-throw, outdoor type oil circuit breaker for the Indian Service substation, Parker Dam Power Project, Arizona - California. The oil circuit breaker will be installed by the government. No charge for copies of the specifications to prospective bona fide bidders; to others, $0.75, not returnable.

3/19/46 • • 43
LOW BIDDER

HUNGRY HORSE PROJECT, Montana. — Green Lumber Co., Laurel, Minn., at (Sch. II, Item 3) $132,100, (Item 4) services of supervisor, $25 per day, submitted low bid to the Bureau of Reclamation, Denver, Colo., under Spec. 1191 for furnishing and delivering 50 2-bedroom prefabricated portable and demountable houses for the Hungry Horse government camp, Hungry Horse Project, Montana, f.o.b. shipping point and/or Columbia Falls, Mont., or furnishing and delivering by trucks at the building site at government camp, five miles east of Columbia Falls, Mont.

3/19/46 • • 43
LOW BIDDERS

MISSOURI BASIN PROJECT, Wyoming.—Convertable Homes, Inc., Denver, at (Sch. 2, Item 3) $33,476.25, (4) services of supervisor, $25 per day, submitted low bid to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1196 for furnishing and delivering by trucks at the building site at Kortes government camp, located near Kortes, Wyo., or by rail f.o.b. cars at the shipping point or f.o.b. cars at Casper, Wyo., 15 2-bedroom prefabricated or precut houses for the Kortes government camp, Missouri Basin Project, Wyoming. Houses framed and/or finished with metal and of equivalent construction will be considered. The houses will be erected by the government.

Green Lumber Co., Laurel, Miss., at (Sch. 2, Item 3) $39,750, (4) services of supervisor, $20 per day, submitted second low bid.

3/19/46 • • 43

CENTRAL VALLEY PROJECT.—Until April 19, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1253 for furnishing and delivering fob cars at the shipping point or fob cars at Coram, Calif., fourteen 96-in. outlet gates complete with hoists, motor reducer units, indicators, limit switches, and downstream conduit sections; and two sets of erection equipment, for installation in the river outlets at Shasta Dam, Kennett Division, Central Valley Project. All electrical control equipment and push-button stations will be furnished by the Government. The outlet gates will be installed by the Government. No charge for copies of the specifications to prospective bonda fide bidders; to others, $1.50, not returnable.

3/19/46 • • 43
LOW BIDDER

MISSOURI BASIN PROJECT, Wyoming.—Green Lumber Co., Lauber Co., Laurel, Miss., at (Sch. 2, Item 3) $105,680, (4) services of supervisors, $20 per day, submitted low bid to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1193 for furnishing and delivering by trucks at the building site at Boysen government camp, situated about 13 miles north of Bonneville, Wyo., or f.o.b. cars at the shipping point or f.o.b. cars at Bonneville, Wyo., 40 two-bedroom, prefabricated, portable and demountable houses for Boysen government camp, Missouri Basin Project, Wyoming. The houses will be erected by the government.

3/19/46 •• 43
BIDS OPENED

CENTRAL VALLEY PROJECT, California.—Bids were received by the Bureau of Reclamation, Custom House, Denver, Colo., February 25, for furnishing bulkhead gate guides, floor frames and plates for installation at Keswick dam and power plant, Central Valley Project; Invitation No. 33,272-A.

The unit prices were:

Taylor & Spotswood Co., f.o.b. destination, ship Los Angeles, (Sch. 2) (10) $2775, (11) $209.25, (12) $517.86, (13) $890.24.

Rockwell Engineering Co., f.o.b. Chicago (Sch. 1) (1) $162.50, (2) $1198, (3) $828, (4) $1052, (5) $1895.70, (6) $107, (7) $49, (8) $1287.50, (9) $96.

Schmitt Steel, f.o.b. Portland, Ore., (Sch. 1) (1) $196, (2) $2083, (3) $530, (4) $1870, (5) $3220, (6) $80, (7) $14.40, (8) $1310, (9) $80.

Berkeley Steel Construction, f.o.b. Berkeley, (Sch. 1) (1) $220, (2) $1364, (3) $485, (4) $2568, (5) $2750, (6) $120, (7) $15, (8) $1880, (9) $110.

Irving Subway Grating Co., f.o.b. destination, ship Emeryville, (Sch. 2) (10) $2385.24, (11) $214.95, (12) $482, (13) $3.98.

J. W. Beam, f.o.b. Peotone, (Sch. 1) $8115 total.

Omaha Steel Works, f.o.b. Omaha, (Sch. 1), (1) $208, (2) $1312, (3) $447, (4) $2681, (5) $1938, (6) $141, (7) $46, (8) $2152, (9) $97; (Sch. 2) (1) $41.12, (2) $287.89, (3) $416.54, (4) $3.45.

3/19/46 •• 34
BIDS WANTED

LITTLE ROCK, Ark.—Until March 22 bids will be received by the U. S. Engineer Office, Col. Roy D. Burdick, district engineer, Little Rock, Ark., for construction of an earthfill dam involving about 4,400,000 cu. yds. of embankment and about 600,000 cu. yds. of spillway excavation for the Clearwater dam on the Black River, 7 miles southwest of Piedmont, Mo.; Inv. No. 46-39.

SCOOPMOBILE

- Opens new channels for Mechanized Material handling.
- Scoopmobile ATTACHMENTS and SCOOPS are all designed to be interchangeable.
- Scoops are quickly and easily removed and any attachment easily installed by simply removing and replacing two pins.

MIXERMOBILE
Portable Concrete & Elevating Plant
BUGGYMOBILE
Powered Concrete Buggy
SCOOPMOBILE
Scoops, Lifts, Moves and Loads

¾ cubic yard Hopper for transporting, elevating and pouring concrete.
Lifting arms for handling or loading concrete blocks.
Lifting arms, with six detachable arms.
Lifting boom.

FOR COMPLETE INFORMATION CALL
RHODES & JAMIESON, Ltd.
BUILDING MATERIALS • READY MIXED CONCRETE
Foot of 23rd Avenue OAKLAND KEllog 3-5225

FREE DIRT
Approximately 50 Yards
LOUIS C. DUNN COMPANY
Phone YUkon 1471

MACHINERY WANTED
Semi - Trailer, 20 - 25 ton Capacity
STRONG & MacDONALD
4045 RUSTON WAY - TACOMA, WASHINGTON

WASHDAY

can tell you a lot about your Water Heater

How does your water heater "size up" on washday? If family use of hot water in bathrooms or kitchen drains down your water heater so you must wait or do your laundry with luke-warm water, your water heater is too small.
Modern homes need a water heater with at least 30 gallons water storage capacity. • When you build a new or remodel your present home be sure to have your plumber "size up" your hot water needs according to the chart below.

How to "Size up" Hot Water Requirements
Minimum Recommendations for Normal, Average Hot Water Service.

Number Bathrooms	Number Bedrooms	Storage Capacity Gallons
1	1 or 2	30
1	3 or 4	40
2	2 or 3	40
2	4 or 5	50
3	3	50
3 or 4	4 or 5	75

Remember, too, a large size water heater costs very little more to operate. It more than pays for itself in worry-free hot water service for the whole family.

P·G and E PACIFIC GAS AND ELECTRIC COMPANY
GE4W-346

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS
Applications

SAN FRANCISCO

ALTER DEPARTMENT STORE, $100,000; S Geary 75 E Powell; owner, Dohrmann Commercial Co, 984 Mission St; builder, W C Tait Co, 461 Market St; architect, Albert Williams, 251 Post St.

CLASS "C" BUILDING, $22,000; W Main 130 N Folsom; owner, Guittard Chocolate Co, 1502 Financial Center Bldg; builder, Cahill Bros; architect, W P Day, Financial Center Bldg.

DWELLING (2-story frame), $21,000; S Pacific 80 E Spruce; owner, Richard Walberg, 225 Bush St; builder, Swinerton & Walberg Co, 225 Bush.

ALTER STORE, $13,000; 4440 Mission St; owner, Shell Drug Co, prem; builder, Swinerton & Walberg Co, 225 Bush St.

FLATS (2-story frame), $8000; N 25th St 100 E Fountain; owner, M Rocktchell, 744 Harrison; builder Coast Building Co, 744 Harrison.

FLATS (2-story frame), $6200; S Taraval 57.6 E 39th Ave; owner, S E Carlson, 1601 34th Ave; builder, G E Carlson Co, 1601 34th Ave.

ALTER SHOP BUILDING, $6000; rear of 3030 17th St; owner, Leon Nouaux, et al, 30 Oakwood; not let.

DWELLING (1-story frame), $6000; S Montana 75 E Capitol; owners, Mr and Mrs A E Carlson, 328 Cortland Ave; builder, Rite-Way Building Co, 162 Bright St.

ALTER LOFT BUILDING, $6000; 676 Mission St; owner, Dan T Cassidy, 677 Mission; builder, Henry Arian Construction Co, 4142 Geary Blvd.

DWELLING (1-story frame), $5600; E 24th Ave 100 S Kirkham; owner, Mr Sullivan, 271 Laidley St; builder, G E Carlson Co, 1601 34th Ave.

ALTER STORE AND FLAT, $5000; 4507 Mission; owner, Mrs J Keane, prem; builder, Bosnos Construction Co, 4666 Mission St.

ALTER EXTRACT PLANT, $5000; EFolsom 50 N 14th St; owner, King Extract Co, 1779 Folsom St; builder, Barrett & Hilp, 918 Harrison St.

STORE (1-story frame), $3000; W 3rd St 176.2 S Bayview; owner, R Barsottl, 1649 Newark St; day work.

ALTER DWELLINGS (4) $3000 each; N Alemany 192.971, 225.670, 250.670, 275.670 E Liebig; owner and builder, T J Sullivan, 1695 Alemany Blvd; architect, Sam Postil, 3075 Geneva Ave.

ALTER STORE, $2000; 2794 California St; owner, Amelia Cassassa, 73 Stanyan; builder, L Murer, 1274 Quesada.

ALTER CAFE, $2000; 182 S Van Ness Ave; owner, Buller Dick, prem; builder, Rex Cabinet Shop, 1315 Minna St.

LINK TRAINER (1-story frame), $1700; W Mission 250 N Curvier; owner and builder, J P Herlihy, 270 Valley.

ALTER DWELLING, $1500; 2151 15th Ave; owner, H L Michaels, prem; day work.

ALTER DWELLING, $1000; 2301 25th Ave; owner, Mrs Kelly, 2048 Market St; builder, Ira W Coburn, 2048 Market St.

ALTER HOTEL, $800; 351 Geary St; owner, Hotel Stewart, prem; builder, Henry Arian Construction Co, 4142 Geary Blvd.

ALTER DWELLING, $800; 1933 Taraval St; owner, Mr Coleman, prem; builder, McKeon Construction Co, 550 Taraval.

ALTER DWELLING, $750; 393 Paris St; owner, Mariano Marincco, prem; builder, United Roofing & Siding Co, 2906 Mission St.

ALTER STORE, $700; 615 Kearny St; owner, Y W Wong, 617 Kearny St; builder, Larry P Lee, 1104 Stockton.

CAT SHELTER (1-story frame), $500; rear of 130 Swiss Ave; owner, Dr Albert Frohne, 130 Swiss Ave; day work.

ALTER DWELLING, $500; 414 36th Ave; owner, E Goasch, prem; builder, Hamill Construction Co, 4124 Geary Blvd.

ALTER 3 FLATS TO 4 APTS., $500; 790-2-4 Lyon St; owners, Mr and Mrs J Ruggiero, 790 Lyon St; day work.

ALTER dwelling, $1000; 2807 Steiner; owner, Frank L Anderson, prem.

ALTER haverdashery $982; 1050 Taraval St; owner, Harry Rabinovich, prem; contractor, Hill and Smale, 586 6th Ave.

ALTER tavern, $900; SE Pacific and Front Sts; owner, Geo Lagomarsino, co/ contr; contractor, L Salomon, 1734 Broderick St.

ALTER flats, $500; 2950 Divisadero St; owner, T H Lafrenz, premises; contractor, Robt McCarthy, 1050 Kirkham St.

BUILDING PERMITS
Granted

SAN FRANCISCO

MARCH 15, 1946

CLASS C shop bldg, $24,000; SE cor 16th and Missouri Sts; owner, Heil Equipment Co; engineer, George Washington, 417 Market Ct; contractor, Larsen & Larsen, 629 Bryant Street.

STEEL Car wash rack, $1000; South Commercial 100 W Davis St; owner, Linderman Garage; plans by contractor; John Munson & Son, 140 South Park, contractor.

OFFICE and warehouse, Class C, $45,000; SW Cor North Point and Mason Sts; owner and builder, Larsen & Larsen.

DWELLING, 1-story frame, $9600; S Rivera 100 E 17th Ave; owner, John Munson; plans by B K Dobkowitz, 425 Monterey Bvld.

RENOVATE porch and steps, dividing room and changing bathroom and closet, $500; 5$845 Mission St; owner and contractor, John and Alice M Clark.

RESIDENCE, 1-story, $7500; West 16th Ave 225 S Uljoa St; owner and builder, Chas Andersen, 150 Granville Way.

DWELLINGS, two 1-story frame, $6000 each; E 36th Ave 25, 50 N Ortega; owner and bulider, Rude & Lipman, 2 Willard St.

DWELLINGS, two, 1-story frame, S Alemany Blvd 180 ($7000), 155 SW Sickles ($6900); owner and builder, S F Bldg & Mtce Co, 11 Mills Bldg; plans by B K Dobkowitz, 425 Montereyl Blvd.

REPAIR steps and stucco front of bldg, $500; 84 28th St; owner, Edwin Sully; contractor, Wm Peenstra.

DWELLINGS, two two-story frame, $11,400 each; E Laguna St 28.6, 54.6 N California St; owner, Milton H Lees; contractor, Oliver M Rousseau, 725 Tehama St.

ADDITION of coldstorage rooms, machinery and working spaces to bldg, $4000; 1833 Irving St; owner, Ella Keiser; contractor, Mundet Cork Corp, 440 Brannan St.

REMOVE old and install new timber, plastering work in store and dwelling, $1000; 2308 Lombard St; owner, Vera Goldman; contractor, L K Lewis, 4511 19th St.

AUTO truck sales and service, Class C, $37,500; N Folsom E Rausch St; owner, J T Jenkins and L M Jenkins; engineer, Ray N Moore, 617 Bryant St.

CLASS B Vaults, $50,000; S Sacramento 137.8 W Montgomery; owner S F Bank; architect, W D Peugh, 333 Montgomery St; contractor, Barrett & Hilp, 918 Harrison St.

LAY new floor and new partitions, $1500; 144 2nd St; owner, Koret of California; contractor, Hill and Smale, 586 6th Ave.

COVER roof and partition room in basement, $500; 1705 Baker Street owner and contractor, R P Stewart, premises.

ADD sun porch to house, $600; 127 Flood Ave; owner, R Weisner; contractor(, C R Weinser, premises.

ADD dining room and kitchen to bldg, $3000; 2239 Clement Street; owner, Herbert Pastene; architect De Martini & Fgaz; engineer, Judson, Pacific-Murphy Co; contractor, Van Bokkelen - Cole Co, 444 Market St.

CUT openings in walls, install conc. gutters and repair floor of food plant, $3000; 2140 Folsom Street; owner, Puritan Products Co; engineer, A U Saph, Jr; contractor, Adam Arras & Son, 116 New Montgomery St.

REMODEL outside and inside of structure, $1500; 2401 Ocean Ave; owner, Dr Q C Danielski; contractor, Modern Home Bldrs, 4103 24th St.

ADD two bedrooms, kitchen to be rearranged and bath moved, $1250; 530 Bowdoin St; owner and contractor, R W and B J Pearson.

DWELLINGS, six 1-story fr, $5400 each; W 45th Ave 100, 125, 150, 175, 200, 225 S Ortega St; owner and builder, Superior Bldg Co, 1426 Noriega St; plans by B K Dobkowitz, 425 Monterey Blvd.

DWELLING, two 1-story f, $7000 each; E Athens 100, 125 N Brazil; owner, A Schrang; plans by B K Dobkowitz, 425 Monterey Blvd; contractor, Marvery Shirley, 137½ Joost Ave.

ALTER front of bldg and install fixtures, $4000; 1257 Market Street; owner, J Grimes; contractor, Alf P Fisher, 300 Montgomery St.

REMODEL front of tavern, $4000; 2191 Union St; owner, L Ligi.

READING room, 1-story fr, $10,000; S Clement 107.6 E Funston Ave; owner, Fourth Church of Christ; engineer, John K Rode; contractor, E J Elkingston, 33 Sutro Hgts.

ALTER garage into 3-room house, $5000; 1012 Silliman St; owner and contractor, Lucile Pagano.

DWELLING, 1-story frame, $4500; E Tunnel 75 N Blanken; owner and builder, W M Cauley.

CONVERT garage of dwelling to dental office, $1000; 325 Castro St; owner, C W deGuerre.

INDUSTRIAL bldg, Class C, $12,000; SW Cor Minna and Russ Sts; owner, A C LoPrest Co; architect, John H Devitt, 580 Market St; engineer, Henry J Degenkolb, 1746 13th St, Oakland.

DWELLINGS, 16 1-story frame, $5,000 each; E 45th Ave 175, 200, 225, 250 N Santiago; E 45th Ave 150, 175 N Moraga; W 46th Ave 225, 250 N Ortega; N Pacheco 32.6, 82.6 W 47th Ave; N Pacheco 82.6, 107.6 E 48th Ave; E 44th Ave 250 S Santiago; E 44th Ave 100, 125 S Lawton; E 4th Ave 225 S Santiago St; owner and builder, M J King, Inc, 231 Franklin St; architect, J Lloyd Conrich, 558 33rd Ave; (12) at $5700 each; (4) at $5000 each.

FRONT porch of residence, $2300; 18 Bonview St; owner, John McGraw; plans by J W Frey, 345 Vermont St; contractor, Cramer Co, 345 Vermont St.

MEZZANINE floor over front floor area, $2000; 901 Minnesota St; owner, International Paint Company; contractor, Leonard Salomon 1734 Broderick St.

ASBESTOS siding and new steps to flats, $1000; 264 29th St; owner, J W Meixner; contractor, Coast Construction Co, 2171 Market St.

REMOVE glass in front of bldg and remodel entrances leading into bedroom, $800; SW Cor Bay and Powell Sts; owner, Luis Bullo; contractor, J F Ciatti, 1755 Quesada Avenue.

OAKLAND

ADDITION, 1-story steel, $750; 100 MacArthur Blvd; owner and contractor, General Pet Corp, 417 Montgomery St, San Francisco.

ALTER and repairs, $900; 1669 15th St; owner and contractor, David Moore, 332 Chester St.

ALTER, $700; 2014 5th Ave; owner and contractor, John W Major, premises.

ALTER, $500; 2240 Ransome Ave; owner and contractor, Charles Di Bari, premises.

STORE bldg, $975; 9245 E 14th St; owner and builder, B D Van Nader, premises.

SIGN, electric, $500; 1629 Broadway; owner, Dr De Gloria and Dr Revelli, prem; contractor, Spott Elec Co, 576 22nd St.

ADDN, $700; 5356 Calaveras Ave; owner and builder, Mrs Agnes Huff premises.

ADDN to dwelling, $3000; 2115 East 17th St; owner, Jesse Machado, 1650 21st Ave; contractor, W A McLeod, 2430 Durant Ave, Berkeley.

ALTER and addition, $10,000; 3600 Broadway; owner, Val Strough, prem; contractor, Sundberg and Eveleth, 13315 Aurora Drive, San Leandro; architect, I M Johnson, 449 MacArthur Blvd West.

REPAIRS, $3000; 472-4 13th Street; owner and contractor, S P Co.

OFFICE, 1-story, $8000; 9201 San Leandro St; owner, Pacific Pumping Co, 954 Howard St, San Francisco; contractor, Empire Constr Co, 344 Harriet St, San Francisco.

MARQUEE, $1900; 1011 Broadway; owner, A Barnett, prem; contractor, Brumfleld Elec Sign Co, 965 Folsom St, San Francisco.

FACTORY, 1-story, $2650; 3404 San Leandro St; owner, M A Castro, 3400 San Leandro; contractor, H H Kruse, 5311 Wentworth Ave; architect, I M Johnson, 449 MacArthur Blvd West.

ALTER, $1500; 1723 Chestnut St; owner, J Tallrer, prem; contractor, Calif Rfg & Cont Co, 1630 Webster St.

DWELLING, 1-story 6-room, $9500; 2339 Thackery Dr; owner and contractor, John Moxan, 1601 Lincoln Ave, Alameda.

ADDITION, $14,000; 2340 Lakeshore Ave; owner, Walter Grandona, 2340 Lakeshore Ave; contractor, Van Bokkelen-Cole Co, 955 22nd Street; plans by D S Johnson, 955 22nd St.

ALTER, $3000; 5315-17 Grove St; owner, L Amos, 424 60th St; contractor, Economy Bldrs, 476 37th.

ADDITION, 1-story concrete, $30,000; 955 57th St; owner, Frozen Foods Distrib, premises; contractor, Christensen and Lyons, 3454 Harlan St; architect, Alben Froberg, 3454 Harlan St.

ALTER, $3000; 5105 Dover Street; owner, Childrens Hospital of East Bay, prem; contractor, Christensen & Lyons, 3454 Harlan Street; architect, Stone & Mulloy, 381 Bush St, San Francisco.

DWELLING, 1-story 2-room, $1500; 4206 Gregory St; owner and contractor, Martin Otter, 164 Santa Clara Ave.

ALTER dwelling, $1800; 1841 East 19th St; owner, A Silva, premises; contractor, Q V Pereira, 3301 Columbian Dr.

ALTER, $1000; 3820 38th Ave; owner, C Barker, 3807 Loma Vista Ave contractor, R G Wolf, 3943 Vale.

DWELLING, 1-story 5-room, $5000; 1131 104th Ave; owner and builder, P M Farmer, 10317 Royal Ann.

STORES, one-story, $60,830; 542-553 Grand Ave; owner, Foster Weeks, 1727 Franklin St; contractor, Empire Constr Co, 344 Harriet St, S F.

MARQUEE Sign, $5800; 1011 Broadway; owner, A Barnett, Rex Theatre, prem; contractor ,Brumfield Elc Sign Co, 965 Folsom St, S F.

SOUTH SAN FRANCISCO

DWELLING, six-room, $8550; High School Park; owner, G Raphaele; contractor, A Pianca, 609 Pine Ter.

STORAGE shed, 30x48-ft. wood fr CI, $1965; South Linden Ave; owner, A Calegari; contractor, A Pianca.

BERKELEY

RUMPUS ROOM, $3000; 1811 Arch; owner, Wm Keasby, 1811 Arch St; contractor, Sharp & Neidermeyer, 2361 Garvin Ave, Richmond.

ADDN, $4500; 1345 Parker; owner, E L Herbert, prem; contractor, Federal Modern & Bldg Co, 608 16th St.

ALTER, $900; 2010 Prince; owner, W R White, premises; contractor, Oliver & Coburn, 1006 Pardee.

ALTER, $8000; 2401 Dowling Place; owner, Dr E A Toconetti and Dr B W Pavone, 241 Glenmore Glade, Oakland; contractor, H T Paige, 5651 Oak Grove Avenue, Oakland; plans by L F Hyde.

ALTER, $11,000; 2471 Shattuck Ave; owner, Webb Motor Co, premises; contractor, W F Lynn, 1040 Folger Ave; plans by Jos W Plachek.

ADDN, $6000; 2535 Buena Vista; owner, F J Carmody, prem; contractor, F A Younger, 2334 38th Ave, Oakland.

GARAGE, $600; 2921 Grove Street; owner and builder, R B Simpson, 2921 Grove St.

DUPLEX, $11,000; 1819 Francisco; owner, F Dubois, prem; contractor, Calif Constr Co, 3380 Adeline.

ROOFING, $779; 2939 Dwight; owner, U of C, Berkeley; contractor, Atlas Rfg Co, 5000 E 14th Street, Oakland.

REPAIRS, $985; 866 Spruce Street; owner, Henry J Hansen, premises; contractor, Acteen Chem Service, 2nd and Addison.

ALTER, $500; 2314 Grove; owner and contractor, City of Berkeley, 2134 Grove St.

ALTER, $2200; 1156 Arch; owner, Etcheverry, prem; contractor, A Garnero, 2505 Panhandle, Richmond; architect, A A Cantin, 704 Market St, San Francisco.

ALTER, $500; 1891 Harmon; owner and contractor, E G Ogle, 1740 Walnut.

REPAIRS, $1200; 1511-C Fairview; owner, W J Taylor, 2732 Dohr; contractor, Van Bokkelen - Cole, 955 22nd St, Oakland.

PALO ALTO

RESIDENGE, two-story and garage, $22,500; 510 N California Avenue; owner, Dr C L Carlisle, Veterans Hospital; contractor, Wells Goodenough, 49 Wells Ave.

GARAGE, type 3, $3000; 135 Addison Ave; owner and builder, Nichols & White, 156 University Ave.

ALTER garage, $600; 2331 Tasso St; owner, John Gallaher; contractor, H S Shelton, 940 Woodland Ave.

RESIDENCE, 1-story, $3600; 933 Addison Ave; owner and builder, R E Welles, 935 Addison Ave.

ALTER residence, $1000; 2480 Bryant St; owner, Donald Doane; contractor, Lindley Constr Co, 332 El Camino Real.

ALTER busines bldg, $20,000; 375 University Ave; owner, R D and S V Ogier and L Wheeler, Palo Alto; contractor, Daley Bros, Belmont; plans by G W Cotterill, Belmont.

MENLO PARK

NEON Sign, $1000; 449 El Camino; owner, E M Rankin; contractor, Amcoe Sign Co, 284 Donohue St, East Palo Alto.

ALTER store bldg, $1000; 1215 El Camino Real; owner and contractor, A Ciardella & Sons, 1215 El Camino Real.

ALTER guest house, $1000; 785 Hobart; owner and contractor, Dr A R Hedge, 785 Hobart St.

STORE bldgs, two, $25,000 each; Lots 16 and 162 Crane Subdiv; owner, R H Chamberlain; contractor, Peninsula Pacific Constr Co, Spring and Chestnut Sts, Redwood City.

RESIDENCE, 1-family 6-room, and detached garage, $12,000; Lot 7 Blk B, Stanford Gardens; owner and builder, Sunlite Homes, Inc.

SAN BRUNO

ADDN to dwelling, $1000; 635 San Bruno Ave East; owner, E Wilcox, prem; contractor, C E Burkhardt, San Bruno.

DRUG STORE, $12,000; 551 San Mateo Ave; owner, J Maule, prem; contractor, not let; architect, Wm H Rowe, 214 Front St, S F.

SAN LEANDRO

MOTOR Repair Shop, $8500; 705 San Leandro Blvd; owner, N G Vadnais, prem; contractor, Stolte, Inc, 8451 San Leandro Blvd, Oakland.

STORE and apt bldg, $18,000; 815 San Leandro Blvd; owner, N G Vadnais, 705 San Leandro Blvd; contractor, Stolte, Inc, 8451 San Leandro Blvd, Oakland.

STORE Bldg, $18,000; 721 E 14th St; owner and builder, C H Carleton, 1287 Washington Ave.

DWELLING, 1-story 6-room, $7000; 411 Elsie Ave; owner and builder, E H Mellencamp, 393 Cherrywood.

BUILDING CONTRACTS

SAN FRANCISCO

PAVING TRACK AREA
CARROLL Ave bet E 3rd Street and E Jennings Ave.
Owner—Southern Pacific Company.
Contractor—Fay Improvement Co.
Filed and Dated, ...
Payments and Total Cost not given
Specifications filed March 12, 1946.

PAINTING freight claim depot, General Office Bldg.
65 MARKET STREET.
Owner—Southern Pacific Company.
Contractor—J H Mohr, Inc.
Filed and Dated, ...
Payments not given.
TOTAL COST, $1776
Specifications filed March 4, 1946.

ALAMEDA COUNTY

ADDITION to commissary kitchen.
WEST OAKLAND. S P Commissary
Owner—Southern Pacific Company.
Contractor—Stanley H Koller, 1694 Pomona St, Crockett.
Filed, March 14, 1946. Dated, ...
1st of each month.........................75%
Usual 35 days.................................25%
TOTAL COST, $4,928.00
Bond, $4,928. Sureties, U. S. Guarantee Co. Limit, 75 calendar days. Plans and specifications filed.

MARIN COUNTY

CLASS A reinf concrete structure, one-story.
Owner—Z and S Smith, San Rafael.
Architect—S Heiman, 605 Market St, San Francisco.
Contractor—De Luca & Son, 1745 Filbert St, San Francisco.
Filed, Mar 14, '46. Dated, Mar 11, '46
Progress payments on 1st of eamo
Balance, usual 35 days after comp
TOTAL COST, $37,978
Bond, $37,978. Sureties, U S Fidelity & Guaranty Co. Limit, 110 days. Plans and specifications filed.

CESSATION OF LABOR

MARIN COUNTY

March 13, 1946 — SAN RAFAEL. Chester W Seeley to Milton F Clark ......Labor Ceased Dec 13, 1945

Completion Notices

SAN FRANCISCO

Recorded Accepted

Mar. 12, 1946—358 Ocean Ave. F Giocondi to Boyd C Lindsay..........Mar. 11, 1946

Mar. 15, 1946—E 44th Ave 275, 300, 325, 350, 375, 400, 425 and 450 S Ortega. Walter E and Max Hansen, Inc, to whom it may concern..........Mar. 15, 1946

Mar. 16, 1946—684 Mission St; Thalson Co to Jacks & Irvine..........Mar. 7, 1946

ALAMEDA COUNTY

Recorded Accepted

March 16, 1946—3616-18-29-22 High St, Oakland. Thos T and Alyce D Laugalin to Byrl A Stifle..........March 16, 1946

March 16, 1946—LOTS 19 and 20 Blk 2, Kinsell Tract No 2, Lots 88 and 89, Elmhurst Park No 2, Oakland. East Shore Homes, Ins to P F Heraty..........Mar 13, 1946

March 15, 1946—1047 77th AVENUE Oakland. Casper Cuschera to M Drinkward..........March 5, 1946

March 16, 1946—1512 FRANKLIN St, Oakland. Pacific Telephone & Telegraph Co to N H Sjoberg & Son..........March 7, 1946

March 16, 1946—3942 WILDA Ave and 211 Monte Vista Ave, Oakland. Raymond R Clot to Wm F Beckett..........March 15, 1946

SAN MATEO COUNTY

Recorded Accepted

Mar. 14, 1946—504-506 Peninsular Ave, San Mateo. William W Gill to Wm Spivock..........Mar. 11, 1946

Mar. 15, 1946—Lot 1, N Eldorado St. Henry Voelker, etc, to same..........Mar. 14, 1946

Mar. 15, 1946—Lots 28 and 29, Block 15, Central Park. Ben Demana Jr to Henry H Werner..........Mar. 15, 1946

Mar. 15, 1946—Lot 4, Block 8, Burlingame Gardens. Chas F Schurtz Jr to whom it may concern..........Mar. 10, 1946

Non-Responsibility

SAN FRANCISCO

Mar. 14, 1946—747-49 Market. M L and Emma Mitchell as to improvements on property.

Mar. 14, 1946—1345-61 Grant Ave. Wilfred Eng, etux, and Him Loy Chow, etux, as to improvements on property.

Mar. 16, 1946—121 Beale St. Sidney Ritzwaller as to improvements on property.

Liens Filed

SAN FRANCISCO

Recorded Amount

Mar. 18, 1946—W Costa and Bay Shore Blvd. Grant Whitaker and Donald E Manning vs Joseph and Paoliva Franzella..........$9,110.00

SAN MATEO COUNTY

Recorded Amount

Mar. 12, 1946—Lots 8 and 9, Block 1, Baywood. Henry Aarian Construction Co vs Mrs L A Davidson, alias..........$3,000.00

Mar. 15, 1946—Lot 1, Block 10, Hayward Park. H E Casey Co vs Felix Zingarelli..........$159.15

Plumbing Permits

BERKELEY

2917 Benvenue; owner, N J Ambrogia; dealer, S S Jochums; 2 water closets; wash basin; bath tub; sink; shower.

1015 Creston; owner, Whaley; dealer, Durant Plumbing; sink.

1601 Alcatraz; owner, ...; dealer, Geo Stoddard; sink.

1200 7th St; owner, ...; dealer, Schriener Plumbing; 14 wash tubs.

1223 Henry; owner and dealer, H P Murphy; 2 water closets; 3 wash basins; bath tub; sink; wash tub.

2821 Grant; owner, E Evans; dealer, Allen-Rich; water closet; wash basin; bath tub; sink.

2424 4th St; owner, ...; dealer, Scott Co; 5 water closets; 2 wash basins; 2 fountains; 2 sinks; 2 urinals; 2 drains.

1501 Eastshore; owner, A J McCosker; dealer, Scott Co; water closet and wash basin.

3018 Harper; owner, S P M Vorhies; dealer, Scott Co; sink.

1249 Francisco; owner, J M Walker; dealer, J A Fazio; water closet; wash basin; bath tub; sink; wash tub.

1408 8th St; owner, J M Walker; dealer, J A Fazio; water closet; wash basn; bath tub; sink; wash tub.

1295 Francisco; owner, J M Walker; dealer, J A Fazio; water closet; wash basin; bath tub; sink; wash tub.

1274 Hearst; owner, J M Walker; dealer, J A Fazio; water closet; wash basin; bath tub; sink wash tub.

1287 Francisco; owner, J M Walker; dealer, J A Fazio; water closet; wash basin; bath tubm; sink; wash tub.

915 Colusa; owner, ...; dealer, J A Fazio; 5 water closets; 5 wash basins; sink; 2 urinals; fountain.

915 Colusa; owner, P Hammarberg; dealer, J A Fazio; 5 water closets; 5 wash basins; sink; 2 urnlmals; fountain.

1524 Francisco; owner, Lyons; dealer, Wm R Stack; Bendix.

2076 Ashby; owner, Ashby Laundry; dealer, Merrill Plumbing; wash basin; bath tub.

1720 Carlton; owner, Mastercraft; dealer, Merrill Plumbing; sink; wash tub.

1444 Alcatraz; owner, Dunmore; dealer, Merrill Plumbing; 2 water closets; wash basin; bath tub; 3 sinks.

OAKLAND

1911 62nd Ave; owner, Wate; dealer, H Lass; 2 gas outlets.

10200 Dante; owner, Sousa; dealer, H Lass; 2 fixtures.

10400 MacArthur; owner, Harris; dealer, H Lass; 78 fixtures; 34 gas outlets.

2622 73rd Ave; owner, Blakely; dealer, J A Freitas; 3 fixtures; 1 gas outlet.

656 31st St; owner, ...; dealer, Minoggio; 6 fixtures.

1131 83rd Ave; owner, Pulliam; dealer, Finzel; 5 fixtures; 3 gas outlets.

3332 E 14th St; owner, Oak Toggery; dealer, L J Madden; 4 fixtures.

9339 B St; owner, Pulliam; dealer, Finzel; 5 fixtures; 3 gas outlets.

520-22 E 18th St; owner, Spivok; dealer, Finzel; 10 fixtures; 7 gas outlets.

4811 Bond St; owner, Fraya; dealer, Wm Souza; 5 fixtures; 2 gas outlets.

3330 Telegraph; owner, General Appliance Co; dealer, J Marsony; 18 fixtures; 7 gas outlets.

9877 MacArthur; owner, ...; dealer, H Lass; 2 gas outlets.

3256 Hannah St; owner, H Werner; dealer, J W Neal; 3 fixtures.

100 7th St; owner, Mederiow; dealer, Durant; 3 fixtures; 4 gas outlets.

356 Willow St; owner, Thomas; dealer, Durant; 4 gas outlets.

Furnace Permits

OAKLAND

2028 E 29th St; owner, Garshall; dealer, O C Wood; floor furnace.

1267 81st Ave; owner, Pulliam; dealer, Finzel; floor furnace.

3869 Vale St; owner, Roy Banks; dealer, Tancredy; floor furnace.

2696 76th Ave; owner, Michelson; dealer, C W Roland; floor furnace.

1335 87th Ave; owner, Robiana; dealer, C W Roland; floor furnace.

5457 Broadway; owner, Gaine; dealer, Atlas Heating; central furnace.

6450 Mokelumne; owner, Weston; dealer, Atlas Heating; floor furnace.

1125 Mountain Blvd; owner, Johnson; dealer, H K Flowers; central furnace.

7402 Deerwood; owner, Dowling; dealer, Chas Smith; central furnace.

3905 Broadway; owner, Beckenridge; dealer, Bay Cities Heat Co; central furnace.

1305 50th Ave; owner, Deaslon; floor furnace.

6008 Monadnock; owner, F A Borges; dealer, C & M Stove Shop; floor furnace.

3257 35th Ave; owner, Meyland; dealer, E M Maloney; floor furnace.

4265 Atlas Ave; owner, Kusmaul; dealer, Atlas Heating; central furnace.

666 Rosal Ave; owner, Jartson; dealer, Atlas Heating; central furnace.

2317 103rd Ave; owner, Harvey Kroll; dealer, Witharm; floor furnace.

4325 Harboard Dr; owner, Spivock; dealer, Witharm; central furnace.

9877 Toler; owner, Scherman; dealer, L F Witharm; floor furnace.

2224 108th Ave; owner, Stan Davis; dealer, Witharm; floor furnace.

5834 Moraga Rd; owner, Trend; dealer, L F Witharm; floor furnace.

Prospective Bidders

Airport Extension Fill, Pavement, Related Construction, San Francisco Airport

BIDS: Public Utilities Commission, Room 287, City Hall; Contract No. 82; March 26, 3 P. M.

Guy F. Atkinson Co., Orange and Railroad Aves., South San Francisco.

Union Paving Co. ,212 Babcock Bldg., San Francisco.

San Francisco Bridge Co., 503 Market St., San Francisco.

Macco Construction Co., Freight and Ferry Sts., Oakland.

Piombo Bros. & Co., 1571 Turk St., San Francisco.

Olympian Dredging Co., 525 Market St., San Francisco.

Hubert H. Everist Sr., 604 Mission St., San Francisco.

Case Construction Co., Box 416, Alameda.

Ben C. Gerwick, Inc, 112 Market St., San Francisco.

Charles L. Harney, 625 Market St., San Francisco.

Pacific Bridge Co., 333 Kearny St., San Francisco.

Eaton & Smith, 715 Ocean Ave., San Francisco.

Western Dredging & Construction Co., 315 Park Central Bldg., Los Angeles.

Hydraulic Dredging Co., Ltd., 1221 Central Bank Bldg., Oakland.

Peter Kiewit Sons Co., 442 Post St., San Francisco.

George Pollock Co., Forum Bldg., Sacramento.

Granite Rock Co., Box 151, Watsonville.

Franks Dredging Co., 260 California St., San Francisco.

T. E. Connolly, 461 Market St., San Francisco.

Standard Dredging Corp., 800 Central Bldg., Los Angeles.

American Dredging Co., 1419 Broadway, Oakland.

Electrical Permits

SAN FRANCISCO COUNTY

9896 655 Ellis St; owner, Dudley Perkins; contractor, Malm & Welter; 3 outlets.

9897 1015 Market; owner, ...; contractor, Frank F Goodman; 33 outlets; 6 switches;/ 13 plugs.

9898 1317-19-21 Masonic Ave; owner, Mrs RaRamsey; contractor, Frank F Goodman; 16 switchmes; 11 plugs; service.

9899 N Rivera 100 W 20th Ave; owner, N W Anderson; contractor, Adams Electric; ....

9900 2120 29th Ave; owner, Ingerman; contractor, Adams Electric Co; ....

9901 1655 44th Ave; owner, Superior Building Co; contractor, Adams Electric; 10 outlets; 10 switches; 14 plugs; service.

9902-04 2287-81-95 26th Ave; owner, McArthur Building Co; contractor, Adams Electric; 12 outlets; 12 switches; 15 plugs; service.

9905 1701 Church St; owner, Star Bakery; contractor, Weber-Conroy; ....

9906 646 Vallejo; owner, Vince's Restaurant; contractor, Weber-Conroy; 6 outlets.

9907 994-96 Mission St; owner, D Michael, R Leavey; contractor, Weber-Conroy; 4 outlets.

9908 730 Mission; owner, McPherson; contractor, Weber-Conroy Co; motors.

9909 116 Juniger; owner, Michel-Pfeffer; contractor, Weber-Conroy; ....

9910 Powell and Market Sts; owner, Owl Drug; contractor, Cimino Electric; 5 outlets.

9911 Market and 5th Sts; owner, Owl Drug; contractor, Cimino Electric; 1 outlet.

9912 3211 Bake rSt; owner, ...; contractor, Cimino Electric; 4 outlets; 2 switches; 3 plugs.

9913 300 Bayshore Blvd; owner, A Tarantino; contractor, Kennedy Electric; 82 outlets; 33 switches; 30 plugs.

9914 Opposite 2123 Mariposa; owner, ...; contractor, Kennedy Electric; 2 plugs; service.

9915 415 Van Dyke; owner, Goss & Goss; contractor, QQuality Electric; service; motors.

9916 425 2nd St; owner and contractor, Foster & Kleiser Co; sign.

9917 75 3rd St; owner, Bowles Printing; contractor, Marelco, Inc; 4 outlets; 4 switches.

9918 Powell and Geary; owner, Hotel St Francis; contractor Marelco, Inc; 3 switches; 1 plug.

9919 870 Market; owner, Flood Bldg; contractor, Central Electric; 14 outlets; 11 switches; 7 plugs.

9920 1171 Folsom; owner, Folsom Market; contractor, Central Electric; 1 plug.

9921 91 6th St; owner, Allen's Cafe; contractor, Central Electric; 1 plug.

9922 1627 Buchanan; owner, Neisel Cafe; contractor, Byington Electric; 2 plugs; motors.

9923 425 Thornton; owner, Carraro; contractor, O J Ferrera; 10 outlets; 8 switches; 10 plugs.

9924-28 101, 107, 111, 115, 121 Venus; owner, Carraro; contractor, O J Ferrera; 10 outlets; 8 switches; 10 plugs.

9929 60 Lucy; owner, Carraro; contractor, O J Ferrera; 10 outlets; 8 switches; 10 plugs.

9930 631 Amhurst; owner, Pratt; contractor, O J Ferrera; ....

9931 1801 15th Ave; owner, Doelger; contractor, Richmond Electric; 11 outlets; 11 switches; 11 plugs; service.

9932-38 809-19-29-39-49-65-85 Noriega; contractor, Richmond Electric; 11 outlets; 11 switches; 11 plugs; service.

9939 255 Grant Ave; owner, J Jacobs; contractor, Decker Electric; 28 outlets; 3 switches; 11 plugs; service.

9940 60 California; owner, Libby-McNeil & Libby; contractor, Decker Electric; alterations.

9941 719 Sacramento; owner, Taylor; contractor, P & J Electric; 6 outlets; 4 switches; 10 plugs.

9942 1526 29th Ave; owner, L F Brown; contractor, Leland F Brown; 1 plug.

9943 1 Otsego; owner, De Benedetti; contractor, Grandi Electric; 10 outlets; 8 switches; 6 plugs.

9944 215 2nd St; owner, Photo Shop; contractor, Grandi Electric; ....

9945 45 Eckert; owner, Photo Development; contractor, Grandi Electric; alterations.

9946 6100 Geary; owner, Anita's Restaurant; contractor, W H Kirsten; 19 plugs.

9947 2325 Polk St; owner, Menlo Corp; contractor, MacCabe Electric; service.

9948 165 10th St; owner, People's Laundry; contractor, MacCabe Electric; 3 outlets; 3 switches; 3 plugs; alterations.

9949 1 Division St; owner, Seaboard Transportation Co; contractor, MacCabe Electric; service.

9950 E Teresita Blvd 75 N Evelyn Way; owner and contractor, E A Koenig; ....

9951-54 151, 155, 159, 163 Melrose; owner, T Meyer; contractor, E A Koenig; 11 outlets; 12 switches; 13 plugs.

OAKLAND

36193 1112 Franklin Street; owner, Willis; contractor, R J Peterson; 10 fixtures.

36194 W Harrison bet 8th and 9th; owner, Lyon Storage & Moving Co; contractor, Moody & Sweazey; motors.

36195 4270 Piedmont Ave; owner, Washer; contractor, Western Neon Corp; sign.

36196 1915 Broadway; owner, Kulchar; contractor, Western Neon Corporation; sign.

36197 519 17th St; owner, Roxy Theatre; contractor, Matson Electric Equipment Co; alterations.

36198 1419 Broadway, 3rd floor; owner, Nebecker; contractor, T L Rosenberg Co; 3 fixtures.

36199 257 12th St; owner, Rainbow Club; contractor, General Neon Lite Co; sign.

36200 1532 San Pablo Ave; owner, Blue Bird Beauty Salon; contractor, General Neon Lite Co; sign.

36201 584 14th St; owner, Hotel Sutter; contractor, General Neon Lite Co; sign.

36202 10121 San Leandro Blvd; owner, Mortensen Rug Co; contractor, General Neon Lite Co, sign.

36203 9712 E 14th St; owner, B Townsend; contractor, General Neon Lite Co; sign.

36204 2057 Webster Street; owner, Exchange Diner; contractor, General Neon Lite Co; sign.

36205 1536 Franklin St; owner, Mint Julip; contractor, General Neon Lite Co; sign.

36206 420 Franklin Street; owner, Bonara; contractor, General Neon Lite Co; sign.

36207 3225 Foothill Blvd; owner, Cutting; contractor, General Neon Lite Co; sign.

36208 3333 Lakeshore Ave; owner, Lakeshore Lounge; contractor, General Neon Lite Co; sign.

36209 2086 Broadway; owner, The Omar; contractor, General Neon Lite Co; sign.

36210 3123 Carlsen; owner, Eikberg; contractor, L E Chapman; motor for saw.

36211 1121 Foothill Blvd; owner, Rose; contractor, Fox Electric Co; service.

36212 59-61-3 Pearl Street; owner, Martin; contractor, Fox Electric Co; alterations.

36213 1730 65th Avenue; owner, Gizdich; contractor, Spott Electrical Co; service.

36214 535 E 14th St; owner, Arnett & Son; contractor, Spott Elec Co; temp. service.

36215 22nd and Broadway; owner, Cigar Box; contractor, Spott El Co; motors.

36216 4900 Cochrane; owner, Marshall; contractor, Spott Elec Co; ser.

BERKELEY

743 1367 Miramonte; owner, Chas Isackson; contractor, Moore Electric; 7 fixtures.

744 2930 Sacramento; owner, Geo F Dowling; contractor, Moore Electric; 2 outlets; heater.

745 1469 San Pablo; owner, ...; contractor, T L Rosenberg; 1 outlet; 1 switch; 1 fixture; 1 plug; 1 motor.

746 31 Menlo Place; owner, A McKillegan; contractor, Matson Electric; 7 outlets; 9 switches; 7 fixtures; 4 plugs; 3 circuits; heater.

747 2212 Bancroft; owner, ...; contractor, Matson Electric; new service.

748 2413 Shattuck; owner, ...; contractor, Matson Electric; 2 outlets; 2 fixtures.

749 956 Hilldale; owner and contractor, R D Lanzit; wireless set.

750 1314 University; owner, ...; cnotractor, Bradshaw Electric Co; 2 switches.

751 2200 Woolsey; owner, ...; contractor, Bradshaw Electric; range.

752 1900 Ward; owner, Josephine Childs; contractor, Bradshaw Electric; 1 outlet; 1 switch; 1 fixtures; 4 plugs.

753 36 Northampton; owner, Dr H C Mankin; contractor, Bradshaw Electric; 16 outlets; 9 switches; 12 plugs; 3 circuits.

754 1301 Delaware; owner, Ralph K Purocke; contractor, Rochester Electric; 3 outlets; 3 switches; 3 fixtures; 3 plugs; 2 circuits.

755 2085 Vine; owner, Curleys Barber Shop; contractor, Rochester Electric; 4 outlets; 4 fixtures; 3 plugs; 2 circuits.

756 2503 Telegraph; owner, Clumlon's; contractor, Rochester Electric; 26 outlets; 19 switches; 26 fixtures; 14 plugs; 15 circuits.

757 635 Euclid; owner, A Mac-Owner; contractor, Rochester Electric; 15 fixtures.

758 2922 Derby; owner, Dr Keass; contractor, Rochester Electric; 6 outlets; 5 switches; 3 fixtures; 5 plugs; 1 circuit.

759 1918 Chestnut; owner, ...; contractor, Rochester Electric; 8 fixtures.

760 2634 Acton; owner, J M Walker; contractor, El Cerrito Electric; 9 fixtures.

761 2770 Mabel; owner, J M Walker; contractor, El Cerrito Electric; 9 fixtures.

762 1506 Kains; owner, J M Walker; contractor, El Cerrito Electric; 10 outlets; 9 switches; 15 plugs; 3 circuits.

763 1510 Kains; owner, J M Walker; contractor, El Cerrito Electric; 10 outlets; 9 switches; 15 plugs; 3 circuits.

764 1705 Solano; owner, Harry Silver; contractor, El Cerrito Electric; 19 outlets; 15 switches; 14 plugs; 15 circuits.

765 1626 Chestnut; owner, Wm Maki; contractor, El Cerrito Electric; 4 outlets; 4 switches; 3 plugs; 2 circuits.

766 1348 Nielsen; owner, J M Walker; contractor, El Cerrito Electric; 9 outlets; 8 switches; 13 plugs; 3 circuits. ¼

767 2119 West; owner, R Mason; contractor, El Cerrito Electric; 24 outlets; 16 switches; 16 plugs; 4 circuits; 21 motors; 10 new services; 8 transformers.

768 1508 Hopkins; owner, W M Farriss; contractor, El Cerrito Electric; 12 fixtures.

769 2934 Ellis; owner, J M Walker; contractor, El Cerrito Electric; 9 fixtures.

770 2741 Dahr; owner, J M Walker; contractor, El Cerrito Electric; 9 fixtures.

771 2113 Channing; owner, W H Probert; contractor, White Electric; 12 outlets; 6 switches; 18 plugs; 12 circuits.

772 2546 Telegraph; owner, J W Dana; contractor, White Electric; 1 outlet.

773 2336 Jefferson; owner, T Ward; contractor, White Electric; 5 fixtures.

774 925 The Alameda; owner, L L Cross; contractor, White Electric; 1 outlet; 1 switch; 1 fixtures.

775 2021 Channing; owner, Chas D Jarrett; contractor, White Electric; 6 outlets; 6 switches; 9 plugs; 3 circuits.

776 1224 Oxford; owner, G Cassidy; contractor, White Electric; 19 outlets; 10 switches; 13 plugs; 6 circuits.

777 1726 Grant; owner, E B Switzer; contractor, White Electric; 9 outlets; 5 switches; 8 plugs; 4 circuits.

778 2420 Ridge Rd; owner, U C Sturents' Co-op; contractor, White Electric; 20 fixtures.

779 2216 Channing; owner, K Freuder; contractor, White Electric; 5 outlets; 2 switches; 5 fixtures; 10 plugs; 5 circuits.

780 1403 Bonita; owner, B F Scribner; contractor, White Electric; 1 outlet; 1 switch; 1 fixture; 3 plugs.

781 1821 San Juan; owner, ...; contractor, White Electric; 1 outlet; 1 switch; 1 fixture; 5 plugs.

782 2940 College; owner, ...; contractor, White Electric; new service.

783 171 Forest Lane; owner, ...; contractor, White Electric; range.

784 1574 Euclid; owner, H H Whiting; contractor, White Electric; 1 outlet; 7 switches; 4 plugs.

785 1631 Stuart; owner, C H Kenan; contractor, Thos C Moody Electric; 6 outlets; 2 switches; 5 plugs; 2 circuits.

786 2367 Telegraph Ave; owner, L Blake, lessee; contractor, Scott Co; steam boiler pump.

787 2960 College; owner, College Pharmacy; contractor, Spott Electric; motors.

788 2239 Summer; owner, Chas E Cushing; contractor, Spott Electric; 12 fixtures.

789 2734 San Pablo; owner, Golden Gate Products; contractor, Spott Electric; 5 outlets; 2 switches; 5 fixtures; 5 plugs; 21 circuits.

790 2010 Center; owner, ...; contractor, Conrad Electric; 4 outlets; 4 fixtures; 11 motors.

Classified Advertising

HELP WANTED

CONSTR. SUPTS. for Industrial and Home Bldg. projects. Permanent employment and good salary for the right man. Work located in San Jose area. Reply Box 315 c/o Daily Pacific Builder. (3/13-14-15-18-19/46)

CONSTR. SUPT. for large building contractor. Must have excellent record and references. Salary to start $750 a month. Reply Box 313 c/o Daily Pacific Builder. (3/13-14-15-18-19/46)

CHIEF ESTIMATOR and MANAGER for large bldg. contractor. Must have excellent record and references. Salary to start $900 a month. Reply Box 314 c/o Daily Pacific Bldr. (3/13-14-15-18-19/46)

DRAFTSMAN wanted. Apply to John Hudspeth, Architect, with samples of work. 427 13th St., Oakland.

Experienced ARCHITECTURAL DRAFTSMAN. Call for an interview. F. H. Reimers, A.I.A., 79 Post St., San Francisco.

LUMBER BROKER WANTED
LUMBER for building Peninsula home. Bay Building Co., 731 El Camino Real, Redwood City. (3/14-15-18-19-20/46)

POSITION WANTED

JUNIOR ESTIMATOR, graduate Civil Engineer; Veteran; age 29; desires position with contractor. Reply Box 319, c/o Daily Pacific Builder.

CALIFORNIA
STATE

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Fifty-six
Years of
Service

Daily Pacific Builder

LARGEST CONSTRUCTION DAILY IN THE WEST

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Building and
Engineering
News Service

Fifty-sixth Year—Vol. 56— No. 55 SAN FRANCISCO, WEDNESDAY, MARCH 20, 1946 PRICE 15 CENTS PER COPY

PLANS and Speculations

Salinas: The memorial hospital association board of directors is contemplating setting up a hospital district to facilitate obtaining funds for new buildings. Under Senate bill 586 approved by Governor Warren last year, the project could be established as a hospital district and financed thru a bond issue.

oOo

San Francisco: The San Francisco Housing Authority has asked the city to apply for Federal funds to finance conversion of temporary Army and Navy barracks here into 2000 temporary family dwelling units for veterans and families. Units now used at Hunter's Point, Naval Receiving Hospital and Balboa Park are included in the conversion plans.

oOo

Washington: A war memorial stadium, similar to the large Rizal memorial stadium in Manila, is planned for the hallowed grounds of Okinawa. The athletic plant will include equipment for football, baseball, swimming, track, basketball, and many other games. The Okinawa memorial would be one of the first "memorials that live" for the dead of World War II, Col. Wm. S. Morris said.

oOo

San Francisco: A bill to authorize construction of extensions to San Francisco's Marine hospital was approved Monday by the House. It will provide for $3,500,000 in construction of additional dormitory wings, interns' quarters, laundry, garages and officers' quarters.

oOo

Fresno: Campaigning has begun for establishment of an agricultural extension to Fresno State College. J. E. O'Neill, chairman of the committee said $125,000 of the $500,000 sought has already been subscribed.

#

$100,000 LUMBER FIRE

A blaze of undertemined origin, Monday destroyed the main part of the Electric Planning Mills, Stockton, causing an estimated $100,000 damage to the plant which only recently opened after a year of inactivity. Lumber for more than 200 homes was being prepared by the mill.

For Better Building . . . New Building Products For Your Home

Manufacturers are planning a host of new items to include in the new home, which are either ready now for distribution or will be ready shortly, reports "Practical Builder", Chicago. Listed below are some of the very newest things which you may reasonably expect to include in homes now under construction.

A new basement incinerator is on the market which should provide a quick, sure, odorless way to burn all wet or dry garbage or refuse, and is particularly adaptable to gas or oil heated homes. Along this same line is a new wet-garbage incinerator which is used for efficient disposition of wet garbage and all kinds of rubbish and which dehydrates wet refuse as well as agitates packed-down paper for rapid burning.

A new miniature "venetian blind" type screening made of bronze wire is being produced. The purpose of the screening is to perform the combined services of awning and screens, permitting light and air to enter rooms, yet excluding the sun's heat and insects.

A "venetian blind" type window with slats of glass instead of wood or metal has also been announced. The "window" has the exact appearance of a venetian blind, but the salts, although movable like a blind, cannot be raised and lowered. Its purpose is to get maximum window ventilation, to make possible the simultaneous cleaning of both inside and outside of glass, and to provide weathertight seal against rain and snow.

A portable steam radiator which works on the same principle as permanent radiators is available for use in hard-to-warm areas. It can be carried from room to room, and works by simplv plugging in to the nearest electrical outlet.

A new type ventilator converts wind currents into a powerful suction force that rapidly exhausts stale air from the interior of the home. The ventilator is located in the roof and exhausts hot air from the attic while letting in fresh cool air through register openings.

These are just a few of the many new products that the building industry will soon have ready for you, says "Practical Builder". Keep your eyes on latest developments because they will be occurring continuously now that restrictions have eased.

#

GROOVER AND I

STRAY CATS

Every time there has been a meeting of the Big Three, it seems to produce bags out of which cats crawl at the most unexpected and embarrassing moments.

* * *

The latest "cat-out-of-the-bag" was released by Honorable Winston Churchill in his recent New York address. He stated that at the Potsdam Conference, Stalin was offered both wartime and peacetime passage-rights through the Dardanelles. He further stated that Stalin was not satisfied with this, but also wanted a fortress within the Dardanelles.

* * *

(By what right does the Big Three, three of a kind, three men on a horse or any other "three" sit in secrecy and portion out the rights of some other soverign nation—even such a "so-and-so" nation as Turkey?)

* * *

What ever became of the idea of "Open covenants, openly arrived at?"

* * *

Churchill did not state whether Stalin had been given this fortress within the Dardanelles—but Stalin has generally been given anything he has reached for—and this is probably another cat that will come out of the bag later.

* * *

How many cats will a bag hold—and how many bags are there?

BERKELEY TRUSS CO. APPOINTS SALES MGR.

Associated Wood Products Co., 1335 Sixth street, Berkeley, an independent company serving as fabricators and erectors of timber trusses, announce the appointment of Jack Godfrey as a partner and sales manager.

Mr. Godfrey has 12 years' experience in the timber truss business.

Since March 1, the firm has consisted of Leo Jacobson, Jerry Goldstein, Will Townes and Mr. Godfrey. J. F. Castelan is no longer a firm member, company officials stated today.

SACRAMENTO BUILDING PERMIT COVERAGE

Keeping pace with the rapid growth of the construction industry, the Daily Pacific Builder is pleased to announce today that it now publishes all building permits granted in the city of Sacramento.

These timely reports, transmitted each day direct to our editorial offices over a direct-wire teletype machine, bring our readers the latest, most accurate reports of the Sacramento building plans.

Metal Insulation Available Again

For the first time since before the war and carrying a new name, Reyn-o-met, formerly called Reynolds Metallation, is now available to the building industry in northern California and western Nevada.

This home insulation material is distributed by Western Asbestos Co., whose main office is in San Francisco, with branches in Oakland and Sacramento.

For the past 11 years, Western Asbestos Company has been associated with the Reynolds Metals Co. as a distributor in this area.

Two types of Reyn-o-met are obtainable: type "B" with foil mounted on both sides of heavy kraft paper, and type "C" with foil mounted on one side of heavy kraft paper.

#

Oakland Builders Elect Officers

At the March 12 election of officers, the Builders' Exchange of Oakland elected the following men: Hal Bennett, J. E. Carlstrom, H. J. Christensen, R. C. Fischer, Wm. J. Goodman, N. V. Heathorn, Don Kirby, Wm. E. McGrath, P. S. Ricker, C. H. Thrams, J. A. Turgeon, and John F. Tulloch.

At the reorganization meeting held Mar. 14, the board reelected the same officers for 1946, namely: Wm. E. McGrath, president; H. J. Christensen, vice president; P. S. Ricker, secretary, and J. A. Turgeon, treasurer.

#

OKAY McNARY DAM

WASHINGTON, Mar. 18.—The Senate Appropriations committee approved funds earmarked for flood control construction on the Willamette river and for construction on McNary dam, projects in Oregon.

Asiatic Excavations Prove Clay Pipe Nearly Six Centuries Old Still Good

While the peoples of the ancient world did not have such "improvements" as the atomic bomb, radar that hits the moon, and airplanes that swish from coast to coast in a matter of minutes, nevertheless they did possess some of the basic necessities that we have today.

Mr. and Mrs. John Q. Citizen, 1946 model, have nothing on the folks who lived in Babylonia some 5000 years ago. This clay pipe—a forerunner of today's highly improved product—was used as a house sewer back in 3100 B. C. It was still in useable condition when unearthed by an historical expedition a few years ago.

Another photographic bit of evidence that clay pipe stays on the job a mightly long time is this photo of jar pattern clay pipe used as part of a house sewer system 2100 years ago. It was uncovered in the ruins of Parthia.

Among these, surprisingly enough, was clay pipe.

Away back in 4500 B. C. . . 6400 years ago . . the necessity for sanitation was already beginning to be recognized. Excavations at Nippur, one of Babylonia's ancient cities, have revealed clay pipe drains with "T" fittings laid in an arched aqueduct of bricks.

AS GOOD AS NEW

The pipes appear to be just as good now as when the workmen laid them centuries ago. American expeditions to Chaldea, where civilization as we know it, had its birth, have discovered that subjects of King Nimrod, the mighty hunter, realized the need for greater cleanliness in their temples, palaces and dwellings.

And so, 5700 years ago they equipped their buildings with drains of clay pipe. Those of the pipes that have been dug up are as perfect as the day they were put in place.

USED IN PALACE

Another instance of the use of clay pipe recorded by historians was on the island of Crete. In the palace of a Sea King at Grood Knossos there has been uncovered an amazing system of clay pipe sanitary drains installed about 3,500 years ago. Sections of this ancient pipe have been unearthed and are exhibited by museums in perfect condition.

All of the ancient civilizations, historians claim, used clay pipe and examples have been found in Egypt, Rome, Greece and China in addition to those mentioned above.

And this clay pipe, used in the early centuries, still remains in perfect condition, even though it did not have the dense, hard vitrified body made possible with today's modern powerful presses and the intense heat of present-day kilns.

#

DIRECTORS ELECTED BY S. F. B. EXCHANGE

At an election of the San Francisco Builders' Exchange held Monday, the following directors were elected:

A. I. Bos, Al W. Cobby, A. F. Edwards E. J. Finnerty, Chas. E. Gordon, E. E. Hundley, G. H. Martinelli, H. N. Patterson, E. H. Patterson, George W. Reed and A. H. Wilhelm.

Construction Field Unaffected By New Wage Laws

The new wage regulations issued last week permitting employers to reserve their right to ask post approval of wage increases by filing a notice with the Wage Stabilization Board, do not apply to the construction industry, Thos. Fair Neblett, Chairman of the 10th Regional WSB, said today.

The building and construction industry still remains under wartime controls requiring prior approval of all wage increases by the Wage Adjustment Board in Washington, D. C.

Neblett pointed out that previously any increases for other businesses made after March 15 without prior WSB approval could never be used as a basis for increasing prices or cost to the government. On increases made on or before Feb. 13 and Mar. 14, however, employers could apply, within a 30-day period after effecting the increases, for post approval.

Under the new regulation employers who grant wage or salary increases and have no present intention of using the increases as a basis for seeking higher price ceilings may put the raises into effect without advance WSB approval and still protect their future right to seek price relief merely by filing notice describing the nature, number and amount of the pay increases with the FSB within 30 days after the increases appear on the payroll.

"If at some later date the employer decides to seek price relief he must first secure WSB approval of the wage rise," Neblett said. "The WSB has authority to approve the increase for pricing purposes in whole or in part, or may deny the application. If approval is granted, the OPA will then consider his application if he shows a reasonable ground for the change in his original intention."

In filing notices, employers are asked to file two copies, one which will be noted "received" and returned to the employer for his files.

Copies of the new wage price regulations and an interpretive question and answer bulletin are available at the Regional WSB offices in San Francisco and Los Angeles.

#

CONSTRUCTION CLASS

A class in "Construction Costs and Estimating" will commence tomorrow at 7:30 p. m. at the University Extension of the University of California, Berkeley campus. Cost for 15 meetings is $15.00.

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BUILDING SECTION

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1-8—COMMERCIAL BLDGS.

3/20/46 * * 2
NO BIDS RECEIVED
OAKLAND, Alameda Co., Calif.—No bids were received March 18 by the Oakland Port Commission, foot of Grove St., Oakland, for construction of addition to hangar 2D, Oakland Municipal Airport.

The Port Manager has been directed to get the work done in the open market.

3/20/46 ** 7
COMPLETING WORKING DRAWINGS
CREAMERY Est. Cost, $25,000
CONCORD, Contra Costa Co., Calif. Willow Pass Rd.
Construction of one-story creamery (64x70 ft.), concrete block, steel sash, concrete floor and built-up roof.
Owner—Matt-Sons.
Architect—Clarence J. Felciano, 4010 Montecito Ave., Santa Rosa.

3/20/46 ** 6
COMPLETING WORKING DRAWINGS
STORE BLDG. Est. Cost, $25,000
SANTA ROSA, Sonoma County, Calif. Corner of Washington and 5th Sts.
Construction of concrete building (44x100 ft.), one-story for stores, with apartments overhead.
Owner—Sing Lee, c/o architect.
Architect—Clarence J. Felciano, 4010 Montecito Ave., Santa Rosa.

3/20/46 ** 4
PREPARING PRELIMINARY PLANS
MEDICAL-DENTAL ADDITION
SANTA ROSA, Sonoma County, Calif. Mendocino Ave.
Construction of two-story frame and stucco medical-dental addition, two dental suites and two medical suites.
Owner—T. L. Patterson, c/o architect
Architect—Clarence J. Felciano, 4010 Montecito Ave., Santa Rosa.

3/20/46 ** 4
STARTING WORKING DRAWINGS
MEDICAL-DENTAL BUILDING Cost, $20,000
SAN LEANDRO, Alameda Co., Calif.
Construction of 1-story wood frame medical-dental building; composition roof, linoleum floors, etc.
Owner—Dr. C. L. Hoffman.
Architect—J. Clarence Felciano, 4010 Montecito Ave., Santa Rosa.

3/20/46 ** 8
PREPARING PRELIMINARY PLANS
ALTER STORE Approx. Cost, $30,000
SAN FRANCISCO. 22nd and Mission Streets.
Alterations and additions to store building.
Owner—Kay's Dress Shop, 2656 Mission St.
Architect — Irvin William Goldstine, 821 Market St.

3/20/46 ** 8
PREPARING WORKING DRAWINGS
STORE BLDGS. Est. Cost, $30,000
SAN JOSE, Santa Clara Co., Calif. Southwest corner of Santa Clara and Montgomery Sts.
Construction of reinforced concrete building containing two stores, restaurant and tire and battery service department, plate glass and vitrolite.
Owner—J. Pollack, c/o architect.
Architect—Donnell E. Jaekle, Builders' Exchange Bldg, 201 S. Market St., San Jose.

3/20/46 ** 4
TO START CONSTRUCTION
OFFICE BUILDING Cost, $250,000
RENO, Washoe Co., Nev. Hughes Bldg., W. First St.
Construction of three- and part four-story fireproof reinforced concrete Hughes building to adjoin present Hughes-Porter Bldg., to house stores on the ground floor and offices and apartments in the upper stories.
Owner—R. E. Hughes, Hughes-Porter Bldg., Reno, Nev.
Architects — Blanchard, Maher & Lockard, 232 W. 1st St., Reno, Nev.
Contractor — Walker-Boudwin Construction Co., 38 Granite St., Reno, Nev.

Construction work will get under way within the next two weeks.

3/20/46 ** 6
PREPARING WORKING DRAWINGS
STORE BLDGS. Est. Cost, 20,000
SAN FRANCISCO. 36 Balboa St.
Construction of two 2-story frame and stucco store buildings (32x90 ft.), with living quarters above.
Owner—M. Wachter, c/o architect.
Architect—Charles W. Claudius, 2443 47th Ave., San Francisco.

3/20/46 ** 6
PREPARING WORKING DRAWINGS
STORE BLDGS. Est. Cost, $20,000
SAN FRANCISCO. Judah St. and 39th Ave.
Construction of two 2-story frame and stucco store buildings (30x100 ft.), with three apartment overhead and garage.
Owner—Sam Cers, c/o architect.
Architect—Charles W. Claudius, 2443 47th Ave., San Francisco.

3/20/46 ** 7
PLANS BEING FIGURED—BIDS OPEN MARCH 22
REMODEL STORE
SAN FRANCISCO. 18th and Connecticut Sts.
Alterations to store building involving entire new front, plate glass, steel beams, some concrete floor work, plaster and stucco work.
Owner—Fortuna Market, 1457 18th Street.
Fee Inspector—B. K. Dobkowitz, 425 Monterey Blvd.

Plans are being figured by a selected list of contratcors.

3/20/46 ** 2
PLANNED
UNDERGROUND GARAGE Cost Over $1,000,000
SACRAMENTO, Sacramento County, Calif. City Plaza, 9th, 10th, I and J Sts.
Convert the City Plaza into an underground garage, including two underground floors served by ramps to accommodate nearly 1000 cars; modernize and plant surface of park, etc.
Owner—Directors of a corporation now being formed.
Architect—Harry J. Devine, 624 R St., Sacramento.

Plans for the project were announced by George C. Conover, manager of Hale Bros. department store, 9th and K Sts.; Willard H. Davis, manager of Hotel Sacramento, 10th and K Sts., and Chris R. Jones, president of the real estate firm of Jones, Brand & Hullin, Inc., 803 J St., representing a large group of Sacramento merchants and other citizens. While the project would be privately financed, the title to the entire undertaking would at all times remain in the city. Tentative plans call for a long-term lease, probably 25 years, of the plaza. When the project has been entirely paid for, it will become the sole property of the City of Sacramento.

3/20/46 **
CONTRACT AWARDED
INYOKERN, Kern Co., Calif.—Haddock Engineers, Ltd., 129 W. 2nd St., Los Angeles, at $846,809, awarded contract by the U. S. Navy, Bureau of Yards and Docks, Washington, D. C., for the construction of miscellaneous buildings, paving and utilities in Area "K," hangar No. 2 (Yakutat), paving and utilities and a supersonic building and appurtenances thereto at the U. S. Naval Ordnance Test Station, Inyokern; Spec. 17379, NOy 13211.

3/20/46 ** 8
WORK STARTED
OFFICE BUILDING
SAN JOSE, Santa Clara Co., Calif. 817 The Alameda.
Construction of office building containing 12,000 sq. ft. floor area.
Owner—Richmond-Chase Co., 64 W. Santa Clara St., San Jose.
Architects—Wurster, Bernardi & Emmons, 402 Jackson St., San Francisco.
Contractor—Carl N. Swenson Co., 355 Stockton Ave., San Jose.

3/20/46 * * 4
CONTRACT AWARDED
OAKLAND, Alameda Co., Calif.—Superior Tile Co., 4939 Broadway, Oakland, at $2000 submitted only bid and awarded contract by Oakland Port Commission, foot of Grove St., Oakland, for painting interior of airport office building.

3/20/46 * * 4
CONTRACT AWARDED
OAKLAND, Alameda Co., Calif.—M. Williams & Sons, 1630 Webster St., Oakland, at $2360 submitted low bid and awarded contract by Oakland Port Commission, foot of Grove St., Oakland, for furnishing floor covering for interior of airport office building.

Other bids were:
Patterson Brothers, $2845.
Giampolini & Co., $2994.
Allied Painters & Decorators, $3,297.
J. H. Mohr, Inc., $3384
Bay Cities Asbestos Co., $5400.

3/20/46 * * 4
BIDS OPENED
SAN FRANCISCO.—Wm. Martin & Son, 666 Mission St., at $28,657 submitted low bid to Public Utilities Commission, Room 287 City Hall, under Municipal Railway Contract No. 244 for construction of central control office of Geary carhouse.

Other bids were:
Adam Arras & Son, $29,872.
Patrick Sofarelli, $40,861.

3/20/46 ** 4
PLANS BEING FIGURED—BIDS OPEN MARCH 25
OFFICE BUILDINGS Approximate Cost, $75,000
SALINAS, Monterey County, Calif. Owner's site.
Construction of six sepaarte 1-story frame and stucco office buildings.
Owner—Shippers' Development, Inc., 101 Highway, South Salinas.
Architect—Chas. E. Butner, 7 Winham St., Salinas.

The following contractors have taken out plans:
Stolte, Inc., Casanova Ave., Monterey.
Pacific Builders, 312 E. Alisal, Salinas.
Vern R. Huck, 3021 Rowena Ave., Los Angeles.
F. V. Hampshire, 103 Nacional St., Salinas.

3/20/46 ** 5
WORK UNDER WAY
RESTAURANT Approx. Cost, $100,000
SAN FRANCISCO. Van Ness Ave. and Clay St.
Remodel two-story building.
Owner—Louis Boisot.
Architect — Gardner A. Dailey, 210 Post St.
Contractor—Jacks & Irvine, 620 Market St.

Cost includes equipment.

3/20/46 * * 3
COMPLETING WORKING DRAWINGS
STORE
SAN JOSE, Santa Clara Co., Calif. E Santa Clara St. near 34th Street.
Construction of frame and stucco building (40x100 ft.) to contain two stores; glass block.
Owner—E. H. Seagrave, c/o Arch.
Architect—Gifford E. Sobey, 69 So. First Street, San Jose.

3/20/46 * * 7
COMPLETING PLANS
GROCERY STORE
SAN JOSE, Santa Clara Co., Calif. Fourth and Jackson Streets.
Construction of frame, stucco building with brick masonry interior walls, to contain grocery store on ground floor and residence and dentist's office on second floor.
Owner—Dr. James Chan, c/o Arch.
Architect—Gifford E. Sobey, 69 So. First Street, San Jose.

3/20/46 ** 3
CONTRACT AWARDED
WAREHOUSE Approx. Cost, $60,000
EMERYVILLE, Alameda Co., Calif. 59th and Doyle Sts.
Construction of concrete block warehouse.
Owner—Hart Distributors Co.
Consulting Engineer—H. M. O'Neill Co., 610 16th St., Oakland.
Contractor—William Horstmeyer Co., 23 Mars St., San Francisco.

9-10—EDUCATIONAL BUILDINGS

3/20/46 ** 9
COMPLETING PRELIMINARY PLANS
SCHOOL BUILDING Cost, $28,000
SANTA ROSA, Sonoma County, Calif. Between Santa Rosa and Sebastopol.
Construction of wood frame school building, concrete floor, wood roof, four classrooms and office.
Owner — Wright Elementary School District, Santa Rosa.
Architect—Clarence J. Felciano, 4010 Montecito Ave., Santa Rosa.

3/20/46 9
TO START CONSTRUCTION
REPAIR SCHOOL Cost, $8,000
WATSONVILLE, Santa Cruz County, Calif. E. Lake St.
Repair St. Francis School, recently damaged by fire.
Owner — St. Francis School, Rev. Father Geo. Salbeck, Watsonville.
Plans by contractor.
Contractor—Joseph E. Knight, Route 1, Box 19, Watsonville.

3/20/46 ** 9
BOND ELECTION
SCHOOLS Cost, $125,000
SANGER, Fresno County, Calif.
Construction of two new school buildings, one in South Sanger and the other on Webster Ave.
Owner — Sanger Elementary School District, Dr. Arthur Walter, Sanger.
Architect—Not given.

The district will vote in May on a proposal to issue bonds in the amount of $125,000 to finance the above construction.

3/20/46 ** 9
PREPARING PLANS
SCHOOL BUILDING Cost, $75,000
CLOVIS, Fresno County, Calif. 2nd St. between Clovis Ave. and Pollsky St.
Construction of frame and stucco elementary school building, including the necessary sanitary facilities and a kindergarten and covering 10,000 sq. ft. of floor space.
Owner — Clovis Elementary School District, Dennis F. Hallowell, chairman of the Board of Trustees, Clovis.
Architect—David Horn, Rowell Bldg., Fresno.

3/20/46 * * 9
BIDS OPENED
SCHOOL BUILDINGS
PITTSBURG, Contra Costa Co., Calif.
Construction of two frame and concrete and brick veneered additions, one 3-classroom addition to the senior high school and one 4-classroom and toilet addition to the junior high school.
Owner — Pittsburg Unified School Dist., Armand Stow, clerk, Senior High School, School St., opposite Norton St., Pittsburg.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.
Low Bidder—Lawrence Constr. Co., 3020 V St., Sacramento, $111,893.

Other bidders were:
V. G. Siino, Pittsburg, $112,763.
Transwestern Constr. Co., S. F., $117,255.

Bids are being held under advisement.

3/20/46 * * 9
TO ASK BIDS SHORTLY
SCHOOL BUILDING Cost, $120,000
PITTSBURG, Contra Costa Co., Cal. Willow Pass Road.
Construction of frame and stucco school building containing 6 classrooms and an addition to Ambrose School.
Owner—Ambrose School Dist., Ambrose Pass Road, Pittsburg.
Architect—Carl F. Gromme, Alberts Building, San Rafael.

Plans will be forwarded to Sacramento for approval immediately and bids are expected to be asked in about two weeks.

3/20/46 ** 9
BIDS WANTED—TO CLOSE MARCH 28, 5 P. M.
FRESNO, Calif. T. L. Heaton School. Remodel cafeteria.
Owner—Fresno School District, L. L. Smith, secretary, 2348 Mariposa St., Fresno.
Architect — David H. Horn, Rowell Bldg., Fresno 1.

Specifications obtainable from the office of the architect. Bids must be accompanied by a bidder's bond or certified check for 10% of the amount of the bid.

3/20/46 ** 10
TO START WORKING DRAWINGS
JURISPRUDENCE BUILDING Approximate Cost, $900,000
BERKELEY, Alameda County, Calif. Berkeley Campus.
Construction of three-story L-shaped jurisprudence building consisting of two distinct parts: one wing to be known as The Boalt, commemorating old Boalt Hall, and a second to be called McEnerny Law Library, in honor of the late Garrett McEnerny; the building will probably be of steel frame.
Owner—Regents of the University of California, Berkeley.
Architect—W. C. Perry, 260 California St., San Francisco.
Supervising Architect—Arthur Brown Jr., 251 Kearny St., San Francisco.
Engineer — Harold B. Hammill, 381 Bush St., San Francisco.
Mechanical Engineer—James Gayner, 260 California St., San Francisco.

Preliminary plans have been approved by the supervising architect and the owner.

3/20/46 ** 9
PREPARING WORKING DRAWINGS
CLASSROOMS Approx. Cost $20,000 to $25,000
YOLO COUNTY, Calif. West Acre Elementary School.
Construction of two-classroom addition.
Owner—Washington School District, Yolo County.
Architect—Chas. F. Dean, California State Life Bldg., Sacramento.

11—HOSPITALS

3/20/46 * * 11
PREPARING WORKING DRAWINGS
HOSPITAL ADDITIONS Approx. Cost, $650,000
SACRAMENTO, Sacramento Co., Cal.
Construction of 3-story reinf. conc. addition to main county hospital bldg. and addition to nurses' home.
Owner — Sacramento County, Court House, Sacramento.
Architect—Geo. C. Sellon, California State Life Bldg., Sacramento.

3/20/46 ** 11
PLANS COMPLETED
COUNTY HOSPITAL Cost, $200,000
JACKSON, Amador County, Calif.
Construction of one-story reinforced concrete county hospital to contain 34 beds.
Owner—County of Amador, Courthouse, Jackson.
Architect—George C. Sellon, California State Life Bldg., Sacramento.

12-13—INDUSTRIAL BUILDINGS

3/20/46 ** 12
WORK UNDER WAY
INDUSTRIAL BUILDING Contract Price, $152,234
SAN FRANCISCO. Tennessee near 20th St.
Construction of one-story and mezzanine, steel frame industrial building.
Owner—American Meter Co., 471 11th St.
Architect—John H. Devitt, 580 Market St.
Contractor—Fred W. Schell, 666 Mission St.

3/20/46 ** 12
CONTRACT AWARDED
LAUNDRY Contract Price, $69,167
SAN JOSE, Santa Clara Co., Calif. Delmas Ave.
Construction of one-story and mezzanine laundry plant with steel trusses (85x150 ft.).
Owner—Exchange Linen Service Co., 44 W. Julian St., San Jose.
Architect — Irwin M. Johnson, 449 MacArthur Blvd., West Oakland.
Contractor—O. E. Anderson, 398 Menker Ave., San Jose.

3/20/46 ** 12
FIRE LOSS
STOCKTON, San Joaquin Co., Calif.—Fire recently destroyed the main section of the Electric Planing Mill, 545 S. Monroe, Stockton, and James McIntosh, the owner, estimated damage at $100,000.

3/20/46 ** 12
CONTRACT AWARDED
MILL BLDG. & SILOS Cost, $190,000
FRESNO, Calif. 315 N. H St.
Construction of reinforced concrete mill building and silos.
Owner—J. B. Hill Co., 315 N. H St., Fresno.
Structural Engineer—J. J. Gould, Financial Center Bldg., San Francisco.
Contractors—E. S. McKittrick Co., 610 16th St., Oakland, and J. T. Cowan, Brix Bldg., Fresno.

14-17—PUBLIC BLDGS.

3/20/46 * * 17
COMPLETING WORKING DRAWINGS
DETENTION HOME Cost, $75,000
NEVADA CITY, Nevada Co., Calif.
Construction of two-story reinforced concrete detention home.
Owner—County of Nevada.
Architect—Geo. C. Sellon, California State Life Bldg., Sacramento.

18-19—RELIGIOUS BLDGS. BUILDINGS

3/20/46 ** 19
TO TAKE SEGREGATED BIDS
CHURCH Approx. Cost, $75,000
SAN FRANCISCO. 19th Ave. and Montevista.
Construction of part frame and part reinforced concrete church building to seat 500 persons.
Owner—Temple Baptist Church, 1775 25th Ave.
Architect—Donald Powers Smith, 58 Sutter St.

A building permit will be taken out this week and the owner will take segregated bids.

22-26—RESIDENTIAL BUILDINGS

3/20/46 ** 24
CONTRACT AWARDED
RESIDENCE Est. Cost, $12,000
WALNUT CREEK, Contra Costa Co., Calif.
Construction of one- and part two-story residence.
Owners—Mr. and Mrs. Shawan.
Architect—Guy L. Brown, Bank of Commerce Bldg., Oakland.
Contractor—Geo. J. Maurer, 50 York Dr., Piedmont.

3/20/46 ** 23
PREPARING WORKING DRAWINGS
APARTMENTS Est. Cost, $70,000
SAN MATEO, San Mateo Co., Calif. Baywood Park.
Construction of 10 apartments, 4-5 rooms each, L-shaped, hardwood floors, tile bath and kitchen, lower type furnaces, steel sash, stucco and wood exterior, ornamental iron rail balcony and individual garages.
Owner—Dr V. T. Mulligan, c/o architect.
Architect—Donnell E. Jaekle, Builders' Exchange Bldg., 201 S. Market St., San Jose.

WANTED

FOR SALE - FOR RENT

USED EQUIPMENT AND MATERIALS

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3 HIGH PRESSURE H.R.T. BOILERS, in operation now. Phone SUtter 1081. (3/15-18-19-20-21)

Surplus Equipment: Excellent condition: 1938 WHITE FLATBED LBR TRUCK, 5-ton, 1943 motor; 1930 KLEIBER FLATBED TRUCK (needs motor); 1 NOVO WATER PUMP, serial P-16870; 1 HYSTER TOWING WINCH for D-6 Cat. Peninsula Pacific Constr. Co., Spring and Chestnut, Redwood City. Phone Redwood 1722. (3/13-14-15-18-19/46)

FOR RENT

LUMBER HANDLING EQUIPMENT: CARRIERS, STACKERS, TRUCKS. Call Mac, Pacific Carriers. Oakland. KE 4-1651.

WANTED

LOCOMOTIVE CRANE, DIESEL-POWERED, STANDARD GAUGE, 40 to 50 FT. BEAM, WITH OR WITHOUT MAGNET. A. D. Schader, 144 Spear St., San Francisco. Phone DO. 4577. to Mar. 22, 1946

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Clayton and Ygnacio Canals Specification No. 1188	Central Valley Project	3-27

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

ALTER and Clean Bldg., 501-7 Howard St., S. F.; Bids open Mar. 20, 10 AM
Mariposa Constr. Co., 1106 Mariposa St., San Francisco (UNderhill 0375)
C. L. Wold Constr. Co., 4412 Fulton St., San Francisco (SKyline 4362)
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317)

Firehouse Addition, San Francisco Naval Shipyard; NOy 13034; Bids close March 20, 11:00 A. M.
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310).
A. Farnell Blair Co., Inc., 9 Main St., San Francisco (YUkon 0390)

N. Rothman Factory, South S. F.; Bids open March 22, 11 A. M.
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081)
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Transwestern Constr. Co., Rm. 825, Rialto Bldg., S. F. (DOuglas 5708)
Rademann-Guisto, 40 Ringold St, San Francisco (MArket 8151)
Peter Kiewit Sons' Co, 442 Post St., San Francisco (EXbrook 5736)
Empire Constr. Co., 344 Harriet St., San Francisco (HEmlock 3400)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

Garage, R. Casazza, Lomita Park; Bids open March 22, 11 A. M.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)

Superstructure for Ordnance Shop, San Francisco Naval Shipyard; NOy 12968; Spec. 17152; Bids open March 20, 11:00 A. M.
Jas. I. Barnes Constr. Co., 941 Russ Bldg., S. F. (EXbrook 6905 or 7054)
E. S. McKittrick Co., 610—16th St., Oakland (TWin Oaks 5070).
M & K Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
A. Farnell Blair Co., Inc., 9 Main St., San Francisco (YUkon 0390).
Moore & Roberts, 693 Mission St. San Francisco (GArfield 8579).
Peter Kiewit Sons' Co., 442 Post St., San Francisco (EXbrook 5736).
Barrett & Hilp, 918 Harrison St., San Francisco (DOuglas 0700).
Parker, Steffens & Pearce, 135 South Park, San Francisco (EXbrook 6639)
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Clinton Constr. Co., 923 Folsom St., San Francisco (SUtter 3440)

Remodel Fortuna Market, 18th and Connecticut, S. F.; Bids open March 22
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070)

Warehouse and Office, Firebrick Supply, 18th and Indiana Streets, San Francisco; Bids open March 27, 3:00 P. M.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070)

CONTRACTORS . . .
See us regarding Improvement District jobs. We handle collections; buy Warrants or Bonds on all 1915 or 1911 Act Districts. Telephone GArfield 8000.
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TO HOME BUILDERS . . .

Now is the time to secure your choice of building sites in a restricted tract of the finest view property available on the Peninsula.

Tract consists of 10 acres in the city of San Mateo and 55 acres in the town of Hillsborough subdivided into 69 beautiful building sites. They range from 1/4 acre to 4 acres; priced from $2,750 to $13,600 including improvements.

Present prices are subject to sharp advancement upon completion of improvements; when unsold sites will be extensively advertised to the public.

Engineering is now being completed for streets, sewers and water system; work is scheduled to start during May of this year.

Property can be inspected by appointment by calling

Frank Ashby, Owner, at MArket 1230

ADVANCE CONSTRUCTION REPORTS

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Water Supply and Sewage Disposal Plants 31-32
Bridges 33
Dams, Reservoirs and Dredging 34
Docks, Piers & Harbors 35
Parks, Airports and Playgrounds 36
Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

3/20/46 • • 31
BIDS WANTED

YOLO COUNTY, Calif.—Until Apr. 4, 2 P. M., bids will be received by the State Division of Highways, C. H. Whitmore, District Engineer, 703 "B" Street, Marysville, for drilling and casing water well at the State Highway Nursery about 3 miles east of Davis, Yolo County.

Work involves:
(1) 200 l.f. drilling and casing well;
(2) 30 hours pumping well.

Specifications obtainable from the above office.

3/20/46 • • 31
BIDS OPENED

SAN FRANCISCO.—N. O. Wiseth, 711 McAllister Street, at $1575 submitted low bid to the Public Utilities Commission, Room 287, City Hall under Spec. 411-A, for construction of Lincoln Park pumping station building.

Chas. E. Walt, at $1675 submitted only other bid.

34—DAMS, RESERVOIRS & DREDGING

3/20/46 • • 34
CONTRACT AWARDED

HILLSBOROUGH, San Mateo Co., Cal.—A. Mattson, 304 Mastick Ave., San Bruno, at $3613 submitted low bid and awarded contract by the City of Hillsborough for construction of reinf. concrete retaining wall on Central Springs Road. Plans by Engineer E. P. Wilsey, 705 El Camino Real, Hillsborough.

Complete bids were:

A. Mattson, (1) $4; (2) $2; (3) $45; (4) $0.30; (5) $3.50; (6) $100; total, $3613.

L. C. Smith, San Mateo, (1) $3.50; (2) $3; (3) $45; (4) $0.30; (5) $4; (6) $125; total, $3872.

Chas. E. Wait, San Francisco, (1) $6.75; (2) $5.25; (3) $39.50; (4) $0.41; (5) $5.35; (6) $140; total, $4496.80.

Eastbay Constr. Co., (1) $5; (2) $3; (3) $55; (4) $0.50; (5) $4.50; (6) $150; total, $4631.

3/20/46 •• 34
CONTRACTS AWARDED

CENTRAL VALLEY PROJECT, Friant-Kern Canal. — Bechtel Bros.-McCone, 220 Bush St., San Francisco, at $267,805 on Schedule No. 1, and Peter Kiewit Sons Co., 442 Post St., San Francisco, at $3,377,605.85 on Schedules No. 2 and 3, awarded contracts by the U. S. Bureau of Reclamation, Friant, under Spec. 1148 for construction of the next 15-mile lap of the Central Valley Project's 160-mile Friant-Kern Canal, Friant Division, Central Valley Project; Spec. No. 1148.

The work, in general, consists of the construction of earthwork, concrete lining and structures, station 301 plus 60 to station 1144 plus 00, and wasteway at station 298 plus 66. The work is situated from 14 miles north to 15 miles east of Fresno.

3/20/46 •• 34
CONTRACT AWARDED

ELLSWORTH COUNTY, Kansas. —Western Contracting Corp., Sioux City, Iowa, at $4,142,832.60, awarded contract by the U. S. District Engineer Office, 601 Davidson Bldg., Kansas City, Mo., for construction of Kanapolis Dam, across the Smokey Hill River near Ellsworth and Salina, Kan. The dam is a compacted structure, approximately 100 ft. high and 4000 ft. long, with riprap on the slope.

3/20/46 • • 34
BIDS OPENED 4

LOS ANGELES, Calif.—Guy F. Atkinson Co., 1103 Heartwell Building, Long Beach, at $992,000 submitted the low bid to the U. S. District Engineer Office, 751 S. Figueroa St., Los Angeles, March 18, for construction of Los Angeles river improvements, Aliso St. to Alhambra Ave., river mile 22.2 to river mile 22.9; Serial 149.

The project involves the construction of 4100 lin. ft. of river channel improvements and appurtenant work. The channel improvement consists of construction of reinforced concrete slope paving on the riverbanks, with parapet walls and berm paving at the top. Concrete pier extensions and connecting walls will be built for the Union Pacific and Southern Pacific bridges. Other work includes the replacemnet of wooden subdrain riser hoods in the invert with cast iron hoods, construction of fencing on channel walls, and the installation of corrugated metal pipe drains with appurtenant concrete outlet structure. Principal features of the work include: Clearing site and removing obstructions; excavating and backfilling; driving steel bearing piles; constructing reinforced concrete slope paving, berm walls and pier protection; side drainage structures and pipe, and fencing.

The bids will be taken as follows:
(1) lump sum, clearing site and removing obstructions;
(2) 72 lin. ft. pulling or cutting off steel sheet pile wall;
(3) 117,300 cu. yds. channel excavation;
(4) 1840 cu. yds. structure excavation;
(5) 34,320 cu. yds. rock excavation;
(6) 4850 cu. yds. rock excavation;
(7) 6700 cu. yds. crushed gravel or crushed rock backing;
(8) 460 cu. yds. grave lin pockets and drains;
(9) 738 each cap for steel bearing piles;
(10) 240 lin. ft. steel bearing piles, vertical;
(11) 21,900 lin. ft. steel bearing piles, batter;
(12) 50 each splicing steel bearing piles;
(13) deleted;
(14) 350 cu. yds. concrete, invert;
(16) 312 cu. yds. concrete slope paving toe;
(16) 11,080 cu. yds. concrete slope paving;
(17) 6540 cu. yds. concrete footings for walls and pier extensions;
(18) 5470 cu. yds. concrete walls and pier extensions;
(19) 800 cu. yds. concrete berm paving and misc. structures;
(20) 2,625,000 lbs. steel reinforcement bars;
(21) 13,000 lbs. steel reinforcement fabric;
(22) 4010 each expansion joint sleeves
(23) 980 each cineh anchor;
(24) 72 lin. ft. 8-in. corrugated metal pipe;
(25) 40 lin. ft. 12-in. same;
(26) 82 lin. ft. 15-in. same;
(27) 40 lin. ft. 18-in. same;
(28) 40 lin. ft. 24-in. same;
(29) 50 lin. ft. 30-in. same;
(30) 19 lin. ft. 42-in. same;
(31) 5 each 8-in. automatic drainage gate;
(32) 5 each 15-in. same;
(33) 6833 lin. ft. channel fencing;
(34) 4350 lbs. misc. metal work;
(35) 27 each subdrain hoods;
(36) 36,200 bbls. portland cement;
(37) 33,000 tons salvaging and placing derrick stone;
(38) 80,000 ton miles hauling derrick stone;
(39) 4500 sq. ft. ¼in. fiber expansion joint filler;
(40) 350 sq. ft. ½-in. fiber expansion joint filler;
(41) 12,000 sq. ft. 1in. fiber expansion joint filler.

Total bids were:
(A) Guy F. Atkinson Co., $992,000.
(B) Bressi & Bevanda Constructors, Inc., Los Angeles, $995,586.40.
(C) Basich Bros., Alhambra, $1,113,-209.85.
(D) Morrison-Knudsen Co., Los Angeles, $1,218,351.05.
(E) Government estimate, $867,520.68.

Unit bids were:

	(A)	(B)	(C)	(D)	(E)
(1)	30,884	18,000	14,000	16,900	36,759
(2)	2.50	2.50	2.20	2.65	2.46
(3)	.80	1.00	.80	1.40	.73
(4)	3.75	3.00	3.70	3.30	2.82
(5)	1.25	1.00	1.50	2.35	.53
(6)	2.00	1.20	1.60	3.70	2.37
(7)	3.00	3.40	3.30	4.00	3.19
(8)	4.00	6.50	8.70	6.00	4.62
(9)	8.00	8.60	8.90	6.50	5.30
(10)	3.00	3.60	3.60	3.60	3.34
(11)	3.30	3.80	3.80	3.60	3.58
(12)	12.00	12.50	6.00	44.00	9.00
(13)	....	....	....	....	....
(14)	9.00	10.00	10.00	11.70	7.85
(15)	9.00	10.00	10.50	15.70	7.84
(16)	10.00	9.00	11.30	11.60	9.13
(17)	11.70	11.50	18.80	12.60	9.75
(18)	39.00	35.50	37.50	39.00	24.35
(19)	20.00	28.00	30.00	41.50	23.31
(20)	.055	.06	.062	.07	.055
(21)	.12	.13	.12	.15	.16
(22)	1.00	1.00	1.00	1.00	.68
(23)	2.00	1.75	2.30	1.80	1.44
(24)	2.00	2.75	5.00	2.20	2.11
(25)	2.50	3.25	5.60	2.85	2.94
(26)	3.00	4.00	6.00	3.60	4.24
(27)	3.50	5.25	7.00	3.85	4.43
(28)	5.00	9.00	9.00	6.50	6.35
(29)	6.00	10.00	12.00	7.80	7.39
(30)	12.00	16.00	12.50	12.30	14.11
(31)	20.00	55.00	40.00	25.00	36.69
(32)	25.00	65.00	250.00	36.00	61.92
(33)	.75	.70	.75	.85	.94
(34)	.45	.45	.40	.42	.52
(35)	200.00	150.00	190.00	156.00	170.27
(36)	2.25	2.10	2.75	2.65	2.33
(37)	.60	.70	1.00	.80	.60
(38)	.15	.20	.20	.17	.08
(39)	.20	.25	.10	.47	.14
(40)	.30	.30	.20	.51	.22
(41)	.35	.40	30	.60	.28

3/20/46 • • 34
BIDS POSTPONED

CENTRAL VALLEY PROJECT, California.—Until April 10, 10 A. M. (postponed from March 29), bids will be received by Bureau of Reclamation, Walker R. Young, chief engineer, Friant, Calif., under Spec. 1181 for construction of earthwork, canal lining and structures, King's River wasteway and King's River siphon, Station 1591 plus 66.15 to Station 1647 plus 75, Friant-Kern Canal, Friant Division, Central Valley Project. The work is situated approximately 18 miles east of Fresno.

The principal items of work and the estimated quantities involved are as follows:
(1) 237,500 c.y. common excavation for canal;
(2) 193,000 c.y. rock do;
(3) 5,500 c.y. compacting embankments;
(4) 40,000 c.y. common excavation for wasteway channel;
(5) 100 c.y. rock do;
(6) 35,000 c.y. common excavation for struc. except siphon barrel;
(7) 300 c.y. rock do;
(8) 200,000 c.y. common excav. for siphon barrel bet. Sta. 1596 plus 88.9 and 1627 plus 41.36;
(9) 100 c.y. rock do;
(10) trimming 6,100 s.y. earth foundations for concrete lining;
(11) preparing 16,000 s.y. of rock do;
(12) 16,300 c.y. backfill about struc.;
(13) 122,000 c.y. backfill about siphon barrel;
(14) 6.200 c.y. compacting backfill about structures;
(15) 6,100 c.y. riprap;
(16) constructing 265 c.y. filter;
(17) constructing 1,250 l.f. of feeder drain;
(18) constructing 1,150 l.f. of 6-inch dia. tile drains with uncemented joints;
(19) 4,325 c.y. concrete in struc.;
(20) 21,600 c.y. concrete in siphon barrel;
(21) 2,070 c.y. concrete in canal lining;
(22) placing 3,944,000 lbs. reinf. bars;
(23) placing 785 s.f. elastic joint-filler material;
(24) placing 280 l.f. rubber water stops;
(25) installing 360 l.f. clay pipe in filters;
(26) installing 8,700 lbs. of cast-iron pipe in filters;
(27) layng 66 l.f. 12-in. diam. cement-asbestos pipe;
(28) erecting 250,000 lbs. structural steel in highway bridge;
(29) placing 79,500 lbs. of metal water stop in joints;
(30) erecting 11 M. ft. b.m. tmber in railings;
(31) installing 61,000 lbs. radial gates
(32) installing 42,200 lbs. radial-gate hoists and operating and control mechanisms;
(33) installing 10,930 lbs. cylinder gate, gate frames and hoist;
(34) installing 11,900 lbs. of misc. metal work;
(35) installing 125 cwt. of bit. material in float drums;
(36) installing 1,400 l.f. of electrical conduits;
(37) installing 550 lbs. of electrical conductors and ground wires;
(38) installing 600 lbs. electrical apparatus;
(39) constructing 0.75 mile barbed wire right-of-way fence;
(40) constructing 0.20 mile of comb. barbed-wire and woven-wire right-of-way fence;
(41) constructng two cattle guards.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, Chief Engineer, U. S. Customhouse, Denver 2, Colo.; R. L. Boke, Regional Director, Old Post Office Bldg., 7th and K Sts., Sacramento 14, Calif.; R. K. Durant, Acting Construction Engineer, Friant Calif., and Michael W. Straus, Commissioner, Bureau of Reclamaton, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the Acting Construction Engineer.

No charge to prospective bidders for copies of the specifications and and drawings; to others, $2.50 per copy, not returnable.

3/20/46 • • 34
BIDS POSTPONED

ALTUS PROJECT, Okla. — Until March 25, 10 A. M. (postponed from Mar. 15) bids will be received by the U. S. Bureau of Reclamation, Altus, Okla, under Spec. 1179 for the construction of earthwork and structures, station 1 plus 00 to station 590 plus 36, west canal, Altus Project, Okla. The work is situated north and west of Blair, Okla.

The principal items of work and the estimated quantities involved are as follows:
(1) 100,000 cu. yds. excavation for laterals;
(2) 50,000 sta. cu. yds. overhaul;
(3) 6000 cu. yds. compacting embankments;
(4) 2500 cu. yds. excavation for drainage channels and dikes;
(5) 38,000 cu. yds. excavation for structures;
(6) 37,500 cu. yds. backfill;
(7) 4500 cu. yds. compacting backfill;
(8) 900 cu. yds. concrete in structures;
(9) placing 70,000 lbs. reinforcement bars;
(10) 1000 sq. yds. dry-rock paving;
(11) erecting 17 M ft. b.m. of timber in structures;
(12) laying 244 lin. ft. 18-in. diameter concrete pipe for turnouts, culverts and siphons;
(13) laying 1688 lin. ft. 24-in. diameter concrete pipe for turnouts, culverts and siphons;
(14) laying 308 lin. ft. 30-in. diameter concrete pipe for turnouts, culverts and siphons;
(15) laying 52 lin. ft. 36-in. diameter concrete pipe for turnouts, culverts and siphons;
(16) laying 40 lin. ft. 42-in. diameter concrete pipe for turnouts, culverts and siphons;
(17) laying 176 lin. ft. 48-in. diameter concrete pipe for turnouts, culverts and siphons;
(18) laying 3920 lin. ft. 24-in. diameter concrete pipe for city pipeline;
(19) laying 12,850 lin. ft. 30-in. diameter concrete pipe for city pipeline;
(20) placing 600 lbs. metal water stops in joints;
(21) installing 16,600 lbs. gates;
(22) installing 16,000 lbs. miscellaneous metal work.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo.; W. R. Nelson, regional director, P. O. Box 1609, Oliver-Eakle Bldg., 6th and Polk Sts., Amarillo, Texas; H. E. Robbins, construction engineer, Altus, Okla., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the construction engineer.

Specifications obtainable free of charge to prospective bidders; to others, $2.25, not returnable.

35— DOCKS, PIERS & HARBORS

3/20/46 •• 36
TO ASK BIDS

CATAPULT & ARRESTING GEAR INYOKERN, Kern County, Calif.

Land-plane catapult and arresting gear, including catapult pit and arresting gear pit of concrete construction, concrete pavement, soil stabilization, drainage system, air compressor and piping, heating and ventilation, plumbing and electrical work; Spec. 17449.

Owner—Bureau of Yards and Docks, Officer in Charge of Construction, Naval Ordnance Test Station, Inyokern.

Plans and specifications obtainable from the above office upon deposit of check or postal money order for $40, payable to the Chief of Bureau of Yards and Docks.

3/20/46 •• 35
BIDS WANTED

SAN FRANCISCO.—Until April 17, 2 P. M., bids will be received by the U. S. Engineer Office, 74 New Montgomery St., San Francisco, under Serial No. 04-203-46-9 for removal and disposal of tug U. S. S. Tamaroa from the vicinity of Hunters Point, San Francisco Bay.

Specifications obtainable from the above office.

36— PARKS, AIRPORTS & PLAYGROUNDS

3/20/46 •• 36
BIDS OPENED

SOUTH SAN FRANCISCO, San Mateo Co., Calif.—Cyclone Fence Co., 440 Bayshore Blvd., San Francisco, at $1398, submitted low bid to the City of South San Francisco, City Hall, for construction of a wire fence in Orane Ave. Park.

Other bids were:
Anchor Post Fence Co., $2105.
W. S. Wetenhall Co., $2556.52.

38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

3/20/46 •• 38
BIDS WANTED

THE DALLES, Ore.—Until April 9, 10 A. M., bids will be received by the Wasco Electric Cooperative, Inc., Wasco County Courthouse, The Dalles, Ore., for the construction of a single section of distribution line consisting of 32.8 miles of 3-phase, 4-wire, 7.2/12.5-kv. line; 146.7 miles of single phase, 2-wire, 7.2-kv.; 3.5 miles secondary, 120-240-volt line, and 2 miles of 120-240-volt service drops, located in southern Wasco and Sherman Counties, overlapping into Wheeler and Jefferson Counties. Plans and specifications are available at the above office.

3/20/46 •• 38
COMPLETE BIDS

CENTRAL VALLEY PROJECT, California. — As previously reported, American Bridge Co., Denver, Colo., at $451,353, submitted low bid to the U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Denver, Colo., under Spec. No. 1162 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Marysville, Calif., at the option of the bidder, galvanized steel towers and appurtenances for the 230-kv. Oroville - Sacramento transmisison line, Central Valley Project, California.

The complete total bids were:

American Bridge Co., $451,353, f.o.b. shipping point, Pittsburgh, Pa.

Bethlehem Pacific Coast Steel Corp., $473,545, f.o.b. South San Francisco.

Muskogee Iron Works, $605,344, f.o.b. Marysville, Calif.

PIPE
PIPE - VALVES - FITTINGS
Facilities for pipe bending and manifolds
Write for Prices
Pacific Pipe Co.
160 Spear St., San Francisco

3/20/46 •• 38
BIDS OPENED

SAN FRANCISCO.—H. C. Reid & Co., 389 Clementina St., San Francisco, at $3025, submitted low bid to Public Utilities Commission, Rm. 287 City Hall, under Bureau of Light, Heat and Power Contract No. 42 for constructing a street lighting system on Lansdale Ave.-Dalewood Way to Robin Hood Dr.; Casitas Ave.-Lansdale Ave. to Cresta Vista Dr. (Sherwood Forest).

Other bids were:
R. Flatland, $3124.
Cimino Electric Co., $3350.
George Brayer, $4111.
Severin Electric Co., $4221.
Manning & Whitaker, $4245.
Abbett Electric Co., $4680.

40— STREETS AND HIGHWAYS

3/20/46 •• 40
BLUE PRINTS AVAILABLE

SACRAMENTO, Calif.—State Highway Engineer G. T. McCoy announces cost of blue prints now available for work for which bids will be opened in Sacramento on Wednesday, April 3, and on April 10 and in Los Angeles on April 11, 1946:

II-Sha-28-B, between 4.5 miles east of Ingot and Montgomery Creek; no charge

VI-Ker-33-C, between Lost Hills and Wasco; no charge.

VI-Ker-4-C,Bkd, at Bakersfield, between Brundage Lane and 24th St.: Plans(including sales tax), $6.92; cross-sections (including sales tax), $6.30; total cost plans and cross-sections (including sales tax), $13.22.

XI-S.D-77-S.D.,A, between 0.4 mile south of Mission Valley Rd. and 0.5 mile north of the north city limits of San Diego: Plans (including sales tax), $8.46; cross-sections (including sales tax), $24.75; total cost plans and cross-sections (including sales tax), $33.21.

Checks for the above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento, Calif.

Blue prints of plans are sold at cost and are not returnable for refund.

3/20/46 • • 40
LOW BIDDERS

WASHINGTON STATE.—The following submitted low bids to Clarence B. Shain, state director of highways, Olympia, Wash., for the construction of the following highway and bridge improvement projects:

(1) Grading and constructing cement concrete pavement and sidewalks on 0.577 mile of primary state highway No. 3, Yakima-S. First St. extension in Yakima County; FAP No. U-132 (21).

Low bidder — Toney Romano, 419 21st St., Seattle, $63,617.65.

(2) Grading and widening existing pavement with portland cement concrete, constructing concrete sidewalks, storm and sanitary sewers and drainage structures on 4.153 miles of primary state highway No. 5, in Tacoma on Pacific Ave. from S. 34th St. to S. 96th St., in Pierce County; FAP No. U-159 (11).

Low bidder—Woodworth & Co., Inc., 1200 E. D St., Tacoma, $237,316.

(3) Grading, surfacing and stockpiling mineral aggregate on 6.604 miles of primary state highway No. 18 and secondary state highway No. 11-C, Imber Creek to Ewan in Whitman County; FAP No. S-276 (6) Unit 1.

Low bidder—Roy L. Bair & Co., W. 1220 Ide, Spokane, $126,000.34.

(4) Constructing 4 reinforced concrete bridges on primary state highway No. 18 and secondary state highway No. 11-C, Imbler Creek to Ewan in Whitman County, as follows: 3 continuous slab bridges 72 ft. long, 54 feet long and 50 ft. long, respectively, and one T-beam bridge 132 ft. long; FAP No. S-276 (6), Unit 2.

Low bidder—Sather & Sons, N. 1410 Howe Yardley, Spokane, $44,846.99.

(5) Grading and surfacing on 9.026 miles of secondary state highway No. 3-E, junction secondary state highway No. 3-D to Waitsburg in Walla Walla County; FAP No. S-263 (6), Unit 1.

Low bidder—Roy L. Bair & Co., $174,474.39.

(6) Grading, ballasting, surfacing and constructing light bituminous surface treatment on 8.062 miles of secondary state highway No. 10-A, Disautel Summit to Omak in Okanokan County; FAP No. S-41 (3).

Low bidder—C. E. O'Neal, Ellensburg, Wash., $202,476.77.

41—GAS, WATER AND OIL PIPE LINES

3/20/46 •• 41
BIDS OPENED

SAN FRANCISCO, Calif. — Fred T. Fairey, 1874 25th Ave., San Francisco, at $7402.60, submitted low bid to Public Utilities Commission, Rm. 287 City Hall, under Water Department contract No. 416 for laying 6- and 8-in. cast iron mains in 28th, 42nd, 43rd Ave. and Rivera St.

Work involves:
(1) 2580 l.f. excav. and backfill;
(4a) 2150 l.f. install 6-in. bell and spigot cast iron pipe;
(4b) 420 l.f. install 8-inch do;
(5) 4800 lbs. install fittings, gate valves, etc.;
(6a) 300 l.f. make bell and spigot joints for pipe and fittings;
(7) 180 s.f. street pavement;
(8) 112 each install ¾-in. screw taps
(9) 2150 l.f. install ¾-in. service pipe;
(10) estimated cost field inspection per calendar day, $10.75;
(A) materials furnished and services rendered by S. F. Water Dept., $4154.50.

Complete bids follow:

Fred T. Fairey, (1) $0.46, (4a) $0.23, (4b) $0.28, (5) $0.04, (6a) $0.70, (7) $0.35, (8) $0.70, (9) $0.27, (10) 30 days; total, $7402.60.

San Francisco Water Department, (1) $0.60, (4a) $0.12, (4b) $0.15, (5) $0.04, (6a) $0.70, (7) $0.35, (8) $1, (9) $0.30, (10) 35 days; total, $7623.25

3/20/46 •• 41
BIDS OPENED

SAN FRANCISCO.—San Francisco Water Department, 425 Mason St., San Francisco, at $2840.90, submitted low bid to Public Utilities Commission, Rm. 287 City Hall, under Water Department contract No. 417 for laying 4-inch, 6-inch and 8-inch cast iron mains in Grandview Ave. and Grandview Terrace.

The work involves:
(1) 800 lin. ft. excavation and backfill;
(4a) 400 lin. ft. install bell and spigot cast iron pipe;
(4b) 280 lin. ft. do;
(4c) 120 lin. ft. do;
(5) 1800 lbs. install fittings, valves, etc.
(6a) 90 lbs. bell and spigot joints for pipe and fittings;
(7) 600 sq. ft. street pavement;
(8) 37 each install ¾-in. screw taps;
(9) 500 lin. ft. install ¾-in. service pipe;
(10) estimated field inspection per calender day, $10.75.
(A) materials furnished and services rendered by the San Francisco Water Department, $1336.50.

Complete bids follow:

San Francisco Water Department, (1) $0.80, (4a) $0.08, (4b) $0.10, (4c) $0.12, (5) $0.05, (6a) $0.70, (7) $0.35, (8) $1, (9) $0.35, (10) 20 days; total, $2840.90.

Fred T. Fairey, (1) $0.95, (4a) $0.10, (4b) $0.15, (4c) $0.25, (5) $0.04, (6a) $0.70, (7) $0.35, (8) $1, (9) $0.40, (10) 20 days; total, $3550.

3/20/46 • • 41
BIDS WANTED

SAN FRANCISCO.—Until April 2, 3 P. M., bids will be received by the Public Utilities Commission, Room 287, City Hall, under Water Department Contract No. 418, for laying 6- and 8-inch cast iron mains in Quintara Street and 41st Avenue.

Work involves:
(1) 1920 l.f. excav. and backfill;
(4a) 920 l.f. install 6-in. bell and spigot cast iron pipe;
(4b) 1000 l.f. install 8-inch do;
(5) 2800 lbs. install fittings, gate valves, etc.;
(6a) 260 l.f. make bell and spigot joints for pipe and fittings;
(8) 74 each install ¾-in. screw taps;
(9) 1840 l.f. install ¾-inch service pipe;
(10) lump sum, field inspection per day, $10.75.
(A) Materials furnished and services rendered by S. F. Water Dept., at $10.75 per cal. day.

Plans and specifications obtainable from the cashier's office, 6th floor, 425 Mason St.; no deposit required.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Misc. Supplies & Materials 42
Machinery and Equipment 43

42— MISC. SUPPLIES AND MATERIALS

3/20/46 •• 42
BIDS WANTED

CASPER, Wyo.—Until April 1, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver, Colo., under Spec. C-22,356-A for universal pole band, conehead bolts, strain links, etc., f.o.b. shipping point and/or Casper, Wyo.; Seminoe-Casper transmission line.

Specifications obtainable from the above office.

3/20/46 •• 42
BIDS WANTED

MEDICINE BOW, Wyo.—Until Apr. 1, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver, Colo., under Inv. C-22,347-A for aluminum, steel-reinforced bare stranded, twisting joints, etc., f.o.b. shipping point and/or Medicine Bow and Sinclair, Wyo.

Specifications obtainable from the above office.

3/20/46 •• 42
BIDS WANTED

CODY, Wyo.—Until April 1, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Inv. D-10,135-A for steel-reinforced bare aluminum stranded conductor, connectors, etc., f.o.b. shipping point and/or Cody, Wyo.; Heart Mountain-Garland 69-kv. transmission line.

Specifications obtainable from the above office.

3/20/46 •• 42
BIDS WANTED

FT. PECK, Mont.—Until April 1, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver 2, Colo., under Inv. 18-658-A-1 for western red cedar, southern yellow pine, ledgepole and Douglas fir poles, f.o.b. shipping point and/or Wolf Point, Mont.; Williston, Watford City, Killdeer and Hazen, N. D.; Ft. Peck-Garrison Dam transmisison line.

Specifications obtainable from the above office.

3/20/46 •• 42
BIDS WANTED

SACRAMENTO, Calif.—Until April 1, 2 P. M., bids will be received by the State Purchasing Agent, Room 107 State Office Bldg. No. 1, Sacramento, for furnishing asphaltic cement and cutback asphalts covering the requirements of the Division of Highways for period from April 1, 1946, to March 31, 1947. Bids are to be rendered on basis of tank car shipment only, with the exception of requirements shown for District VI, where deliveries will be taken in tank trucks at vendor's plants in the general Bakersfield area.

3/20/46 •• 42
BIDS WANTED

KENDRICK PROJECT, Wyoming. —Until April 15, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. 1246 for furnishing and delivering transformers, connecting switches and lightning arresters, f.o.b. shipping point or f.o.b. Casper or Parco, Wyo., as stated in the specifications, for the Casper and Alcova substations and the Seminoe power plant, Kendrick Project, Wyoming. Specifications obtainable free of charge to prospective bidders from the Bureau office; to others, $1.25, not returnable.

3/20/46 •• 42
BIDS WANTED

DENVER, Colo.—Until April 3, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver 2, Colo., under Inv. A-20,413-B for 13 each 200,000-lb. compression testing machines, f.o.b. shipping point and/or (one to each of the following destinations) McCook, Neb.; Billings, Mont.; Bismark, N. D.; Hot Springs, S .D.; Thermopolis, Wyo.; Helena, Mont.; Chester, Mont.; Coachella, Calif.; McAllen, Texas; Monte Vista, Colo.; Kingman, Ariz.; Idaho Falls, Idaho; Antioch, Calif.

Specifications obtainable from the above office.

3/20/46 •• 42
BIDS WANTED

SOCORRO, N. M.—Until April 3, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver 2, Colo., under Inv. C-8568-A-2 for western red cedar, southern yellow pine, lodgepole or Douglas fir poles, f.o.b. shipping point and/or Socorro, N. M.

3/20/46 •• 42
BIDS OPENED

SACRAMENTO, Calif.—The following submitted bids to the State Purchasing Agent, Sacramento, for materials as follows:

QUO. 41944, REQ. 104213:

American Bitumuls Co., $.0625 net; awarded; only bidder.

QUO. 41026, REQ. 104201:

Shell Oil Co., $.0525, f.o.b. Martinez.

Blomquist Oil, $.0775 in 2000-gallon lots; $.065 in 3000-gallon lots; no discount.

Miles & Son, Merced, $.0675 5000-gallon lots; discount ½ of 1 per cent.

3/20/46 •• 42
BIDS WANTED

SACRAMENTO, Calif.—Bids will be received by the State Purchasing Agent, Sacramento, for materials as follows:

March 22

QUO. 42759, REQ. 51130:

24,000 gallons asphaltic emulsion, stripping resistant, penetration type, vendor's plant, Santa Maria.

QUO. 42546, REQ. G-32425:

10,000 gallons emulsified asphalt, penetration type, delivered state trucks or drums, local to Marysville or Yuba City.

March 25

QUO. 43518, REQ. 21868:

3000 GA type emulsified asphalt in bulk lots, 400 to 500 gallons, vendor's storage vicinity of Quincy.

3/20/46 •• 42
BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until April 2, 4 P. M., bids will be received by the Oakland High School District, John W. Edgemond, secretary, 1025 2nd Ave., Oakland, under Schedule No. 80 for furnishing cafeteria equipment — mechanical dishwashing machine.

Specifications obtainable from the director of purchasing, Room 1115 Administration Bldg., 1025 2nd Ave., Oakland.

3/20/46 •• 42
BIDS WANTED

RED BLUFF, Tehama Co., Calif.—Until March 25, 7:30 P. M., bids will be received by the Red Bluff Union High School District, Fred W. Weeks, clerk, Red Bluff, for furnishing 20 right-hand arch castings and 20 left-hand arch castings for the Morgan furnace in the Red Bluff Union High School.

3/20/46 •• 42
NOTICE OF SALE

SAN FRANCISCO.—Until April 3, 10 A. M., bids will be received by the Navy Material Redistribution and Disposal Office, 785 Market St., San Francisco 3, under Sales No. B-327-46 for sale of miscellaneous materials (steel tackle blocks, anchor lines, painters, open chocks), located at 2144 Clement Ave., Alameda.

43— MACHINERY AND EQUIPMENT

3/20/46 •• 43
BIDS WANTED

DAVIS DAM PROJECT, Arizona-Nevada.—Until April 22, 2 P. M., bids will be received at the office of the Bureau of Reclamation, Denver, Colo., under Spec. 1252 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Louise, Ariz., at the option of the bidder, three motor-driven gate hoists for operating the 50- by 50-ft. regulating gates to be installed in the spillway at the Davis Dam, Davis Dam Project, Arizona-Nevada. The gate hoists will be installed by the government. No charge for copies of the specifications to prospective bona fide bidders; to others, $1, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colo.

3/20/46 •• 43
BIDS POSTPONED

BOULDER CANYON PROJECT.—Until April 1, 2 P. M. (postponed from March 12), bids will be received by the Bureau of Reclamation, Walker R. Young, chief engineer, Denver, Colo., under Spec. No. 1168 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Boulder City, Nev., at the option of the bidder, two annunciator groups, each group consisting of a 12-unit lamp assembly, one common lamp, two push-button switches and accessories; six annunciator relay assemblies as follows: two "B" assemblies, each for operating four annunciator lamps and containing the common equipment for one annunciator group, and four "T" assemblies, each for operating four annunciator lamps, and two steel cabinets, each for housing one "B" and two "T" annunciator relay assemblies, for installation at Boulder power plant, Boulder Canyon Project.

3/20/46 •• 43
NOTICE OF SALE

PLACERVILLE, El Dorado Co., Calif.—Until April 2, 2 P. M., bids will be received by the County of El Dorado, Courthouse, Placerville, for sale of (1) one leaning wheel grader No. 22, year 1934, and (2) one 10-ft. Adams leaning wheel grader, year 1938, Model 104, Serial No. 588, for a sum not less than $800.

3/20/46 •• 43
BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until March 27, 4 P. M., bids will be received by the Oakland Board of Park Directors, Cyrus W. Abbott, secretary, Room 1111 City Hall, Oakland, for furnishing 2 pickup trucks to the Park Department.

Specifications obtainable from the above office.

3/20/46 • • 43
BIDS POSTPONED

HUNTERS POINT, San Francisco. —Until March 25, 11 A. M. (postponed from March 11), bids will be received by the U. S. Navy, Bureau of Yards and Docks, Washington, D. C., under Spec. 17301 for furnishing eight anti-friction bearing overhead electric traveling cranes for the U. S. Naval Shipyard, Hunters Point.

3/20/46 • • 43
BIDS WANTED

COLUMBIA BASIN PROJECT, Washington.—Until April 22, 2 P. M., bids will be received b ythe U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1254 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Odair, Wash., at the option of the bidder, six 13- by 20.11-foot reverse-flow coaster gates for installation in the Grand Coulee pumping plant, Columbia Basin Project, Washington. The gates will be installed by the government. No charge for copies of the specifications to prospective bona fide bidders; to others, $1, not returnable.

MACHINERY WANTED
Semi - Trailer, 20 - 25 ton Capacity
STRONG & MacDONALD
4045 RUSTON WAY - TACOMA, WASHINGTON

The latest development in modern steel buildings...
RIGID FRAME
- Fire resistive
- Strong
- Permanent
- Economical

RIGID FRAME STEEL BUILDINGS now available out of stock for immediate delivery ... 40' 0" — 50' 0" — 60' 0" — 70' 0" — 80' 0" — 90' 0" or 100' 0" Spans, any length. Call for particulars

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EIGHTH AND PINE STS. PHONE TEMPLEBAR 0160
OAKLAND, CALIFORNIA

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS Applications

SAN FRANCISCO

CABINET SHOP, 1-story Class C, $28,000; SW cor Williams and Mendell; owner and builder, L E Niles, 1001 Clement St.

ALTER office bldg, $12,000; 60 California St; owner, J D and A B Spreckels Co, 2 Pine St; contractor, Oscar Presco & Sons, 250 Langton St.

ALTER cocktail bar, $10,000; 599 Post St; owner, F G Leonetti, 599 Post St; contractor, W C Savage, 2358 Fillmore St.

FLATS, 2-story frame, $10,000; N San Jose Ave 75 W Standish St; owner, E and R Harriman, c/o cntr; contractor, A Berwick, 235 Brentwood Ave.

FLATS, two 2-story frame, $7,000 each; SE Bosworth and Chilton Ave; S Bosworth 35 E Chilton; owner and builder, J Arvid Johnson, 412 Ploche St.

OFFICE, 1-story frame, $5000; NW Army and Penn Sts; owner and builder, R W Willets, premises.

ALTER flat and store, $3500; 1628 Post; owner, Gertrude Armstrong, 1905 Laguna St.

ALTER dwelling, $3000; 2840 Lake; owner, Mrs I Goodman, prem; contractor, W C Savage, 2358 Fillmore.

ALTER apt house, $2000; 625-627 Haight St; owner, J Winters, 1356 Haight St; contractor, W C Savage, 2358 Fillmore St.

SIGN, electric, $1985; 609 Market St; owner, Mr Rushing, prem; contractor, Brumfield Elec Sign Co, 965 Folsom St.

ALTER store, $1000; 1150 Sutter St; owner and contractor, J A Mazeres, 128 Third St.

ALTER store and flat, $1000; 678 Chenery; owner, Christina Shaub, 601 Bosworth; contractor, Walte Mfg Co, Belmont.

ALTER dwelling, $1000; 1719 26th Ave; owner, Ralph Hodshire, 1719 26th Ave; contractor, J E Whelen, 1935 Pacheco St.

SIGN, electric, $925; 2200 Irving St; owner, Kromstock, prem; contractor, Brumfield Elec Sign Co, 965 Folsom St.

SIGN, electric, $900; 61 Maiden Lane owner, Sutton, prem; contractor, Brumfield Elec Sign Co, 965 Folsom St.

OFFICE bldg, 1-story Class C, $850; N Geary 137.6 W Jones; owner, Tom Owens Motor Sales, 3151 Sacramento St; contractor, R A Helgesson, 20 Upper Terrace.

BUILDING PERMITS Granted

SAN FRANCISCO

MARCH 18, 1946

RESIDENCE, 1-story, $6750; E 30th Ave 125 S Ulloa; owner, J B Shark contractor, Boyd C Lindsay, 1176 Alemany Blvd.

DWELLINGS, four 1-story fr, $6000 each; E San Miguel 100, 125, 150, 175 W Congdon; owner and contractor, Boyd C Lindsay, 1176 Alemany Blvd.

INSTALL kitchen, build mezzanine and office and paint for use as a cafeteria, $7000; owner, L Noque; contractor, DeLuca & Son, 1745 Filbert St.

FLATS (2) and restaurant, 3-story, frame, $10,900; S Taraval 107.6 W 33rd Avenue; owner, Mr and Mrs Drury; plans by J F Brown, 2475 16th Avenue; contractor, McKeon Constr Co, 948 Taraval St.

INSTALL mezzanine floor width of store, $1000; 590 Market St; owner, Mr Kaufmann; contractor, Adam Arras & Son, 116 New Montgomery.

REMOVE existing front and install new front and new hung ceiling inside of store, $5000; 255 Grant Ave; owner, Grace Clairborne; contractor, Oscar Presco & Sons.

NEW Entrance, partitions, lockers, shelving and work benches for dental laboratory, $2700; 202 Hemlock St; owner, Calif Dental Laboratory; contractor, A J Bohr, 1465 Washington St.

DWELLING, 1-story frame, $5500; E Victoria 225 N Randolph St; owner and builder, B C Hoecker, 371 Prague St.

DWELLING, 1-story frame, $5500; E Head 100 N Randolph; owner, Sterling Bldg Co, 235 Arch Street; contractor, same.

CONSTRUCT shaft for home lift in residence, $2300; 2633 Green St; owner, Leonard Wood; contractor, Dwan & Co.

REPAIR floors, install counter and partitions of restaurant, $800; 1606 Post St; owner, Annie Abenojar; contractor, Rex Cabinet Shop, 1315 Minna St.

ALTER front, repair floor and install plate glass to barber shop, $500; 750 Sutter St; owner, Canterbury oHtel; contractor, John Casty & Son, 30 Alviso St.

CONSTRUCT false ceiling, partitions and straighten floor of store, $500; 134 Market St; owner, S Sharp.

ALAMEDA

ADDITION, $750; 1544 Gibbons Dr; owner and builder, H Beier, 1544 Gibbons Dr.

ALTER, $650; 2019 Lincoln Avenue; owner and contractor, Myron Lee, 1221 Grand St.

DUPLEX, 2-story 10-room, $11,000; 1007-9 Pacific Ave; owner and builder, A H and L C Rahlves, 1630 Webster St, Oakland.

DUPLEX, 2-story 10-room, $11,000; 1008-10 Buena Vista Ave; owner and builder, A H and L C Rahlves, 1630 Webster St, Oakland.

ALTER and addn, $1000; 2304 Pacific Ave; owner and contractor, Dr N Pugatch, 3124 Curan Avenue, Oakland.

GARAGE, $500; 1007-9 Pacific Ave; owner and builder, A H and L C Rahlves, 1630 Webster St, Oakland.

GARAGE, $500; 1008-10 Buena Vista; owner and builder, A H and L C Rahlves, 1630 Webster St, Oakland.

ALTER, $3275; 3001 Madison Street; owner, W J Bradley, prem; contractor, Pioneer Builders, 516 San Pablo Ave, Albany.

ALTER, $800; 810 Pacific Ave; owner, Mr Massengill, premises; contractor, Ben F Kopf, 845 Pacific.

ADDITION, $600; 3234 Fernside Blvd owner and builder, V E Taylor, premises.

ALTER, $500; 1527 Park St; owner, A W Cornelius; contractor, Samuel Lee, 3006 Thompson Ave.

WAREHOUSE and office, $50,000; 1916 Webster St; owner, Rosefield Packing Co, premises; contractor, Stolte, Inc, 8451 San Antonio Ave, Oakland; architect, Thos B Mulvin, 110 Sutter St, San Francisco.

RETAIL cleaning store and residence, $18,500; 1222 Park St; owner, Bernard Bernardi, 1809 14th Ave; contractor, A Russello, 1809 14th Ave; architect, F W Dakin, 625 Market St, San Francisco.

WAREHOUSE, $9500; 1723 Clement; owner, John Granthem and E O Agnew, 1907 Park St; contractor, John C Granthem; plans by H M O'Nell.

OAKLAND

ALTER AND REPAIR, $900; 1048 7th St; owner, Gilbert Foo, prem; builder, California Construction Co, 3380 Adeline St, Berkeley.

GARAGE, $500; 3312 Wilson Ave; owner and builder, James T Bassett, 3312 Wilson Ave.

REPAIRS, $800; 1422 47th Ave; owner, H W Burke, Hayward; builder, H Rodde, Route 1, Box 174C, Walnut Creek.

GARAGE, $600; 9865-67 Plymouth St; owner and builder, Ryal Huffman, 9867 Plymouth St.

ALTERATIONS, $900; 1530 MacArthur Blvd; owner, Pete Fragrey, prem; builder, John G Carlson, 1488 Excelsior Ave.

ADDITION, $500; 5581 La Puerta; owner, C L Smith, 5581 La Puerta; builder, C E Chasmar, 3824 Suter St.

ADDITION, $925; 9241 Thermal Ave; owner, L Patrick, prem; builder, R A Sparaco, 9826 Birch St.

REPAIRS, $500; 9537 Sunnyside St; owner, Charles Bumminster, prem; builder, John Bowen, 1437 18th St.

DWELLING (1-story 5-room), $7000; 38 Chatsworth Ct; owner and builder, J F Patterson, 7938 Hillmont Dr.

DWELLING (1-story 5-room), $7000; 6553 Castle Dr; owner and builder, J F Patterson, 7938 Hillmont Dr.

ALTERATIONS, $1000; 1406-08-10 Franklin St; owner, Alameda Title Insurance Co, prem; builder, Swanstrom & Stohl, 2034 Hoover Ave.

ADDITIONS, $45,000; 3650 Broadway and 289 MacArthur; owner, Andrew Williams Stores, Inc, 3660 Broadway; builder, Elmer J Freethy, 1432 Kearney St, El Cerrito; architects, D D Stone and L B Mulloy, 381 Bush St, San Francisco.

DWELLING (1-story 5-room), $8000; 3817 Enos Ave; owner and builder, Ernest A F Carlson, 2515 61st Ave.

CONCRETE SHOP BUILDING (1-story), $7648; 10453 San Leandro St; owner and builder, R B McCulloch, 967 106th Ave; plans by Edward K Hussey, 612 Mariposa Ave.

ADDITION, $750; 6237 Avenal Ave; owner, J A Berndt, 6237 Avenal Ave; builder, Oliver & Coburn, 1006 Pardee St, Berkeley.

ADDITION, $900; 5812 Buena Vista Ave; owner, James Agee, premises; builder, C P Pond, 1056 Ardmore Ave.

GARAGE, $500; 7627-31 Spencer St; owner and builder, Wesley J Hennis, 7627 Spencer St.

ADD AND ALTER, $600; 561 Capell St; owner, A Catucci, 561 Capell St; builder, A G Macchitelli, 531 53rd St.

DWELLING (1-story 7-room), $9000; 1858 Melvin Rd; owner and builder, Kermit L Lincoln, 1308 105th Ave.

DWELLING (1-story 5-room), $6000; 2465 Wilbur St; owner, J Barale, 1360 Berkeley Way, Berkeley; builder, Chas Ungaretti & Son, 1727 Foothill Blvd.

DWELLING (1-story 5-room), $4500; 314 Bergedo Dr; owners, E W McGah and J P O'Shea, 4939 Broadway; builder, Ray Towers, 2508 Benvenue Ave, Berkeley.

DWELLING (2-story 6-room), $8000; 5769 Chelton Dr; owner and builder, Kermit L Lincoln, 1308 105th Ave.

REPAIRS, $800; 1421 18th Ave; owner, Rose Fernandez, 1417 18th Ave; builder, Martin R Kilgore, 328 San Pablo Ave, El Cerrito.

DWELLING (2-story 8-room), $11,-500; 2853 Alida St; owner and builder, A R Lapham & Son, 4144 Coolidge Ave.

ALTERATIONS, $777; 841 42nd St; owner, Joe Jackson, prem; builder, W R Crowe, 1845 23rd St, Richmond.

DUPLEX (1-story 10-room), $8000; 8428-36 Dowling St; owner, California Realty Co, 1867 Washington Ave, San Leandro; builder, Geo O Smith, 2933 School St.

PALO ALTO

RESIDENCE AND GARAGE, $8250; 340 Stanford Ave; owners, C and S Bernard, 646 Harvard St.

RESIDENCE AND GARAGE, $8400; 736 Garland Dr; owner, Coastwise Construction Co, 2499 Middlefield Rd; builder, E Cornblum, 2106 33rd Ave, San Francisco; architect, W E Huson, 475 24th Ave, San Francisco.

RESIDENCE AND GARAGE, $7100; 870 Oregon Ave; owners, A L and K McManus, Cowper Court; builders, N Rose and A Gibson, Menlo Park.

ADD TO BUILDING, $1000; 390 Cambridge Ave; owners, G S and K B Taylor, 1000 Cowper St.

2-STORY ANNEX TO BUILDING, $5000; 379 University Ave; owner, L H Brown; builder, Daley Bros, 426 Bryant St, San Francisco; plans by G W Cotterill, 426 Bryant St, San Francisco.

RESIDENCE AND GARAGE, with dental office attached, $11,350; 580 Yale St, 610 College Ave; owner, L Rotherberg, Menlo Park; architect, R C Younger, San Carlos, Route 2, Box 2241, Redwood City.

DALY CITY

5-ROOM FRAME HOMES (5), $3250 each; 144, 148, 152, 156, 160 Bruno St; owner and builder, Huber Construction Co, 5998 Mission St; plans by D K Dobkowitz, 425 Monterey Blvd, San Francisco.

SAN JOSE

INDUSTRIAL BUILDING, $10,000; 1295 Campbell Ave; owner, Pratt-Low Preserving Co; builder, Pasetta Construction Co, 2390 Park Ave, Santa Clara.

RESIDENCE, $9000; 1709 Topeka Ave; owner and builder, O Dodd, 1365 Fremont Ave, San Jose.

RESIDENCE (3-room), $2500; 955 Prevost St; owner and builder, Leo J Pope.

RESIDENCE, $7500; 290 Mission St; owner, Peter J Colla; builder, H J Wiens, 682 N 15th St, San Jose.

RETAIL STORE, $19,000; S 2nd St; owner, Firestone; builder, MacDonald, Young & Nelson, 127 Montgomery St, San Francisco.

RESIDENCE (2-family), $8000; 996-998 N 3rd St; owner, A A McLean; builder, Gilpatrick & Standish, P O Box 741, Campbell.

RESIDENCE, $8000; 1031 Ellis Ave; owner, Manuel Sparza; builder, N Petersen, 255 N 11th St, San Jose.

RESIDENCE (4-room), $3800; 944 Prevost St; owner, Angelo Alioto; builder, Floyd McNab, 48 Lester Ave, San Jose.

RESIDENCE, $8500; 790 Vine; owner, J Conetto; builder, V R Caminetti, 975 Vine St, San Jose.

RESIDENCE, $8500; 649 N 5th St; owner, Tisuji Kifune; builder, V Rotondo, 716 N 5th St, San Jose.

ALTER BUILDING, $70,000; 50 E Santa Clara; owner, Moderne Drug Co; builder, E Nommensen, 315 S 17th St, San Jose.

SERVICE STATION, $8000; 1769 Park Ave; owner and builder, Standard Oil Co of California.

INDUSTRIAL BUILDING, $100,000; 1185 Campbell Ave; owner, Joseph Kiser Co; builder, Earl W Heple, 494 Delmas Ave, San Jose.

ADD TO BUILDING, $10,900; 148 W Julian; owner, Geo M Hazen Co; builder, Earl W Heple.

BUSINESS BUILDING, $12,000; 793 The Alameda; owner, O L Webster; builder, Earl W Heple.

BUSINESS BUILDING, $60,000; 802 S 1st St; owner, Tire Service Co; builder, Earl W Heple.

RESIDENCE, $11,000; 1652 Topeka Ave; owner, Roy P Emerson; builder, V F Van Dalsem, 350 Addison St, Palo Alto.

RESIDENCE, $9200; 1274 Glenwood Ave; owner and builder, Noble Hancock.

RESIDENCE, $7500; 880 Villa Ave; owner and builder, J C Francis.

DUPLEX, $9000; 724-726 Harrison; owners, Mr Hupfer and Mr Scott; builder, John H Thielmann.

ALTER FURNITURE STORE, $21,-000; 369 S 1st St; owner, Goldeen Furniture Co; builder, O E Anderson.

RESIDENCE, $8000; 1249 Malone Rd; owner and builder, F L Forsyth, 1181 Pine Ave, San Jose.

RESIDENCE, $7000; 1241 Malon Rd; owner and builder, F L Forsyth.

FRESNO

GARAGE, $76,000; 2341 Stanislaus; owner, Sloss & Glickbarg; contractor, Trewhitt, Shields and Fisher, Pacific Southwest Bldg.

STORES, $55,000; 725-729-33-37-41-47 Olive St; owner, M & R Co; contractor, L H Hansen & Son.

BOTTLING plant, $40,000; 337 Palm; owner, Ideal Kist Bottling Company; contractor, L H Hansen & Sons.

STORES, $30,000; 302-310 Belmont; 464-468-472-476 Palm; owner, Peter Pappas; contractor, L H Hansen & Son.

DWELLING and garage, $10,000; 5052 Platt; owner, D F Scully.

DWELLINGS and garages, $6,000 each; 2314-24-34-44, 2404-14-24 Weldon; owner, Nelson, Rogers and Rumsey.

FUR storage, $5000; 1521 Fulton; owner, Normart's Furs; contractor, L H Hansen & Son.

DWELLING, $3500; 2204 S "G" St; owner, Howells & Vall.

DWELLING, $3000; 2255 Lee; owner, Robinson Wilson.

ALTER dwelling, $800; 4763 Illinois; owner, Clarence Sharp.

RICHMOND

COTTAGE, 6-room stucco, $3500; 1320 Merced; owner, F E Hayes, 400 Central Ave, El Cerrito; contractor, J R Armstrong, 400 Central Ave, El Cerrito.

WAREHOUSE for paint and glass storage, $7500; 535 A St; owner, E Mayfield, 342 11th St; contractor, R F Johnson, 2036 San Pablo Ave, El Cerrito.

COTTAGE, 5-roo mrustic, $6000; 1621 Mendocino; owner and builder, H P Newman, 1708 Shattuck Avenue, Berkeley.

COTTAGE, 4½-room rustic, $5,000; 551 30th St; owner and builder, N W Anderson, 2814 Barrett.

GARAGE and office, masonry, $3,-000; 145 23rd St; owner, Clarence E Smith, 764 Wilson; contractor, Oscar Holland, 3030 Clinton Ave.

MFG and office bldg, masonry, $60,-000; 1141 S 14th St; owner, National Oil Prod Co, prem; contractor, W K Owen, 5755 Landgren Ave, Emeryville.

STORE bldg, brick, $10,000; 451 San Pablo; owner, Avenue Realty Co, 632 San Pablo Ave; contractor, Bartlett & Hosking, 541 Civic Center.

REMODEL 2nd story to form offices, $11,000; 1200 Macdonald Ave; owner, Walter Wolffs, 618 30th Street; contractor, Bartlett & Hosking, 541 Civic Center.

STORE bldg, masonry, $16,000; San Pablo and Barrett; owner, A Weston, c/o cntr; contractor, Bartlett & Hosking, 541 Civic Center.

COTTAGE, 5-room and garage, $6,-500; 2435 Maracopa; owner and builder, Stroski & Zipperian, 3231 McBryde Ave.

ADD 2nd story to store, $6000; 512-516-20-22 23rd St; owner, Timmons & Berk, 316 15th St; contractor, C Overaa & Co, 2105 Roosevelt.

MFG plant, $13,000; 238 S 24th St; owner and builder, A C Allen, Jr, 6 Estaro Ave, San Francisco.

COTTAGE, 5-room stucco and garage, $10,000; 1830 Chanslor; owner, H G Pitts, 1830 Chanslor; contractor, J P Tornick, 4510 Barrett.

SHOP bldg, masonry, $2800; 1143 San Pablo Ave; owner, A Cortese, Rollingwood, Calif; contractor, T G Anthony, 258 S 45th St; plans by M I Strong.

SACRAMENTO

COURT, $50,000; 4406 Stockton Blvd; owner, C McGowan; contractor, J F Butts.

HOSPITAL, animol, $20,000; 6001 Eastern Ave; owner, D H N Suchor; contractor, Betz.

FOUR UNITS, $18,000; 526 W St; owner, W L Nordeste.

DWELLING, $13,000; 299 40th St; owner, Peter Paulos; contractor, Parsons.

REPAIR SHOP, $7500; 17th and S Sts; owner, E H Vanderhoofer.

STORE, $6000; 2609 16th St; owner, R Manzano; contractor, Messier Company.

DWELLING, $5500; 5412 V St; owner Carl Hecker.

DWELLINGS, $5500 each;, 4923-4931-5009 P St; owner, J Fernandez.

DWELLINGS, $5000; 3200-08-32 58th St, 5755 8th Ave; owner, J M Walker; contractor, W Donart .

DWELLINGS, $5000 each; 3737-63-51 Lissette Way; owner, J Borden.

REPAIRS, $4000; 2521 P St; owner, McCarthy; contractor, C Vanina.

SOUTH SAN FRANCISCO

BLDG, concrete, 50x72-feet, $22,000; 225 El Camino Real; owner, L Johnson; contractor, A E Magnuson, 129 Hopkins St, Redwood City; plans by Edward Stafford.

DWELLING, 4-room, $3500; 2nd St; owner and builder, H I Bradsky, 108 2nd St

FRESNO

STORE, $35,000; 3129-33-37-41 Palm; owner, J M Cobb & Sons; builder, Taylor & Wheeler.

ALTER BUILDING, $25,000; 702 P St; owner, Swift & Co; builder, Hansen & Sons.

DWELLING AND GARAGE, $7000; 2145 Clinton; owner, Frank Roberson.

STORAGE BUILDING, $1500; 1618 B St; owner, Vito Brugetti.

DWELLING, $1200; 3215 Nevada; owner, S Main.

ALTER GARAGE, $1000; 2319 Washington; owner, P G Pugh.

ALTER CHURCH, $600; 235 N 1st St; owner, Calvary Tabernacle.

GARAGE, $500; 251 F St; owner, John P Karle.

SACRAMENTO

REMODEL dwelling into two apts, $1500; 1109 Q St; owner and contractor, L Oswald.

REPAIR fire damage to dwelling, $2500; 3714 38th St; owner and contractor, Mary L Virga,, 2567 Harkness Way.

MOVE dwelling to rear of lot, $3,-500; 5101 Folsom Blvd; owner, P J Bellumini; contractor, Joseph A Pesce & Son, 5746 J St.

REMODELL dwelling interior, $1,-000; 2929 28th St; owner, A Smith; contractor, Wm B Ladue, 2319 O Street.

DWELLING, 5-room stucco, frame, $7500; 2700 59th St; owner, George Cook; contractor, Paul Prom.

REMODEL retail store, $3000; 1102 J St; owner and contractor, Bell Clothiers, premises.

RESTAURANT and store building, frame and masonry, composition roof, $10,000; 4824 Folsom Blvd; owner and builder, Robt and Mildred Buel, 3440 C St.

WAREHOUSE, frame and corrugated iron, 60x100-ft., cement floor, $11,000; owner, Oliver Goldblatt; contractor, Lawrence Constr Co, 3020 V St.

BUILDING CONTRACTS

SAN FRANCISCO

CARPENTER, GRADING, etc, work NE NORIEGA ST and 25th Avenue
Owner—Patrick T and Bea Herlihy.
Architect—Not Given.
Contractor—Ed Zinkand & Son.
Filed and Dated, ...
Payments not given.
TOTAL COST, $51,216
Specifications filed March 12, 1946.

SAN MATEO COUNTY

STORE bldg, 1-story frame, stucco W BROADWAY bet Hillcrest Blvd and Taylor Ave, Millbrae
Owner—Louisa Tomson, et al.
Architect—Not Given.
Contractor—Thos J Broderick, 1528 Cypress Ave, Burlingame.
Filed, Mar 13, '46. Dated, Mar 11. '46
Foundations $2172.00
Form trusses 2172.00
Brown coated 2172.00
Usual 35 days........ 2172.00
TOTAL COST, $10,860.00
Plans and specifications filed

SCHOOL buildings, 1-story, LAUREL SCHOOL
Owner—San Mateo Elementary Sch District.
Architect—Ernest J Kump Co, 251 Kearny St, San Francisco.
Contractor—C F Parker, 1644 Monterey Blvd, San Francisco.
Filed, Mar 14, '46. Dated Feb 28, '45.
Upon completion 90%
Usual 35 days........10%
TOTAL COST, $113,324.00
Bond: $113,324 performance; $56.-662 labor; sureties, Associated Indemnity Corp; forfeit, $25 per day; limit, 120 calendar days; plans and specifications filed.

Completion Notices

ALAMEDA COUNTY

Recorded Accepted

Mar. 18, 1946—1720 170th Ave. Lorne Merritt to whom it may concern ....Feb. 19, 1946

Mar. 19, 1946—Park St 166.97 ft S Estudillo Ave, San Leandro, Calif. Irene S and Richard G Churchill to R W Delguidice........Mar. 13, 1946

SAN MATEO COUNTY

Recorded Accepted

Mar 16, 1946—PTN LOT 9 Blk 2, New High School Acres. Emil G Battermeier to Ural D Dickerson........March 16. 1946

Mar 16, 1946—LOTS 26 and 27 Blk 15, Central Park, Redwod City. Francis B Dawson to Self........March 11, 1946

Mar 16, 1946—LOTS 11 to 17 incl Blk 1, Beresford. James H Arthur to Geo Arthur & Sons........March 12, 1946

March 16, 1946—LOT 15 Blk 30, White Oaks. Byron H Blech, etc to Frank A Poirier......Mar 14, 1946

Mar 11, 1946—311, 343 McEVOY ST Redwood City. H V Cowan to whom it may concern....Mar 9, 1946

March 11, 1946—2008 RAY Drive, Burlingame. Thurston D and Frances W Knowles to Peninsula Home Builders........March 8, 1946

March 11, 1946—3016 BEVERLY St San Mateo. Robert F and Grace L Lewis to Peninsula Home Bldrs........March 11. 1946

Mar 11, 1946—LOT 5 Blk 11, Western Addn. San Mateo. Rae and Eva Freeborn to whom it may concern........March 11. 1946

March 11, 1946—1200 BELMONT Ave. Roy J Miller and Arthur E Haslam to Ellingson & Mitchell........March 8. 1946

MARIN COUNTY

Recorded Accepted

Mar 18, 1946—HAWTHORNE Hills San Anselmo. Columbus L Pierce to Jos R Filippo......March 11, 1946

Mar 15, 1946—SAN RARAEL. Maynard and Blanche Redmond to Cogo & Lundgren......March 15, 1946

CONTRA COSTA COUNTY

Recorded Accepted

Mar 14, 1946—N 50 ft LOT 5 Blk 13, Blvd Gardens, El Cerrito. Minnie Lou Eakin to whom it may concern........March 12, 1946

Mar 15, 1946—LOTS 1 and 2, Bartneck Sudbiv, Concord. George Zuckerman to Self....March 11, 1946

Mar 15, 1946—LOT 23, Belvedere Rancho, near Concord. George Zuckerman to Self....March 13, 1946

Liens Filed

ALAMEDA COUNTY

Recorded Amount

Mar. 19, 1946—2119 West St, Berkeley, Calif. Chas G Doty vs Rose Mason $833.42

Mar. 19, 1946—2119 West St, Berkeley, Calif. Chas G Doty vs Rose Mason $711.85

CONTRA COSTA COUNTY

Recorded Amount

Mar 16, 1946—LOT 290, Haciendas Del Orinda, Unit No 2, Orinda. J Henry Harris vs Aug J Pene, et al $500.00

Non-Responsibility

SAN FRANCISCO

March 18, 1946—1257 MARKET ST. Capital Co as to improvements on property.

ALAMEDA COUNTY

Mar. 18, 1946—Lots 5 and 6, Block S, map survey of Northern Extension, Oakland. Philip Scheibner to Galliano Manufacturing, lessee.

Plumbing Permits

OAKLAND

701 Fallon St; owner, Artinjan; dealer, H Sogn; 4 fixtures.

3724 38th Ave; owner, Wiesman; dealer, H Sheridan; 1 fixture.

3757 35th Ave; owner, Nylund; dealer, E Maloney; 3 fixtures.

3723 Fruitvale Ave; owner, Flegal; dealer, E Maloney; 1 fixture.

Fruitvale Ave and E 27th St; owner, Ungaretti; dealer, M Finzel; 29 water outlets.

2410 Kingsland; owner, Lehman; dealer, Cleaners' Exchange; 1 gas outlet.

6125 Ruthland; owner, ...; dealer, J R Pierce; 1 fixture.

2325 E 15th St; owner, ...; dealer, O Henson; 1 fixture.

720 Beatie St; owner, Taylor; dealer, W MacMillan; 3 fixtures.

1030 8th St; owner, Spinoto; dealer, J A Freitas; 1 fixture.

3912 Forest Hill Rd; owner, Weidemier; dealer, Wm Christy; 3 fixtures.

6156 Monadnock Way; owner, Hutchings; dealer, F Nearhood; 8 fixtures; 3 gas outlets.

5581 La Puerta; owner, Smith; dealer, A MacDougal; 3 fixtures.

3353 Partridge; owner, Brown; dealer, C W Roland; 2 fixtures.

5520 Foothill Blvd; owner, Butler; dealer, C W Roland; 1 fixture.

8907 Thermal; owner, Silva; dealer, C W Roland; 3 fixtures.

6123 La Salle; owner, Leekins; dealer, J B Morse; 8 fixtures; 3 gas outlets.

3770 Harrison St; owner, R Towers; dealer, J B Morse; 5 fixtures.

3772 Harrison St; owner, Towers; 5 fixtures; 3 gas outlets.

3774 Harrison St; owner, Towers; dealer, J B Morse; 5 fixtures; 3 gas outlets.

3776 Harrison St; owner, Towers; dealer, J B Morse; 4 fixtures; 3 gas outlets.

6109 Monadnock; owner, Dowling; dealer, C Smith; 5 fixtures.

3241 Logan; owner, Swanholt; dealer, P Bruno; 4 fixtures; 7 gas outlets.

2154 Rosedale; owner, Rowland; dealer, O Hanson; 2 fixtures.

OAKLAND

4th and Clay Sts; owner, Hanson Coffee Co; dealer, W Rohde; 1 fixture

3033 55th Ave; owner, L Goenshaw; dealer, L Goenshaw; 12 water outlets.

1715 Broadway; owner, ...; dealer, M Finzel; 1 gas outlet.

701 Fallon St; owner, ...; dealer, H Sogn; 1 fixture.

2917 Nicol Ave; owner, M Wiley; dealer, E Maloney; 3 fixtures.

1400 Lakeshore Ave; owner, Andrewson; dealer, H Salisburg; 3 fixtures.

593 98th Ave; owner, Maxie; dealer, H Shendan; 5 fixtures; 3 gas outlets.

808 Adeline St; owner, Wilson; dealer, H Shendon; 1 fixture.

3699 Delmont; owner, A Auer; dealer, Finzel; 6 fixtures; 3 gas outlets.

2825 Coolidge Ave; owner, G Shurson; dealer, Durant; 5 fixtures; 1 gas outlet.

600 Fallon St; owner, Industrial Steel Co; dealer, Durant; 3 fixtures.

SW cor 52nd and San Pablo; owner, Lipman; dealer, Tancredy; 6 fixtures.

681 33rd St; owner, Kimbal; dealer, J Smith; 4 fixtures.

251 Monte Vista; owner, M Cornwall; dealer, J Smith; 2 fixtures.

708 Adeline St; owner, Wm Temple; dealer, J Smith; 1 fixture.

1623 69th Ave; owner, ...; dealer, Wm Souza; 1 fixture.

1426 Wood St; owner, H Lewis; dealer, G Murray; 5 fixtures.

96 Hamilton Pl; owner, K Riger; dealer, G Murray; 2 fixtures.

861 55th St; owner, J Eadie; dealer, G Murray; 1 fixture.

530 16th St; owner, Waskerkoff; dealer, W Rohde; 8 fixtures.

1915 Broadway; owner, Kuskin's Shoe Store; dealer, W Picard; 2 fixtures.

9431 E 14th St; owner, Elmhurst Club; dealer, A Pines; 3 fixtures.

1615 46th Ave; owner, East Bay Modernizing Co; dealer, H Jenson; 8 fixtures.

Electrical Permits

SAN FRANCISCO

9955 4671 Mission Street; owner, Granada Theatre; contractor, Arc Elec Co; signs.

9956 3444 San Bruno Ave; owner, Fernandez; contractor, Arc Electric Co; ....

9957 331 Hawes St; owner, Gustafson; contractor, Arc Elec; ....

9958-61 400-06-10-14 Head Street; owner, Sterling Bldg Co; contractor, Arc Elec Co; 12 outlets; 10 switches; 8 plugs.

9962-5 Various locations and owners; contractor, Wonderlite Neon Products Co; signs.

9966 740 La Playa; owner and contractor, Whitney Bros; 13 outlets; 4 switches; 4 plugs.

9967 1025 Fillmore; owner, Fong; contractor, Chas Yick; 3 outlets; 2 switches; 2 plugs.

9968 22 7th St; owner, Retter Elec; alterations.

9969 667 Ash St; owner, Sala; contractor, Retter Elec Co; 20 outlets; 20 switches; 16 plugs; service.

9970 338 3rd St; owner, Montina Club; contractor, John Philis; ....

9971 301 Balboa; owner, B Arementones; contractor, John Philis; 4 plugs; motors.

9972 S Summer St 100 E Kearny; owner, ...; contractor, Casey Elec; 2 outlets.

9973 1674 Geary; owner, Delaney; contractor, Casey Elec; signs.

9974 NW Cor 35th Ave and Santiago; owner, Gavazza; contractor, Edison Elec Constr Co; 11 outlets; 12 switches; 12 plugs.

9975 89 Colonial Way; owner, Rudisell; contractor, Edison Elec Const Co; 12 outlets; 16 switches; 16 pl.

9976 1824 Ingalls; owner, Murer; contractor, Edison Elec Constr Co; 15 outlets; 14 switches; 11 plugs; service.

9977 1200 Taylor; owner, Mrs Ray contractor, Malm & Welter; 8 plugs.

9978 400 Clement; owner, Miller; contractor, Malm & Welter; alter.

9979 1860 O'Farrell St; owner, W S Dozier; contractor, Quality Elec Co; service.

9980 697 Mission Street; owner, Louie's Barber Shop; contractor, Ace Elec Constr Co; 1 outlet; 1 switch; 3 plugs.

9981 800 Haight St; owner, Wm Shaeffer; contractor, Ace Electric Co; ....

9982 739 Post St; owner, Class A Garage; contractor, Atlas Electric & Eng Co; ....

9983 1375 Golden Gate Ave; owner, Premo-Corral; contractor, Atlas Electric; 4 outlets.

9984 1262 Post St; owner, Wall Crest Co; contractor, Atlas Electric; 1 sign.

9985 719 Mission St; owner, Saltzman Bros; contractor, Atlas Electric; sign.

9986 965 Folsom St; owner, Brumfield Sign Co; contractor, Atlas Electric; ....

9987 3040 Geary Blvd; owner, Mills Construction Co; contractor, Century Electric; ....

9988 289 Turk St; owner, Mills Construction Co; contractor, Century Electric; ....

9989 428 Powell; owner, Martinelli; contractor, Century Electric; alterations.

9990 340 Post St; owner, Bullock & Jones; contractor, Chas A Langlais; ....

9991 Valencia and 17th Sts; owner, J A Herzog; contractor, Pacific Electric & Mech Co; 4 outlets; motors

9992 755 Market; owner, M Goldman; contractor, Associated Electric; alterations.

9993 815 Battery; owner, National Biscuit Co; contractor, Associated Electric 7 outlets; 3 switches.

9994-97 Various locations and owners; contractor, Q R S Neon Co; signs.

9998 3505 Jackson; owner, Mrs Long; contractor, G Vaccarino; 6 outlets; 2 switches; 22 plugs; alterations.

9999 1626 Stockton; owner, San Francisco Athletic Club; contractor, G Vaccarino; 8 plugs.

10000 501 Howard; owner, American Fixture Co; contractor, B Baker & Co; 5 outlets; 2 switches.

10001 1151 Market; owner, Laff Co; contractor, W B Baker; motors.

10002 120 Vale St; owner, Geo Knabenshuh; contractor, W B Baker; 5 outlets; 6 switches; 3 plugs.

10003 1982 29th Ave; owner, Marvel Builders; contractor, B J Doherty; 10 outlets; 10 switches; 13 plugs service.

10004 2419 43rd Ave; owner, Ambron; contractor, B J Doherty; service.

10005 1 Parker Ave; owner, Noremont; contractor, B J Doherty; ....

10006 1227 Sutter; owner, Apostolic Faith Church; contractor, Liberty Electric; ....

10007 4289 Mission; owner, Segalli; contractor, Pacific Electric; service; motors.

10008 82 Ellis St; owner, Wright's Billiard Parlor; contractor, Pacific Electric; 4 outlets.

10009 1201 Bryant St; owner, G E Supply Co; contractor, Galvin Bros; 30 outlets.

10010 581 Market St; owner, Palace Hardware; contractor, Galvin Bros; 4 outlets; 4 plugs.

10011 600 Market; owner, Jacks & Irvine; contractor, Galvin Bros; 7 outlets.

10012 W Tennessee 200 S 20th St; owner, ...; contractor, Buzzell Electric Works; service.

10013 351 Turk St; owner, YMCA Hotel; contractor, Buzzell Electric; 3 outlets; 1 switch.

10014 Minnesota and Islais Creek; owner, Mar-Veg Processing; contractor, Crown Electric; service; motors.

10015 447 Frederick; owner, Kuzman; contractor, Crown Electric; 10 outlets; 3 switches; service.

10016 552 Brannan; owner, Fink & Schindler Co; contractor, W H Kirsten; 3 outlets; motors.

10017 1886 36th Ave; owner, ...; contractor, Associated Electric; 13 outlets; 15 switches; 12 plugs.

10018 185 Jessie St; owner, Pressman Cigar; contractor, V Lemoge; 1 plug.

10019 1463-65 20th Ave; owner, Doelger; contractor, Richmond Electric; 16 outlets; 16 switches; 16 plugs; service.

10020-21 1393-95, 1385-87 24th Ave; owner, Doelger; contractor, Richmond Electric; 16 outlets; 16 switches 16 plugs; service.

10022 1355-57 25th Ave; owner, Doelger; contractor, Richmond Electric; 16 outlets; 16 switches; 16 plugs; service.

10023-27 2127-29, 2133-35, 2139-41, 2622-24, 2616-18 Judah St; owner, Doelger; contractor, Richmond Electric Co; 16 outlets; 16 switches; 16 plugs; service.

10030-32 2834-36, 3533-35, 3539-41 Judah St; owner, Doelger; contractor, Richmond Elec; 16 outlets; 16 switches; 16 plugs; service.

10033 1322-24 34th Avenue; owner, Doelger; contractor, Richmond Elec Co; 16 outlets; 16 switches; 16 plugs; service.

10034 1331-33 35th Avenue; owner, Doelger; contractor, Richmond Elec Co; 16 outlets; 16 switches; 16 plugs; service.

10035 to 37 Various locations and owners; contractor, Brumfield Elec Co; signs.

OAKLAND

36217 1215 Castro St; owner, Oakland Steam Laundry; contractor, Spott Electrical; motors.

36218 2633 Telegraph; owner, Sears Roebuck; contractor, Spott Electrical Co; outlets; switches; fixtures; plugs and alterations.

36219 1081 76th Ave; owner, Whiteside & Pulliam; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

36221 1269 64th Ave; owner, Whiteside & Pulliam; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

36222 1062 81st Ave; owner, Whiteside & Pulliam; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

36223 1175 76th Ave; owner, Whiteside & Pulliam; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

36224 3123 Carlson; owner, Maynard; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

36225 7929 Mountain Blvd; owner, Pulliam; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

36226 2804-06-08-10 Park Blvd; owner, Heraty; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

36227 8362 Outlook; owner, Skovmand; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

36228 1130 62nd Ave; owner, Whiteside & Pulliam; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

36229 2808 108th Ave; owner, Bevilaqua; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

36230 1010 39th Ave; owner, Johanson; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

36231 12 Yosemite; owner, Zantz; contractor, Piedmont Electric; alterations.

36232 5425 Masonic; owner, Kurtz; contractor, Fred Schmits; new service.

36233 1301 MacArthur; woner, Elseth; contractor, Shea Electric; outlets; switches; fixtures; plugs.

36234 2566 Truman; owner, Walker; contractor, Collins Electric Co; outlets; switches; fixtures; plugs.

35235 5824 Foothill Blvd; owner, Style Shop; contractor, Collins Electric Co; fixtures; alterations.

36236 1806 38th Ave; owner, Soares; contractor, Fox Electric; outlets; fixtures; alterations.

36237 23rd Ave and E 14th St; owner, Edys Ice Cream; contractor, Western Neon Corp; sign.

36238 NW 42nd and Linden Sts; owner, J J Moore; contractor, California Electric; service.

36239 950 56th St; owner, Zoe V Dry; contractor, California Electric; alterations.

36240 668 42nd St; owner, De Alva; contractor, Paramount Electric; fixtures; alterations.

36241 955 57th St; owner, Frozen Foods; contractor, T L Rosenberg; outlets; switches; fixtures; plugs.

36242 Lancaster and Chapman; owner, Johnson Propeller Co; contractor, Ets, Hokin & Galvan; outlets.

36243 273 12th St; owner, Smith; contractor, Shea Electric; outlets; switches; fixtures; plugs; motors; alterations.

36244 34th and Telegraph; owner, Goodwin Appliance; contractor, Shea Electric; alterations.

36245 1518 E 12th St; owner, Rex Cleaners; contractor, C A Langlais Co; 4 outlets; 7 fixtures; alter.

36246 6682 E 14th St; owner, Well Made Jacket Co; contractor, C A Langlais Co; 1 fixture.

36247 NW Cor 22nd and Broadway; owner, Posuer; contractor, Scott-Buttner Elec Co; 8 plugs; alterations.

36248 8911 E 14th St; owner, Top Notch Cafe; contractor, Fluoro Elec Co; fixtures.

36249 4925 E 14th St; owner, Leo Copenhaver; contractor, Fluoro El Co; fixtures.

36250 1806 E 14th St; owner, Hanson Rug Works; contractor, Conrad Elec Co; 5-hp. motor.

36251 1212 19th St; owner, Nicol Box Co; contractor, Conrad Electric; 20-h.p. motor.

36252 2207 Market Street; owner, Lorentzen Co; contractor, Conrad El Co; outlets.

36253 488 9th St; owner, Western Refrigeration; contractor, Conrad El Co; outlets; plugs.

36254 1009 Fruitvale Ave; owner, Rains & Smith; contractor, Dimond Electric; motors.

36255 1606 70th Avenue; owner, Wheeler; contractor, A L Solari; 2 outlets; 3 switches; 2 fixtures; 2 pl.

36256 6624 Outlook; owner, John Beluel; contractor, Special Owner, 2 outlets; 2 switches; 3 fixtures; 2 plugs.

36257 576 5th St; owner, Edwards; contractor, C A Langlais Co; serv.

36258 4608 Market St; owner, J Silva; contractor, Paramount Elec Co; fixtures; alterations.

36259 2935 Telegraph; owner, Mortuary; contractor, Scott-Buttner El Co; outlets; switches; fixtures; pl; alterations.

36260 5101 Telegraph Ave; owner, Frank Cass; contractor, Paramount Elec Co; fixtures; alterations.

Classified Advertising

HELP WANTED

CONSTR. SUPTS. for Industrial and Home Bldg. projects. Permanent employment and good salary for the right man. Work located in San Jose area. Reply Box 315 c/o Daily Pacific Builder. (3/13-14-15-18-19/46)

CONSTR. SUPT. for large building contractor. Must have excellent record and references. Salary to start $750 a month. Reply Box 313 c/o Daily Pacific Builder. (3/13-14-15-18-19/46)

CHIEF ESTIMATOR and MANAGER for large bldg. contractor. Must have excellent record and references. Salary to start $900 a month. Reply Box 314 c/o Daily Pacific Bldr. (3/13-14-15-18-19/46)

DRAFTSMAN wanted. Apply to John Hudspeth, Architect, with samples of work. 427 13th St, Oakland. •

Experienced ARCHITECTURAL DRAFTSMAN. Call for an interview. F. H. Reimers, A.I.A., 79 Post St., San Francisco.

LUMBER BROKER WANTED
LUMBER for building Peninsula home. Bay Building Co., 731 El Camino Real, Redwood City. (3/14-15-18-19-20/46)

POSITION WANTED

JUNIOR ESTIMATOR, graduate Civil Engineer; Veteran; age 29; desires position with contractor. Reply Box 319, c/o Daily Pacific Builder.

EMPLOYMENT SERVICE

For further information regarding positions listed under this classification address Newton D. Cook, Manager, Engineering Societies' Personnel Service, 57 Post St., San Francisco.

DRAFTSMAN, exper. on structl. and mech. layout and details for plant maintenance. Perm. $300 mo. East Bay. S-654.

MECHL. DRAFTSMAN, exper. on production details. Perm. Sal. open. San Mateo County. S-659.

ESTIMATOR, pref. young tech. graduate with some struc. steel experience. Perm. $250-300 mo. San Francisco. S-650.

DRAFTSMAN, with general civil engrg. exper., for municipal work. Perm. $300 mo. East Bay. S-586.

DRAFTSMAN, exper. on city and county work, perm. oppor. $250-300 month to start. Monterey County. S-616.

SALES ENGR., pref. 30-40, with engineering background. to sell steam specialties. Pacific Coast. S-656.

JR. BUYER, young man with some constr. or operating exper. Perm. Salary open. San Francisco. S-658.

STRUCTL. ENGR., licensed, take charge of dept.; (B) structl. designer, steel, chief draftsman; (C) junior engineer, some struc. drafting exper. Salaries up to $500 month. East Bay. S-646.

DESIGN DRAFTSMAN, struc. or archtl. exper. on industrial work. Perm. Salary open. Northern Calif. S-660.

DRAFTSMAN, good delineator, with some knowledge of geology. Sal. $2400 year. San Francisco. S-594.

COMPUTOR, exper. on sub-division work. Salary open. San Mateo County. S-627.

ARCHTL. DESIGNER, exper. on residential and comml. work for contractor and builder. Sal. open. San Mateo County. S-661.

CONSTR. ESTIMATOR, exper. on preparation of bids for bldg. contractors. Sal. $600 mo. San Francisco. S-524.

CIVIL ENGR., grad. pref. registered for administrative position. Sal. $250-300 mo. to start. Perm oppor. East Bay. S-643.

MECHL. DESIGNER, exper. on layout and details of automatic machinery. Perm. Sal. open. East Bay. S-543.

ESTIMATOR, exper. on plumbing, steam and hot water heating. Perm. Sal. open. San Francisco. S-640.

SALES ENGR., 30-35 yrs. old, pref. woth machinery, mfg. and sales exper. Must speak Portuguese or Spanish. Salary to start $350 month while training. Loc., Brazil. S-645.

MECHL. DESIGNER, exper. on plant layout and machine design. Sal. open. San Francisco. S-617.

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Fifty-sixth Year—Vol. 56— No. 56 SAN FRANCISCO, THURSDAY, MARCH 21, 1946 PRICE 15 CENTS PER COPY

PLANS and Speculations

Terra Bella: Ferris R. Sherman of the Tulare County Housing Authority, has explained plans for erecting temporary veterans housing here, consisting of 10 to 12 apartment units and designed to relieve the housing shortage. The meeting was sponsored by the Terra Bella-Ducor Chamber of Commerce.

oOo

Chico: Improvements in eight local creeks, all tributaries of the Sacramento river, are being sought in an appropriation bill before Congress as part of a flood control project. Improvements in these waterways would cost nearly $500,000. Creeks considered are Chico, Butte and Antelope creeks, Cherokee canal. Elder, Deer, Thomes and Willow creeks.

oOo

Eureka: Because of the recent edict of the State Board of Public Health, to end dumping of untreated sewage into California waters, Eureka may be forced to construct a sewage disposal plant. A sum of $180,000 would be appropriated under the recent State appropriation bill to cover partial expense, Mayor John Ryan said.

oOo

Truckee: State engineers are making a survey of a proposed new main street preparatory to determining costs, etc. The California Highway Commission has allocated $50,000 for the job.

oOo

EXPAND COVERAGE IN SACRAMENTO COUNTY

In addition to publishing a complete list of the building permits granted in the City of Sacramento, service which started yesterday, Daily Pacific Builder is pleased to announce today that publication of building permits granted in the County of Sacramento and the City of North Sacramento have been added to our regular news features.

GROOVER AND I

THIS AND THAT

Outside the realms of politics and diplomacy, business, commerce, and agriculture, Henry A. Wallace is a very remarkable person. Among his hobbies is boomerang-throwing—a hobby requiring high courage by a man in public office.

* * *

Mr. Wallace recently referred to Mrs. Eleanor Roosevelt as the "First Lady of the World." It is encouraging to know that at last some one man speaks for the entire world. Contesting for this job started a sizeable war about seven years ago.

* * *

Mrs. Roosevelt has a well paid Federal job with UNO, which also supplies her with copy for her highly profitable newspaper column. What a break!

* * *

Mrs. Roosevelt recently applied to Moscow for permission to enter as a working reporter. It will be interesting to know if Mr. Stalin permits her to see anything beyond the stage-set, officially conducted tours.

* * *

The Big Itch: Whatever became of Harold L. Ickes, the vociferous secretary without whom the Interior Department seems to get along very well?

* * *

On the Town: When people are out making the rounds of night spots, prowling the drinkeries, etc., it is referred to as "pub-crawling".

* * *

"Pub-crawling" sounds sawdustish — why not try "BAR-STOOLING"?

Paper Shortage Is Gypsum Bottleneck, Declares Schweim

CHICAGO, Mar. 19.—The lack of sufficient quantities of gypsum board paper is the primary reason why a critical shortage of gypsum board and lath exists today, according to Henry J. Schweim, Executive Secretary of the Gypsum Association.

Schweim said that: "the gypsum industry, which is operating at a point considerably below peak capaciyt, could swing quickly into full production and turn out sufficient materials for 1,000,000 homes a year if paper could be obtained by the manufacturers of gypsum board products."

"The paper shortage is out bottle-neck," he said. "Some paper manufacturers do not find it profitable to manufacture gypsum board paper and we, therefore, are unable to secure enough paper to satisfy the needs of our industry."

Schweim stressed that there is no shortage of gypsum or of facilities and that manpower for manufacturing gypsum products is adequate.

"Gypsum plaster, which includes about 95 per cent of our building plaster, is plentiful," he said, "and so are other gypsum products that do not require liner paper.

#

Approve Valve Simplified Practice

A proposed Simplified Practice Recommendation covering automatic regulating valves, widely used in industry, which was submitted to producers, distributors and users last November by the National Bureau of Standards, has been approved for promulgation effective on new business from Apr. 1, according to the Department of Commerce.

Automatic regulating valves are used in industry for controlling temperature, pressure, level or rate of flow of fluids. The purpose of the recommendation — R219-46, Automatic Regulating Valves—is to establish as a useful standard of practice in the industry a simplified list of pressure ratings and sizes of seven types of valves made of steel, iron and bronze.

Mimeographed copies of R219-46 may be obtained without cost from the Division of Simplified Practice, National Bureau of Standards, Washington 25, D. C.

#

PAUL R. WILLIAMS TO SPEAK TODAY

Paul R. Williams, architect of Los Angeles, will be the speaker today on "The House I Want" series to be given at the Twentieth Century Club in Berkeley at 10 a.m. and the San Francisco Museum of Art at 2:30, p. m. Mr. Williams is internationally prominent and is the author of today's best seller in the field of home planning books.

He is currently engaged in designing a number of hotels located in resort areas from Las Vegas, Nevada to Bogota, Columbia. Mr. Williams was guest of honor of the Northern California Chapter of the American Institute of Architects at a luncheon meeting held at the Palace hotel yesterday.

COAST BUILDING PERMITS

Summary of permit valuations reported to DAILY PACIFIC BUILDER by principal city and county building inspection departments of seven Western states. For detailed report turn to Page Four.

	1944		1945		1946	
	P'mts	Value	P'mts	Value	P'mts	Value
Jan.	10,284	$ 18,669,081	11,693	$ 13,998,803	19,150	$ 80,904,443
Feb.	10,152	23,046,435	10,206	13,775,233	19,755	74,734,712
Mar.	12,813	23,540,600	12,080	18,116,289		
Apr.	11,960	21,768,898	13,289	21,103,984		
May	12,980	19,228,506	13,712	26,713,453		
June	11,395	16,973,078	14,639	29,851,429		
July	13,543	19,957,114	13,409	30,421,510		
Aug.	12,209	18,573,766	13,764	30,110,630		
Sept.	10,587	12,120,661	14,301	37,662,525		
Oct.	11,971	13,924,818	18,318	46,557,363		
Nov.	11,090	11,727,604	17,719	54,908,961		
Dec.	9,374	11,347,828	16,479	65,775,859		
Total	138,358	$210,878,389	169,609	$388,996,039		

New Light-Weight Concrete Block

Marking the addition of another major building material to its list of products either manufactures or distributed, the Kraftile company of Niles, this week announced the availabality on approximately May 1, of "Kraftlite" light-weight concrete blocks.

"Kraflite" blocks will represent controlled quality manufacture of structural units long-established in the building industry and which have recently gained in popularity in California. They are inexpensive, fire-proof, and termite-proof, and can effect savings in construction because they eliminate the cost of forms. The blocks will be manufactured of batched aggregates and pure light-weight pumicite.

James Crawford, vice president of Kraftile, will be in charge of the "Kraftlite" division and will supervise distribution to the San Francisco Bay Counties area.

Foamglas Furnace To Increase Output

The Pittsburgh Corning corporation has announced a $300,000 expansion of existing facilities for the manufacture of Foamglas, a glass insulation material, at its Port Allegany, Pa., plant.

Construction of a new plant to house a melting furnace will begin as soon as weather conditions permit. Additional buildings designed to house batch handling and cullet crushing equipment will be erected at the same time.

Refinements in manufacture have lightened the weight of the material, it now being 15 parts air and one part glass. It is vermin and rodent proof and totally unaffected by water.

Because it is so light and impervious to water, it found many wartime uses as the buoyant element in life rafts, net buoys and other heavy floatation equipment.

Widespread use of the product in private housing and commercial and industrial plants has resulted in the current expansion at the Port Allegany plant.

Did You Know That . . .

William Wilson Wurster, Theodore C. Bernardi and Donn Emmons, local architects, have established the firm of Wurster, Bernardi and Emmons, 402 Jackson street, San Francisco. Telephone EXbrook 8918.

—O—

Calvin Wood, formerly with the Spencer Curtis advertising agency, has opened an agency at 617 Montgomery street.

—O—

Ens. Gilbert Edwards last week replaced Lt. Comdr. Morris Lustbader as Resident Officer in charge of construction at the Alameda Naval Air Station.

—O—

Newell Farrar, advertising and publicity chief of the local War Assets Corporation, has resigned his position to go into business for himself. His office will be in Room 825, Rialto Bldg., San Francisco.

American Institute of Architects Diagnoses Rising Building Costs

The American Institute of Architects has made a penetrating analysis of the abnormal factors which enter into the present building costs. The cost of building construction, says the Institute, has continued to increase in the past few months and will be a serious deterrent to any housing program. The statement continues:

We do not believe that these increased costs are due to profiteering, for the industry is highly competitive, yet the present cost level cannot be understood in terms of present prices for labor or material. In our opinion, there are three primary factors involved:

(a) Uncertainty, as to future regulations concerning the flow of materials by re-imposition of priorities and other changes of government policy, is a serious factor. Not knowing what to expect, it is only natural that sub-contractors and contractors try to protect themselves by making allowances for unforeseen contingencies. A definite and continued policy should be announced at an early date, in order to remove uncertainty.

(b) The inadequate production of building materials is much more serious than the price. O.P.A., by maintaining excessively low price ceilings on a number of building materials, has vastly increased the cost of the finished building to the consumer. The lack of two or three critical items may tie up a whole project and result in increased cost of the project many times more than the increased cost that would have resulted from paying a fair price for these materials.

(c) Low productivity of existing labor supply. A partial answer to the low productivity of labor may be found in the disorganized conditions which exist in the industry as a result of material shortages, but this is insufficient to explain the present low output of labor. It is to be hoped that labor will see the wisdom of removing restrictive practices, at least for the duration of the present emergency when they are not needed to spread employment. Public opinion will be sympathetic of labor cooperates in the effort to increase productivity.

#

Kaiser Shipyard Portland Dormitories Declared Surplus

In a move to aid in overcoming the present shortage of housing and building materials in the United States Maritime Commission today declared as surplus to the War Assets Corporation, 16 dormitory units located at the Government-owned Swan Island shipyard of the Kaiser Co., Portland.

The dormitories, designed to house unmarried shipyard workers, have a total capacity of 2,048 individuals. Each unit consists of two buildings, two stories in height with 16 rooms on each floor for a total of 64 rooms to the unit. The two buildings are connected with a concrete wash room and heating plant.

A proposal of the Kaiser Company to dispose of the dormitories and restore the premises will be transmitted to War Assets with the surplus declaration.

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DAILY PACIFIC BUILDER
(Established 1890)
Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Industrial Bldgs. 12-13
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Religious Buildings 18-19
Social, Recreational Bldgs. 20-21
Residential Buildings 22-26
Transportation Bldgs. 27
Miscellaneous Bldgs. 28-30

1-8—COMMERCIAL BLDGS.

3/21/46 ** 4
PREPARING PLANS
OFFICE BLDG. Est. Cost, $25,000.
SAN MATEO, San Mateo Co., Calif. Ramona St.
Construction of two-story and basement office building.
Owner—C. E. Needham, 850 Menlo Oaks Dr., Menlo Park.
Architect—Henry Morgan Stedman, 666 Kellogg Ave., Palo Alto.

3/21/46 * 3
CONTRACT AWARDED
WAREHOUSE Cost, $50,000
WOODLAND, Yolo County, Calif. 100 W. Main St.
Construction of warehouse.
Owner—Locker Storage & Pioneer Distributors Co., 100 W. Main St., Woodland.
Plans by owner.
Contractor—Empire Construction Co., Ltd., 344 Harriet St., San Francisco.

3/21/46 ** 2
STARTING WORKING DRAWINGS
DALY CITY, San Mateo Co., Calif.
GARAGE BLDG. Est. Cost, $25,000
Construction of one-story reinforced concrete garage building.
Owner—Withheld.
Architect — Conrad F. T. Kett, 75 Crescienta Dr., Sausalito.

3/21/46 * 3
WORK UNDER WAY
MILL AND WAREHOUSES
PETALUMA, Sonoma County, Calif. D, First and Second Sts.
Construction of three-story feed mill 50x100 ft.) and three warehouses, occupying lots 50x100 ft.), concrete floors and foundations, buildings of frame and corrugated iron, with aggregate blocks used in firewalls between mill and warehouses; all buildings in one unit.
Owner—M. Vonsen Co., Western Ave. and Keller St., Petaluma.
Contractor — Vogensen Construction Co., 515 H St., Petaluma.
Concrete Contractor—A. O. Schlunneger.

3/21/46 * 6
CONTEMPLATED
BLDG. PROJECT Est. Cost, $230,000
MILL VALLEY, Marin Co., Calif. South of the Locust district.
Construction of store buildings.
Owner—Manuel S. Azevedo, 127 Sycamore Ave., Mill Valley.
Contractor—J. J. Hornsby, 135 Evergreen Ave., Mill Valley.

Mr. Hornsby will appear before the planning commission at its next meeting to discuss the project.

3/21/46 3
TO START CONSTRUCTION
WAREHOUSE Cost, $50,000
ALAMEDA, Alameda Co., Cal. 1916 Webster Street.
Construction of warehouse and office building.
Owner—Rosefield Packing Co., 1916 Webster St., Alameda.
Architect—Thos. B. Mulvin, 110 Sutter St., San Francisco.
Contractor—Stolte, Inc., 8451 San Leandro Blvd., Oakland.

3/21/46 3
TO START WORK
WAREHOUSE Est. Cost, $45,000
SACRAMENTO, Sacramento Co. Cal. South of rice mill at West Sacramento.
Construction of 1-story conc. warehouse.
Owner—Purity Stores, 20th and D Sts., Sacramento.
Contractor—The Younger Constr Co. 575 Mission St., San Francisco.

3/21/46 4
CONTRACT AWARDED
OFFICE BUILDING
SAN FRANCISCO. McLea Court. off Ninth and Harrison Streets.
Construction of two-story frame office building.
Owner—Withheld.
Architects—Hertzka and Knowles, 85 Post Street.
Contractor—Rademann & Giusto, 40 Ringold Street.

3/21/46 * 2
TO ASK BIDS
HANGARS Cost, $6000
HUMBOLDT COUNTY, Cal. Humboldt County Airport.
Construction of airplane hangars.
Owner—County of Humboldt, Court House, Eureka.
Engineer—Frank E. Kelley, Court-House, Eureka.

Bids will be asked about April 15.

3/21/46 ** 1
PREPARING PLANS
REMODEL BANK
SACRAMENTO, Sacramento County, Calif. Oak Park Branch.
Interior and exterior remodeling of two-story bank building.
Owner—Bank of America, 2778 Sacramento Blvd., Sacramento.
Architect — Leonard F. Starks, 416 Native Sons' Bldg., Sacramento.

3/21/46 ** 4
BID CALL CANCELLED
ALTER AND CLEAN BUILDING
SAN FRANCISCO. 501-507 Howard Street.
Alterations to and cleaning of building.
Owner—Withheld.
Architect—Otto A. Deichmann, 1026 Market St.

A call for bids scheduled to have been opened March 20 was cancelled.

9-10—EDUCATIONAL BUILDINGS

3/21/46 ** 9
BOND ELECTION
SCHOOLS Cost, $125,000
SANGER, Fresno County, Calif.
Construction of two new school buildings, one in South Sanger and the other on Webster Ave.
Owner — Sanger Elementary School District, Dr. Arthur Walter, Sanger.
Architect—Not given.

The district will vote May 17 on a proposal to issue bonds in the amount of $125,000 to finance the above construction.

3/21/46 ** 9
BONDS VOTED
REMODEL SCHOOL
DANVILLE. Contra Costa Co., Calif. Danville Union Grammar School
Construction of two additional classrooms and other improvements.
Owner — Danville Union Grammar School District.
Architects—W. G. Corlett and Arthur W. Anderson, Bank of America Bldg., Oakland.

The school district voted bonds March 15 in amount of $85,000 to finance the above construction.

3/21/46 ** 9
BOND ELECTION
GYMNASIUM Cost, $90,000
PARLIER, Fresno County, Calif.
Construction of gymnasium building at Parlier High School.
Owner—Parlier Union High School District, Parlier.
Architects—Fred L. Swartz and Wm. G. Hyberg, Rowell Bldg., Fresno.

The district will vote May 17 on a proposal to issue bonds in the amount of $90,000 to finance the above construction.

3/21/46 ** 9
BOND ELECTION
SCHOOL BLDG. Cost, $125,000
KERN COUNTY, Calif.
Construction of school building.
Owner—Edison School District, Kern County.
Architect—Not given.

The district will vote April 5 on a proposal to issue bonds in the amount of $125,000 to finance the above construction.

3/21/46 * * 9
PROSPECTIVE BIDDERS
SCHOOL ADDITION
STOCKTON, San Joaquin Co., Calif. Lincoln and Jefferson Streets.
Additions and alterations to Hazelton Elementary School, including cafeteria and kitchen, public play yard, classroom, library and office.
Owner—Board of Education, Stockton Unified School Dist., Administration Building, Stockton.
Architect—J. U. Clowdsley, Exchange Building, Stockton.

Plans and specifications obtainable from the office of the architect upon deposit of $25.

Each bid must be accompanied by cash, certified check or bid bond in amount of not less than 10% of bid.

As previously reported, bids will be opened April 2, 8:00 P. M.

Following contractors have taken out plans:

S. C. Giles & Co., 319 Elks Bldg., Stockton.
Elmer H. Dolan Co., 509 E. Hawthorne St., Stockton.
Gray Constr. Co., Room 308 California Bldg., Stockton.
George Roek, 2045 Oxford Way, Stockton.

3/21/46 ** 9
STARTING PRELIMINARY PLANS
SCHOOL BUILDING
BIEBER, Lassen County, Calif.
Construction of wood frame school building to contain two classrooms and gymnasium.
Owner — Lassen County Board of Trustees, Bieber.
Architects—Thomson & Evans, 1308 E. 38th St. at Park Blvd., Oakland 2.

3/21/46 * 10
WORK UNDER WAY
DORMITORY Est. Cost, $125,000
STOCKTON, San Joaquin Co., Calif. N. Pacific St.
Construction of collegiate Gothic style building to house 100.
Owner—College of the Pacific, N. Pacific St., Stockton.
Plans by owner.
Contractor—Shepherd & Green, 309 First National Bank Bldg., Stockton.

3/21/46 * * 10
BIDS REJECTED
MAINTENANCE BUILDING
KENTFIELD, Marin County, Calif. Marin Junior College Campus.
Construction of 1-story conc. block maintenance building.
Owner — Marin Junior College Dist., W. H. Austin, principal Kentfield.
Architect — Arnold S. Contable 95 Spencer Ave. Sausalito.

Bids received March 14 were rejected at which time Danzin Constr. Co. Kentfield at $4616 submitted the low bid.

The work will be readvertised jointly with the engineering building for which plans will be completed in about one month. The next meeting of the school board will be held April 1.

3/21/46 * * 10
COMPLETING WORKING DRAWINGS
ENGINEERING BLDG. ADDN.
KENTFIELD, Marin County, Calif. Marin Junior College Campus.
Construction of two-story reinforced concrete and frame addition to the Engineering Building.
Owner — Marin Junior College Dist., W. H. Austin, principal Kentfield
Architect — Arnold S. Contable 95 Spencer Ave. Sausalito.

Plans are expected to be completed and bids asked jointly with the maintenance building in about one month.

11—HOSPITALS

3/21/46 ** 11
CONTRACT AWARDED
TUBE RADIATION Contract Price, $13,114
SAN LEANDRO, Alameda Co., Calif. U. S. Naval Hospital.
Installing tube radiation in existing covered passage and solaria with the necessary additions to the existing heating system, pipes, traps, valves, connections to the existing heating and return mains and incidental work, complete and ready for use at the U. S. Naval Hospital, San Leandro; Spec. 17460, NOy 13296.
Owner—Bureau of Yards and Docks, Navy Department, Public Works Department, 12th Naval District, 1182 Market St., San Francisco.
Contractor—Jerry Doyle, P. O. Box 74, San Leandro.

3/21/46 ** 11
CONTRACT AWARDED
LIVERMORE, Alameda Co., Calif. —Baartol Co., 331-337 20th St., Toledo, Ohio, at $2397, awarded contract by the Veterans' Administration, Washington 25, D. C., under Project No. 2633 for steel flagpole and base for Veterans' Administration Hospital at Livermore.

12-13—INDUSTRIAL BUILDINGS

3/21/46 * 12
WORK UNDER WAY
REDUCTION PLANTS Cost, $350,000
MONTEREY, Calif.
Construction of two reduction plants to be known as the Ronda Fisheries and Magnolia Packing Co., to cost $100,000 each, and an additional reduction factory near owner's present site, to cost $150,000.
Owner—San Carlos Canning Co., Angelo Lucido, president, Spence and Wave, Monterey.
Contractor — Elio & Vassallo, 201 Eardley, Pacific Grove.

3/21/46 * * 12
PLANNED
ABBATOIR Cost, $200,000
PERKINS, Sacramento Co., Calif. Middle Jackson Road.
Construction of concrete and steel slaughter house. food processing and freezing plant.
Owner—Frederick G. Haase & Associates, Elk Grove.
Architect—Not Selected.

Owner will award segregated contracts.

3;21;46 12
TO START CONSTRUCTION
BOTTLING PLANT Cost, $40,000
FRESNO, Fresno County, Calif. 337 Palm Street.
Construction of bottling plant.
Owner—Ideal Kist Bottling Co., 808 R Street, Fresno.
Contractor—L. H. Hansen & Sons, 313 Palm Ave., Fresno.

3/21/46 ** 12
BIDS OPENED
ORDNANCE SHOP SUPERSTRUCTURE
SAN FRANCISCO. S. F. Naval Shipyard.
Construction of 6-story concrete and steel shop building which shall be used for industrial shop purposes, and which includes paving, track work, masonry, steel sash, corru. wire glass, roofing, protected metal siding, metal doors, plastering, wood block flooring, terrazzo, floor coverings, elevators, escalator monorails, and crane, utilities and painting; NOy 12968; Spec. 17152.
Owner—Bureau of Yards and Docks, Navy Dept., c/o Public Works Office, Room 2110, Admin. Building., San Francisco Naval Shipyard.
Low Bidder—Peter Kiewit Sons Co., 442 Post St., San Francisco, $1,857,000.

Complete bids were:

Peter Kiewit Sons Co., $1,857,000, (1) add $85,000, (2) no bid, (3) deduct $350, (4) deduct $5500, (5) deduct $32,000, (6) deduct $9000, (7) no bid.

Barrett & Hilp, San Francisco, $1,886,489, (1) add $91,122, (2) deduct $4432, (3) deduct $1607, (4) deduct $7587, (5) deduct $24,740, (6) deduct $14,780, (7) no bid.

M. & K. Corp., San Francisco, $1,892,000, (1) add $121,000, (2) deduct $20,000, (3) deduct $1800, (4) deduct $7000, (5) deduct $23,000, (6) deduct $8500, (7) no bid.

A. Farnell Blair, San Francisco, $1,893,000, (1) add $89,000, (2) deduct $5000, (3) deduct $1650, (4) deduct $6700, (5) deduct $29,000, (6) deduct $8500, (7) add $70,000.

Clinton Construction Co., San Francisco, $1,960,000, (1) add $116,000, (2) deduct $31,000, (3) deduct $2000, (4) deduct $7000, (5) deduct $23,000, (6) deduct $8500, (7) no bid.

Moore & Roberts, San Francisco, $1,977,820, (1) add $90,000, (2) add $1000, (3) deduct $1800, (4) deduct $7000, (5) deduct $24,000, (6) deduct $8000, (7) no bid.

James I. Barnes Construction Co., San Francisco, $2,173,000, (1) add $98,000, (2) deduct $5000, (3) deduct $1000, (4) deduct $6000, (5) deduct $24,000, (6) deduct $11,000, (7) no bid.

3/21/46 ** 12
PLANS BEING FIGURED—BIDS OPEN MARCH 28, 4 P. M.
NEWSPAPER PLANT
OROVILLE, Butte County, Calif.
Construction of one-story office and shop building of reinforced concrete walls and floors and wood roof (62x126 ft.).
Owner—Mercury-Register, 1835 Robinson St., Oroville.
Architect — E. Geoffrey Bangs, 605 Market St., San Francisco.

The following contractors have taken out plans:

Dawson Construction Co., 1453 Huntoon St., Oroville.
Unifried & Son, Route 3, Box 69A, Oroville.
Robert Taylor, Box 665, Oroville.
Ellis W. Barker Co., 302-303 Ness Bldg., Salt Lake City, Utah.

14-17—PUBLIC BLDGS.

3/21/46 * * 15
BIDS WANTED—TO CLOSE APRIL 2, 8:05 P. M.
FIRE DRILL TOWER
ALAMEDA, Alameda Co., Cal. Bay Farm Island.
Construction of fire drill tower.
Owner—City of Alameda, City Hall, Alameda.
Architect—Kent & Hass, 525 Market St, San Francisco.

Specifications obtainable from the office of the city clerk, City Hall, Alameda, upon deposit of $25.00.

3/21/46 ** 16
BIDS OPENED
SAN FRANCISCO.—San Francisco Elevator Co., Inc., 860 Folsom St., San Francisco, at $465.41, submitted low bid to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for new elevator cables, etc., new Mint Building, San Francisco.

Other bids were:

Westinghouse Electric Corp., $493.68.
Otis Elevator Co., $618.

3/21/46 ** 15
PRELIMINARY PLANS COMPLETED
EL CERRITO, Alameda Co., Calif.
Construction of one-story frame and masonry library building to contain 2500 sq. ft. area.
Owner—City of El Cerrito, City Hall.
Architect — Harry A. Bruno, 1440 Broadway, Oakland.

3/21/46 ...*...*...16
BIDS OPENED
SEBASTOPOL, Sonoma Co., Calif. —Service Heat and Power Co., 636 21st St., Oakland, at $137 submitted low bid to the office of the District Engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for relining boiler firebox and overhauling oil burner, U. S. Post Office, Sebastopio.

McPhail Fuel Co., San Rafael, at $195 submitted only other bid.

3/21/46 ** 16
BIDS OPENED
EL MONTE, Los Angeles Co., Calif. —Nick Hemminga, 627 38th Ave., San Francisco, at $1215, submitted low bid to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for new service window, U. S. Post Office, El Monte.

J. H. Valley, Pasadena, at $1590, submitted only other bid.

3/21/46 ** 16
BIDS OPENED
SANTA MARIA, Santa Barbara Co., Calif.—Dillon Heat Service Co., Pasadena, at $205, submitted low bid to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for relining boiler fireboxes and overhauling oil burner, U. S. Post Office, Santa Maria.

Service Heat & Power Co., Oakland, at $214, submitted only other bid.

3/21/46 ** 16
BID OPENED
YUMA, Ariz.—Service Heat & Power Co., 636 21st St., Oakland, at $694, submitted only bid to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for relining boiler firebox and miscellaneous plumbing repairs, U. S. Post Office, Yuma, Ariz.

20-21—SOCIAL AND RECREATIONAL BLDGS.

3/21/46 ** 20
PREPARING PLANS
COUNTRY CLUB Est. Cost, $100,000
SOUTH SAN FRANCISCO, San Mateo County, Calif. Baden.
Improvement program for California Golf and Country Club. Work has already started on a 100,000-gallon water reservoir reserve. The west end of the clubhouse will be rebuilt, the grill is to be enlarged, new showers installed and new rest, steam and cooling rooms added; also installation of new lighting system and addition of ladies' annex.
Owner—California Golf and Country Club, Baden, South San Francisco.
Architect—Weihe, Frick & Kruse, 251 Kearney St., San Francisco.

3/21/46 * 20
PLANNED
HORSE RACING PLANT Est. Cost, $2,000,000
OAKLAND, Alameda County, Calif. Pleasanton (southwest of Oakland)
Construction of horse racing plant.
Owner—Oakland Jockey Club, c/o Robert C. Burnstein, atty., 414 13th St., Oakland.

Alameda County supervisors have scheduled a hearing on March 25 on the application for permission to build the track.

3/21/46 20
PLANNED
BEACH RESORT Est. Cost, $250,000
SANTA CRUZ, Santa Cruz Co., Calif. Ocean beach.
Construction of beach resort bldg.
Owner—Santa Cruz Seaside Company, Louis W. Jenkins, President, Santa Cruz.

3/21/46 **
PLANNED
RESORT Cost, $150,000
DOUGLAS CITY, Trinity Co., Calif.
Construction of 14-unit motel, cocktail lounge and restaurant, large store, service station and an artificial lake.
Owner and Builder—Earl C. Ford, c/o Lance Johnson, construction manager, Douglas City.
Plans by owner.

3/21/46 ** 21
HEATING, AIR CONDITIONING BIDS WANTED—TO BE OPENED MARCH 25, 1:30 P. M.
THEATER
SACRAMENTO, Calif. K St., between 12th and 13th Sts.
Heating and air conditioning in connection with the Studio Theater now under construction.
Owner—Leonard Giordano.
Architect — Leonard F. Starks, 416 Native Sons' Bldg., Sacramento.
General Contractor—Central California Construction Co., Inc., 116 Erie St., San Francisco.

The architect is receiving the heating and air conditioning bids.

The following contractors have taken out plans:

Walter M. Dunphy Sheet Metal Products, 3136-40 Folsom Blvd., Sacramento.
M. R. Carpenter, 907 Front St., Sacramento.
Luppen & Hawley, Inc., 3126 J St., Sacramento.
Wagner's Sheet Metal Works, 2217 Broadway, Sacramento.
J. N. Blair Co., 217 N. 16th St., Sac-
Al Schoen, 2604 16th St., Sacramento
ramento.

22-26—RESIDENTIAL BUILDINGS

3/21/46 ** 26
CONTRACT AWARDED
MOTEL Cost, $66,000
SACRAMENTO, Calif.
Construction of 17-unit motel, office and owner's apartment, garden space, recreation space, automobile garages.
Owner—Charles McGowan, 4830 8th Ave.
Architect—Frederick S. Harrison, 1206 Elks' Bldg.
Civil Engineer—Carl L. Knight, 430 Santiago Ave.
Contractor — James Francis Butts, 1312 Del Paso Blvd.
Terra Cotta Tile, Roofing, Etc.—Gladding McBean Co., Lincoln.
Sheet Metal, Ventilating — Burgess Sheet Metal Service, 112 N. 6th St.
Brick Work—Matt Stevenson, Route 7, Box 3655.

3/21/46 ** 26
PLANNED
SUBDIVISION Cost, $8000 to $10,000
SUNNYVALE, Santa Clara Co., Calif. Between Central and Fairoaks Aves.
Construction of 27-lot residential subdivision.
Owners—R. W. Pedersen, 274 S. Murphy St., and H. A. Pfeiffer, 505 S. Murphy St.
Architect—Not selected.

The owners will ask bids and engineer construction.

3/21/46 ** 24
TO ASK BIDS
RESIDENCE
MARIN COUNTY, Calif. Buena Vista.
Construction of one-story frame and stucco residence, forced air heating, oak floors, tile roof.
Owner—S. B. Mendenhall, Mill Valley.
Architect—Oran A. Jenkins, 277 Pine St., San Francisco.

Bids will be asked in about two weeks.

WANTED
1500 yards of clean DIRT FILL in Berkeley immediately
'Phone Mr. Brown
VAlencia 4977

3/21/46 ** 22
PLANNED
MOTEL, ETC. Cost, $160,000
SACRAMENTO County, Calif. Colonial Heights.
Construction of tile and brick motel and office building, grocery store, drive-in market.
Owner—H. C. Houtman, Route 4, Box 4257, Dewey Ave., Sacramento.

28-30—MISCELLANEOUS

3/21/46 29
PLANNED
ROSE NURSERY Est. Cost. $100,000
DECOTO, Alameda County, Calif. Site on the Hayward-Niles Highway, one mile west of Decoto.
Construction of rose nursery, including greenhouses, warehouses and shipping facilities.
Owner — San Lorenzo Nursery Co., Washington Ave., San Lorenzo.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

3/21/46 ** 32
TO PREPARE PLANS
HUGHSON, Stanislaus Co., Calif.—The board of directors of the Hughson Sanitary District has selected Engineer L. Cedric Macabee, 156 University Ave., Palo Alto, as chief engineer to make a preliminary survey and design a complete project to take care of domestic and industrial sewage. Macabee will have his report ready to submit to the board April 12, after which the bond election will be held to finance the project.

Members of the board are: Cecil Maddux, president; Steve Pierce, secretary; Joe B. Fritts, Neil McGarvey, E. E. Owen and Leo Powell.

3/21/46 ** 32
PROSPECTIVE BIDDERS
LOS ANGELES, Calif.—The following contractors have taken out plans for excavating of the Hyperion activated sludge plant site and for the disposal of excavated material, for which bids will be opened April 10, 10 A. M., by the Los Angeles Board of Public Works, 153 City Hall, Los Angeles:

Case Construction Co., P. O. Box 109, San Pedro.
Nathan A. Moore, 2951 W. Valley Blvd., Alhambra.
Guy F. Atkinson Co., 1103 E. Garvey Ave., San Gabriel.
Gunther & Shirley Co., 714 W. Olympic Blvd., Los Angeles.
J. E. Haddock, Ld., 3538 E. Foothill Blvd., Pasadena.
Morrison - Knudsen Co., 810 Title Guarantee Bldg., Los Angeles.
Pacific Bridge Co., 333 Kearny St., San Francisco.
R. A. Watson Co., 5528 Vineland Ave., North Hollywood.
Western Dredging & Construction Co., 315 Park Central Bldg., Los Angeles.
Rhoades Bros. & Shofner, 3869 Medford St., Los Angeles.
W. E. Kier Construction Co., 1462 N. Stanley Ave., Los Angeles.
Peter Kiewit Sons Co., 650 S. Grand, Room 505, Los Angeles.
R. H. Flickinger, 5017 S. Cimarron Ave., Los Angeles.
N. Earl Roche, 1667 Rancho Ave., Glendale.
Hydraulic Dredging Co., Ltd., 1221 Central Bank Bldg., Oakland.
Macco Construction Co., 815 N. Paramount Blvd., Clearwater.
Clyde Wood, Inc., 6900 Tujunga Ave., P. O. Box 620, North Hollywood.
San Francisco Bridge Co., 503 Market St., San Francisco.
Bressi & Bevanda Construction Co., Inc., 417 S. Hill St., Room 764, Los Angeles.
Case Construction Co., P. O. Box 6, Berth 109, San Pedro.
Barnes & Delaney, 615 E. Willow St., Long Beach.
George Pollock Co., Forum Bldg., Sacramento.
Winston Bros. Co., 411 W. 5th St., Los Angeles.

33—BRIDGES

3/21/46 ** 33
BIDS WANTED
CONTRA COSTA COUNTY, Calif. —Until April 15, 11 A. M., bids will be received by the Contra Costa Board of Supervisors, county clerk, Hall of Records, Martinez, for construction of bridge over San Pablo Creek on County Road A6, east of Rollingwood.

The work involves:

(1) lump sum, obstructions;
(2) 900 lin. ft. furnish steel piles;
(3) 16 each drive steel piles;
(4) 37,000 lbs. structural steel;
(5) lump sum, paint structural steel;
(6) 14,800 lbs. bar reinforcing;
(7) 1200 lbs. spiral rod reinforcing;
(8) 96 cu. yds. portland cement concrete;
(9) 180 lin. ft. railing;
(10) 4 each drains, including grates;
(11) 9 each pipe hangers;
(12) lump sum, miscellaneous items of work.

Specifications obtainable from the county surveyor's office, Hall of Records, Martinez, upon deposit of $25.

34—DAMS, RESERVOIRS & DREDGING

3/21/46 ** 34
BIDS WANTED
CUTLER CITY, Ore.—Until April 1, 8 P. M., bids will be received by the Cutler City Water District, Cutler City, Ore., for clearing of damsite and construction of dam at head works, clearing right-of-way for pipeline, laying 6-in. main in the ditch, making all connections and refilling ditch; length of pipeline to be approximately 13,000 ft. Plans and specifications are available at the above office.

3/21/46 ** 34
LOW BIDDERS
COLUMBIA BASIN PROJECT, Washington.—Morrison-Knudsen Co., Inc., Seattle, Wash., at $619,000, submitted low bid to the U. S. Bureau of Reclamation, Coulee Dam, Wash., under Spec. 1187 for the construction of earthwork, main canal, station 751 plus 94 to station 1100 plus 90.8, Columbia Basin Project, Washington. The work is situated in vicinity of Stratford and Adrian, Wash.

Second and third low bids follow:

Marshall & Haas, San Mateo, $635,000.
M. E. Nelson, Inc., Ethrata, Wash., $659,000.

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

N. Rothman Factory, South S. F.; Bids open March 22, 11 A. M.
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081)
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Transwestern Constr. Co., Rm. 825, Rialto Bldg., S. F. (DOuglas 5708)
Rademann-Guisto, 40 Ringold St, San Francisco (MArket 8151)
Peter Kiewit Sons' Co, 442 Post St., San Francisco (EXbrook 5736)
Empire Constr. Co., 344 Harriet St., San Francisco (HEmlock 3400)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209)

Garage, R. Casazza, Lomita Park; Bids open March 22, 11 A. M.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)

Remodel Fortuna Market, 18th and Connecticut, S. F.; Bids open March 22
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070)

Warehouse and Office, Firebrick Supply, 18th and Indiana Streets, San Francisco; Bids open March 27, 3:00 P. M.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209)

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Associated Wood Products Co.
Fabricators and Erectors of
TIMBER TRUSSES
Berkeley 8317 1335 SIXTH ST., Berkeley 2, Calif.

NATIONAL EXPANSION JOINT CO.
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NATIONAL STEEL FABRICATORS
(Formerly National Ornamental Iron & Bronze Co.)

ADVANCE CONSTRUCTION REPORTS

39—SEWERS

3/21/46 * * 39
BIDS OPENED
SAN FRANCISCO.—Lowrie Paving Co., 1540 16th Street, at $54,077.60 submitted low bid to the Department of Public Works, Room 282, City Hall under Spec. No. 20,069 for construction of Folsom St. sewer from 12th to 18th Streets.

Work involves:
(1) 297 l.f. 24-inch VCP sewer on reinf. concrete foundation;
(2) 123 l.f. 21-inch do;
(3) 106 l.f. 15-inch VCP sewer;
(4) 2750 l.f. 12-inch do;
(5) 19 each 24x8-in. Y-branches;
(6) 6 each 21x8-inch do;
(7) 2 each 15x8-inch do;
(8) 196 each 12x8-inch do;
(9) 19 each brick manholes;
(10) 6 each vatchbasin traps;
(11) 168 l.f. 10-inch VCP culvert;
(12) 265 l.f. 6-inch do;
(13) lump sum, traffic routing work.

Total bids follow:
(A) Lowrie Paving Co., Inc., $54,077.60.
(B) M. & K. Corp., $76,803.
(C) Chas. L. Harney, $107,935.75.

Unit prices follow:

	(A)	(B)	(C)
(1)	$25.00	$27.00	$45.00
(2)	24.50	25.00	46.00
(3)	10.00	19.00	26.00
(4)	12.50	18.00	27.00
(5)	24.40	22.00	7.25
(6)	21.00	20.00	5.70
(7)	10.00	18.00	3.00
(8)	8.50	16.00	1.80
(9)	200.00	220.00	270.00
(10)	35.00	40.00	47.00
(11)	4.50	10.00	4.75
(12)	2.50	9.00	4.40
(13)	500.00	2000.00	4000.00

3/21/46 * * 39
CONTRACT AWARDED
SAN FRANCISCO.—E. J. Treacy, 425 Dewey Blvd., at $2398 awarded contract by the Department of Public Works, Room 282, City Hall, under Spec. No. 20,000 for installing a motor-driven sewage pump at Fitzgerald Avenue pumping station.

40— STREETS AND HIGHWAYS

3/21/46 ** 40
BIDS WANTED
OTERO COUNTY, N. M.—Until April 4, 10 A. M., bids will be received by the B. W. Matteson, division engineer, Public Roads Administration, 101 U. S. Customhouse, Santa Fe, N. M., for construction of 3.503 miles of the Alamogordo-Pinon Rd., New Mexico Forest Project 35-E, Otero County, N. M.; 225 calendar days for completion. Plans and specifications are available from the above office upon deposit of $10. A guarantee of 5% of amount must accompany all bids.

3/21/46 ** ....
CONTRACT AWARDED
ALAMEDA, Alameda Co., Cal.—J. R. Armstrong, 400 Central, Box 216, El Cerrito, at $2380 awarded contract by the Federal Public Housing Authority, Phelan Building, San Francisco, for supplementary road construction and drainage at Alameda, Project Calif-4895-N.

3/21/46 ** 40
BIDS WANTED
WYOMING STATE.—Until March 26, 9:30 A. M., bids will be received by the Wyoming State Highway Commission, Capitol Bldg., Cheyenne, Wyo., for the construction of roadway and drainage structures as follows:

(1) Wyoming Project No. S-284 C, (1), involving the construction of grading, draining, base course surfacing, oil treatment by the road-mix method, sand seal coat and miscellaneous work on 4.98 miles of the Basin-Burlington Rd. in Big Horn County; 100 working days for completion 20 days after notice of award. Plans available from the above office upon payment of $3.50; certified check for $3000 to accompany bids.

(2) Federal Aid Projects FAGM 211 (6) (ON) 1941 and 1943, and SN-FAI 179 (6), 1941 and 1942 combined, involving the construction of one overhead crossing over Chicago, Burlington & Quincy Railroad tracks at Ranchester, including grading, draining, base course surfacing, oil treatment by the road-mix method, stone chip seal coat and miscellaneous work on .464 mile of the Ranchester-Sheridan Rd.: and grading, draining, base course surfacing, oil treatment by the road-mix method, stone chip seal coat and miscellaneous work on 1.174 mile sof the Montana-Wyoming State Line-Sheridan Rd. in Sheridan County; 200 working days for completion. Plans are available from the above office upon deposit of $7.50. Certified check for $9000 to accompany bids.

(3) Wyoming Project No. S-5 (2), involving the construction of grading, draining, base course surfacing, oil treatment b ythe road-mix method, 1-TT bridge and miscellaneous work on 6.343 miles of the Wheatland-Wes Rd. in Platte County; 100 working days for completion. Plans are available from the above office upon deposit of $6.25. Certified check for $4000 to accompany bids.

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WANTED

LOCOMOTIVE CRANE, DIESEL-POWERED, STANDARD GAUGE, 40 to 50 FT. BEAM, WITH OR WITHOUT MAGNET. A. D. Schader, 144 Spear St., San Francisco. Phone DO. 4577. to Mar. 22, 1946

3/21/46 ** 40
COMPLETE BIDS
WASHINGTON STATE.—The following submitted bids to Clarence B. Shain, state director of highways, Olympia, Wash., for the construction of the following highway and bridge improvement projects:

(1) Grading and constructing cement concrete pavement and sidewalks on 0.577 mile of primary state highway No. 3, Yakima-S. First St. extension in Yakima County; FAP No. U-132 (21).

Low bidder—Toney Romano, 419 21st St., Seattle, $63,617.65.

Other bidder—Sather & Son, N. 1410 Howe, Yardley, Spokane, $65,685.

(2) Grading and widening existing pavement with portland cement concrete, constructing concrete sidewalks, storm and sanitary sewers and drainage structures on 4.153 miles of primary state highway No. 5, in Tacoma on Pacific Ave. from S. 34th St. to S. 96th St., in Pierce County; FAP No. U-159 (11).

Only bidder—Woodworth & Co., Inc., 1200 E. D St., Tacoma, $237,316.

(3) Grading, surfacing and stockpiling mineral aggregate on 6.604 miles of primary state highway No. 18 and secondary state highway No. 11-C, Imber Creek to Ewan in Whitman County; FAP No. S-276 (6) Unit 1.

Low bidder—Sather & Sons, N. 1410 Howe, Yardley, Spokane, $44,846.99.

Second low—R. L. Bair, Spokane, $50,824.

Third low — Lockyear & White, Woodland, Wash., $55,457.

Two other bids.

(4) Constructing 4 reinforced concrete bridges on primary state highway No. 18 and secondary state highway No. 11-C, Imbler Creek to Ewan in Whitman County, as follows: 3 continuous slab bridges 72 ft. long, 54 feet long and 50 ft. long, respectively, and one T-beam bridge 132 ft. long; FAP No. S-276 (6), Unit 2.

Low bidder—Roy Bair, W. 1220 Ide, Spokane, $126,000.34.

Other bidders:
Sather & Son, Spokane, $130,165.
Colonial Construction Co., E. 1702 Broadway, Spokane, $139,227.

(5) Grading and surfacing on 9.026 miles of secondary state highway No. 3-E, junction secondary state highway No. 3-D to Waitsburg in Walla Walla County; FAP No. S-263 (6), Unit 1.

Low bidder—Roy L. Bair & Co., $174,474.39.

Second low — Ensminger-Gaasland Construction Co., Central Bldg., Seattle, $193,195.

Other bidders:
N. Florito, Seattle, $224,178.
Rogers Bros., $224,832.

(6) Grading, ballasting, surfacing and constructing light bituminous surface treatment on 8.062 miles of secondary state highway No. 10-A, Disautel Summit to Omak in Okanokan County; FAP No. S-41 (3).

Low bidder—C. E. O'Neal, Ellensnburg, Wash., $202,476.77.

Second low—Roy L. Bair, Spokane, $210,907.

Third low—Sather & Son, Spokane, $210,907.

Third low—Sather & Son, Spokane, $219,724.

Two other bids.

3/21/46 * * 40
BID OPENED
SAN FRANCISCO.—E. J. Treacy, 425 Dewey Blvd., at (1) $0.32; (2) $1; (3) $2; (4) $22.40; (5) $10; total, $1729.80 submitted only bid to the Department of Public Works, Room 282, City Hall, under Spec. No. 20,036 for improvement of portions of Girard Street between Ordway and Ward Streets.

Work involves:
(1) 3770 s.f. asph. concrete on rock subbase pavement consisting of 6-in. compacted rock subbase, a 4-in. asph. concrete base and a 2-in. asph. conc. wearing surf.;
(2) 251 l.f. unarmored conc. curb;
(3) 100 l.f. 6-in. VCP side sewer;
(4) 1 each water services (long) at $22.40 each;
(5) 5 each water services (short) at $10.00 each.

3/21/46 * * 40
LOW BIDDERS
CENTRAL VALLEY PROJECT — Following submitted low bids to the Bureau of Reclamation, Denver, for furnishing and delivering fob cars at the shipping point or fob cars at Redding, Calif., at the option of the bidder, one operating unit with control equipment, and one lot of plate-steel inlet and discharge pipes for a 72x93-inch horizontal jet pump for the fish trap at Keswick Dam, Central Valley Project; Spec. No. 1163.

Southwest Welding & Mfg. Co., Alhambra, (item 3) $6434.

Consolidated Steel Corp., Los Angeles, Sched. 2 (item 3) $7925.

Pacific Coast Engrg. Co., Alameda (item 3) $8870.

at (1) $0.36, (2) $1.10, (3) $1.25, (4) $17.55, (5) $8, total $5404.30, submitted only bid to the Department of Public Works, Room 282 City Hall, under Spec. 20,038 for improvement of portion of 41st and 42nd Aves. between Rivera and Santiago Sts. and Rivera between 41st and 42nd Aves.

Work involves:
(1) 11,750 s.f. asph. concrete on rock subbase pavement conisting of 6-in. compacted rock subbase, a 4-in. asph. concrete base and a 2-in. asph. conc. wearing surf.;
(2) 565 l.f. unarmored concrete curb;
(3) 275 l.f. 6-in. VCP side sewers;
(4) 11 each water services (long) at $17.55 each;
(5) 2 each water services (short) at $8 each.

3/21/46 ** 40
BID OPENED
SAN FRANCISCO.—E. J. Treacy, 425 Dewey Blvd., San Francisco, at (1) $0.365, (2) $1, (3) $2, (4) $17.50, (5) $8.50, total $2510, submitted only bid to Department of Public Works, Room 282, City Hall, under Spec. No. 20,014 for improvement of portion of 44th Avenue between Vicente and Wawona Streets.

Work involves:
(1) 5100 s.f. asph. concrete on rock subbase pavement conisting of 6-in. compacted rock subbase, a 4-in. asphaltic concrete base and a 2-in. asph. concrete wearing surface;
(2) 255 l.f. unarmored concrete curb;
(3) 140 l.f. 6-in. VCP side sewers;
(4) water services (long) $17.50 each
(5) water services (short) $8.50 each.

3/21/46 ** 40
CONTRACT AWARDED
MONTEREY COUNTY, Calif. — Granite Construction Co., Box 900, Watsonville, at $227,373, awarded contract by State Director of Public Works C. H. Purcell, Public Works Bldg., Sacramento, for about one and nine-tenths miles in length to be graded, paved with asphaltic concrete on cement-treated base and on existing surfacing and plant-mix surfacing to be placed on the shoulders, between two miles south of Salinas and Salinas, Monterey County.

3/21/46 ** 40
BIDS OPENED
SISKIYOU COUNTY, Calif.—Clements & Co., P. O. Box 277, 941 Atherton St., Hayward, at $168,879, submitted low bid to State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about 13.3 miles surfacing with imported borrow base and plant mix surfacing between Yreka and Camp Lowe, Siskiyou County.

The work involves:
(1) develop water supply and furnish water equipment;
(2) 350 M gallons apply water;
(3) 210 sta. finish roadway;
(4) 14,000 tons crusher run base;
(5) 1550 tons screenings seal coat;
(6) 165 tons paving asphalt seal coat
(7) 65 tons liquid asphalt SC-2 prime coat;
(8) 1300 tons paving asphalt plant mix surfacing;
(9) 24,000 tons minimum aggregate dense graded plant mix surfacing;
(10) 2300 tons minimum aggregate open graded plant mix surfacing
(11) 38 tons liquid asphalt RC-2 tack coat and choker;
(12) 200 tons minimum aggregate choker.

Total bids follow:
(A) Clements & Co., Hayward, $168,879.
(B) E. B. Bishop, Orland, $169,550.50.
(C) Fairey-Hammond, Inc., and Morgon Construction Co., San Francisco, $174,965.50.
(D) Fredrickson Bros., Emeryville, $198,281.50.

Unit prices follow:

	(A)	(B)	(C)	(D)
(1)	$500.00	$400.00	$600.00	$1180.00
(2)	2.00	1.50	1.75	3.54
(3)	10.00	10.00	9.00	14.00
(4)	2.25	2.18	2.85	3.34
(5)	5.00	3.75	5.00	4.72
(6)	27.00	27.00	23.50	28.50
(7)	27.60	27.00	28.50	28.00
(8)	23.00	21.00	22.00	26.00
(9)	3.20	3.61	3.32	3.64
(10)	4.50	3.61	3.40	3.70
(11)	35.00	30.00	28.50	45.00
(12)	8.50	3.00	6.50	4.72

41—GAS, WATER AND OIL PIPE LINES

3/21/46 41
CONTRACT AWARDED
OAKDALE, Stanislaus Co., Calif.—Stanislaus Concrete Products Co., Box 972, Modesto, at (1) $2501.95 and (2) $1205, awarded contracts by the Oakdale Irrigation Board, Oakdale, for construction of pipelines in Improvement District No. 1 (Cooper-Ringer District in Orange Blossom Colony and in District No. 2 (the Gully pipeline in Leitch Colony.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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42— MISC. SUPPLIES AND MATERIALS

3/21/46 ** 42
BIDS WANTED
SAN FRANCISCO.—Bids will be received by the U. S. Department of Agriculture, U. S. Forest Service, 447 Sansome St., San Francisco 11, for materials and equipment as follows:

April 4, 2 P. M.

Bid No. 388: radio transmitting crystals, f.o.b. Del Rosa.

Bid No. 389: 4-burner range, f.o.b. Mount Shasta.

Bid No. 391: junior cafe range, f.o.b. Weaverville.

April 5, 2 P. M.

Bid No. 392: drop inlet covers, f.o.b. Willows.

3/21/46 ** 42
BIDS WANTED
SAN FRANCISCO.—Until April 1, 3 P. M., bids will be received by the Purchaser of Supplies, 270 City Hall, under Bid No. 3512 for furnishing and delivering athletic goods for School Department.

Specifications obtainable from the above office.

3/21/46 ** 42
BIDS WANTED
YAKIMA PROJECT, Washington. —Until April 18, 2 P. M., bids will be received by the U. S. Bureau of Reclacation, Denver, Colo., under Spec. 1244 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Whitstran, Wash., one 20-in. diameter steel pipe for siphon "A" and one 20-in. diameter steel pipe for siphon "B," including 3-in. gate valves, 20-in. sleeve type couplings, 20-in. expansion joints and all necessary bolts, nuts, gaskets, fittings and square packing, but not including sheet packing between supports of siphons and concrete supporting anchors and piers, for Roza Division, Yakima Project. The pipe for siphons "A" and "B" will be installed by the government. No charge for copies of the specifications to prospective bona fide bidders; to others, $1, not returnable.

3/21/46 ** 42
BIDS WANTED
PORTLAND, Ore.—Until March 28, 10:30 A. M., bids will be received by the Bonneville Power Administration, 1300 NE. Union, Portland 8, Ore., for furnishing guy strand, f.o.b. Mansfield, Kennewick and Plymouth, Wash., and/or shipping point.

3/21/46 * * 42
LOW BIDDER
BOULDER CANYON PROJECT.—Allis-Chalmers Mfg. Co., Milwaukee, Wis., at $22,940 submitted low bid to the Bureau of Reclamation, Denver, under Spec. 1224 for furnishing fob cars at shipping point or fob cars at Boulder City, Nev., at the option of the bidder, runners with filler rings and one set spare wearing rings for Boulder power plant, Boulder Canyon Project.

3/21/46 * * 42
BIDS WANTED
BERKELEY, Alameda Co., Calif.—Until April 3, 10 A. M. ,bids will be received by the City of Berkeley, City Hall, Berkeley, for 440 feet of welded steel pipe, all in 20 ft. lengths.

Work involves:
(1) 160 ft. 10-in. welded steel pipe;
(2) 160 ft. 12-inch do;
(3) 120 ft. 16-inch do.

Specifications obtainable from the above office.

3/21/46 * * 42
BIDS OPENED
DESK CHAIR, ETC.
SAN FRANCISCO. U. S. Appraiser's Building.
Desk chair and composition map for Appraiser's Building.
Owner—Federal Works Agency, Public Buildings Administration, office of the district engineer, 838 U. S. Appraiser's Building.
Low Bidder—Harboard Fabricators, St. Louis, $1632 fob St. Louis.
Other bids were:
Beier & Gunderson, $2472.
A. P. Lilly & Co., $4200.

43— MACHINERY AND EQUIPMENT

3/21/46 ** 43
BIDS WANTED
MERCED, Calif.—Until April 1, 8 P. M., bids will be received by the City of Merced, City Hall, for furnishing one single stage sewage ejector, complete with sewage receiver, rotary compressor, motor-driven and automatic controls and approximately 2200 lin. ft. 4-in. asbestos-cement pipe. Alternate bids will be received on heavy duty screenless ejector, wet or dry, pit sewage pump and 2200 lin. ft. 4-in. cast iron pipe.

3/21/46 ** 43
NOTICE OF SALE
WASHINGTON, D. C.—Until March 25 bids will be received by the U. S. Maritime Commission, Washington, D. C., for sale of overage tanker George F. Downey for scrapping. The location of vessel has been changed from the San Francisco Port of Embarkation, Fort Mason, to the Reserve Fleet, Suisun Bay.

Application to inspect the tanker at its new location may be made with Capt. W. Peterson, War Shipping Administration, Ferry Bldg., Martinez. Sealed bids for 7 overage tankers and 7 overage cargo vessels will also be opened at the same time by the U. S. Maritime Commission in Washington. These other vessels are all located on the East Coast. All of them will be sold for scrapping purposes only.

3/21/46 ** 43
BID OPENED
MONTEREY COUNTY, Calif.—The Spears-Wells Machinery Co., 1832 W. 9th St., Oakland, at $15.625 per hour, $17.175 per hour overtime, $152.44 transportation, submitted only bid to the State Division of Highways, L. H. Gibson, district engineer, 50 Higuera St., San Luis Obispo, for rental of one motor-powered heater planer mounted on rubber-tired chassis and including operators, fuels and lubricants, for approximately 8 working days' use on U. S. Highway 101, south of Gonzales.

3/21/46 ** 43
BIDS WANTED
SAN FRANCISCO.—Until March 26, 3 P. M., bids will be received by the State Division of Highways, J. H. Skeggs, district engineer, 2001 Van Ness Ave., San Francisco, for rental of one not less than 105 cu. ft. capacity portable air compressor, gas engine-driven, mounted on pneumatic tired wheels and complete with the following equipment: 2 50-ft. sections of air hose, 1 lightweight pavement breaker, 1 heavy pavement breaker, 1 air tamper, 4 moil point gads and 1 5-in. cutting chisel for approximately four months' use in San Mateo and San Bruno.

Specifications obtainable from the above office.

3/21/46 ** 42
BIDS WANTED
COLUMBIA FALLS, Mont.—Until April 15, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. 1249 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Columbia Falls, Mont., at the option of the bidder, all structural steel, siding, roofing, windows, doors, ventilators, safety flue thimbles, anchor bolts and all other necessary materials, except the crane and the concrete walls, floor and foundations, for one complete steel warehouse building at the Hungry Horse Dam, Hungry Horse Project, Montana. The concrete walls, floors and foundations will be constructed and the building erected by the government. No charge for copies of the specifications to prospective bona fide bidders; to others, 75c, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colo.

3/21/46 ** 43
LOW BIDDERS
BOISE PROJECT, Ida.—Harnischfeger Corp., Milwaukee, Wis., at $6,785 submitted low bid to the Bureau of Reclamation, Denver, under Spec. No. 1176 for furnishing and delivering fob cars at the shipping point or fob cars at Mountain Home, Ida., at the option of the bidder ,one 15-ton, two-motor traveling crane for the government warehouse at the Anderson Ranch Dam, Boise Proj., Idaho. The crane will be installed by the government.

Second and third low bids follow:
Milwaukee Crane & Service Co., Cudahy, Wis., $6985.
Moffett Mfg. Co., Albany, Calif., $8470.

2 MILES GRADING, ETC., LAKE COUNTY

LAKE COUNTY, Cal.—Louis Biasotti & Son, 40 W Clay St., Stockton, at $159,978.78 submitted low bid to the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about two miles grading and surfacing between 1.2 miles north of Rodman Narrow Rd. and Route 15, Lake County.

The work involves:
(1) 23 acres clearing and grubbing;
(2) 168,200 cu. yds. roadway excavation;
(3) 2110 cu. yds. structural excavation;
(4) 977,000 sta. yds. overhaul;
(5) 770 cu. yds. ditch and channel excavation;
(6) 4000 sq. yds. compact original ground;
(7) develop water supply and furnish water equipment;
(8) 3400 M gallons apply water;
(9) 107 sta. finish roadway;
(10) 12,800 cu. yds. , imported base material, type B;
(11) 8000 cu. yds. imported base material, type A;
(12) 41 tons liquid asphalt SC-2 prime coat;
(13) 5900 tons minimum aggregate plant mix surfacing;
(14) 224 tons paving asphalt, 120-150 penetration, pplant mix surfacing;
(15) 71 tons liquid asphalt, SC-4, SC-5 or SC-6 plant mix surfacing;
(16) 11 tons asphalt paint binder;
(17) 40 tons liquid asphalt RORC-5 seal coat;
(18) 480 tons screenings seal coat;
(19) 57 cu. yds. class A portland cement concrete structures;
(20) 3600 lbs. bar reinforcing steel;
(21) 1 each cast steel frame and cover;
(22) 670 cu. yds. sacked portland cement concrete riprap;
(23) 60 each monuments;
(24) 80 each culvert markers and guide posts;
(25) 3.3 miles new property fence;
(26) 8 each drive gates;
(27) 90 lin. ft. 8-in. CMP downdrains, 16-gage;
(28) 730 lin. ft. 18-in. CMP, 16-gage;
(29) 204 lin. ft. 24-in. CMP, 14-gage;
(30) 490 lin. ft. 36-in. CMP, 12-gage;
(31) 140 lin. ft. 48-in. CMP, 10-gage;
(32) 3 each spillway assemblies;
(33) 18 sta. obliterating existing roadway.

Total bids follow:
(A) Louis Biasotti & Son, Stockton, $159,978.78.
(B) Piombo Bros. & Co., San Francisco, $179,509.
(C) M. J. Ruddy & Son, Modesto, $197,910.50.
(D) Fredrickson & Watson Constr. Co., Oakland, $208,408.50.
(E) Elmer J. Warner and Ted Watkins, Stockton, $209,243.
(F) Guerin Bros., South San Francisco, $209,883.50.
(G) A. Teichert & Son, Inc., Sacramento, $219,721.
(H) A. R. McEwen and C. M. Syar, Sacramento, $228,626.
(I) E. W. Elliott Constr. Co., San Francisco, $239,208.90.
(J) Guy F. Atkinson & Co., South San Francisco, $361,165.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)	(H)	(I)	(J)
(1)	$60.00	$25.00	$200.00	$77.00	$50.00	$250.00	$300.00	$80.00	$150.00	$200.00
(2)	.275	.30	.40	.40	.48	.43	.43	.59	.58	.85
(3)	1.75	2.00	1.80	1.75	2.00	2.00	2.25	3.50	2.50	3.00
(4)	.05	.008	.003	.012	.005	.005	.0075	.005	.01	.01
(5)	.75	1.00	1.00	1.20	1.75	1.00	1.50	2.00	1.00	2.00
(6)	.07	.08	.15	.09	.08	.10	.06	.05	.08	.10
(7)	700.00	1000.00	5000.00	1100.00	2700.00	3000.00	3000.00	500.00	1500.00	1400.00
(8)	1.25	1.60	.75	2.00	1.00	2.00	1.50	1.00	1.50	2.75
(9)	10.00	12.00	14.00	12.00	8.00	12.50	8.00	10.00	12.00	12.00
(10)	1.09	1.65	1.70	2.00	1.50	2.25	2.35	2.30	1.75	3.50
(11)	2.10	2.75	1.85	2.15	2.10	2.25	2.50	2.30	2.50	4.00
(12)	29.23	25.00	40.00	25.00	35.00	30.00	25.00	25.00	30.00	28.00
(13)	3.50	4.20	4.80	4.75	4.75	4.25	4.20	4.00	5.00	7.50
(14)	26.23	20.00	20.00	22.50	20.00	20.00	20.00	21.00	27.50	26.00
(15)	26.23	20.00	20.00	27.00	20.00	20.00	21.00	21.00	30.00	26.00
(16)	50.00	33.00	40.00	33.00	40.00	35.00	50.00	40.00	40.00	35.00
(17)	33.45	27.00	40.00	24.00	40.00	30.00	30.00	30.00	40.00	30.00
(18)	8.00	6.00	6.50	7.00	6.50	4.50	6.00	6.00	6.00	12.00
(19)	50.00	50.00	60.00	57.00	50.00	50.00	60.00	60.00	42.50	96.00
(20)	.10	.08	.10	.07	.07	.10	.10	.10	.10	.25
(21)	50.00	75.00	39.00	73.00	50.00	75.00	75.00	70.00	100.00	100.00
(22)	23.00	20.00	19.00	22.00	27.50	18.00	21.00	15.00	20.00	36.00
(23)	4.00	4.00	3.95	4.00	4.00	5.00	5.00	4.00	5.00	7.50
(24)	4.00	4.00	3.95	3.00	3.50	5.00	4.50	4.00	5.00	7.50
(25)	1200.00	1100.00	1300.00	1100.00	800.00	1250.00	1350.00	1000.00	800.00	1500.00
(26)	40.00	24.00	23.00	53.00	35.00	75.00	60.00	50.00	45.00	60.00
(27)	1.40	1.50	1.55	1.50	1.75	1.40	1.20	2.00	1.50	1.75
(28)	2.50	2.40	2.95	2.15	3.00	2.50	2.20	3.00	2.25	3.00
(29)	3.50	3.50	4.50	3.25	3.50	3.50	3.50	4.00	4.10	4.00
(30)	6.25	6.40	8.45	6.15	6.50	6.50	6.50	5.00	6.25	6.25
(31)	9.50	10.40	13.80	10.60	12.00	10.00	11.00	10.00	8.75	14.00
(32)	25.00	24.00	40.00	18.00	25.00	20.00	30.00	16.00	20.00	50.00
(33)	10.00	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	50.00

IMPROVE OLYMPIC BLVD., LOS ANGELES

LOS ANGELES, Calif.—T. E. Sherlock, 1303 W. 40th St., Los Angeles, submitted the low bid to the Los Angeles Board of Public Works, 153 City Hall, Los Angeles, March 6, at (Alt. 1) $299,453.81, (Alt. 2) $235,960.30, (Alt. 3) $302,340.53, (Alt. 4) $238,847.53, for the grading, paving and otherwise improving Olympic Blvd., between Park View and Western Ave.; a cash contract.

The work involves:
(1) lump sum bids for the removal of: 161,000 sq. ft. of pavement and gutter; 25,500 sq. ft. of burning pavement; 16,000 ft. of curb; 91,000 sq. ft. of sidewalk and drives; miscellaneous foundations, walls, trees, etc.;
(2) lump sum for grading:
  (a) for disintegrated granite sub-base, where sub-base is required, 21,500 cu. yds. of excavation and no fill;
  (b) for select material sub-base, where sub-base is required, 22,400 cu. yds. of excavation and no fill;
(3) 72.124 sq. ft. of prepared sub-base;
  (a) per sq. ft. for disintegrated granite sub-base, 8-in. thick;
  (b) per sq. ft. for select material sub-base, 12-in. thick;
(4) 5136 tons asphalt concrete wearing surface, including trench resurfacing;
(5) 13,426 tons asphalt concrete base, including trench resurfacing;
(6) 1142 tons rock and oil roadway;
(7) 85,523 sq. ft. concrete pavement, 8-in. thick;
(8) 1655 sq. ft. concrete pavement, 6-in. thick;
(9) 822 sq. ft. concrete pavement, 4-in. thick;
(10) 148 sq. ft. class C resurfacing;
(11) 1967 lin. ft. type A curb;
(12) 334 lin. ft. type B curb;
(13) 8815 lin. ft. type D curbs;
(14) 2275 lin. ft. monolithic curb;
(15) 44 lin. ft. curb as per plan;
(16) 2275 lin. ft. curb armor;
(17) 8815 lin. ft. curb bar;
(18) 50,303 sq. ft. sidewalk, 3-in. thick
(19) 2810 sq. ft. sidewalk, 4-in. thick;
(20) 11,600 sq. ft. sidewalk, 6-in. thick
(21) 11,897 sq. ft. monolithic sidewalk;
(22) 4435 sq. ft. gutter, 6-in. thick;
(23) 448 sq. ft. gutter, 8-in. thick;
(24) 256 lin. ft. roof drains;
(25) sanitary sewer complete, not including house connections;
(26) 2 manholes, complete;
(27) reconstruct manholes as required, including new frame and cover sets (26 units);
(28) 869 lin. ft. 6-in. house connections;
(29) storm drain and appurtenances, complete;
(30) 9 units reset manhole frame and cover sets;
(31) electrolier lighting system, complete;
(32) electrolier lighting conduit cross- and appurtenant work, complete.

Altrnate No. 1—Items 1, 2a, 3a and 4 to 31, inclusive.

Alternate No. 2—Items 1, 2a, 3a, 4 to 30, inclusive, and item 32.

Alternate No. 3—Items 1, 2b, 3b and 4 to 31, inclusive.

Alternate No. 4—Items 1, 2b, 3b and 4 to 30, inclusive, and item 32.

The total bids were:
(A) T. E. Sherlock, (Alt. 1) $299,453.81, (Alt. 2) $235,960.30, (Alt. 3) $302,340.53, (Alt. 4) $238,847.53.
(B) Warren Southwest, Inc., (Alt. 1) $314,620, (Alt. 2) $243,720, (Alt. 3) $318,089.34, (Alt. 4) $247,189.34.
(C) Griffith Co., (Alt. 1) $326,286.30, (Alt. 2) $252,571.30, (Alt. 3) $329,765.15, (Alt. 4) $256,050.15.
(D) R. A. Wattson Co., (Alt. 1) $336,863.45, (Alt. 2) $263,369.45, (Alt. 3) $338,142.21, (Alt 4) $264,648.21.
(E) engineer's estimate (Alt. 1) $296,580.27, (Alt. 2) $236,740.27, (Alt. 3) $299,453.99, (Alt. 4) $239,613.99.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)
(1)	$15,715.00	$16,000.00	$34,480.00	$25,000.00	$25,000.00
(2a)	30,000.00	22,575.00	25,960.00	30,000.00	23,960.00
(2b)	31,300.00	23,520.00	27,780.00	32,000.00	24,670.00
(3a)	.075	.09	.087	.10	.065
(3b)	.096	.125	.11	.09	.095
(4)	3.85	4.60	3.95	4.50	4.20
(5)	3.85	4.50	3.95	4.40	4.20
(6)	4.00	4.60	3.90	4.40	4.05
(7)	.28	.34	.36	.35	.32
(8)	.25	.32	.28	.40	.25
(9)	.22	.25	.20	.26	.23
(10)	.40	.50	.42	.60	.50
(11)	.65	.70	.64	.75	.60
(12)	.75	.85	.75	1.10	.75
(13)	.80	.87	.78	1.10	.75
(14)	2.00	.85	2.00	1.30	2.00
(15)	2.00	.90	.90	1.50	1.00
(16)	1.75	2.00	1.95	1.80	1.75
(17)	.26	.31	.40	.40	.30
(18)	.19	.21	.19	.20	.195
(19)	.24	.25	.26	.26	.26
(20)	.35	.35	.36	.40	.37
(21)	.24	.40	.31	.35	.32
(22)	.30	.43	.38	.50	.42
(23)	.40	.48	.50	.90	.54
(24)	358.00	500.00	460.00	260.00	300.00
(25)	735.00	900.00	610.00	670.00	600.00
(26)	430.00	500.00	440.00	391.00	300.00
(27)	1,740.00	1,700.00	1,740.00	1,585.00	1,400.00
(28)	3.55	4.25	1.90	3.22	2.30
(29)	34,686.00	26,000.00	25,000.00	30,288.00	25,350.00
(30)	20.00	30.00	12.00	15.00	15.00
(31)	68,393.00	76,000.00	79,300.00	76,000.00	62,200.00
(32)	4,900.00	5,100.00	5,585.00	2,306.00	2,360.00

OVERHEAD CROSSING, LOS ANGELES

LOS ANGELES, Calif.—As previously reported, Oberg Bros., 401 W. Redondo Blvd., Inglewood, at $264,297.30, submitted low bid to G. T. McCoy, state highway engineer, 808 State Bldg., Los Angeles, for the construction of a structural steel overhead crossing with graded approaches, surfaced with asphalt concrete, on Anaheim St. approach road to Terminal Island Freeway, at Nicholson Ave., Los Angeles, VII-LA-Terminal Island. This is a national defense contract.

Work involves:
(1) 10 c.y. remove concrete;
(2) 5 acres clear and grubb;
(3) 100 c.y. rdwy. excav.;
(4) 3,100 c.y. struc. excav.;
(5) 15,000 l.f. vertical holes sand drains;
(6) 2,000 tons sand backfill, sand drains;
(7) 75,000 tons import borrow;
(8) 3,700 tons import subgrade material;
(9) 3,850 sq. yds. prepare Class C subgrade;
(10) develop water supply and furnish water equipment;
(11) 700 M. gals. apply water;
(12) finish roadway;
(13) 1,560 tons asph. concrete;
(14) 2 tons asph. emulsion, seal coat
(15) 1,468 c.y. Class A portland cement conc. struc.;
(16) 682,000 lbs. furnish struc. steel;
(17) 682,000 lbs. erect do;
(18) 12,200 l.f. furnish Douglas fir piling;
(19) 244 each drive timber piles;
(20) 1,325 l.f. furnish steel piling;
(21) 20 each drive steel piles;
(22) 10 each steel pile splices;
(23) 210 c.y. portland cement conc. curbs and gutters;
(24) 2,900 l.f. chain link fence;
(25) 350 l.f. 48-in. reinf. conc. pipe, standard strength;
(26) 80 l.f. 48-in. reinf. concrete pipe 2000-D;
(27) 200 l.f. 15-in. plain conc. pipe;
(28) 188,000 lbs. furnish bar reinf. steel;
(29) 188,000 lbs. place do;
(30) 3,200 lbs. misc. iron and steel;
(31) 3,000 each Mesembryanthemum Edule cuttings;
(32) 1,201 l.f. steel railing;
(33) electrical equipment;
(34) 124 each 9.5 ft. 16 gage stringers
(35) 44 each 9.5 ft. 14 gage do;
(36) 12 each, 9.5 ft. 12 gage do;
(37) 7 each 5.2 ft. 16 gage spacers;
(38) 75 each 9.6 ft. 14 gage do;
(39) 5 each 5.2 ft. 16 gage bottom spacers;
(40) 8 each 96 ft. 14 gage do;
(41) 11 each 9.5 ft. 8 gage stringer stiffeners;
(42) 254 l.f. 8 gage column;
(43) 12 each 12 gage column caps;
(44) 16 each 14 gage column splicers
(45) 26 each 16x16-in. 1 gage bearing plates;
(46) 16 each 20x20-in. 1 gage do;
(47) misc. items of work.

The total bids were:
(A) Oberg Bros, $264,297.30.
(B) Macco Construction Co., Clearwater, $267,333.10.
(C) Griffith Co., Los Angeles, $269,224.85.
(D) Guy F. Atkinson Co., Long Beach, $282,563.
(E) James I. Barnes Construction Co., Santa Monica, $297,999.75.
(F) Norman I. Fadel, North Hollywood, $331,216.55.
(G) Contracting Engineers Co., Los Angeles, $333,362.30.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$ 10.00	$ 6.00	$ 6.00	$ 10.00	$ 6.00	$ 15.00	$ 20.00
(2)	200.00	100.00	100.00	60.00	110.00	200.00	300.00
(3)	1.00	.70	.60	1.00	1.00	1.00	3.00
(4)	5.00	2.80	2.40	2.50	3.50	4.00	3.00
(5)	1.00	.85	1.08	1.00	1.00	1.10	.70
(6)	2.00	1.50	2.60	3.00	2.00	2.75	2.00
(7)	.50	.54	.47	.59	.59	.75	.60
(8)	1.60	1.70	2.00	2.00	2.20	2.00	2.00
(9)	.10	.10	.13	.20	.14	.10	.20
(10)	1000.00	400.00	500.00	1500.00	3000.00	3500.00	2500.00
(11)	2.00	1.50	1.50	1.00	2.20	1.50	2.00
(12)	200.00	1000.00	250.00	750.00	2500.00	1000.00	1000.00
(13)	4.00	3.71	3.70	4.50	4.65	6.00	4.00
(14)	30.00	50.00	44.00	40.00	25.00	40.00	50.00
(15)	34.00	40.00	32.70	33.00	33.00	37.50	57.00
(16)	.08	.08	.093	.095	.095	.095	.085
(17)	.02	.02	.027	.025	.025	.035	.03
(18)	.45	.45	.56	.50	.55	.80	1.00
(19)	25.00	27.00	23.50	25.00	30.00	25.00	35.00
(20)	2.00	2.50	2.25	2.20	2.75	3.50	3.50
(21)	40.00	50.00	48.00	40.00	61.00	23.00	50.00
(22)	20.00	25.00	15.00	20.00	35.00	15.00	20.00
(23)	25.00	25.00	21.50	22.00	31.00	35.00	20.00
(24)	1.40	1.30	1.60	1.60	1.55	1.50	1.10
(25)	15.00	17.00	10.20	10.00	13.50	20.00	18.00
(26)	20.00	20.00	17.00	25.00	15.50	23.00	25.00
(27)	2.00	4.00	1.60	1.50	3.50	3.00	2.50
(28)	.04	.04	.047	.05	.05	.05	.05
(29)	.02	.02	.018	.015	.025	.02	.02
(30)	.30	.25	.20	.20	.22	.20	.50
(31)	.04	.04	.09	.04	.05	.10	.10
(32)	4.30	4.50	5.40	5.00	5.50	7.00	8.00
(33)	2800.00	3100.00	2500.00	4000.00	4000.00	2900.00	2500.00
(34)	10.00	10.00	14.00	10.00	15.50	8.60	10.00
(35)	11.00	13.00	16.30	11.25	16.50	9.66	12.00
(36)	13.00	17.00	21.00	14.25	19.00	12.05	16.00
(37)	5.00	3.50	5.60	5.00	7.00	4.06	4.40
(38)	10.00	9.00	12.50	9.00	14.50	7.65	9.00
(39)	4.00	3.00	5.00	5.00	7.00	3.80	4.00
(40)	9.00	10.00	11.60	8.50	14.50	7.25	9.00
(41)	5.00	4.00	5.00	4.00	8.00	3.70	4.00
(42)	2.00	2.00	2.30	2.00	2.75	2.20	1.50
(43)	2.00	1.00	1.00	2.00	3.00	1.66	1.00
(44)	2.00	1.00	.90	1.50	3.00	1.50	1.00
(45)	4.00	3.00	3.70	3.50	6.00	2.92	3.00
(46)	5.00	5.00	5.20	5.00	7.00	3.64	4.00
(47)	2000.00	1500.00	1200.00	2841.00	2000.00	2000.00	7700.00

CLAY PRODUCTS
Specify QUALITY Materials
N. CLARK & SONS
10th & Division Streets - SAN FRANCISCO - KLondike 2-0462
Main Office & Factory, 401 Pacific Ave., Alameda - LAkehurst 2-3377

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS Applications

SAN FRANCISCO

CLASS "B" GARAGE (3-story), $175,000; N Turk 137.6 Leavenworth; owner, Yellow Cab Co, 245 Turk St; builder, not let.

FLATS (2-story frame), $25,000; SW 18th Ave and Taraval; owner, Syl Moise, prem; builder, Cramer Co, 345 Vermont St.

OFFICE (2-story frame), $21,460; N McLea Court 85 E 9th St; owners, E and Opal Smith, 85 Post St; builder, Rademann-Giusto, 40 Ringold; architect, Hertzka & Knowles, 85 Post St.

ALTER AUTO SALES BLDG., $13,500; SW Market and Dolores; owner, S & H Motors Co, Market and Dolores; builder, H E Rahlmann Co, 251 Kearny St.

FLATS (2-story frame) (4), $9200 each; NE 34th Ave and Judah; E 34th Ave 25, 50, 75 N Judah; owner, Atlas Realty Co, 1500 Judah; builder, Pacific Coast Construction Co, 1500 Judah.

DWELLING (1-story frame), $6300; W 45th Ave 300 S Pacheco; owner and builder, Claude T Lindsay Co, 824 Taraval.

DWELLINGS (1-story frame) (7), $5800 each; S Lawton 32.6, 57.6, 82.6 W 45th Ave; SW Lawton and 44th Ave; W 44th Ave 25, 50, 75 S Lawton; owner and builder, Marvel Home Builders, 1815 42nd Ave.

DWELLING (1-story frame), $5750; NW Kirkham and 40th Ave; owner and builder, Bernard L Lewis, 1466 Waller St.

DWELLINGS (1-story frame) (6), $5500 each; E Brookdale Ave 150 S Blythdale Ave; E Brookdale 175, 200, 225, 250, 275 S Blythdale; owner and builder, The Ruegg Co, 604 Russ Bldg.

DWELLINGS (1-story frame) (3), $5500 each; W 40th Ave 25, 50, 75 N Kirkham; owner and builder, Bernard L Lewis, 1466 Waller St.

DWELLINGS (1-story frame) (4), $5000 each; W Moscow 175, 225, 250, 275 S France; owner, Stephen M Kovacik, 730 Moscow; builder, Modern Home Builders, 4103 24th St.

DWELLING (1-story frame), $5000; W St Charles 160 N Palmetto; owner, H Wohlken, c/o contractor; builder, James C Deuerner & Son, 63 Belle Ave.

DWELLINGS (1-story frame) (5), $4000 each; W Bright 275 N Randolph; W Head 150, 200, 225, 250 N Randolph; owner, Atlas Realty Co, 1500 Judah; builder, Pacific Coast Construction, 1500 Judah.

ALTER STOREROOM and DWELLING, $4000; 2441 Folsom St; owner, Golden Gate Roofing Co, premises; day work.

ALTER CANNERY, $3500; end of Pier 92; owner, J D Packing Co, Pier 92; builder, Wellnitz & De Narde, 316 6th St.

ALTER DWELLING, $2500; 3814 Fulton St; owner, Ada M Martin, c/o contractor; builder, Fred J Early Jr, 1095 Folsom.

FOOD STORE (1-story frame), $2300; E Iowa 215 N Army; owner, Chas R DeArman, 1520 Webster; builder, not let.

STORAGE BLDG. (1-story frame), $2000; E Mission 90 S Allison; owner and builder, A Argenti, 789 Athens St.

ALTER COCKTAIL BAR, $1000; 447 Powell St; owner, Yankee Doodle, prem; builder, Wellnitz & DeNarde, 316 6th St.

ALTER DWELLING, $950; 11 Sylvan Dr; owner and builder, Frank C Dice, premises.

ALTER DWELLING, $940; 237 Downey St; owner, Katherine Marcisco, prem; builder, Coast Construction Co, 2172 Market St.

RETAINING WALL, $900; 276 Van Ness Ave; owner, E A Norwitt, 1201 9th Ave; builder, R H Hansen, 1265 9th Ave.

ALTER AUTO SERVICE BLDG., $800; 1645 California St; owner and builder, Geo Daniels, premises.

ALTER FLATS and LUNCHROOM, $700; 959 Valencia St; owner, Rosemary Markland, premises; builder, not let.

ELECTRIC SIGN, $520; 441 Post St; owner, Bank of America, premises; builder, Electrical Products Corp, 910 Harrison St.

ALTER APARTMENTS, $500; 206 27th St; owner, Anthony Olivero, 1620 Dolores St; day work.

ALTER FLATS, $500; 80 Pierce St; owner and builder, Andrew Backels, premises.

ALTER FLATS, $500; 3820 Fulton St; owner, Mrs F Wiseman, premises; builder, S F Dal Porto, 4327 Geary Blvd.

BUILDING PERMITS Granted

SAN FRANCISCO

MARCH 19, 1946

DWELLING, 1-story frame, $6000; W Pierce 120 S Union; owner, T I Strand; plans by owner.

DWELLINGS, two 1-story frame, $5500 each; E 43rd Ave 150, 175 N Taraval; owner and builder, Bernard L Lewis, 1466 Waller St.

CHANGE floor layout of offices, $2,000; 717 Market St; owner, The Morris Plan Co; architect, Bliss & Fairweather, 582 Market St; contractor, G P W Jensen & Sons, 320 Market St.

SERVICE station, $4500; NE San Bruno 75 W Woolsey; owner, Mrs Anna Stagnaro; contractor, John Munson, 140 South Park.

SERVICE STATION, $4500; NE Cor Silver and Boylston; owner, Chas K Mang; contractor, John Munson.

DWELLINGS, two 1-story frame, $5500 each; S Hale 48.6, 72.6 East Boylston; owner and builder, John Munson, plans by B K Dobkowitz, 425 Monterey Blvd.

SERVICE Station, $4000; Cor Mission and Morse; owner, Standard Oil Co; contractor, John Munson, 140 South Park.

INSTALL mezzanine over offices in office bldg, $10,000; 600 Market St; owner, Schwabacher & Co; architect, Hyman, Appleton & Wolford, 68 Post St; contractor, Jacks and Irvine, 620 Market St.

STUCCO front and hang garage doors of dwelling, $700; 958-60-62 Hampshire St; owner, Joe Inferrera; contractor, Dan Walsh, 658 3rd Ave.

INSTALL new front of shop, $5000; 39 Stockton St; owner, N Prosser; contractor, K Beal Store Equip Co, 3275 Sa nBruno Ave.

INSTALL new door and glass front of store, $500; 699 Market St; owner, Dr H Ross; contractor, K Beal Store Equipment Co, 3275 San-Bruno Avenue.

INSTALL toilet, storeroom, social hall and front entrance to basement of dwelling, $750; 2514 26th Ave; owner, Lloyd C White.

WAREHOUSE and office, Class B, $175,000; SE Cor 17th and Harrison Sts; owner, Pacific Coast Aggregates, Inc; architect, H A Thomsen, Jr and Aleck Wilson, 315 Montgomery St; engineer, John J Gould, Financial Center Building; contractor, Dinwiddie Constr Co, Crocker Bldg.

GAS Station, steel, $15,000; NE Cor Fell and Van Ness Ave; owner and builder, Standard Oil Co.

REMOVE plate glass and tile, replace with stucco, glass brick for use as bar, $850; 309 Courtland; owner, Paul Duval; contractor, D E McDonald, 631 Buena Vista, Alameda.

TURN bldg around and move 100 ft, $500; SE Jerrold Ave and Barneveld St; owner, Hawley Forge and Mfg Co; contractor, D J and T Sullivan, Inc, 1942 Folsom St.

CONSTRUCT bathroom for dwelling, $750; 1495 19th Ave; owner, Mr and Mrs Friedman; contractor, Larus Erlendson, 400 Douglass St.

DWELLINGS, 18, 1-story frame, $4,000 each; N Thrift St 125, 150, 175, 200, 225, 250, 275, 300, 325 W Plymouth Ave; N Thrift St 75, 100, 350, 375, 400 425, 450, 475, 500 W Plymouth Ave; owner, Atlas Realty Co; plans by owner; contractor, Pacific Coast Constr Co, 1500 Judah Street.

DWELLINGS, two, 1-story frame, $6800 each; N Sagamore 250, 275 E Capitol; owner and builder, A Nelson, 242 Ocean Ave.

CONSTRUCT elevator shaft for a dwelling, $2000; 50 Laurel St; owner Frank B King; architect, Bakewell and Weihe, 251 Kearny St; contractor, Chas Stockholm and Sons, 391 Sutter St.

PLACE plasterboard, build stall shower, toilet and sink in room in basement of dwelling, $800; 2439 Bay St; owner, Mrs Hemstreet; contractor, W C Savage, 2358 Fillmore St.

ELECTRIC sign, double face, $800, V shape electric sign, $2300; 879 Market St; owner, Edison Bros Stores, lessee; architect, W Emil Forman, 315 Wahsington Ave, St Louis Mo; engineer, Carl Replogle, Oakland; contractor, Architectural Porcelain Constructors ,461 Market St.

STEEL metal fabrication bldg, $7,000; S 18th St bet Tennessee and Minnesota Sts; owner, E G Ruber & Son; contractor, same, 87 Rockwood St.

ALTER store, $700,000; SW corner Geary and Stockton; owner, I Magnin Co; architect, Timothy L Pflueger, 580 Market St; engineer, Huber & Knapik, 1 Montgomery; contractor, Dinwiddie Constr Co, 210 Crocker Bldg.

STORE, Class A, $1,500,000; N O'Farrell 188 W Stockton; owner, O'Connor Moffatt Co; architect, W P Day & Associates, Financial Center Bldg; contractor, Dinwiddle Constr Co, 210 Crocker Bldg.

DWELLINGS, two, 1-story fr, $5,000 each; W Bright 254, 304 S of Randolph; owner and builder, I Baldwinson, 801 Rudolph St.

DWELLINGS, two 2-story fr, $10,000 each; NE cor 23rd Ave and Judah; S Judah St 82.6 E 17th; owner and builder, Henry Doelger Bldr, Inc, 320 Judah St.

PARTITION room and install bath room in basement of dwelling, $500 3211 Baker St; owner Louis A Colton; contractor, Arthur J Stahl, 1085 Monadnock Bldg.

REPAIR fire damage in dwelling, $600; 2532 Kirkham St; owner, W Swanton; contractor, Fred J Early Jr Co, 369 Pine St.

ALTER restaurant and tavern, $4,000; 641 Vallejo St; owner, V Gadellini; contractor, Carlsen and Franz, 50 Oak Grove St.

DWELLING, 1-story frame, $6800; W 41st Ave 150 N Judah; owner and builder, Robt A Krohn, 229 10th Ave.

DWELLING, 1-story fr, $7500; S Gilman Ave 175 W Griffith; owner, Frank and Betty Gilbert; contractor, Arthur J Stahl, 1085 Monadnock Bldg.

LOADING dock, 1-story frame, $6,500; E Loomis 250 N Oakdale Ave; owner, A R Reid Co; contractor, Cramer Co, 345 Vermont St.

CHANGE front of store, $982; 1050 Taraval St; owner, Harry Rabinovich; contractor, Hill & Smale, 586 6th Ave.

CONVERT basement for storage & work rooms in dwelling, $1000; 2807 Steiner St; owner, Frank L Anderson.

REMODEL store, $2000; 2794 California St; owner, Amelia Casassa; plans by C M Baker, 155 Montgomery St; contractor, L Murer, 1274 Quesada Ave.

ALTER store front, $700; 616 Kearny St; owner, Y W Wong; contractor, Larry P Lee, 1104 Stockton St.

CONSTRUCT play room and bath in home, $950; 11 Sylvan Dr; owner and contractor, Frank C Dice.

OAKLAND

SERVICE STATION (1-story steel), $10,500; 1208 54th Ave; owner, S W Galloway, 2416 8th Ave; builder, American Welding Co, 851 73rd Ave.

STABLE (1-story), $1000; 3311 Rubin Dr; owner, Edgar Hedges, 3311 Rubin Dr; builder, Johnson & Cameron, 1296 98th Ave.

ADDITION, $1010; 23 Ramona St; owner, Fred Blatt, 23 Ramona St; builder, Dave Overturf, 516 San Pablo Ave, Albany.

INCINERATOR (steel), $5586; 8451 San Leandro St; owner, Stolte Co, 8451 San Leandro St; builder, Rees Blow Pipe Co, 340 7th St, San Francisco.

STORE (1-story), $12,000; 10531-35 Acalamen Dr; owner and builder, Dan Nelson, 3125 Olive Ave, Fresno.

STORE BUILDING (1-story (concrete), $10,000; 427 2nd St; owner, Farmers' Produce Co; builder, Stolte, Inc, 726 Bank of America Bldg.

ALTER and ADD, $15,000; 5277 Foothill Blvd; owner, Merchants' National Realty, 1 Powell St, San Francisco; builder, Capital Co, 1 Powell St, San Francisco.

BUILDING (1-story concrete), $1000; 6000 Telegraph Ave; owner, Helen M Gartner, 1110 53rd St; builder, U L Groves, 2330 Grove St.

DWELLING (1-story 3-room), $3000; 9835 MacArthur Blvd; owner, T Torrano, 4100 Shafter Ave; builder, J F Lougrery, 705 31st St.

DWELLING (1-story 5-room), $6000; 4263 35th Ave; owner and builder, William Watson, 4750 Meldon Ave.

ALTERATIONS, $656; 706 Franklin St; owner, E Ong, 706 Franklin St; builder, Curtola Co.

DWELLING (1-story 5-room), $4000; 983 70th Ave; owner, Alameda Homes Co, 5909 E 14th St; builder, H S Pulliam, 5909 E 14th St.

DWELLING (1-story 4-room), $4000; 9712 D St; owner, Alameda Homes Co, 5909 E 14th St; builder, H S Pulliam, 5909 E 14th St.

ALTER and ADD, $2500; 9820 B St; owner and builder, Manuel Figueiro, 1939 42nd Ave.

ALTERATIONS, $10,000; 1010 Washington St; owners, M T and J H Cherin, 1010 Washington St; builder, Henry Brown, 1387 E 32nd St; architect, E T Foulkes, 357 12th St.

ALTERATIONS, $5000; 1100 78th Ave; owner, Parr Soap Co, 1100 78th Ave; builder, M Drinkward, 7801 Outlook Ave.

ALTERATIONS, $700; 411 19th St; owner, Dr W Littlejohn, 411 19th St; builder, Joe Vila, 414 Modoc Ave.

REPAIRS, $500; 1468 44th Ave; owner and builder, J G Garcia, 1916 East 38th St.

NORTH SACRAMENTO

DWELLING, $2000; Lots 22 and 23 Blk 20, Sub 9; owner and builder, E R Swan.

DWELLING, $5000; 212 Empress St; ownre and builder C C Ondler.

DWELLING, $1500; 400 E El Camino; owner, Gonsalves; contractor, R C Lyon.

COMMERCIAL bldg, $7000; 527 Traction St; owner and builder, Walter Dunn.

REMODEL bank bldg, $6500; 1931 Del Paso Blvd; owner, Bank of America; contractor, J F Butts.

DWELLING, $4000; 226 S 9th St; owner, L B Alexander; contractor, L B Brown.

COMMERCIAL bldg, $1000; East El Camino; owner and builder, F E Armitage.

DWELLING, $2000; 321 Dixieanne Avenue; owner and builder, A W Sweet.

COMMERCIAL bldg, $8100; 1217 Del Paso Blvd; owner, Cameron Pontiac Co; contractor, J A Saunders.

DWELLING, $3000; 301 Empress; owner and builder, Ted Schurr.

SACRAMENTO

DWELLING, 4-room, cement stucco, frame, wood shingles, $5000; 5765 2nd Ave; owner, Chas Adair; contractor, Markwart Co.

DWELLING, 5-room stucco, frame, wood shingle, $5950; 1807 53rd St; owner, R C Bailey; contractor, Markwart Co.

WAREHOUSE, f rame and corru iron, 50x80-ft, $5000 1815 14th St; owner and builder, C J Hopkinson.

DWELLING, 5-room frame, stucco, wood shingle, $5000; 5218 G St; owner, Mac Sullivan; contractor, C C Ruby.

DWELLING, 5-room frame, stucco, wood shingle $5000; 4908 13th Ave; owner, E Rhoades; contractor, C C Ruby.

DWELLING, 5-room frame, stucco, wood shingle, $5000; 635 Jones Way owner, James Mangum; contractor C C Ruby.

DWELLING, 6-room, frame, stucco, wood shingle, $6000; 3409 Santa Cruz Way; owner and builder, V W Sleuter.

DWELLING, 5-room frame, stucco, wood shingle, $4850; 1332 58th St; owner and builder, Jack W McMahon.

SACRAMENTO COUNTY

COURT, 7 units, 3-room each, frame $12,000; Lot 48 Robla Acres; owner and builder, John R Evans.

DWELLINGS, six 3-room, cement block, $6000; Lots 1 and 2 Sub No 1, Natoma ppty; owner and builder, W L Boxier.

ENLARGE trailer court, frame, $4,000; Lots 10 and 11 J W Bird Sub Blk 55 N Sacramento Sub No 1; owner, Clarence Schneider; contractor, Gabriel Fetch.

MOTEL, office bldg, grocery, drive-in market, tile and brick constr, $160,000; Ptn Sec 21, Twp 8, Colonial Heights; owner and builder H C Houtman.

RESTAURANT, and six cabins, fr, $7000; 4190 Franklin Blvd; owner and builder, W O Wheeler.

DWELLING, 4-room frame, $1800; W side WPRR Sec 31 T8, R5E; owner and builder, Bernie Ball.

LIVING quarters and dog kennels, frame, $5000; Lot 28, Haggin Park; owner and builder, W W Isham.

DWELLING, 4-rm frame and stucco, $2500; Ptn Lot 2 Blk 2, Hagginwood Sub No 5; owner and builder James Deblazio.

DWELLING, 6-room frame and garage, $6000; ptn S 130 ft of N 603 west of cafe; owner and builder, J N Bartlett.

DWELLING and office bldg, frame and stucco, $3000; Lot 9 Blk 21, N Sacramento Sub No 8; owner, J R Schmitz; contractor, Dykes & Dykes.

DWELLINGS, two 4-room frame, $3000; Lot 20 Blk 23, North Sacramento Sub No 3; owner and builder, J C Shackelford.

DWELLING, 4-room, $1200; Lots 10 and 11 Blk 11, Del Paso Hgts; owner and builder, Lindsay Thornton.

DWELLINGS, two 5-room, and garage, frame, $5500; Lots 10 and 11 Blk 8, Vina Vista Sub; owner and builder, H Nelson.

BURLINGAME

ALTER, move and repair 9 apts, $32,000; Bayshore Highway; owner, K Colin; contractor, Wm Smith, 525 Costa Rica, San Mateo.

GARAGE, $35,000; Lots 4 and 5 Blk 14, California Drive; owner, H Anderson and H Gilardi, premises; contractor, F H Stri...........Bldg Co 672 Paris St, San Francisco.

REPAIR garage, $1250; 747 El Camino Real; owner, Mrs Edith B Lindsey, prem; contractor, R A Baker, Box 154, Lomita Park.

PUBLIC WORKS, $45,000; Lot 10 Blk 5, Primore Road; owner, City of Burlingame, Park Road.

DEMOLISH apt house, $500; 2 Park Rd; owner, C W Gray Co, Park Road; contractor, Dolan Wrecking Co, 6939 Mission St, Daly City.

ADD apt, $5000; 1120 El Camino Real owner and builder, Geo Trollman, premises.

COMPLETE rear of apts, $5000; 1119 El Camino Real; owner and contractor, Geo A Cole, premises.

APT bldg, $27,000; Lot 28 Blk 10, Chula Vista; owner, Frank Ross, Broadway; contractor, W O Nicolaides & Son, 218 Peninsula Ave, San Mateo.

SHOP bldg, $9000; Broadway; owner, Lauder Bros, prem; contractor, W O Nicolaides & Son, 218 Peninsular Ave, San Mateo.

ADD to apt house, $16,000; 1452 Bellevue; owner and builder, T A Svorinia, premises.

RESIDENCE, $6000; Lot 3 Blk 50, El Camino; owner, Mrs A Heinz, 1471 El Camino; contractor, R E Broderick, 130 12th Ave, San Mateo.

ALTER residence, $1000; Ptn Lot 13 Blk 7, Oak Grove; owner, G Dematei, 1401 Oak Grove; contractor, J Harris, 315 Raneleigh Ave, San Mateo.

ADDN to garage, $400; 1408 El Camino; owner and builder, John Sorensen, 1408 El Camino Real.

ADD room, $500; 1547 Columbus; owner and builder, A J Anderson, premises.

SHOP bldg, $10,000; California Dr and Sanchez; owner, David Nicolaides, 115 Highland; contractor, W O Nicolaides & Son, 218 Peninsular Ave.

STORE bldg, $18,000; Lot 13 Blk 5, Primrose Rd; owner, Boston Inv Co, 23 Hars St, S F; contractor, Wm oHrstmeyer Co, 23 Mars St, San Francisco.

SAN MATEO COUNTY Unincorporated

ADDN to residence, $1500; Lot 1 Blk 30, San Benito Ave, Visitacion; owner and builder, Daisy Standard San Benito Ave, Brisbane.

ADDITION, $2000; Lots 1 and 8 Blk 10, Princeton; owner and contractor, E Souter, P O Box 123, Moss Beach.

RESIDENCE, $3500; Lot 3 Blk 3, Sharp Park Acres; owner and builder, Leigh Aldrich.

COTTAGE, $3500 Lots 3 and 4 Lincoln Way, SkyLonda; owner and builder, John and Lillian Thomson, 7301 Mission St, Colma.

APTS, $18,000; Lots E and F Blk 23, Chadbourne Ave, Millbrae Villa Tract; owner, W V Lawrence, 721 Chadbourne, Millbrae; contractor, E R Chenier, 46-A N Ellsworth, San Mateo.

RESIDENCE, frame, $8000; Lot 21 Blk 3, Stanford Ave near College, University Park; owner, Robt D Fisher, 332 El Camina Real, Atherton; contractor, Lindley Constr Co, 332 El Camin Real, Atherton; plans by builder.

ALTER garage and dining room exteriors, $10,000; Lots 10 and 11 San Gregorio; owner, W C Swigert, Pescadero; contractor, A H Oppen, Half Moon Bay.

ADDN two bedrooms and bath, $5,000; 1290 Hermosa Place, Lot 9 Brookdell No 2; owner and contractor, H C Raizer, 1290 Hermosa Place, Menlo Park.

FACTORY, type IV, $18,000; Dumbarton Lane, North Fair Oaks; owner, Benbon Mfg Co, Menlo Pk; contractor, Empire Constr Co ,344 Harriet St, San Francisco.

RESIDENCE, $2500; Lot 11 Blk 502, Highlands of Emerald Lake; owner and builder, John E Peterson, Rte 1, Box 73-B, San Jose.

RESIDENCE, $8500; Ptn Lot 24 Alameda de las Pulgas, Tobin Tract; owner, Jas A McKellar, 1601 Cypress St; contractor, J W Cabbage, Palo Alto; architect, Guy T Rosebrook, San Leandro.

RESIDENCES, five, $6000 each; ptns Lot 5 Blk 5, Resub of 8, lots 3, 4, and 5 Blk 5, Friendly Acres No 2; owner and builder, Harry L Sandow, 2171 32nd Ave, San Francisco; architect, Guy L Rosebrook, 1701 San Leandro Blvd, San Leandro.

PALO ALTO

ALTER residence, $1500; 602 Hawthorne Ave; owner, Ernest Best, 602 Hawthorne Ave.

RESIDENCE and garage, $12,500; 322 Hanford Ave; owner, C A Kinkle, Watsonville.

RESIDENCE and garage, $16,000; 100 Island Drive; owner, Ronald Williams, Mtn View; contractor, Emil Steinegger, 302 Myrtle St, Redwood City; plans by W H Schwafel, 446 Emerson St.

RESIDENCE, $9500; 1410 Bryant St; owner, John Brust, Rt 1, Box 184; contractor, J W Gloe, Burlingame.

ALTER garage, $500; 600 Homer Ave owner, G W Harms, prem.

SAN MATEO

STORE, $6000; 4070 S El Camino Real; owner and bulider, Harvey Oswell.

OFFICES, $100,000; 1830 2nd Ave; owners, J B and Gerald L Snell; builder, Barrett & Hilp, 918 Harrison St, San Francisco.

DUPLEX, $15,000; 140 22nd Ave; owner and builder, L Milani.

ALTER DWELLING, $600; 72 S Idaho; owner and builder, Tom Humphrey, 721 S Idaho.

ALTER DWELLING, $95; 202 Villa Terrace; owner and builder, W E Thompson.

GARAGE, $750; 100 Kingston; owner and builder, Richard R Campbell.

SHOP, $5000; 1405-07 B St; owner and builder, William Blanert.

DWELLING, $16,000; Lot 1, Crescent Ave; owner and builder, Oscar L Cavanaugh, 432 Occidental Ave.

DWELLING, $14,000; Lot 6, Clark Place; owner and bulider, Oscar L Cavanaugh, 432 Occidental Ave.

DWELLING, $16,000; Lot 8, Clark Dr; owner and builder, Oscar L Cavanaugh, 432 Occidental Ave.

DWELLING, $14,000; Lot 7, Clark Dr; owner and builder, Oscar L Cavanaugh, 432 Occidental Ave.

ALTER DWELLING, $1000; 57 W Poplar; owner, Mrs Spencer Grant; builder, Swinerton & Walberg Co, 225 Bush St, San Francisco.

GARAGE, $800; 15 S Idaho; owner and builder, Henry H Wada.

STORE, $8000; Lot 6, El Camino Real; owner, Francis Kerr; builder, Conway & Culligan, Monadnock Bldg., San Francisco.

STORE, $20,000; Lots 8, 9, 10, Block 1, El Camino Real; owner and builder, H H MacDonald, 2281 El Camino Real.

STORE, $30,000; Lot 23, 2nd Ave; owner and builder, P W Brubaker.

ADD TO OFFICE, 1000; Lot 214, 31st Ave and El Camino Real; owner and builder, D D Bohannon, 859 San Mateo Dr.

DWELLING, $8000; 211 40th Ave; owner and builder, Wm C Smith.

DWELLING, $8000; 275 40th Ave; owner and builder, Wm C Smith.

DWELLING, $8000; 4033 Bayview; owner, Frank A McMillan; builder, Wm C Smith.

DWELLING, $13,000; 503 Iowa; owner and builder, T J Martin, 522 Princeton St.

DWELLING, $13,000; 449 Iowa; owner and builder, T J Martin.

DWELLING, $13,000; 509 Iowa; owner and builder, T J Martin.

ALTER DWELLING, $700; 430 22nd Ave; owner and builder, Stanley L Taylor.

GARAGE, $150; 526 W Poplar; owner and builder, R H Van Troorm.

MOVE BUILDING, $1800; 869 Idaho to 1001 Peninsula; owner, C McDonald; builder, Hansen Bros.

GRANDSTAND, $1800; Pacific Blvd, Baymeadows; owner, Mrs Palmer Chen; builder, Wellnitz & DeNarde, 2207 San Bruno Ave, San Francisco.

BUILDING CONTRACTS

ALAMEDA COUNTY

Portion Lots 11 and 12, Block 3, Map Boulevard Park, Oakland, Calif.
Seven-unit apartment building.
Owners—Harry and Bertha Lempke.
Contractor—Roy E. Johnson, 3930 Nevil St., Oakland.
Recorded—March 20, 1946.
Payments—Contractor to receive 10% of total cost of building.

SAN FRANCISCO

CONSTRUCT Wall and acoustical treatment of ceiling.
140 NEW MONTGOMERY ST.
Owner—The Pacific Tel & Tel Co.
Architect—Not Given.
Contractor—Wellnitz & De Narde.
Filed and Dated, ...
Payments not given.
TOTAL COST, $1117.00
Spec. filed Feb 15, 1946.

RECONDITION TRACK
CARROLL AV bet E 3rd and E Jennings Streets.
Owner—Southern Pacific Company.
Contractor—A D Schader.
Filed and Dated, ...
Payments not given.
COST, $4,326, Etc.

Completion Notices

SAN FRANCISCO

Recorded Accepted
Mar 20, 1946—W NINTH ST 150 S Bryant. Lougueville H Price to Wagner & Martinez ....March 16, 1946
Mar 20, 1946—530-550 NINTH ST. L H Price to Wagner & Martinez ....March 16, 1946
Mar 20, 1946—E 47th AVE 100, 125 S Santiago S 25 x E 120. MacArthur Bldg Co to whom it may concern........March 18, 1946

SAN MATEO COUNTY

Recorded Accepted
March 12, 1946—PTN LOT 1 Blk 11, Oak Knoll Manor. Lillian B Rebok to M J Lovell......Mar 8, 1946
Mar 12, 1946—PTN LOT 7, Rachix Sub No 2, San Mateo Park. Nick Moronin to Self.............March 9, 1946
Mar 12, 1946—LOTS 19 and 37 Blk 2, Lot 17 Blk 3, Lot 33 Blk 4, Lot 14 Blk 5 and Lots 11 to 20 Blk 6, Paradise Valley. Sunnyvale Homes to Barrett & Hilp.. ....March 11, 1946
March 12, 1946—PTN LOTS 43 and 44, Peninsula Foothills. Hilda Ames to whom it may concern.. ....March 7, 1946
Mar 13, 1946—PTN LOTS 20 and 21 Blk 6, Oak Park. Ralph H Schwartz, etc to McKeon Constr Company..........March 9, 1946
Mar 13, 1946—WOODSIDE (trim trees). Pacific Tel & Tel Co to Frank L Nolan.........March 11, 1946
Mar 14, 1946—LOT 13 Blk 6, Redwood Villa Park Tract. H V Cowan to Self.........March 13, 1946

ALAMEDA COUNTY

Recorded Accepted
Mar. 20, 1946—Lot 241, Berkeley View Terrace, Berkeley, Calif. Joseph P Milano to Bartlett & Hoskings..........Mar. 18, 1946
Mar. 20, 1946—Lots 6, 8, 10, 30, 32 and 34, Tract 711, Oakland, Calif. Bay Cities Homes Co to Schultz Construction Co..........Mar. 18, 1946
Mar. 20, 1946—Lots 4, 5, 6, Block 2; Lots 6 and 7, Block 5; Lot 2, Block 10; Lots 6, 7, 8 and 15, Block 14; Lots 2, 3, 4 and 5, Block 16, Eden Township, Alameda Co. C H McEntyre to whom it may concern..........Mar. 19, 1946
Mar. 20, 1946—Lots 7, 9, 11, 31, 33 and 35, Tract 711, Oakland, Calif. Owner Schultz Construction Co to whom it may concern....Mar. 18, 1946

Liens Filed

ALAMEDA COUNTY

Recorded Amount
Mar. 20, 1946—678 Joaquin Ave, San Leandro, Calif. Lincoln Lumber Co vs Viggo N and Florence W Jensen $988.21

Non-Responsibility

ALAMEDA COUNTY

Mar. 20, 1946—SE corner B and Watkins Sts, Hayward, Calif. Leo P, Lora C and Edmund B Haas, E McElroy and Christine K Hatch and General Petroleum Corp of California, lessee; as to work being done by Alvin Joseph.

SAN FRANCISCO

Mar 18, 1946—HOBART Building. Hobart Est Co as to improvements on property.

Mar 18, 1946—1719 NORIEGA ST. Michael and Nellie Costello as to improvements on property.

Electrical Permits

SAN FRANCISCO

38 67 Second St; owner, Al Todt; contractor, Beacon Elec Co; 4 plugs.

39 835 Market St; owner, The Emporium; contractor, Decker Elec Constr Co; 18 outlets.

40-1 3006-3000 45th Ave; owner, M J King; contractor, M Schimetscheck; 10 outlets; 10 switches; 10 pl.

42 520 Oak St; owner, Canavan; contractor, M Schimetschek; serv.

43 120 Mason St; owner, Ethel; contractor, M Schimetschek; ....

44 30 West Portal Avenue; owner, Walter May; contractor, M Schimetschek; 3 outlets.

45 507 Polk St; owner, W E Joslin; contractor, Cory & Joslin; alter.

46 507 Polk St; owner, W E Joslin; contractor, Cory & Joslin; 20 outlets.

47 500 Golden Gate Ave; owner, W E Joslin; contractor, Cory & Joslin; alterations.

48 571 Seventh St; owner, Kuster Laboratories, Ltd; contractor, Kuchel & Sievers Elec Works; motors.

49 Columbus and Pacific; owner, McKales, Inc; contractor, Kuchel & Sievers Elec; motor.

50 1300 7th St; owner, The Glidden Co; contractor, Kuchel & Sievers Elec; motors.

51 265 10th St; owner, Peerless Welding Co; contractor, Kuchel and Sievers Elec; motors.

52 444 5th St; owner, New S F Laundry Inc; contractor, Kuchel & Sievers Elec; motors.

53 567 Market; owner, Barney Barnard; contractor, Chas Yick; 5 outlets.

54 827 Kearny St; owner, ...; contractor, Chas H Yick; 6 outlets.

55 112 Valencia St; owner, ...; contractor, Chas H Yick; 3 outlets; 4 plugs.

56 1560 Powell; owner, Oliva; contractor, Arc Elec Co; 4 outlets; 4 switches; 6 plugs.

57 321 Lakeview St; owner, Becker; contractor, Arc Elec Co; ....

58-9 212-16 St Charles St; owner, Martire; contractor, Arc Elec Co; 14 outlets; 10 switches; 14 plugs.

60 1279 44th Avenue; owner, Mrs Rushton; contractor, American Elec Constr Co; ....

61 2402 Steiner; owner, Smith; contractor, Atlas Elec & Eng Co; 3 outlets; 2 switches; 1 plug.

62 611 Buena Vista; owner ,J Wigington; contractor, Atlas Elec & Engrg Co; 16 outlets; 12 switches; 10 plugs.

63 SE Cor 16th and Mission Sts; owner, Larsen & Larsen; contractor, Atlas Elec & Engrg Co; service.

OAKLAND

36261 5379 El Camille; owner, Chimenti; contractor, Paramount Elec Co; fixtures; alterations.

36262 7960 MacArthur Blvd; owner, Goekler; contractor, Collins Elec; outlets; switches; fixtures; plugs.

36263 8101 E 14th St; owner, Dickinson; contractor, Pine Elec Serv; 13 outlets; 2 switches; 12 fixtures; 3 plugs; new service.

36264 1629 Broadway; owner, Dr Revelli; contractor, Spott Electric Co; 1 switch; 1 plug.

36265 1322 65th St; owner, 6500 Club; contractor, Spott Electric Co; 1 outlet; 1 switch; 1 plug.

36266 6501 Gwinn Rd; owner, Les Petersen; contractor, Clifford Elec; alterations.

36267 3544 Fruitvale Ave; owner, Beckett and Federighi; contractor, Clifford Elec; alterations.

36268 4129 Broadway; owner, Storer Studio; contractor, Clifford Elec; alterations.

36269 349 11th St; owner, Stadium Garage; contractor, General Neon Lite Co; alterations.

36270 1411 40th Ave; owner, Western Glass Co; contractor, General Neon Lite Co; alterations.

36271 1273 87th Ave; owner, Frank Pivoda contractor, Special Owner; motors; alterations.

36272 535 Lewis St; owner, Singer contractor, T Bushman Elec Co; 4 outlets; 1 switch; 4 fixtures; 2 plugs.

36273 510 Chestnut; owner, ...; contractor, T Bushman Elec; serv.

36274 NE Cor E 8th St and Fifth Ave; owner, C G Williams; contractor, Deach; 10 outlets; 10 switches; fixtures; 3 motors.

36275 1733 E 21st Avenue; owner, Borge; contractor, Clifford Electric; outlets; switches; fixtures; plugs; alterations.

36276 1546 Fruitvale Ave; owner, Read; contractor, Clifford Electric; outlets; switches; fixtures; plugs; alterations.

36277 7101 Krause; owner, Warren; contractor, Clifford Electric; outlets; switches; fixtures; plugs.

36278 8127 E 14th St; owner, Modern Plastic Mfg Co; contractor, Del Monte Electric Co; outlets; switches; fixtures; plugs; motors; alter.

36279 Foot of 87th Avenue; owner Hazel Atlas Glass; contractor, Pacific Elec Motor Co; outlets; fixtures; switches; plugs.

36280 100th Ave and San Leandro Blvd; owner, Butler Packing Co; contractor, Pacific Elec Motor Co; outlets; switches; fixtures; plugs; motors.

36281 5773 San Leandro Blvd; owner, F M Ball; contractor, Pacific Elec Motor Co; outlets; switches; fixtures plugs; motors; alterations.

36282 1001 81st Ave; owner, Peter Paul; contractor, Pacific Elec Motor Co; outlets; switches; fixtures; pl.

36283 1585 6th St; owner, C P Concrete Equip Co; contractor, Pacific Elec Motor Co; alterations.

36284 9424-30 D St; owner, Alameda Homes Co; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

36285 1432-4-6 E 31st St; owner, Nelson & Ruegg; contractor, Johnston Elec; outlets; switches; fixtures plugs.

36286 10034 Voltaire Ave; owner, Walker; contractor, Johnston Elec; outlets; switches; fixtures; plugs.

36287 7969 Crest; owner, Cosca; contractor, Johnston Elec; outlets; switches; fixtures; plugs.

36288 5412 El Camille; owner, Nelson & Ruegg; contractor, Johnston Elec; outlets; switches; fixtures; pl.

36289 6109 Monadnock Way; owner, Dowling; contractor, Johnston Elec; outlets; switches; fixtures; pl.

36290 720 Beatie St; owner, Taylor & Ghoiar; contractor, Johnston Elec; outlets; switches; fixtures; pl.

36291 322 Gergedo Drive ;onwer, Ray Towers; contractor, Johnston Elec; outlets; switches; fixtures; pl.

36292 9706 D St; owner, Alameda Homes; contractor, Johnston Elec; outlets; switches; fixtures; pl.

Classified Advertising

HELP WANTED

DRAFTSMAN wanted. Apply to John Hudspeth, Architect, with samples of work. 427 13th St., Oakland.

Experienced ARCHITECTURAL DRAFTSMAN. Call for an interview. F. H. Reimers, A.I.A., 79 Post St., San Francisco.

LUMBER BROKER WANTED
LUMBER for building Peninsula home. Bay Building Co., 731 El Camino Real, Redwood City.
(3/14-15-18-19-20/46)

POSITION WANTED

JUNIOR ESTIMATOR, graduate Civil Engineer; Veteran; age 29; desires position with contractor. Reply Box 319, c/o Daily Pacific Builder.

FEBRUARY BUILDING TOTALS

CALIFORNIA CITY	FEB., 1946 No.	FEB., 1946 Est. Cost	FEB., 1945 No.	FEB., 1945 Est. Cost
ALAMEDA	62	$ 155,591	44	$ 22,893
ALBANY	19	34,064	15	12,818
ALHAMBRA	109	670,175	89	25,592
ANAHEIM	......	140,016	25	17,134
ATHERTON	6	20,200	6	2,950
BAKERSFIELD	82	566,000	44	67,710
BERKELEY	194	461,081	143	79,713
BEVERLY HILLS	88	1,204,665	53	48,340
BURBANK	219	1,070,355	169	143,386
BURLINGAME	27	266,700	7	2,800
CHICO	60	63,340	41	27,165
COLTON	52	92,201	26	7,055
COMPTON	118	514,150	72	66,972
CORONADO	8	8,050	26	13,391
CULVER CITY	90	526,550	35	20,810
EMERYVILLE	14	200,139	5	404,300
EUREKA	......	....	32	11,820
FRESNO	170	511,120	126	167,827
FULLERTON	38	41,151	21	35,535
GLENDALE	228	701,491	82	72,285
HAYWARD	17	135,410	17	11,035
HUNTINGTON PARK	60	810,800	29	20,624
INGLEWOOD	106	464,088	40	98,500
LODI	45	203,500	47	157,060
LONG BEACH	1774	3,618,880	677	250,890
LOS ANGELES (City)	4236	17,021,788	1854	2,147,815
LOS ANGELES (County)	3063	$10,813,213	1262	1,888,196
LOS GATOS	9	37,150	9	1,800
MARTINEZ	15	20,085	11	6,666
MODESTO	60	190,060	35	35,425
MONROVIA	109	322,735	78	69,041
MONTEBELLO	84	452,340	26	27,665
MONTEREY	22	346,900	12	24,800
NAPA	48	121,550	11	4,356
OAKLAND	578	1,588,284	304	314,169
OCEANSIDE	53	140,500	36	37,075
ONTARIO	......	206,414	61	21,258
ORANGE	29	49,087	25	12,790
OROVILLE	18	36,640	9	3,490
PALO ALTO	105	734,050	62	76,575
PASADENA	290	880,203	180	155,339
PIEDMONT	15	41,404	8	12,742
PITTSBURG	11	282,900	10	14,910
POMONA	127	363,783	61	69,742
REDDING	22	61,200	28	37,925
REDLANDS	92	167,492	27	7,724
REDWOOD CITY	61	529,675	23	71,225
RICHMOND	85	419,360	88	49,622
RIVERSIDE	132	409,885	91	38,867
SACRAMENTO	310	1,820,555	96	168,983
SALINAS	42	149,350	20	9,780
SAN BERNARDINO	307	595,596	209	60,956
SAN CARLOS	34	228,400	9	22,700
SAN DIEGO	824	1,560,554	579	602,791
SAN F	548	2,115,844	408	983,152
	60	298,167	24	19,486
	155	1,295,977	67	202,005
	48	167,405	31	62,400
	31	182,208	31	13,039
	76	503,762	113	413,617
	200	1,208,482	63	173,100
	38	269,140	11	9,300
	162	319,292	91	139,119
	82	209,171	58	32,235
	93	175,008	36	21,145
	160	894,615	81	72,160
	52	339,650	22	6,505
	118	391,704	64	96,574
	29	140,521	21	4,307
	114	515,084	92	239,015
	48	501,102	15	41,890
	45	113,005	37	17,897
	16	84,550	21	26,300
	49	373,077	41	174,085
	16	124,600	5	1,300
	16507	$62,293,834	8427	$ 10,515,463
	212	$ 888,075	155	$ 653,238
	84	343,750	90	94,012
	296	$1,231,825	245	$ 747,250
	64	$ 186,467	53	$ 26,205
	63	97,584	14	2,730
	127	$ 284,051	67	$ 28,935
	137	$ 547,517	40	$ 17,277
	33	$ 111,050	13	$ 7,135
	78	212,365	18	36,495
	28	96,480	12	24,825
	563	2,937,025	293	609,785
	95	240,539	44	66,716
	927	$3,597,459	380	$ 744,778
	33	$ 268,550	4	$ 1,400
	82	537,850	59	41,800
	172	842,718	43	49,090
	287	$1,649,118	106	$ 92,290
	27	$ 27,885	28	$ 5,730
	581	2,402,425	363	821,780
	288	640,843	132	87,692
	354	1,272,235	191	633,980
	138	494,775	45	20,294
			73	17,915
			85	9,725
	106	292,745	20	8,250
	1474	$ 5,130,908	889	$ 1,629,231
	19755	$74,734,712	10206	$13,775,233

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Fifty-sixth Year—Vol. 56—No. 57 SAN FRANCISCO, FRIDAY, MARCH 22, 1946 PRICE 15 CENTS PER COPY

PLANS and Speculations

Woodland: The city council has agreed to present a resolution calling for the construction of 48,099 feet of curb and gutter within the city limits, Mayor Henry Anderson announced. Cost of the project has not been determined.

oOo

Reno: Allotment of 50 additional temporary housing units for veterans in Reno has been authorized by the Federal Public Housing Authority headquarters in San Francisco, Langdon W. Post, regional director, announced.

oOo

Napa: Property owners of the Park avenue district, north of the present Napa Junior College, have protested the school trustee's plan of acquiring property, on which their homes are built, for the proposed enlargement of the college.

oOo

Red Bluff: Two Army engineers from Sacramento have inspected the Sacramento river channel here as part of a preliminary survey to determine work which must be done. $150,000 has been allocated for the job. The engineers were conducted on the tour by D. C. Conway, Los Molinas engineer. According to Conway, they expressed the belief work should commence at once.

#

Add Steve D. Bechtel To Advisory Board of National A.G.C.

The Associated General Contractors of America, Inc., through its National President, Warren Belleows of Houston, and his Executive Committee has appointed Steve D. Bechtel of Bechtel Bros. & McCone Co., local contractors, as a member of the Advisory Board of the National A.G.C.

Members of this Board are selected from the leading general contractor firms of the United States.

Mr. Bechtel is an engineer and contractor nationally known and his firm's outstandly successful operation in war construction were a matter of nation-wide comment.

The firm originally came into prominence as one of the Six Companies who built the great Boulder Dam, which was considered such a great accomplishment in its day.

During the war this firm undertook and successfully carried out many building and heavy construction jobs not only in this country—but in distant countries, such as Arabia. The firm is a member of Central California Chapter, of The Associated General Contractors of America, Inc.

W. A. Bechtel, Sr., now deceased, was one of the several important cotractors who founded The Associated General Contractors of America 26 years ago.

GROOVER AND I

SIR! SALUTE! SALAAM!

The Commies and Fellow Travelers are working on a project to break down the morale and discipline of our fighting forces. It goes by the reasonable sounding name of eliminating the "caste" system in the Army — or what's the difference between a Colonel and a Corporal?

* * *

The idea being that the Commander - in - Chief and the Chief Gunner, the Palace Guard and the Stable Guard should share the same tent and chow. Any Army man who has taken his job seriously knows such an idea is just bushwa.

* * *

Our late Commander - in - Chief, Franklin D. Roosevelt, was a firm believer in the designation of rank and authority which is being protested as "caste". It was he who sponsored the rating of "Private, first-class", which is slicing it very thin.

* * *

The argument is advanced that rank and distinction is not democratic. Well, who said it was? War isn't democratic, either!

* * *

Unless we are civilized enough to settle our differences through some process of organized reason, such as UNO, war is a good way to protect frontiers and your institutions.

* * *

Of course there have been mistakes and abuses. This was inevitable when, in a peace-loving and non-military nation you hastily herd together a fighting force of eleven million.

* * *

An Army's objective is to win a war—we seem to have done that. Now are we able to make secure the Peace?

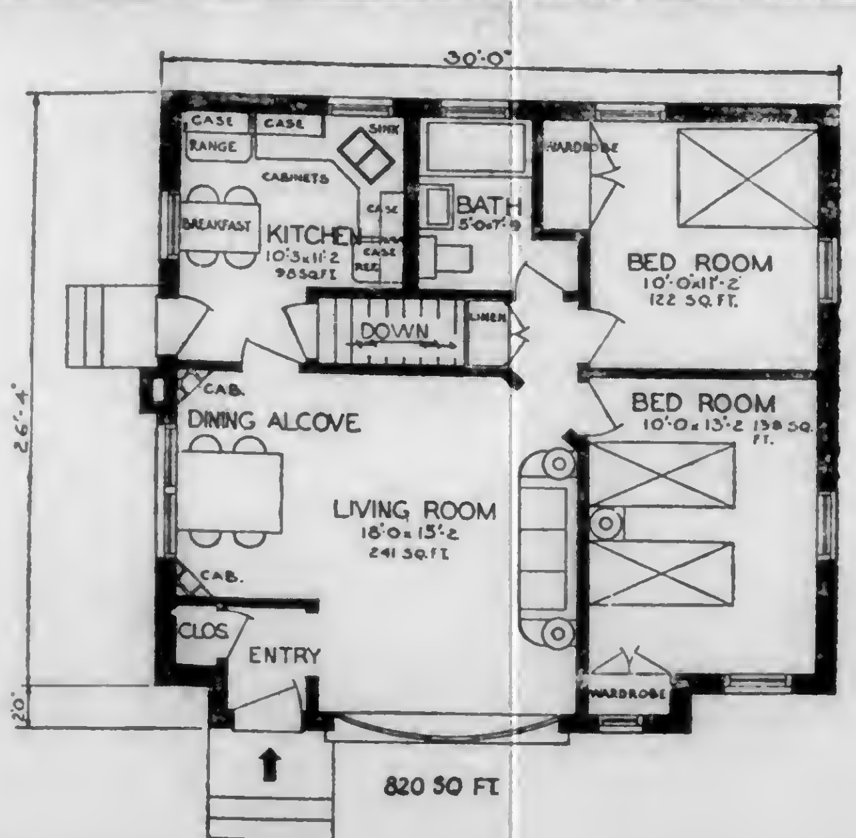
#

PARAFFINE TO MERGE

Stockholders of the Schumacher Wall Board Co., Monday approved the proposed merger with the Paraffine Companies, Inc., at a meeting of stockholders in South Gate.

Urge New Industries To Move Here

IDEAL SMALL HOME FOR VETERANS



Compact Design Has Many Fine Features

Practical Builder's home of the month is important in these days of rising costs because the design and lines are simple, straightforward and compact. The plumbing is in one wall and cross ventilation is provided in all rooms. The plan can be varied to a story and a half by moving the linen closet into the bathroom and installing a stair to the second floor, which would give space for a den, large bedroom and additional bath, if desired.

The living room with dining room "L" is well designed for furniture placing and will accommodate full sized dining room table and chairs in the alcove. Corner cabinets provide space for linen and dishes. The framing is simple and economical. Outside walls are a buff or white brick and the trim is white, with shutters of blue-gray.

The kitchen arrangement is simple. The space beneath the corner cabinet which is usually wasted is utilized for the sink location with a window adjacent. Cabinets on either side are easily reached, as are refrigerator and range. Breakfast space is ample, pleasantly situated under the window.

Although this is a minimum house, providing the greatest amount of living space for the smallest amount of cost, its design avoids the rubber-stamp monotony of run-of-the-mine low cost housing, claims "Practical Builder" Chicago.

#

MORE HOMES FOR VETS

President Truman has asked Congress to appropriate $253,727,000 more to buy an additional 100,000 temporary homes for returning veterans.

CALIFORNIA FAIR LIST AVAILABLE AT NO COST

California is reconverting at a very satisfactroy rate as far as her fairs, fiestas, rodeos and other colorful events are concerned, according to the Travel and Recreation Committee of the California State Chamber of Commerce.

For the first time since the end of 1942, the Travel and Recreation Committee of the California State Chamber of Commerce is issuing as complete a bulletin of these and all of the other colorful events which have made California noted throughout the world. This first list covers some 200 events. Copies of this list may be obtained free of charge at any of the State Chamber offices, or upon written request.

HONDURAS TIMBER

Twelve thousand acres of virgin timber land in the Chamelecon Valley, Honduras, has been purchased by a United States firm and a 50-year lease has been taken on 60,000 adjoining acres, according to the Department of Commerce. A sawmill with capacity of 25,000 board feet a day will be erected. It is expected that large amounts of the lumber produced will be exported.

#

FRESNO HI-JINKS

The annual Hi-Jinks of Fresno Builders' Exchange will be held in the Basque hotel, Mar. 29, at 6:30 p. m. Reservations should be telephoned to Fresno 3-3277.

Publicity Campaign To Lure Commerce To Bay Region; Building Boom Promised

The San Francisco Chamber of Commerce, in cooperation with chambers of commerce of cities within the 11 surrounding counties, has launched an intensified campaign to bring more new industry to the Bay Area and surrounding territory.

The announcement was made Thursday morning by Alfred H. Meyer, chairman of the Industrial Committee of the local chamber, at a press conference in the chamber building, on Pine street.

"The new program", G. Lewis Fox, manager of the Industrial Department, said, "is a regional project to get people to come to this area. Then, after they have discussed their problems with us, we will turn them over to the local chambers who can best fill their needs."

"There is very little available factory space in this area," Fox said, "and probably 3½ or 4 million feet of floor space will be needed. We aim to put over the thought that construction costs for commercial building have risen some, but have not skyrocketed like in the home building industry," he said.

There are several sources of new business, Fox pointed out, all of which may mean a boom in the already busy construction industry.

The chambers will: urge expansion of present facilities of manufacturers located here; assist the conversion of war-time plants to present needs; encourage large eastern concerns to establish branches here in the most centrally located part of the West Coast; help industries to use products grown here to expand or develop new business; and will invite new businesses based on inventions and developments to locate in this active growing area.

"Henry Kaiser wanted a factory here containing 1,200,000 feet of floor space but we did not have any building which would fit his needs," Fox said.

The western market is now sufficient to lure new business here, and San Francisco is an ideal outlet and port for the potential business in the Orient.

To sell this plan the Chamber of Commerce has published a comprehensive survey of Bay Region industrial factors. The brochure, printed in three colors and costing over $20,000, is profusely illustrated with maps, photographs, charts and diagrams to convey the wealth of opportunity in this area for new industries.

One chapter, "Sites and Buildings," shows how, within the 11 counties, a factory site to fit almost any need can be found, and lists the varied industries now in operation within the area.

A copy of the survey is on file in the Daily Pacific Builder office, 465 Tenth street.

#

Hold Funeral Today For H. D. Dewell, Bay Engineer

Funeral services will be held today at 3 p. m. in the chapel of the Oakland Crematory for Henry Dievendorf Dewell, 64, prominent Bay engineer, who died Wednesday in Berkeley.

Mr. Dewell during the past 30 years had been connected with many important engineering projects on the West Coast, and thruout the country. He was chief structural engineer for the Panama Pacific International Exposition in 1915, after which he opened offices as a consulting engineer. He had been practicing with his son, Robert D. Dewell.

The author of several technical books and numerous engineering articles, he received world-wide recognition as an authority on timber structures and earthquake resistant construction.

He was active in many technical and honor societies and was a life member of American Society of Civil Engineers, of which he served as president, and, at one time as director of the National society.

He belonged to the Structural Engineers Association of Northern California, Seismological Society of America, American Concrete Institute, Hillside Club of Berkeley, and Sigma Xi, Tau Beta Pi, and Chi Epsilon, honor societies.

He is survived by his wife, Mrs. Ola Harrell Dewell, three children and three grandchildren.

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OFFICIAL PROPOSALS

FIRST PUBLISHED TODAY

Highway Improvements—Lassen County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **April 10, 1946**, at which time they will be publicly opened and read in the Assembly Room of said building, for repairing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Lassen County, between Viewland and Secret Valley (II-Las-73-B), about thirteen and eight-tenths (13.8) miles in length, to be surfaced with imported gravel base and plant-mixed surfacing.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Flagman	1.00
Laborer	1.00
Motor grader operator	1.85
Oil distributor bootman	1.125
Oiler, power shovels or cranes	1.25
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.5625
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.4375
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.375
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Any classification omitted herein not less than	1.00

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law. (See said Proposal Requirements and Conditions.)

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated March 22, 1946.
(Daily Pacific Builder)
(Mar. 22-29, April 5, 1946)

FIRST PUBLISHED TODAY

Highway Improvement—Yolo County, at the State Highway Nursery, About Three Miles East of Davis (III-Yol-6-A)

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, 703 B Street, Marysville, California, until 2 P.M. o'clock on **April 4, 1946**, at which time and place they will be publicly opened and read, for performing work as follows:

Yolo County, at the State Highway Nursery, about three miles east of Davis (III-Yol-6-A), water well to be drilled and cased.

Plans and specifications, and forms of proposal, bonds, and contract may be obtained at the above address.

No bid will be considered unless it is made on a proposal form furnished by the District Engineer, and is made in accordance with the provisions set forth under Section 2, "Proposal Requirements and Conditions" of the Standard Specifications. Each bid must be accompanied by a proposal guaranty in accordance with the requirements of article (f) of the said Section 2 of the Standard Specifications.

The Department of Public Works reserves the right to reject any or all bids.

The quantities listed in the State Highway Engineer's Estimate hereinafter stated, are approximate only, being given as a basis for the comparison of bids, and the Department of Public Works does not, expressly or by implication, agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work, or to omit portions of the work, as may be deemed by the Engineer to be necessary or advisable.

Bids are required on the entire work described herein.

The rates of wages, including overtime, holiday or Sunday rates, herein specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Laborer	$1.0625
Well driller	1.70
Any classification omitted herein not less than	1.0625

Overtime—one and one-half (1½) times the above rates. Sundays and holidays (except watchmen, guards and flagman)—one and one-half (1½) times the above rates.

State Highway Engineer's Estimate

Item 1. 200 lineal feet drilling and casing well.

Item 2. 30 hours pumping well.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCoy,
State Highway Engineer.
By C. H. WHITMORE,
District Engineer, Dist. III.
Dated: March 22, 1946.
(Daily Pacific Builder)
(Mar. 22-29, 1946)

FIRST PUBLISHED TODAY

Highway Improvements—Humboldt County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **April 10, 1946**, at which time they will be publicly opened and read in the Assembly Room of said building, for repairing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Humboldt County, between Loleta and Fields Landing (I-Hum-1-G), about four (4.0) miles in length, base to be reinforced and surfaced with plant-mixed surfacing.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Flagman	1.00
Laborer	1.00
Motor grader operator	1.85
Oil distributor bootman	1.125
Oiler, power shovels or cranes	1.25
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.5625
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.4375
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.375
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Any classification omitted herein not less than	1.00

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (See said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY
State Highway Engineer
Dated March 22, 1946.
(Daily Pacific Builder)
(Mar. 22-29, April 5, 1946)

FIRST PUBLISHED TODAY

Highway Improvements—Contra Costa County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **April 10, 1946**, at which time they will be publicly opened and read, in the Assembly Room of said building, for repairing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Contra Costa County portions between Pittsburg and 4 miles east of Brentwood (IV-C.C-75-C,D), about ten and one-tenth (10.1) miles in length, shoulders to be widened with imported borrow and surfaced with plant-mixed surfacing and penetration treatment and a bridge to be widened.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.50
Cement finisher	1.75
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity and paving type)	1.70
Concrete vibrator operator	1.25
Flagman	1.0625
Jackhammer operator	1.25
Laborer	1.0625
Motor grader operator	1.85
Oiler, power shovels or cranes	1.40
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	2.00
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.25
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (8 cubic yards water level capacity or more)	1.725
Truck driver (6 cubic yards and less than 8 cubic yards water level capacity)	1.375
Truck driver (4 cubic yards and less than 6 cubic yards water level capacity)	1.2625
Truck driver (less than 4 cubic yards water level capacity)	1.15
Any classification omitted herein not less than	1.0625

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specification. Each bidder must be licensed and also prequalified as required by law (see said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated March 22, 1946.
(Daily Pacific Builder)
(Mar. 22-29, April 5, 1946)

FIRST PUBLISHED TODAY

Highway Improvements—Siskiyou County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **April 10, 1946**, at which time they will be publicly opened and read in the Assembly Room of said building, for repairing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Siskiyou County, between Shasta River and Gazelle (II-Sis-3-B), about seven and eight-tenths (7.8) miles in length to be surfaced with plant-mixed surfacing.

Bids are required for the entire work described herein.

STATE HIGHWAY ENGINEER'S ESTIMATE

The State will furnish 550 tons of mineral aggregate and 38 tons of paving asphalt for use in plant-mixed surfacing as more explicitly set forth in the special provisions.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Flagman	1.00
Laborer	1.00
Motor grader operator	1.85
Oil distributor bootman	1.125
Oiler, power shovels or cranes	1.25
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.5625
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.4375
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.375
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Any classification omitted herein not less than	1.00

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the district in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law. (See said Proposal Requirements and Conditions.)

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated March 22, 1946.
(Daily Pacific Builder)
(Mar. 22-29, April 5, 1946)

Clearing the Rector Creek Reservoir Site in Napa County, California

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION of WATER RESOURCES

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Engineer, Room 401, Public Works Building, Sacramento, California, until 1:30 o'clock p.m. on Wednesday March 27, 1946, at which time they will be publicly opened and read, in the same room of said building, for performing work in accordance with the specifications therefor, to which special reference is made as follows:

CLEARING THE RECTOR CREEK RESERVOIR SITE IN NAPA COUNTY, CALIFORNIA.

State Engineer's Estimate

Item: 76.5 acres clearing the Rector Creek Site in Sections 19 and 20, T. 7 N., R. 4 W., M. D. B. & M.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Choker setter	$1.10
Hand timber faller	1.25
Head choker setter	1.25
Laborer	1.00
Machine (power-saw) faller	1.35
Powderman	1.375
Tractor operator	1.70
Truck driver (8 cubic yards water level capacity or more)	1.50
Truck driver (6 cubic yards and less than 8 cubic yards water level capacity)	1.25
Truck driver (4 cubic yards and less than 6 cubic yards water level capacity)	1.10
Truck driver (less than 4 cubic yards water level capacity)	1.00
Any classification omitted herein not less than	1.00

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen and guards)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modifications thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is particularly directed to the provisions of Section 7 of the Standard Specifications published by the Department of Public Works, Division of Highways, in April, 1945, regarding the laws to be observed, and Section 8, article (b), of the Standard Specifications regarding assignment of contract, and to Sections 4100 to 4108, inclusive, of the Government Code, State of California, regarding subcontracting and assignment of subcontracts.

Forms of proposal, bonds, contracts and specifications may be seen and obtained at the office of the State Engineer, Public Works Building, Sacramento, California, and they may be seen at the office of the State Engineer, 803 California State Building, Los Angeles, and at the offices of the Associated General Contractors in San Francisco and Los Angeles.

A representative from the State Engineer's office will be available to accompany prospective bidders for an inspection of the work herein contemplated, and Contractors are urged to investigate the location, character, and quantity of work to be done with a representative of the State Engineer.

No bid will be considered unless it is made on a blank form furnished by the State Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law. (See said Proposal Requirements and Conditions.)

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION of WATER RESOURCES
EDWARD HYATT,
State Engineer.
Dated March 15, 1946.
(Daily Pacific Builder)
(Mar. 15-22, 1946)

Highway Improvements—Shasta Co.

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on April 3, 1946, at which time they will be publicly opened and read in the Assembly Room of said building, for repairing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Shasta County, between 4.5 miles east of Ingot and Montgomery Creek (II-Sha-28-B), about nine and seven-tenths (9.7) miles in length to be surfaced with plant-mixed surfacing.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Flagman	1.00
Laborer	1.00
Motor grader operator	1.85
Oil distributor bootman	1.125
Oiler, power shovels or cranes	1.25
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.5625
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.4375
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.375
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Any classification omitted herein not less than	1.00

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the district in which the work is situated, and at the office of the Associated General Contractors in San Frnacisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law. See said Proposal Requirements and Conditions.)

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated March 15, 1946.
(Daily Pacific Builder)
(Mar. 15-22-29, 1946)

Highway Improvement—Siskiyou Co.

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **March 27, 1946**, at which time they will be publicly opened and read in the Assembly Room of said building, for repairing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Siskiyou County, portions between Weed and Yreka (II-Sis-3-B), about twenty and four-tenths (20.4) miles in length to be surfaced with imported borrow base and plant-mixed surfacing.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Flagman	1.00
Laborer	1.00
Motor grader operator	1.85
Oil distributor bootman	1.125
Oiler, power shovels or cranes	1.25
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.5625
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.4375
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.375
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Any classification omitted herein not less than	1.00

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President of any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the district in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law. (See said Proposal Requirements and Conditions.)

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated March 8, 1946.
(Daily Pacific Builder)
(Mar. 8-15-22, 1946)

Bid Opening Schedule

BUILDING PROJECTS

Bid Opening Date	Project	Location of Project	Noted in Issue
3-25—	Office Buildings	Salinas	3-20
3-25— 9:00 P.M.	Plant	Torrance	2-18
3-25— 1:30 P.M.	Theater	Sacramento	3-21
3-26— 4:00 P.M.	Newspaper Plant	Oroville	3-21
3-26— 1:30 P.M.	Wing	Wood, Wis.	3- 5
3-26—11:00 A.M.	Service Buildings	Terminal Island	3-15
3-26—10:00 A.M.	Store Building	Los Angeles	3-19
3-27— 3:00 P.M.	Warehouse	San Francisco	3-19
4-19— 2:00 P.M.	Fender Piling	San Francisco	3-19
3-26— 2:00 P.M.	Dismantle Housing	Alameda	3-15
3-26— 2:00 P.M.	Safety Window Bolts	Alameda	3-15
4- 4— 2:00 P.M.	Ferry Buildng Addition	San Francisco	3-15
4-16— 5:00 P.M.	City Hall	Huntington Park	3-15
3-27— 2:00 P.M.	Firebox	Yerrington. Nev.	3-11
3-27— 2:00 P.M.	Repair Roof	San Francisco	3-13
3-27— 2:00 P.M.	Painting	Calexico	3-14
3-27— 2:00 P.M	Exterior Painting	Calexico	3-13
3-27— 2:00 P.M.	Elevator Cables	San Francisco.	3-18
3-27— 2:00 P.M.	Lock Boxes	Napa	3-18
3-27— 2:30 P.M.	Hot Water Risers	San Francisco	3-18
4- 2— 2:00 P.M.	Painting	Kingman, Ariz.	3-14
3-27— 2:00 P.M.	Firebox	Napa	3-13
3-27— 2:00 P.M.	Repair Roof	San Francisco	3-13
3-28— 5:00 P.M	Remodel Cafeteria	Fresno	3-20
3-30—10:00 A.M.	Dormitory	Lubbock, Texas	3-12
4- 1—10:00 A.M.	Residences	Davis Dam, Arizona-Nevada	2-27
4- 2— 8:00 P.M.	School	Stockton	3- 4
4- 2— 3:00 P.M.	Tank	San Francisco	3- 8
4- 2— 2:00 P.M.	Painting	Kingman, Ariz.	3-13
4- 2— 8:05 P.M.	Fire Drill Tower	Alameda	3-21
4- 2— 2:00 P.M.	Interior Painting	Tucson, Ariz.	3-18
4- 2— 2:00 P.M.	Painting	Kellogg, Idaho	3-18
4- 3— 2:00 P.M.	Elevator	San Francisco	3-18
4- 3— 2:00 P.M.	Painting	Globe, Ariz.	3-18
4- 3— 2:30 P.M.	Painting	San Francisco	3-18
4- 3—10:00 A.M.	Generators	Central Valley Project	3-12
4- 4—10:00 A.M.	Cottages	Hungry Horse Project, Mont.	3-18
4- 9—3:00 P.M.,	Cottage	San Francisco	2-25
4-18—10:00 A.M.	Residences	Minidoka Project, Idaho	3-18
4-24— 2:00 P.M.	Hoistway Doors	Prescott, Ariz.	3-18
4-24— 2:00 P.M.	Elevator Doors	Yakima, Wash.	3-18

ENGINEERING PROJECTS

Bid Opening Date	Project	Location of Project	Noted in Issue
3-25—10:00 A.M.	Earthwork	Altus Project, Oklahoma	3-20
3-25—10:00 A.M.	Bridge	Marin County	3-19
3-25— 2:00 P.M.	Dam	Encinitas	3-11
3-25— 7:00 P.M.	Sewer	San Pablo	3- 7
3-26— 2:00 P.M.	Arrester	Boise Project, Idaho	3- 5
3-26— 8:00 P.M.	Sewage Plant	Grandview, Wash.	3- 5
3-25— 7:30 P.M.	Floodlight Field	Red Bluff	3-12
3-26—11:00 A.M.	Tracks	San Diego	3-12
3-26—10:00 A.M.	Grading	Los Angeles County	3- 8
3-26— 7:30 P.M.	Streets	Modesto	3-12
3-26— 9:30 A.M.	Roadway	Wyoming State	3-21
3-26— 3:00 P.M.	Airport	San Francisco	3-18
326— 8:00 P.M.	Water System	Grand Coulee, Wash.	318
3-27— 1:00 P.M.	Embankment	Los Angeles	2-28
3-27— 2:00 P.M.	Highway	Siskiyou County	3- 5
3-27—10:00 AM.	Structures	Tucumcari Project, New Mexico	2-21
3-27— 2:00 P.M.	Canal	Merced County	2-26
3-27— 2:00 P.M.	Bridge	Mendocino County	2-26
3-27— 2:00 P.M.	Bridge	Lake County	2-26
3-28— 2:00 P.M.	Bridges	San Diego County	2-26
3-29— 2:00 P.M.	Gate Frames	Davis Dam, Arizona-Nevada	3- 1
3-29— 5:00 P.M.	Ally	Sacramento	3-14
3-29— 5:00 P.M.	Alley Paving	Sacramento	3-13
3-29— 2:00 P.M.	Roadway	Idaho State	3-19
4- 1— 3:00 P.M.	Lighting Lane	Seattle, Wash.	3-15
4- 1— 2:00P.M.	Canal	Grass Valley	3-11
4- 1—	Drainage Improvements	San Rafael	3- 8
4- 1—	Bridge	San Rafael	3- 8
4- 1— 8:00 P.M.	Dam	Cutler City, Ore.	3-21
4- 2— 3:00 P.M.	Cast Iron Mains	San Francisco	3-20
4- 2— 2:00 P.M.,	Needle Valves	Denver, Colo.	2-13
4- 2— 8:05 P.M.	Street	Alameda	3-21
4- 3—10:00 A.M.	Earthwork	Altus Project, Oklahoma	3- 1
4- 3—10:00 A.M.	Earthwork	Altus Project, Oklahoma	3- 8
4- 3— 2:00 P.M.	Highway	Kern County	3-12
4- 3— 2:00 P.M.	Surfacing	Shasta County	3-12
4- 4— 2:30 P.M.	Dam	Fort Gibson Project, Oklahoma	3- 8
4- 4— 2:00 P.M.	Drilling	Yolo County	3-20
4- 4—10:00 A.M.	Road	Otera County, N. M.	3-21
4- 8—10:00 A.M.	Airway	Needles, Ariz.	3-13
4- 8—10:00 A.M.	Airway	Needles, Ariz.	3-14
4- 8—10:00 A.M.	Canal	Central Valley Project	3-18
4- 8—10:00 A.M.	Transmission Line	Missouri Basin Project, Wyo.	3-19
4- 9—11:00 A.M.	Dam	Caddoa, Colo.	3- 5
4- 9—10:00 A.M.	Distribution Line	The Dalles, Ore.	3-20
4-10—10:00 A.M.	Earthwork	Central Valley Project	3-20
4-10—10:00 A.M.	Excavating	Los Angeles	3- 6
4-10— 2:00 P.M.	Highway	Kern County	3-12
4-10— 2:00 P.M.	Highway Grading	Kern County	3-13
4-10— 2:00 P.M.	Highway	Kern County	3-14
4-10—10:00 A.M.	Earthwork	Klamath Project, Ore.-Calif.	3-15
4-10— 2:00 P.M.	Bridge	Contra Costa County	3-19
4-10— 2:00 P.M.	Surfacing	Lassen County	3-19
4-10— 2:00 P.M.	Surfacing	Siskiyou County	3-19
4-10— 2:00 P.M.	Reinforcing Base	Humboldt County	3-19
4-11— 2:00 P.M.	Highway	San Diego County	3-12
4-15—10:00 A.M.	Earthwork	Columbia Basin Project, Wash.	3-15
4-15—11:00 A.M.	Bridge	Contra Costa County	3-21
4-16—10:00 A.M.	Canal	Balmorhea Project, Texas	3-18
4-17— 2:00 P.M.	Tug Boat	San Francisco	3-20
4-18—10:00 A.M.	Canal	Central Valley Project	3-18
4-18— 2:00 P.M.	Bridges	San Diego County	3-19
4-25— 2:00 P.M.	Dredging	Suisun	3-19

SUPPLIES AND EQUIPMENT

Bid Opening Date	Project	Location of Project	Noted in Issue
3-25— 7:30 P.M.	Arch Castings	Red Bluff	3-20
3-25—11:00 A.M.	Cranes	Hunters Point	3-20
3-25—	Asphalt	Sacramento	3-20
3-25—	Clocks	San Francisco	3-19
3-25—	Stairways	Panama Canal	3-19
3-25— 2:00 P.M.	Pipe	Gila Project, Arizona	2-19
3-25— 2:00 P.M.	Electric Equipment	Missouri Basin Proj., Wyoming	3- 1
3-25—	Shovel	Sacramento	3-13
3-26— 2:00 P.M.	Transformers	Colorado-Big Thompson Proj.	3- 6
3-26— 2:00 P.M.	Pipe	Tucumcari, N. M.	3-12
3-26— 2:00 P.M.	Pipe	Tucumcari, N. M.	3-13
3-25—	Shovel	Sacramento	3-14
3-26— 2:00 P.M.	Pipe	Tucumcari, N. M.	3-14
3-25— 2:00 P.M.	Dump Trucks	Trinity County	3-15
3-25— 3:00 P.M	Venetian Blind Repairs	San Francisco	3-15
3-26— 2:00 P.M.	Tanks	San Francisco	3-15
3-26— 2:00 P.M.	Conductor	Glendive, Mont.	3-15
3-26— 1:30 P.M.	Telephone Equipment	Los Angeles	3-18
3-26— 2:00 P.M.	Caterpillar Parts	San Francsco	3-18
3-26— 2:00 P.M.	Calculating Machine	Oakland	3-18
3-26— 3:00 P.M.	Air Compressor	San Francisco	3-21
3-27— 2:00 P.M.	Capacitors	Phoenix, Ariz.	3-15
3-27— 5:30 P.M.	Jeeps	Oakland	3-15
3-37— 5:30 P.M.	Tables	Oakland	3-15
3-27— 5:30 P.M.	Fittings	Oakland	3-15
3-27— 4:00 P.M.	Trucks	Oakland	3-20
3-27— 2:00 P.M.	Conductor	Bonneville, Wyo.	3-14
3-27— 2:00 P.M.	Conductor	Bonneville, Wyo.	3-13
3-27— 2:00 P.M.	Electric Equipment	Central Valley Project	3-12
3-27— 2:00 P.M.	Electric Equipment	Missouri Basin Proj., Wyoming	3- 1
3-27— 2:00 P.M.	Pumps	Boulder Canyon Project	2-26
3-27— 2:00 P.M.	Elevator	Central Valley Project	2-28
3-27— 7:30 P.M.	Pump	Modesto	3-13
3-27— 7:30 P.M.	Pump	Modesto	3-14
3-27— 2:00 P.M.	Circuit Breaker	Parker Dam Project, Arizona	3-19
3-27—	Insulators	Panama Canal	3-19
3-29— 2:00 P.M.	Pole Band	Kingman, Ariz.	3-19
3-28— 2:00 P.M.	Cedar	Phoenix, Ariz.	3-15
3-28—10:30 P.M.	Guy Strand	Portland	3-21
3-28— 2:00 P.M.	Switches	Fort Peck, Mont.	3-14
3-28— 2:00 P.M.	Switches	Fort Peck, Mont.	3-13
3-28— 2:00 P.M.,	Elec. Equip.	Central Valley Project	2-25
3-29— 2:00 P.M.	Garbage Dispensers	San Francisco	3-18
3-29— 2:00 P.M.	Tanks	San Francisco	3-18
3-29— 2:00 P.M.	Conductor	Louise, Ariz.	3-18
3-29— 2:00 P.M.	McLeod Tools	San Francisco	3-19
3-29— 2:00 P.M.	Conductor	Emmett, Idaho	3-19
3-29— 3:00 P.M.	Steel Car Wheels	San Francisco	3-19
3-29— 3:00 P.M.	Springs	San Francisco	3-19
3-29— 2:00 P.M.	Electric Equipment	Rio Grande Proj., New Mexico	3- 1
4- 1— 2:00 P.M.	Cement	Sacramento	3-20
4- 1— 2:00 P.M.	Pole Band	Casper, Wyo.	3-20
4- 1— 2:00 P.M.	Aluminum	Medicine Bow, Wyo.	3-20
4- 1— 2:00 P.M.	Conductor	Cody, Wyo.	3-20

(Continued on Page Seven)

An Approach To A Rational Solution Of The Earthquake Problem

By

MARK FALK

President of the State Board of Registration for Civil Engineers
and
Partner of ERNEST J. KUMP, Architect
251 Kearny Street, San Francisco

(A talk delivered before joint meeting of Northern California Chapter A.I.A. and Structural Engineers Association of Northern California—March 5)

I have been asked to prepare this paper with the idea in mind that discussion on it will lead to a more rational seismic formula than any of those now set forth in the vast majority of Building Codes with which we are required to conform.

The inconsistencies of our codes are apparent to the most casual observer. Many communities — and our own City of San Francisco is one of them — have no requirements for design against earthquakes, but the largest of these cities, at any rate, require compliance with the State law known as the Riley Bill. This statute requires that structures be designed to resist two per cent of the weight thereof applied horizontally thereto—a modest requirement, indeed.

From there we go by leaps and bounds to the eight or ten per cent or more required by other codes. The examples cited are only "shotgun" approximations of the detailed requirements of these various codes, but no purpose would be served by setting them forth in greater detail.

They will give some idea of the wide divergence of our code requirements to those of you who are, happily, not too conversant with the subject.

Now we all know that the structural engineers were consulted in the drafting of these ordinances and that both ends of this somewhat elastic yardstick have vehement and vociferous advocates among them. I fear that this argument has only tended to confirm the opinion held in some cynical quarters, that engineers are engaged in a vast guessing contest—and that most of them aren't even very good guessers.

Now, I can only hope that I shall not further confound the subject by contending that both schools of thought are correct in their theses. However, the schools are badly in need of a little bi-lateral lighting—and it is this that I hope to be able to furnish—coming, as I do, from a long line of bi-lateral-lighters.

Now the ten-percenters contend that a ten-percent earthquake is nothing more than a moderate shock that you can expect to have any where in our state any morning before breakfast—that we have had 20-percenters and even 30-percenters — and that anyone who would advocate designing structures against anything less than the lowest of these intensities is a conscienceless monster who ought to be taken into custody for the good of the community.

It is pretty hard to quarrel with any of these contentions—except, possibly, the last one. As for the two-percenters, they can point out buildings which would hardly figure to withstand a hearty blow by the Big Bad Wolf, but have successfully ridden out a couple of right sharp shakes and they feel that any engineer who would squander his client's money in designing against ten-percent of gravity should have his license revoked on the grounds of malpractice or fraud.

And they have tried to design some of the tall buildings which are liberally scattered through our fair city for these higher factors and have found that it is prohibitive to attempt to do so. And so—far into the night

Now, if you can persuade two of these protagonists to sit down together at a table—taking the precaution to tie them firmly in their seats on opposite sides thereof and gagging them gently with bandanas — they will nod in acquiescence at the interlocutor's sage observations that the percentages of gravity which they advocate are only figures of speech and that the matter with which we are primarily concerned is the effect of an accelerated movement of the foundations upon the structure in question.

Here at last is an area of agreement, but you can see that they are trying to tell you not to forget that it must be some sort of formula that can be written into an ordinance. Fair enough! We are an old hand at the writing of ordinances and are privy to the fundamental requisites thereof. It would hardly profit us to write in something that could only be resolved by the ministrations of a mathematical physicist.

Now, you may smile at the notion, but we must be mindful of the fact that these learned gentry have, in times past, fashioned the antecedents of the tools of our professional practice. These tools, through long and intimate association, have become so familiar to our hands that we are prone to forget the arduous labors of the minds which originally conceived them.

It is far cry from the cumbersome tool which was the original conception of the slope deflection method to the polished and facile instruments which have been evolved therefrom: the Moment Distribution of Hardy Cross—the Conjugate Point Method of Leon Nishkian or the Restraining Stiffness concept of Earle Russell, to mention only a few — some one of which the structural engineer uses every day and to which his hand has become as accustomed as to a glove.

"True enough", our friends nod, but one can easily read their thoughts. "These are precise methods which will give answers as exact as the fundamental equations themselves. The forces generated on a structure by an earthquake are something else altogether." That also is more or less true—rather more than less, probably; but, nevertheless and notwithstanding, none of these methods of analysis is more valid than the basic assumptions underlying them; he loads to which they will be subjected; the modulus of elasticity of our materials; the deformations due to shear, which we cheerfully neglect; or the distribution of the stresses within the section, which we have simplified because we know that in the vast majority of cases no appreciable error is involved.

Now, it is doubtless true, insofar as aseismic design is concerned, that it is "beyond the ability of any mathematician to develop formulae which would take accurate account of the extremely variable nature of the factors involved"—the complexity of the earthquake waves and the structures which a capricious clientele (and we do not here refer exclusively to the architectural profession) ask us to design to withstand them. Some simplifications of these factors must be introduced.

Ships are designed to sag between standardized waves or to hog over them and there is no loss of virtue in the fact that in a long and vigorous life of going to and fro acros the seas our vessel may never have encountered any such idealized undulations. Suffice it that she survives the duty for which she was designed.

Now, if we substitute simple harmonic motion for the unpredictable jiggling of our earthquake and assign to our structure that period of vibration which most closely coincides with that of similar structures—the free period of structures of all kinds has been determined experimentally by our good friends of the Coast and Geodetic Survey—we can begin to get somewhere.

As an approximation, then, buildings have a free period of from 1/10 to 1/20 of a second per story, depending upon the type and general dimensions of the structure. It isn't to important for our purposes at the moment. It will change appreciably with amplitude, anyhow, as certain stiffening elements within it come into play or are fractured and so go out of action.

It is pretty well established that earthquakes have periods ranging from one-tenth of a second to possibly as much as two second, but the accelerations of these later are so low that they need cause us ltle concern. The "oomph" in earthquakes is pretty largely supplied by the acceleration, particularly with reference to relatively rigid structures, and high accelerations are invariably associated with short periods. Taken together, of course, these two are a measure of the energy generated by the earthquake—the amplitude of the movement, divided by the time involved, giving us the velocity of the movement, and dividing through by "time" again, gives us the acceleration—in the familiar terms of feet per second per second.

Now, if our building in infinitely rigid we cannot evade the fact that the full acceleration of the 'quake will be imparted to it and we will be somewhat at a loss to explain away the fact that very rigid one-story buildings designed for ten per cent of gravity have come through earthquakes generating 30 or 35 per cent without damage. The answer lies, of course in the fact that there was some deformation of the structure, however small—some natural period, however brief, so that the full force of the 'quake was not imparted to the structure, or probably more correctly, was absorbed in deforming it.

Further, there is probably a much greater factor of safety available to resist the instantaneous maximum stresses generated by an earthquake than we are accustomed to think of when considering the long-time loading on which our maximum working stresses are set up.

It is my belief that, even after the usually permissable one-third increase in working stresses has bee nadded, we have available at least 100 per cent additional before the ealstic limit will be reached. Let us, then, consider a one-half "g" 'quake as a probably maximum against which we can hope to design; divide it by two for this factor of safety and by two again for the deformation of the structure and we come to about 12½% for the equivalent static load against which is should be designed. Now, it will generally be conceded that this is no particular trick; involves little if any additional cost to the owner and generally to be achieved by the exercise of just a little ingenuity on the part of the structural engineer.

All extraneous loads should be forgotten, such as the fictitious live loads on our roofs and the floors of ordinary buildings, or let us allow an additional five per cent for them and we will come to the 13-1/3% set up in the Los Angeles Code for a one-story building or the top story of any building.

Well, I fear that the cat is out of the bag now and it behooves us to look well to the bonds of our colleagues lest our amiable discussion end right here. I might just as well admit it—I am going to plug for some such formulae as that contained in the Los Angeles City Code—the not so well known factor of $H = W \dfrac{60}{4\frac{1}{2} \text{ plus } n}$ in which W equals the total deadload above the floor under consideration and "n" is the number of stories above the story being considered.

It will probably be well to pass out to you now a little mimeographed table which I have prepared, showing the lateral forces required by this formula on a column having a dead-load of 50,000 pounds per story—the load that would be supported by one column of a 20x20 bay carrying 125 pounds per square foot dead-load.

On it is shown the percentage of gravity required for each story as we move down from the top; the total shear in each story in amount and then plotted to scale, so that you may see the form of the shear curve.

Below the 26th floor the Riley Bill catches up with us and we must use 2% of gravity from there on down—which is probably just as well. Also, in passing, it may be well to note that the wind force will also catch up with us about this time on the broad face of a [illegible] building, say one about

ula previously mentioned.

It has, of course, been scaled to fit the diagram of the shears in our hypothetical building. I do not, nor do I believe anyone else can, hold any brief for the magnitude of the shears given by this formula or any other, but I think that a study of the subject will lead you to concur in the following statements regarding it:

First, that it is of the correct shape to cover, as well as any formula can, the variation of shear with height of building.

Second, that it is a sound minimum as well as the practical maximum that can be written into an ordinance to give that reasonable degree of safety to life and limb which is all that the police power of the State can justifiably encompass. When the structural engineer has reason to believe that severer stresses may be occasioned in a given structure or that additional strength or stiffness should be provided to reduce probable damage to equipment, installations, or expensive finish, he should confer with his client as to the advisability of providing for them.

A few words more and I shall be happy to relinquish the podium. I think that where an appreciable change in planform occurs at any level in a building, that level should be considered the "top story" for the purposes of the formula and should be required to carry 13-⅓% of its own weight plus that shear given by the formula for the portions of the building above.

That's a somewhat involved statement, but I'm sure that you follow me and that it could be written into an ordinance, so that its meaning would be unmistakable. The reason for it will, I believe, be quite clear to most of you who have made a study of, or even thought much about, the stresses set up by horizontal forces in structures which have sudden changes in stiffness at different levels.

I think that the frame of the building should only be required to carry those shears that may occur during the erection of the frame and that the seismic forces should be distributed to the various permanent structural elements of the building in proportion to their relative stiffness. Any other procedure seems absure. The formula should not be used for tanks and towers or for stacks and similar structures. For reasons that I do not have time to go into now, I feel that these always present special problems and require the detailed study of an expert.

Now let me repeat my opening statement: that I have prepared this paper with the idea in mind that discussion will lead to a more rational seismic formula than any of those now set forth in the vast majority of Building Codes with which we are required to conform.

Columbia Basin Two-Mile Solid Rock Tunnel Big Enough to Hold Freight Train

Speeding up its construction schedule for the million-acre Columbia Basin Project of south-central Washington, the Bureau of Reclamation is calling for bids for driving a huge tunnel, 23 feet in diameter and nearly two miles long, through solid rock in the vicinity of Coulee City, Wash., and for the building of about four miles of main canal and approximately 1,000 feet of concrete siphon in that area.

The gigantic siphon, largest of its type in the Pacific Northwest, will feed directly to the tunnel piercing a barrier of basalt. The two structures will be so large that a railroad locomotive could be operated in them "with plenty of rom to spare," Regional Director R. J. Newell commented.

Newell said that bids on the canal, siphon, and tunnel will be accepted by the Bureau at Coulee Dam until 10 A. M., April 15, and will be opened at that time. He added that the early call for bids was prompted partly by the fact that large numbers of recordable contracts are being received from the thousands of persons owning land in the basin. These contracts, which guarantee delivery of irrigation water to the hundreds of thousands of acres of arid and semi-arid land in the basin, are to be signed and returned to the Bureau at Coulee Dam by April 9.

"Many hundreds of the landowners are eastern residents", Newell added, "and their land cannot be served by the irrigation system unless it is covered by a recordable contract."

Copies of forms and specifications on today's bid call for the canal, siphon, and tunnel work may be obtained from the Bureau of Reclamation, Department of the Interior, Washington 25, D. C.; Chief Engineer Walker R. Young, Customhouse, Denver 2, Colo.; Regional Director R. J. Newell, Box 937, Boise, Idaho; and Supervising Engineer Frank A. Banks, Coulee Dam, Wash.

Newell said the successful bidder must complete the work within 900 calendar days after receiving the notice to proceed.

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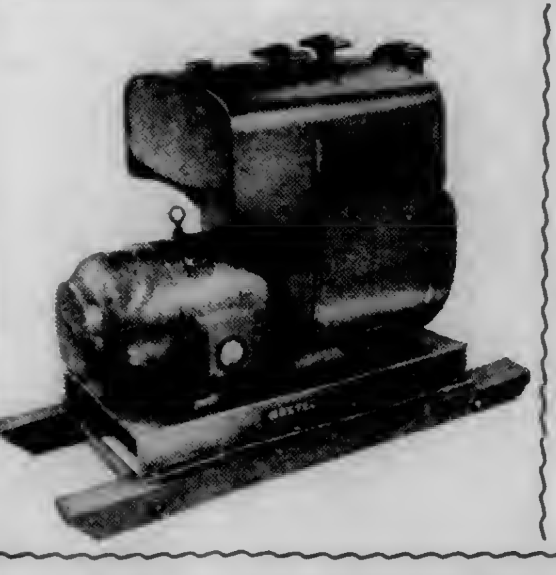

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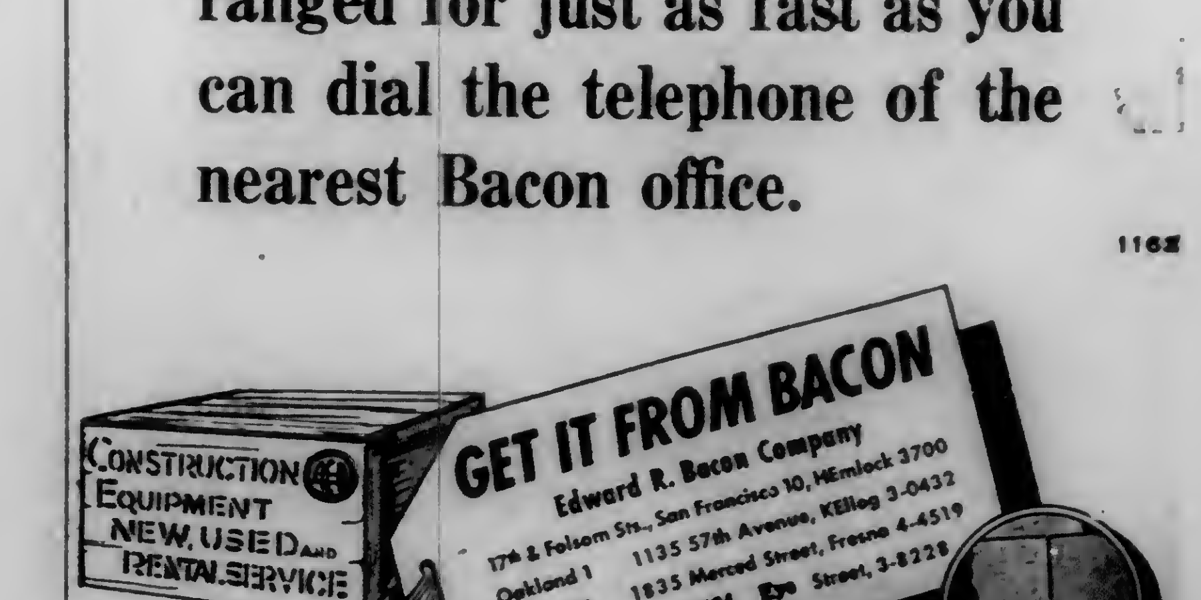
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BUILDING SECTION

NEWS INDEX

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1-8—COMMERCIAL BLDGS.

3/22/46 • 7
WORK UNDER WAY
STORE ADDN Est. Cost, $18,000
MILL VALLEY, Marin Co., Calif. South side Locust Street, 200 feet east of corner of Locust and Miller.
Addition to Efficiency Food Market building to be divided into two stores on the ground floor and two 3-bedroom apts. on 2nd floor.
Owner—Manuel S. Azevedo, 127 Sycamore Ave., Mill Valley.
Contractor—J. J. Hornsby, 135 Evergreen Ave., Mill Valley.

3/22/46 •• 6
WORK UNDER WAY
THREE STORES Est. Cost, $18,500
SAN CARLOS, San Mateo Co., Calif. El Camino Real.
Construction of three reinforced concrete stores.
Owner—G. B. Merritt.
Architect—John Davis Young, North Lemon Ave., Menlo Park.
Contractor—Chester W. Williamson, 938 Villa St., Mountain View.

3/22/46 •• 7
CONTRACT AWARDED
SUPERMARKET Est. Cost, $85,000
MILL VALLEY, Marin County, Calif. Corner Locust St. and Miller Ave.
Construction of supermarket and professional office building (100x80 ft.).
Owner—Manuel S. Azevedo, 127 Sycamore Ave., Mill Valley.
Contractor—Joe Hornsby, 135 Evergreen Ave., Mill Valley.

3/22/46 •• 8
WORK UNDER WAY
REMODEL STORE BUILDING Estimated Cost, $80,000
SACRAMENTO, Sacramento County, Calif. 13th and I Sts.
Modernization of exterior and complete rebuilding of interior of auto display building, including installation of new fixtures and equipment.
Owner—Lester Motors, Ford dealer, 13th and I Sts., Sacramento.

3/22/46 •• 6
PLANS COMPLETED
STORE BUILDING Cost, $30,000
FRESNO, Fresno County, Calif.
Construction of one-story class C store building.
Owner—J. C. Millet Co.
Architect—Irvin William Goldstine, 821 Market St., San Francisco.

3/22/46 • 5
TO START WORK
DRIVE-IN RESTAURANT Estimated Cost, $60,000
CORTE MADERA, Marin Co., Calif. Corte Madera Rd. intersection and Highway 101.
Construction of modern drive-in fountain an drestaurant (265x185x265 ft.), circular, with half of front walled-in glass, to seat 50 persons; parking space to accommodate 50 cars; to be called "The Circle."
Owner—E. C. Noon, 616 Main St., Sausalito, and O. M. Leth-Weile, San Francisco.
Architect—Conrad T. Kett, 75 CrescIente Dr., Sausalito.
Contractor—DeLuca & Son, 1745 Filbert St., San Francisco.

3/22/46 •• 4
PREPARING PRELIMINARY PLANS
OFFICE BUILDING Cost, $800,000
BERKELEY, Alameda County, Calif. Center St. near Milvia.
Construction of six-story office building containing approximately 17,000 sq. ft. of office space for each floor.
Owner—State Farm Insurance Co., Norval P. Goelzer, vice-president, 2054 University Ave., Berkeley.
Architect—James W. Plachek, Mercantile Bldg., Berkeley.
Plans provide for one additional story to be added later.

3/22/46 • 8
CONTRACT AWARDED
REMODEL STORE BLDG. Cost, $75,000
SACRAMENTO, Calif. SE Cor. 10th and J Streets.
Existing brick structure to be demolished to basement, new footings, sidewalk, etc.; also hydraulic freight elevator; steel frame and wood floor joists and brick walls; first floor and basement to be merchandise store, also a mezzanine floor; second floor to be public offices, conference room, etc.
Merchandise Store Lessee—Joe Sun & Co., Sacramento.
Architect — Frederick S. Harrison, 1206 Elks Bldg., Sacramento.
Mgr. of Constr.—Central California Constr. Co., Capitol National Bank Bldg., Sacramento.
Heating, Ventilating and Sheet Metal—M. R. Carpenter, 907 Front St., Sacramento.
Plumbing, Drainage, Etc.—Leonard U. Plummer, 1019 J St., Sacramento.
Terra Cotta—Gladding, McBean and Co., Lincoln, Calif.

3/22/46 •• 4
BIDS WANTED—TO CLOSE APRIL 10, 2 P. M.
ENTRANCE SWITCH
OAKLAND, Alameda County, Calif. U. S. Post Office and Courthouse.
Furnish and install new main entrance switch.
Owner—Federal Works Agency, Public Buildings Administration, office of the district engineer, 838 U. S. Appraiser's Bldg., San Francisco.
Plans and specifications are obtainable from the above office of the district engineer.

3/22/46 •• 6
CONTRACT AWARDED
REMODEL STORE Cost, $20,000
SACRAMENTO, Sacramento County, Calif. 1209 J St.
Remodel interior and exterior of store building into drapery shop.
Owner—Thomas Thompson.
Architect—S. Louis Barovetto, 620½ I St., Sacramento.
Contractor — Harry W. Robertson, 2917 T St., Sacramento.

3/22/46 •• 2
PREPARING PLANS
GARAGE Cost, $175,000
SAN FRANCISCO. N. Turk, 137.6 Leavenworth.
Construction of three-story class B garage.
Owner—Yellow Cab Co., 245 Turk St., San Francisco.
Architect—Albert F. Roller, 1 Montgomery St., San Francisco.

3/22/46 • • 5
PREPARING WORKING DRAWINGS
SHOP Est. Cost, $18,000
SANTA CRUZ, Santa Cruz Co., Cal.
Construction of 1-story reinforced concrete bakery shop.
Owner—Withheld.
Architect—C. J. Ryland, Box 847, Carmel.

3/22/46 • • 3
PREPARING WORKING DRAWINGS
GARAGE BLDG. Est. Cost, $30,000
MONTEREY, Monterey Co., Calif.
Construction of reinforced concrete garage building.
Owner—Withheld.
Architect—C. J. Ryland, Box 847, Carmel.

3/22/46 • • 8
CONTRACT AWARDED
MACHINE SHOP Est. Cost, $400,000
SUNNYVALE, Santa Clara Co., Cal. East and west sides of present plant.
Construction of three new units to include machine shop (400x60-ft.) and tool sheds (235x50), all of reinforced concrete construction.
Owner—Wooldridge Mfg. Co., Hendy Ave., Sunnyvale.
Contractor—Earl W. Heple, 494 Delmas Ave., San Jose.
Plans by Contractor.

3/22/46 •• 4
PLANS BEING FIGURED—BIDS OPEN APRIL 12
OFFICE AND LABORATORY
RICHMOND, Contra Costa Co., Calif.
Construction of office and laboratory building.
Owner — California Research Corp., 200 Bush St., San Francisco.
Plans by engineering department of owner.
Plans are being figured by a selected list of contractors.

3/22/46 • • 3
TO START WORK
QUICK FREEZE PLANT Est. Cost, $350,000
WOODLAND, Yolo Co., Calif. North of Marvin Landplane Company on Knights Landing - Woodland highway.
Construction of one-story concrete quick freeze plant to cover five acres, and freezing warehouse.
Owner—Karl H. Koch, 25 Court St., Woodland.
Plans by Owner.
Contractor—Empire Constr. Co., 344 Harriet St., San Francisco.
Ground will be broken in three or four weeks and completion is expected by Sept. 1. Costs include $200,000 for the building and $150,000 for equipment, bringing the total cost to $350,000.

3/22/46 • • 8
TO START WORK
DEPARTMENT STORE Est. Cost, $100,000
RICHMOND, Contra Costa Co., Cal. Tenth Street.
Construction of new 2-story department store and remodeling of the Keller building, both structures on 10th Street and will be integrated with the Annex building on 9th St. The Tenth Street frontage will be 125 feet.
Owner—Alberts, Inc., 835 Macdonald Ave., Richmond.
Plans by Owner.
Contractor—Empire Constr. Co., 344 Harriet St., San Francisco.
Work will start within a week to ten days and completion is expected by August or September.

9-10—EDUCATIONAL BUILDINGS

3/22/46 • • 9
PLANS COMPLETED
SCHOOL ADDN. Cost, $30,000
SAN ANDREAS, Calaveras Co., Cal.
Construction of one classroom and one all-purpose room at elementary school; frame and stucco.
Owner — San Andreas Elementary School District.
Architect—Geo. C. Sellon, California State Life Bldg., Sacramento

3/22/46 • 8
WORK UNDER WAY
STORE BLDG. Est. Cost, $100,000
FRESNO, Fresno Co., Cal. NW cor N and Stanislaus Streets.
Construction of 1½-story sales and service bldg. (150x75).
Owner — Sloss and Glikbarg, 2005 Broadway, Fresno, E. A. Harris, Manager.
Contractor — Trewhitt, Shields and Fisher. 1501 Pacific SW. Bldg., Fresno.

3/22/46 •• 9
ARCHITECT SELECTED
HIGH SCHOOL WING Approximate Cost, $100,000
ALAMEDA, Alameda County, Calif. Alameda High School.
Construction of new west wing to replace old wing now condemned.
Owner—Alameda Unified School District, William G. Paden, secretary, 2267 Alameda St., Alameda.
Architect—Ernest J. Kump Co., 25 Kearny St., San Francisco.

3/22/46 ••
FUNDS AWARDED
SCHOOL BLDGS. Est. Cost, $125,00
SANTA FE, Santa Fe County, N. M
Construction of two-story additio
having 8 classrooms, auditorium
gymnasium and auxiliary rooms.
Owner—Santa Fe School District,
C. Harvey, president of Municip
School Board, Santa Fe.
Engineer—John Gaw Meem, Sant
Fe, N. M.
The Bureau of Community Facil
ties, Federal Works Agency, 2223 Fu
ton St., Berkeley, Calif., award
funds in amount of $5265 to assist
preparation of plans.

3/22/46 ••
FUNDS AWARDED
AUDITORIUM Est. Cost, $127,7
LOVINGTON, Lea County, N. M.
Construction of auditorium.
Owner — Lovington School Distri
Mr. J. L. Yarbro, president of t
Board of Education, Lovington.
Engineer—Schaefer & Merrell, Clov
N. M.
The Bureau of Community Faci
ties, Federal Works Agency, 2223 F
ton St., Berkeley, Calif., award
funds in amount of $3272 to ass
in preparation of plans.

BONDS DEFEATED
SCHOOL ADDITIONS Cost $800,000
REDWOOD CITY, San Mateo Co., Calif. Sequoia High School.
School additions, including machine shop and mechanical drawing building, $69,000; recreation building, $18,000; new main boys' gymnasium room, $137,000; 16-room commercial wing, $119,500; little theater, $40,000; auto shop, aeronautics, forging and welding unit, $72,400; improve girls' gymnasium, $53,500; homemaking, fine arts, language and mathematics building, $190,530; fundamental shop unit, $25,000; remodeling academic building, $15,000; cafeteria and health unit, $17,000.
Owner—Sequoia Union High School District, A. C. Argo, superintendent, Broadway, Redwood City.
Architect—Not announced.
The district defeated a proposal March 19 to issue bonds in amount of $1,500,000 to finance the above construction and two new high school buildings. The next meeting of the board will be held April 19.

3/22/46 •• 9
BOND DEFEATED
HIGH SCHOOL Cost, $350,000
REDWOOD CITY, San Mateo Co., Calif. Menlo Park area.
Construction of new high school building to include 12 classrooms, 3 science laboratories, clothing laboratory, office, service area, cafeteriar, a little theater with capacity of 400 seats, general shop and gymnasium.
Owner—Sequoia Union High School District, A. C. Argo, superintendent, Broadway, Redwood City.
Architect—Not announced.
The district defeated a proposal March 19 to issue bonds in amount of $1,500,000 to finance the above project and two other projects.

3/22/46 •• 9
BONDS DEFEATED
HIGH SCHOOL Cost, $350,000
REDWOOD CITY, San Mateo Co., Calif. Bourdette property between San Carlos and Belmont.
Construction of new high school building to include 12 classrooms, 3 science laboratoles, clothing laboratory, office, service area, cafeteria, a little theater with capacity of 400 seats, general shop and gymnasium.
Owner—Sequoia Union High School District, A. C. Argo, superintendent, Broadway, Redwood City.
Architect—Not announced.
The district defeated a proposal March 19 to issue bonds in amount of $1,500,000 to finance the above project and two other projects.

3/22/46 •• 9
BONDS VOTED
SCHOOL ADDITION
NEVADA CITY, Nevada Co., Calif.
Construction of additions and alterations to school building.
Owner—Union Hill School District.
Architect—Not announced.
The school district voted bonds March 19 in the amount of $18,000, proceeds of which will be used to finance the above construction.

Empire Constr. Co., 344 Harriet St., San Francisco.
MacDonald, Young & Nelson, 121 Montgomery Street, San Francisco.
Daley Bros., 426 Bryant St., San Francisco.
Transwestern Constr. Co., Rialto Bldg., San Francisco.
Radimann-Guisto, 40 Ringold St., San Francisco.
Erbentraut & Summers, 446 6th St., San Francisco.
Russell A. Cullen, 478 Jackson St., San Francisco.
Peter Kiewit Construction Co., 442 Post St., San Francisco.
A. Farnell Blair, 9 Main St., San Francisco.
M. J. King, Inc., 231 Franklin St., San Francisco.

3/22/46 12
TO START CONSTRUCTION
MFG. BLDG. Cost, $60,000
RICHMOND, Contra Costa Co., Cal. 1141 South 14th Street.
Construction of masonry mfg. and office building.
Owner—National Oil Products Co., 1141 S 14th St., Richmond.
Consractor—W. K. Owen, 5755 Landgren Ave., Emeryville.

3/22/46 •• 12
PLANNED
PLANT Est. Cost, $100,000
SAN MATEO, San Mateo Co., Calif. Bayshore Highway between Tilton Ave. and Monte Diablo.
Construction of bottling plant and warehouse (600x300 ft.) to cover 90,000 square feet.
Owner—Coca-Cola Co., 1560 Mission St., San Francisco, Milan L. Jacobs, manager.

3/22/46 • • 13
BIDS WANTED
FORT PECK, Mont.—Until April 12, 11:00 A. M., new bids will be received by the U. S. District Engineer Office, Fort Peck, Mont., for furnishing labor, material and equipment in connection with construction of jobs (1) and (2) at the Fort Peck power house, Fort Peck, Mont.; Serial No. 24-016-46-19.

Plans and specifications are available from the above office upon deposit of $50 for Job (1) and $25 for Job (2). A bid bond in amount of 20% of bid required.

JOB No. 1

The removal, salvage, disposal, or replacement of certain specified existing temporary covers or bulkheads; placing all specified reinf. concrete work, grouting and pressure grouting in the Fort Peck Power House, penstock area and Main Control Shaft No. 1 and No. 2; installation of two (2) butterfly valves in Nos. 1 and 2 penstocks, respectively; furnishing and installing the specified portion of the structural steel and reinforced concrete deck over the penstock area; installation of a 20,000-hp. water-wheel turbine and its associated hydraulic governor; installation of reinforced concrete foundations for 16,667 kva (15,000

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Clayton and Ygnacio Canals Specification No. 1188	Central Valley Project	3-27

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

N. Rothman Factory, South San Francisco; Bids open March 26, 2 P. M.
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081)
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Transwestern Constr. Co., Rm. 825, Rialto Bldg., S. F. (DOuglas 5708)
Rademann-Guisto, 40 Ringold St, San Francisco (MArket 8151)
Peter Kiewit Sons' Co, 442 Post St., San Francisco (EXbrook 5736)
Empire Constr. Co., 344 Harriet St., San Francisco (HEmlock 3400)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209)

Garage, R. Casazza, Lomita Park; Bids open March 22, 11 A. M.
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)

Remodel Fortuna Market, 18th and Connecticut, S. F.; Bids open March 22
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070)

Warehouse and Office, Firebrick Supply, 18th and Indiana Streets, San Francisco; Bids open March 27, 3:00 P. M.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209)

Office and Lab. Bldg., Calif. Research Corp., Richmond; Bids open April 12
E. S. McKittrick Co., 610 16th Street, Oakland (TWin Oaks 5070)

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ADVANCE CONSTRUCTION REPORTS

kw), a-c generator and furnishing only the services of an overhead type crane operator during the erection of the generator by the generator manufacturer; installation of two (2) 13.8 kv switchgear cubicle units and one (1) generator neutral breaker switchgear cubicle unit; furnishing and installing misc. steel structures, tanks, valves and piping; construction of certain specified equipment and structures; and clean-up of the general construction areas used in the performance of this contract, located at Fort Peck, Mont.

JOB No. 2

The completion of the additions to the electrical conduit and wiring systems to approx. elevation 2128.0; the installation of the high voltage bus work and control wiring for a 16,667 kva, 13.8 kv, a-c generating unit and associated switchgear; the installation of additional control and meter wiring; the installation of certain misc. electrical equipment; the installation of an air conditioning unit; the exterior cleaning and painting of certain specified transformers, regulators and reactor in the outdoor substation yard; and the installation of the conduit and wiring for certain other specified equipment furnished and installed by others but to be electrically connected under this contract, in the Ft. Peck Power House. Substation, and Penstock Areas.

The only bid for this work, submitted Feb. 5, by Morrison-Knudsen at $828,226. has been rejected.

3/22/46 ** 12
PREPARING PLANS
CHILLING PLANT Cost, $50,000
MONTEREY, Monterey County, Calif.
Construction of new 100-ton capacity chilling plant, concrete foundations, wood structures, concrete floors.
Owner—Carmel Canning Co., J. R. Perry, president, Oceanview Ave., Monterey.
Architect—C. J. Ryland, Box 847, Monterey.

14-17—PUBLIC BLDGS.

3/22/46 ** 15
BOND ELECTION
BERKELEY, Alameda Co., Calif.—City of Berkeley will vote April 30 a proposal to issue bonds in amount of $3,200,000, $195,000 of which will finance new, relocated and consolidated firehouses and additional equipment.

3/22/46 * 14
TO START WORK
BANDSTAND AND STAGE
Est. Cost. $20,000.
SANTA CRUZ, Santa Cruz Co., Cal. Beach.
Construction of super-outdoor bandstand and stage, to be 50% larger and 15 ft. taller than present stage, portable glassed-in front, seating capacity of bandstand to accommodate 80-piece symphony orch.
Owner—Santa Cruz Seaside Co., Santa Cruz. Louis W. Jenkins, Pres.
Architect—C. J. Ryland, Box 847, Monterey.
Contractor—Hamilton & Church, 383 Ocean St., Santa Cruz.

3/22/46 ** 14
CONTRACT AWARDED
SKATING RINK Cost, $50,000
SAN MATEO, Calif. 363 N. Bayshore.
Construction of masonry and wood roller skating rink.
Owner—Edward Stollery, 464 Midway Ave., San Mateo.
Plans by E. Jay Miller, 3rd Ave., San Mateo.
Contractor—George Arthur & Sons, 941 S. Claremont St., San Mateo.

3/22/46 ** 15
BOND ELECTION
MUNICIPAL BUILDING Cost $15,000
WILLOWS, Glenn County, Calif.
Construction of municipal building for recreational purposes.
Owner—City of Willows.
Architect—Not given.
The city will vote April 16 on a proposal to issue bonds in the amount of $15,000 to finance the above construction.

3/22/46 ** 17
PLANS COMPLETED
DETENTION HOME Cost, $150,000
AUBURN, Placer County, Calif.
Construction of two-story reinforced concrete detention home.
Owner—County of Placer.
Architect—George C. Sellon, California State Life Bldg., Sacramento.

3/22/46 ** 16
BIDS OPENED
INTERIOR PAINTING, ETC.
ST. ANTHONY, Idaho.
Interior and exterior painting, U. S. Post Office.
Owner—Federal Works Agency, Public Buildings Administration, office of the district engineer, 838 U. S. Appraiser's Bldg., San Francisco.
Low Bidder—Grohme Co., Decatur, Ill., $1945.
Other bids were:
R. A. Newman, McMinnville, Ore., $1960.
H E. Giggle, Boise, Idaho, $3463.

3/22/46 ** 16
BIDS OPENED
SIDEWALKS, PAINTING, FLOORS
LA GRANDE, Oregon.
Construction of concrete sidewalks, exterior painting and repairs to wood floors at U. S. Post Office.
Owner—Federal Works Agency, Public Buildings Administration, office of the district engineer, 838 U. S. Appraiser's Bldg., San Francisco.
Low Bidder—Lorre Building Service, La Grande, Ore., $2158.
G. Dorsuch, La Grande, at $3600, submitted only other bid.

3/22/46 ** 16
BIDS OPENED
SPRINGVILLE, Utah.—C. C. Nelson, Provo, Utah, at $258, submitted low bid to the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for exterior painting, etc., U. S. Post Office, Springville, Utah.
Other bids were:
G. W. Christenson, Salt Lake City, Utah, $420.
Skog Co., Murray, Utah, $435.
R. A. Newman, McMinnville, $610.

3/22/46 ** 16
BIDS WANTED—TO CLOSE
APRIL 10, 2 P. M.
ELEVATOR CABLES
OAKLAND, Alameda County, Calif. U. S. Post Office and Courthouse.
New cables on freight elevator.
Owner—Federal Works Agency, Public Buildings Administration, office of the district engineer, 838 U. S. Appraiser's Bldg., San Francisco.
Specifications obtainable from the above office of the district engineer.

3/22/46 ** 16
BIDS WANTED—TO CLOSE
APRIL 3, 2 P. M.
CHECK ON ELEVATOR DOORS
SAN FRANCISCO. Federal Office Building.
New checks on elevator doors.
Owner—Federal Works Agency, Public Buildings Administration, office of the district engineer, 838 U. S. Appraiser's Bldg., San Francisco.
Specifications obtainable from the above office of the district engineer.

3/22/46 ** 16
BIDS WANTED—TO CLOSE
APRIL 10, 2 P. M.
INSIDE WINDOW GUARDS
SACRAMENTO, Calif. New Post Office and Courthouse.
Inside window guards.
Owner—Federal Works Agency, Public Buildings Administration, office of the district engineer, 838 U. S. Appraiser's Bldg., San Francisco.
Specifications obtainable from the above office of the district engineer or from the custodian of the building at Sacramento.

3/22/46 ** 15
BOND ELECTION
CITY HALL ADDN. Cost $390,000
BERKELEY, Alameda County, Calif.
Construction of three-story reinforced concrete addition of wing on each end of present City Hall building and remodeling of interior.
Owner—City of Berkeley, City Hall, Berkeley.
Architects—B. Reede Hardman, 2068 Allston Way, Berkeley, and James W. Plachek, Mercantile Bldg., Berkeley, associate architects.
Plans have been completed.
The city will vote April 30 on a proposal to issue bonds in the amount of $3,200,000, $390,000 of which sum will finance the above construction.

3/22/46 * 15
PROSPECTIVE BIDDERS
FERRY BLDG. ADDITIONS
SAN FRANCISCO. Embarcadero
Construction of additions and alterations to provide office space for San Francisco Naval Base.
Owner—Board of State aHrbor Commissioners, Ferry Building.
Plans by Engrg. Dept. of Owner, F. G. White, chief engineer, Ferry Building.
Plans and specifications obtainable from the above office of the State Harbor Commissioners upon deposit of $20.00.
As previously reported, bids will be opened April 4, 2 P. M.
Following contractors have taken out plans:
Metropolitan Constr. Co., 111 Montgomery St., San Francisco.
Fred J. Eearly, Jr., 369 Pine St., San Francisco.
Monson Bros., 475 Sixth St., San Francisco.
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., San Francisco.

3/22/46 ** 14
PLANS BEING FIGURED—NO DEFINITE BID OPENING SET
ABBATOIR
CONCORD, Contra Costa Co., Calif.
Construction of steel and reinforced concrete abbatoir (60x104 ft.).
Owner—Ginochio Bros. cattle ranch, 1601 Galindo, Concord.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.
Engineer—James M. Smith, 251 Kearny St., San Francisco.
A definite bid opening date will be set shortly by the owners, who are taking the bids.
Following is partial list of contractors figuring plans:
Stolte, Inc., 8451 San Leandro St., Oakland.
Swanstrom & Stahl, 2034 Hoover Ave., Berkeley.

18-19—RELIGIOUS BLDGS. BUILDINGS

3/22/46 ** 19
PLANNED
MORTUARY Est. Cost, $25,000
SAN JOSE, Santa Clara Co., Calif. Northeast corner of 10th and E. Santa Clara Sts.
Expansion of mortuary establishment.
Owner—Roger Darling Garden Chapel, 471 E. Santa Clara St., San Jose.

20-21—SOCIAL AND RECREATIONAL BLDGS.

3/22/46 * 20
PLANNED
IMPROVEMENT TO GOLF CLUB
Est. Cost. $35,000
SAN BRUNO, San Mateo Co., Cal. Millbrae Park.
Improvements to Green Hills Country Club.
Owner—Green Hills Country Club, Millbrae Park, San Bruno, Ted De Tata, Manager.

3/22/46 ** 21
ARCHITECT SELECTED
THEATER Est. Cost, $108,000
SAN CARLOS, San Mateo Co., Calif. Laurel and White Oak Way.
Construction of building (100x175 ft.) to contain theater, drug store and restaurant; seating capacity approximately 1000 seats.
Owner — Ray A. Knight, 1290 45th Ave., San Francisco.
Work is expected to start in about six weeks.

3/22/46 ** 20
BIDS WANTED—TO BE OPENED
APRIL 8, 2 P. M.
PAINT FENCE
SAN FRANCISCO. San Francisco Zoological Gardens.
Painting of fence around gardens.
Owner—Board of Park Commissioners, McLaren Lodge, Golden Gate Park.
Plans and specifications obtainable from the office of the secretary of the board upon deposit of $5.

22-26—RESIDENTIAL BUILDINGS

3/22/46 * 22
WORK UNDER WAY
MOTEL Est. Cost, $30,000
INDEPENDENCE, Inyo Co., Calif East side of highway at Edwards and Park Streets.
Construction of 12-unit L-shaped motel of Swiss chalet type bldg.
Owner and Builder—L E Kesselman, c/o Spates Cabin, Oak Creek.
Architect—J. A. Larralde 4800 Hampton Road, La Canada.

3/22/46 ** 26
PLANNED
SUBDIVISION Cost, $7,000,000
SAN MATEO COUNTY, Calif. Tract west of El Camino Real and north of Millbrae Highlands.
Construction of 700 residences.
Owner and Builder—Max Schmidt, 140 Robler, Hillsborough, and Theodore Loy, 1524 Arc, Burlingame.
Engineer—Basil W. Walters Jr., 1319 Howard Ave., Burlingame.

3/22/46 ** 22
TO START CONSTRUCTION
MOTEL Cost, $200,000
ELKO, Elko County. Nev. Idaho St. between 8th and 9th Sts.
Construction of U-shaped two-story 65-unit motel to be named "Ranchinn," large lobby, central heating plant, air conditioning, brick veneer, hollow tile partitions.
Owners—Newton Crumley and Newton H. Crumley, 731 A St., Elko, Nev.
Architect—A. B. Paulson, Salt Lake City, Utah.
Contractor — Olsen Construction Co., Lincoln, Neb.

3/22/46 ** 22
REMODEL HOTEL
ELKO, Elko County, Nev. Commercial Hotel.
Remodel hotel, replacing the 60-year-old section with a modern building to provide a three-story building throughout, with provision being made for eventual addition of two more floors.
Owners—Newton Crumley and Newton H. Crumley, 731 A St., Elko, Nev.
Architect—Not announced.

3/22/46 ** 23
PREPARING WORKING DRAWINGS
APARTMENT HOUSE & STORES
Cost, $75,000
YREKA, Siskiyou County, Calif.
Construction of frame and brick apartment house, with stores and frozen food locker on first floor.
Owner—R. S. Smith, c/o architect.
Architect—H. C. Baumann, 251 Kearny St., San Francisco.

3/22/46 ** 26
TAKING SEGREGATED BIDS
RESIDENCES Est. Cost, $120,000
MILL VALLEY, Marin County, Calif. Blythedale.
Construction of 11-unit project, residences, three $10,000 homes to be completed first, four $15,000 homes and remodeling of the Bernard home to be converted into two apartments ($15,000).
Owner—Milland Development Co., c/o Louis Cohen, 605 Market St., San Francisco.
The owner is now taking segregated bids on all portions of the work.

28-30—MISCELLANEOUS BUILDINGS

3/22/46 ** 29
BIDS WANTED
FREMONT COUNTY, Colo.—Until March 26, 10 A. M., bids will be received by A. F. Hewitt, state highway engineer, Denver, Colo., for gravel resurfacing of 3.569 miles of S. H. 115, between Penrose and Colorado Springs in Fremont County; Federal Aid Secondary Project No. FAS 365 (10); 300 days for completion.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Water Supply and Sewage Disposal Plants 31-32
Bridges 33
Dams, Reservoirs and Dredging 34
Docks, Piers & Harbors 35
Parks, Airports and Playgrounds 36
Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

(Continued on Page Seven)

3/22/46 * 31
CONTRACT AWARDED
LONE PINE, Inyo Co., Calif.—Shuey Drilling Co., Fallon, Nev., at $10 per foot (complete with 10-inch heavy-duty casing and well-point) submitted only bid and awarded contract by the Lone Pine Union High School Dist., Lloyd Taylor, clerk, Lone Pine, for drilling of 10-in. well to a depth of at least 180 ft. Well to be finished with 10-inch double-duty casing. If necessary, driller is to telescope well with 8-in. inner casing to finish up. When the well is completed the casings are to extend 18 inches above the surface of the ground. All materials to be furnished by the driller.

3/22/46 * * 31
BIDS OPENED
CONTRA COSTA COUNTY, Calif.—Patrick M. Sofarelli, 20337 Anita Ave., Hayward, at $5068 submitted low bid to the East Bay Municipal Utility District, Room 406, 512 16th St., Oakland, under LS-352 for construction of Schapiro pumping plant near Richmond, including furnishing all labor and materials.

Work involves:
(1) lump sum, constructing Schapiro pumping plant building;
(2) 5 c.y. concrete;
(3) 25 c.y. excavation;
(4) 6 c.y. fill—all fill required inside the building.

Complete bids follow:
Patrick M. Sofarelli, (1) $4826; (2) $20; (3) $5; (4) $3; total, $5068.
Elmer J. Freethy, El Cerrito, (1) $5490; (2) $30; (3) $3; (4) $3; total, $5733.
Fred J. Early Jr. Co., Inc., S. F., (1) $5662; (2) $58; (3) $6; (4) $3; total, $6120.

3/22/46 * * 42
BIDS OPENED
SAN FRANCISCO.—U. S. Pipe and Foundry Co., Monadnock Bldg., at (1) $1.56; (2) $2.11; (3) $3.24; (4) $4.56; total, $172,960 submitted low bid to the East Bay Municipal Utility District, Room 406, 512 16th St., Oakland, under LS-351 for furnishing 61,000 l.f. of cast iron pipe, diameters 10- to 20-in., for distribution system, fob bidder's shipping point.

Bids were taken as follows:
(1) 8000 l.f. 10-in. diam. Class 150 bell and spigot cast iron pipe;
(2) 20,000 l.f. 12-inch do;
(3) 25,000 l.f. 16-inch do;
(4) 8000 l.f. 20-inch do.

American Cast Iron Pipe Co., (1) $1.674; (2) $2.127; (3) $3.365; (4) $4.738; total $177,961 submitted only other bid.

3/22/46 ** 31
BIDS WANTED
LOWER LAKE, Lake Co., Calif.—Until April 8, 1:30 P. M., bids will be received by the Lake County Board of Supervisors, Thomas L. Garner, county clerk, Courthouse, Lakeport, for Lower Lake water works, including water installations, pump, pipe, excavating and backfill.
Specifications obtainable from the above office.

34—DAMS, RESERVOIRS & DREDGING

3/22/46 ** 34
PROSPECTIVE BIDDERS
GRASS VALLEY, Nevada Co., Calif. — The following contractors have taken out plans for construction of D-S canal extension, clearing and earthwork, about three miles east of Grass Valley, for which bids will be opened April 1, 2 P. M., by the Nevada Irrigation District, Grass Valley. Plans by Consulting Engineers Blackie & Wood, 544 Market St., San Francisco:
Wixson & Crowe, Box 799, Redding.
C. M. Syar, Box 1431, Vallejo.
Draper & Adams, 315 Walnut St., Red Bluff.
George F. Grant, Visalia.
Nevada Construction Co., Reno, Nev.
C. Dudley De Velbiss, Eastshore and Huntington Ave., Richmond.
A. R. McEwen, Box 1017, Sacramento.
Chittenden & Chittenden, Box 246, Auburn.
E. E. Lowell, Box 148, Vallejo.
Michael O'Hair, Box 278, Colusa.
Barney H. Stoutenberg, Hawthorne, Nev.
M. J. Ruddy, 922 Jay St., Modesto.
Andrew Bryne, Nevada City.
D. Gerald Bing, 2440 Marshall Way, Sacramento.
J. P. Breen, Box 183, Sacramento.

(Continued on Page Seven)

35— DOCKS, PIERS & HARBORS

3/22/46 ** 35
CONTRACT AWARDED
REPAIR PIER Cont. Price, $38,750
SAN FRANCISCO. Embarcadero.
Repair fender line, deck and corner cluster on west side of outer end of Pier 37.
Owner—Board of State Harbor Commissioners, Ferry Bldg., San Francisco.
Plans by engineering department of owner, F. G. White, chief engineer, Ferry Bldg., San Francisco.
Contractor — Duncanson - Harrelson Co., 1404 DeYoung Bldg., San Francisco.
Complete bids were:
Duncanson - Harrelson Co., San Francisco, $38,750.
Healy - Tibbitts Construction Co., San Francisco, $43,250.
Mercer-Fraser Co., Eureka, $45,089.
J. D. Proctor, Inc., Richmond, $45,360.
Clinton Construction Co., San Francisco, $45,600.
Case Construction Co., Alameda, $49,954.
M. B. McGowan, Inc., San Francisco, $50,946.
Ben C. Gerwick, Inc., San Francisco, $51,383.

36— PARKS, AIRPORTS & PLAYGROUNDS

3/22/46 ** 36
BOND ELECTION
BERKELEY, Alameda Co., Calif.—The City of Berkeley will vote April 30 on a proposal to issue bonds in the amount of $3,200,000, $105,000 of which will finance additional housing and equipment at corporation yard; $130,000 for additions to existing parks and playgrounds; $435,000 for acquisition of 10 new neighborhood parks and playgrounds; $100,000 for purchase of site for memorial to World War II veterans.

3/22/46 ** 36
BIDS POSTPONED
SAN FRANCISCO.—Until April 2, 3 P. M. (postponed from March 26), bids will be received by Public Utilities Commission, Room 287, City Hall, under S. F. Airport Contract No. 82 for airport extension, fill, pavement, and related construction at San Francisco Airport.

Work involves:

Proposition A:
(1) 6,000,000 c.y. dry fill;
(2) 420,000 s.y. compacting to 95% density;
(3) 25,000 M. gals. watering (unit is 1000 gals.);

Proposition B:
(1) 450,000 c.y. dry fill;
(1a) 5,550,000 c.y. hydraulic fill;
(2) 110,000 s.y. compaction to 95% density;
(3) 5000 M. gals. watering (unit is 1000 gals.);

Quantities for Items 4 to 31 are the same for Propositions A and B
(4) 135,000 c.y. rehandling;
(5) 125,000 c.y. misc. excav.;
(6) 4,000 s.y. sub-base preparation;
(7) 15,000 tons crushed rock base;
(8) 50 tons prime coat;
(9) 600 tons plant-mix surfacing;
(10) 200 s.y. bit. seal coat;
(11) 310,000 s.f. portland cement concrete pavement;
(12) none—portland cement adjustment price, to compensate for change in requirement for cement in concrete as provided in the specifications;
(13) lump sum, drainage of existing mud fill area;
(14) 100 l.f. 6-in. sale glazed vitrified clay pipe;
(15) 700 l.f. 15-in. reinf. concrete pipe
(16) 800 l.f. 18-inch do;
(17) 400 l.f. 21-inch do;
(18) 1,100 l.f. 24-inch do;
(19) 30 l.f. 21-in. corru. metal pipe;
(20) 30 l.f. 24-inch do;
(21) 1 each 21-in. automatic drainage gate;
(22) 1 each 24-inch do;
(23) 350 l.f. 21-in. corru. metal pipe, furnished by city, to be installed
(24) 350 l.f. 24-in. corru. metal pipe, furnished by city;
(25) 1 each 21-in. automatic drainage gate furnished by city;
(26) 1 each 24-inch do;
(27) 700 l.f. salvaging 21- and 24-in. corrugated metal pipe;
(28) 4 each new inlets;
(29) 11 each removal of inlets;
(30) 50 each reinstalling inlets;
(31) lump sum, removing drainage structures X and Y.

Specifications obtainable from the cashier's office, 6th floor, 425 Mason Street, upon deposit of $10.00.

Following contractors have taken out plans:
Guy F. Atkinson Co., Orange and Railroad Aves., South San Francisco.
Union Paving Co., 212 Babcock Bldg., San Francisco.
San Francisco Bridge Co., 503 Market St., San Francisco.
Macco Construction Co., Freight and Ferry Sts., Oakland.
Piombo Bros. & Co., 1571 Turk St., San Francisco.
Olympian Dredging Co., 525 Market St., San Francisco.
Hubert H. Everist Sr., 604 Mission St., San Francisco.
Case Construction Co., Box 416, Alameda.
Ben C. Gerwick, Inc., 112 Market St., San Francisco.
Charles L. Harney, 625 Market St., San Francisco.
Pacific Bridge Co., 333 Kearny St., San Francisco.
Eaton & Smith, 715 Ocean Ave., San Francisco.
Western Dredging & Construction Co., 315 Park Central Bldg., Los Angeles.
Hydraulic Dredging Co., Ltd., 1221 Central Bank Bldg., Oakland.
Peter Kiewit Sons Co., 442 Post St., San Francisco.
George Pollock Co., Forum Bldg., Sacramento.
Granite Rock Co., Box 151, Watsonville.
Franks Dredging Co., 260 California St., San Francisco.
T. E. Connolly, 461 Market St., San Francisco.
Standard Dredging Corp., 800 Central Bldg., Los Angeles.
American Dredging Co., 1419 Broadway, Oakland.

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38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

3/22/46 * * 38
BOND ELECTION
BERKELEY, Alameda Co., Calif.—City of Berkeley will vote April 30 on a proposal to issue bonds in the amount of $3,200,000; $235,000 of which will finance new street lighting.
Plans by Engineer Harry Goodridge, City Hall, Berkeley.

39—SEWERS

3/20/46 * * 39
BIDS OPENED
MILL VALLEY, Marin Co., Calif.—Freethy-Fogelberg Co., 1436 Kearney St., El Cerrito ,at $154,810.30 submitted low bid to the City of Mill Valley, City Clerk, City Hall, for construction of sanitary sewer system including vitrified clay pipe sewers of 8-, 10-, 12-, 15-, 18-, 21- and 30-in. sizes, cast iron pipe sewers of 8- and 12-in. sizes, together with manholes, lampholes, stubs, Y branches and appurtenances and a reinforced concrete trestle on wood piles for supporting the 30-inch VP pipe in untable ground.
Plans by Engineer John S. Bates, 3134 Eton Ave., Berkeley.

Work involves:
(1) 1640 l.f. constructing 30-in. vit. pipe sewer complete;
(2) 864 l.f. constructing 30-in. vit. pipe sewer on trestle, incl. construction of reinf. concrete and wood pile trestle, complete;
(3) 1883 l.f. constructing 21-in. vit. pipe sewer complete;
(4) 664 l.f. constructing 18-inch do;
(5) 4145 l.f. constructing 15-inch do;
(5) 4253 l.f. constructing 12-inch do;
(7) 1352 l.f. constructing 10-inch do;
(8) 2215 l.f. constructing 8-inch do;
(9) 54 l.f. constructing 12-inch CI pipe sewer complete;
(10) 87 l.f. constructing 8-inch do;
(11) 250 c.y. rock for unsuitable subgrade material, furnished and placed complete in trench;
(12) 41 stand. manholes with frames, covers, dust - pans and rungs constructed in sewer complete;
(13) 4 drop manholes with frames, covers, dust - pans and rungs constructed in sewer complete;
(14) 2 manholes with frames. covers, base slab, dust-pans and rungs constructed in 30-in. sewer on pile trestle, complete;
(15) 1 lamphole with frames and covers constructed in sewer, complete;
(16) 1 18-in. vit. pipe stub with plugs constructed in sewer, complete;
(17) 1 12-inch do;
(18) 3 10-inch do;
(19) 7 8-inch do;
(20) 5 30x6-in. vit. pipe Y branches constructed in sewer, complete;
(21) 15 21x6-inch do;
(22) 7 18x6-inch do;
(23) 67 15x6-inch do;
(24) 67 12x6-inch do;
(25) 30 10x6-inch do;
(36) 40 8x6-inch do;
(27) 1 unit installation for protecting 30-inch VC pipe under railroad new manhole No. 7, incl. excav., corru. pipe, gravel, etc., complete according to plans but not including the furnishing or installing of 30-inch pipe;
(28) 1 unit installation for protecting 10-inch VC pipe under railroad near manhole No. 10, incl. excav., concrete, etc., complete according to plans, but not including the furnishing or installing of 10-inch VC pipe;
(29) 28 l.f. constructing 8-inch vit. pipe sewer connections between new manholes and existing sewer structures;
(30) 108 l.f. constructing 10-inch do;
(31) 10 l.f. constructing 12-inch do;
(32) 10 l.f. constructing 15-inch do.

Total bids follow:
(A) Freethy-Fogelberg Co., El Cerrito, $154,810.30.
(B) McGuire & Hester, Oakland, $174,212.05.
(C) Steve P. Rados, Los Angeles, $196,624.40.
(D) Bechtel Bros.-McCone Co., San Francisco, $222,549.95.
(E) Stolte, Inc., Oakland, $239,285.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$17.00	$16.70	$16.05	$25.30	$15.85
(2)	45.00	38.00	56.50	101.20	75.00
(3)	9.60	9.90	10.50	7.40	12.00
(4)	6.70	7.75	9.10	6.00	10.40
(5)	5.50	7.50	7.25	5.35	9.25
(6)	4.35	6.25	6.10	4.70	7.85
(7)	4.20	5.30	5.45	4.65	6.00
(8)	2.70	4.50	5.25	3.60	6.90
(9)	8.00	9.50	23.00	16.15	46.35
(10)	5.00	5.50	9.85	7.55	43.00
(11)	7.50	5.50	5.60	15.00	6.50
(12)	150.00	204.00	293.00	210.00	250.00
(13)	175.00	225.00	316.50	230.00	250.00
(14)	200.00	408.00	561.00	600.00	250.00
(15)	30.00	27.00	49.15	55.00	45.00
(16)	2.50	4.00	5.60	3.60	10.00
(17)	1.50	2.75	5.25	2.30	4.00
(18)	1.00	2.75	5.00	2.10	3.00
(19)	.75	2.75	4.50	1.95	3.00
(20)	13.50	20.00	33.70	39.75	30.00
(21)	6.50	17.00	15.70	17.20	14.00
(22)	5.00	13.50	11.80	13.20	11.00
(23)	4.00	6.75	8.40	9.25	8.00
(24)	2.50	5.50	5.05	5.30	5.00
(25)	2.00	4.00	3.90	3.95	4.00
(26)	1.50	2.75	2.80	3.30	3.00
(27)	650.00	34.00	21.90	25.00	1130.00
(28)	400.00	13.50	14.00	18.50	440.00
(29)	4.00	8.00	6.30	8.50	7.20
(30)	4.50	8.50	6.45	8.75	6.20
(31)	5.50	9.50	7.00	9.00	8.00
(32)	7.50	11.00	7.75	9.65	9.00

Bids held under advisement until March 27.

3/22/46 * * 39
BOND ELECTION
BERKELEY, Alameda Co., Calif.—City of Berkeley will vote April 30 on a proposal to issue bonds in the amount of $3,200,000, $780,000 of which will finance construction of sewers, including separation of sanitary and storm sewers, to pave the way for a district sewage disposal project.
Plans by Engineer Harry Goodridge, City Hall, Berkeley.

40— STREETS AND HIGHWAYS

3/22/46 ** 40
BID OPENED
DRIVEWAY REPAIR
SALT LAKE CITY, Utah.
Construction of driveway and sidewalk repair at the U. S. Post Office, Sugarhouse Station.
Owner—Federal Works Agency, Public Buildings Administration, office of the district engineer, 838 U. S. Appraiser's Bldg., San Francisco.
Sole bidder—Rex Moss, Murray, Utah, $2950.

3/22/46 * 40
BOND ELECTION
BERKELEY, Alameda Co., Calif.—City of Berkeley will vote April 30 on a proposal to issue bonds in the amount of $3,200,000; $880,000 of which will finance construction of street improvements.
Plans by Engineer Harry Goodridge, City Hall, Berkeley.

3/22/46 * * 40
LOW BIDDER
SAN BERNARDINO CO., Calif.—Matich Bros., Colton, at $478,203.75 submitted low bid to the State Division of Highways, G. T. McCoy, State Highway Engineer, State Bldg. Los Angeles, for about 5.7 miles of grading and paving with portland cement concrete and constructing reinforced concrete bridge between Vineyard Ave. and Etiwanda Ave., San Bernardino County.

(Continued on Page Seven)

41—GAS, WATER AND OIL PIPE LINES

3/22/46 * * 41
BIDS WANTED
CONTRA COSTA COUNTY, Cal.—Until April 3, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Room 312 512—16th St., Oakland, under Spec. LS 353, for installing cast iron water mains in Contra Costa County.
Specifications obtainable from the above office.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Misc. Supplies & Materials 42
Machinery and Equipment 43

42— MISC. SUPPLIES AND MATERIALS

3/22/46 ** 42
BIDS WANTED
SACRAMENTO, Calif. — Bids will be received by the State Purchasing Agent, Sacramento, for materials as follows:

March 25

QUO. 43797, REQ. E47536:
2000 tons ½ or No. 4 maximum plant-mix surfacing with liquid asphalt RMC-3; stockpile District IV, Gilroy, San Jose, Santa Cruz.

March 27

QUO. 43899, REQ. 76436:
2000 tons plant-mix surfacing, ⅝-in. maximum aggregate, MC-3 liquid asphalt; delivered various locations District VII.

3/22/46 ** 42
NOTICE OF SALE
SAN FRANCISCO.—Until April 2, 10 A. M., bids will be received by the Navy Material Redistribution and Disposal Office, 785 Market St., San Francisco, under Sales No. C-329-46 for sale of miscellaneous material, including C.R. round bars, hex bars, swivels, galvanized wire rope pendants, ferrous scrap, rubber liners, etc., located at Ferry Steel Products Co., 976 Folsom St., San Francisco.

3/22/46 ** 42
NOTICE OF SALE
SAN FRANCISCO.—Until April 3, 10 A. M., bids will be received by the Navy Material Redistribution and Disposal Office, 785 Market St., San Francisco, under Sales No. B-330-46 for sale of miscellaneous material, including cast iron elbows, tees, reducers, blinds, lanterns, safety belts, etc., located at Camp Parks, Shoemaker.

3/22/46 ** 42
BIDS WANTED
SAN FRANCISCO.—Bids will be received by the U. S. Treasury Department, 821 Market St., San Francisco, for materials as follows:

April 11, 2 P. M.

Inv. SF - 2883 - 46: forks, butcher knives, force cups, tinner's brushes, f.o.b. San Francisco and Mountain View.

April 12, 2 P. M.

Inv. SF - 2884 - 46: office supplies, f.o.b. San Francisco and Los Angeles.

3/22/46 ** 42
NOTICE OF SALE
SAN FRANCISCO.—Until April 5, 10 A. M., bids will be received by the Navy Material Redistribution and Disposal Office, 785 Market St., San Francisco 3, under Sales No. B-332-46 for sale of salvable electrical equipment, located at Kyle & Co., 348 Harrison St., Stockton.

3/22/46 * * 42
BIDS WANTED
OAKLAND, Alameda Co., Calif.—Until April 3, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Room 312 512—16th St., Oakland, under Spec. 1725 for steel wire and fabric.
Specifications obtainable from the above office.

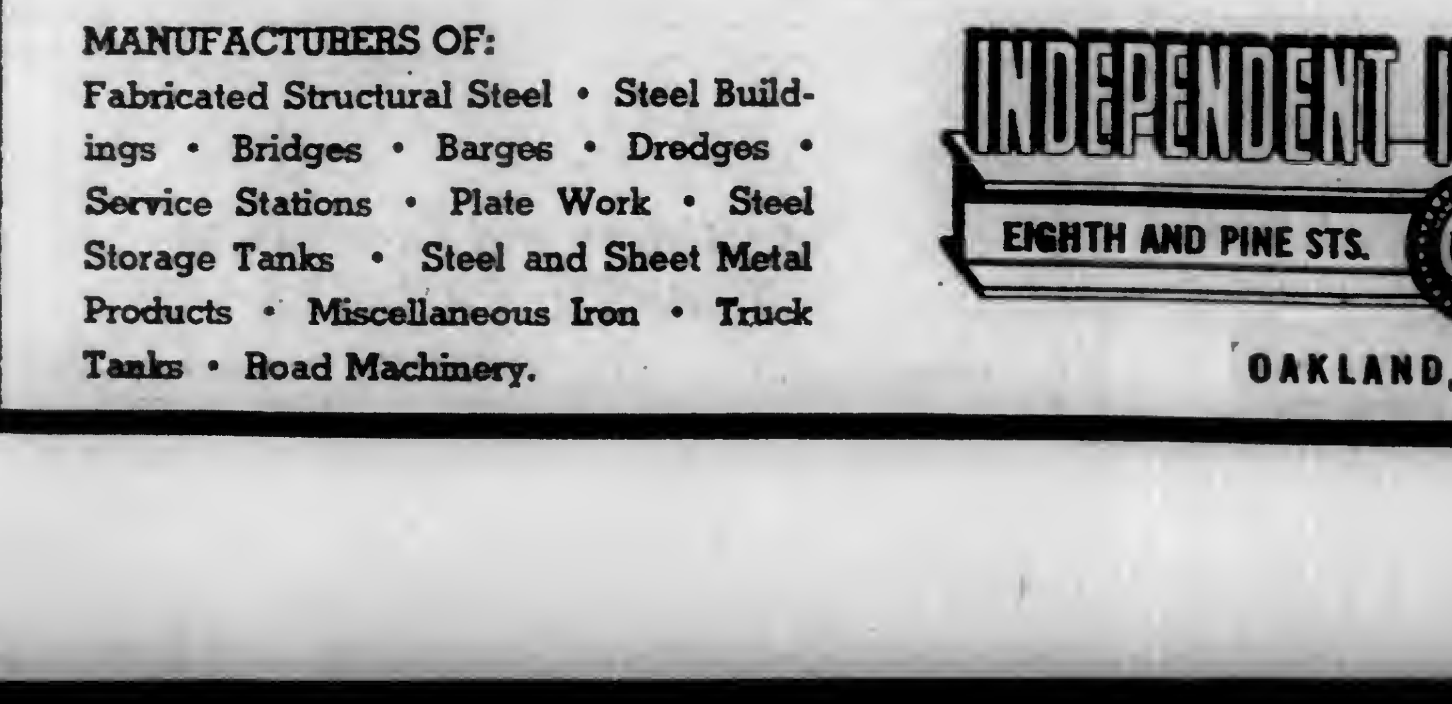
3/22/46 * * 42
BIDS WANTED
ORINDA, Alameda Co., Calif.—Until April 3, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Room 312 512—16th St., Oakland, under Spec. LS-354 for furnishing cast iron pipe and fittings for Orinda Filter Plant.
Specifications obtainable from the above office.

3/22/46 * * 34
BIDS OPENED
MOSS LANDING, Monterey Co., Cal.—San Francisco Bridge Co., 502 Market St., San Francisco, at $267,967 submitted low bid to the U. S. Engineer Office, 74 New Montgomery St., San Francisco, under Serial No. 04-203-46-5 for dredging and jetty construction at Moss Landing Harbor, Monterey County.
Other bids were:
Peter Sorensen, Redwood City, $297,975.
American Dredging Co., Oakland, $295,036.50.
Hydraulic Dredging Co., Ltd., Oakland, $324,051.50.
Guy F. Atkinson Co., South San Francisco, $362,017.
Case Constr. Co., Alameda, bid on unit prices only; no total.

3/22/46 ** 42
BIDS OPENED
SACRAMENTO, Calif.—The following submitted bids to the State Purchasing Agent, Sacramento, under Quo. 42397, Req. 76266, for furnishing materials as follows:
Standard Oil Co., $22.50, Saugus, and $23.95 Ridge Route maintenance station.
Bell Oil Co., $17.90; $18.30; awarded.
Economy Asphalt Co., $18.75; $19.85.

3/22/46 * * 42
CONTRACT AWARDED
OAKLAND, Alameda Co., Calif.—Phoenix Iron Works, 2nd and Castro, Oakland, at $16,675.20 awarded contract on Schedule III by the East Bay Municipal Utility District, Room 406, 512 16th St., Oakland, under Pro. LS-350 for furnishing cast iron pipe and fittings for Orinda filter plant.
Bids on Schedules I and II were rejected.

(Continued on Page Eight)



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SAN FRANCISCO COUNTY

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ABRAHAMS, HARRY W., 645 Euclid Avenue.
AMANDES, F. FREDERIC, 414 Dewey Boulevard.
AMBROSE, Wm. C., 251 Kearny St.
APPLEGARTH, G. A., 235 Montgomery Street.
APPLETON, A., 68 Post Street.
HYMAN & APPLETON, 68 Post St.
AUSTIN, ELIZABETH M., 1162 Filbert Street.
BAKEWELL, JOHN, Jr., 251 Kearny Street.
BANGS, E. GEOFFREY, 605 Market Street.
BAROVETTO, SILVIO L., 58 Sutter Street.
BARSS, FREDERICK B., 268 Market Street.
BAUMBERGER, WALTER E., 3225 Cabrillo Street.
BAUMANN, HERMAN C., 251 Kearny Street.
BERGER, G. A., 309 Valencia Street.
BERNARDI, THEODORE C., 402 Jackson Street.
WURSTER, BERNARDI AND EMMONS, 402 Jackson Street.
BERTZ, EARLE B., 156 Montgomery Street.
BLANCHARD, NORMAN K., 369 Pine Street.
BLANCHARD & MAHER, 369 Pine.
BISSANTZ ,EDGAR F., 2128 Vallejo.
BLISS, WILL M., 235 Montgomery St.
BLISS, WALTER D., 582 Market St.
BLISS & FAIRWEATHER, 582 Market Street.
BOLLES, JOHN S., 369 Pine St.
WARD & BOLLES, 369 Pine Street.
BORN, ERNEST, 730 Montgomery Street.
BRANNER, JOHN K., 210 Post St.
BICKEL, REDDICK H., 582 Market Street.
BROWN, ARTHUR Jr., 251 Kearny Street.
BUCKLEY, VINCENT, 110 Sutter St.
CANTIN, A. A., 704 Market Street.
CANTIN, A. MACKENZIE, 704 Market Street.
CAULDWELL, ALBERT M., 17 Osgood Place.
CHINN, FRANCIS LAI, 622 Washington Street.
CIAMPI, MARIO J., 85 San Pablo Avenue.
CLARK, HERVEY P., 210 Post St.
CLAUSEN, CHAS. O., 746 46th Ave.
CLAUDIUS, CHARLES W., 2443 47th Avenue.
CLIFFORD, WALTER C., 310 Locust Street.
COBBY, E. V., 260 Tehama St.
COBLENTZ, DOROTHY W., 3647 Washington Street.
COLLINS, FREDERICK R., 1032 Hyde Street.
CONRICH, J. LLOYD, 593 Market St.
CORBETT, MARIO, 210 Post Street.
COULTER, NORMAN R., 251 Kearny Street.
DAILEY, GARDNER A., 210 Post St.
DAKIN, FRANK W., 625 Market St.
DAVIS F. C., 515 Buena Vista Ave.
DAY, WM. PEYTON, 405 Montgomery Street.
DEICHMANN, OTTO A., 1026 Market Street.
DE MARTINI, EDMUND P., 785 Market Street.
DEVITT, JOHN H., 580 Market St.
DINWIDDIE, JOHN EKIN, 233 Sansome Street.
MENDELSOHN, DINWIDDIE AND HILL, 233 Sansome Street.
EDIE, WM., 47 Rockwood Court.
EDWARDS, THOS., M., 704 Market.
EMMONS, DONN, 402 Jackson St.
WURSTER, BERNARDI AND EMMONS, 402 Jackson Street.
EVERS ALBERT J., 406 Montgomery Street.
FABRE, ALBERT J., 251 Kearny St.
FAIRWEATHER, J. S., 582 Market Street.
BLISS & FAIRWEATHER, 582 Market Street.
FALCH, WALTER C., 1202-3 Hearst Building.
FITZGERALD, GERALD J., 112 Upper Terrace.
FOLEY, JOHN J., 770 Fifth Avenue.
FRASIER, EMORY M., 1112 Larkin Street.
FRANKLIN, CHAS. H., 2645 Chestnut Street.
FRICK, EDW. L., 251 Kearny Street.
WEIHE, FRICK & KRUSE, 251 Kearny Street.
FUNK, JOHN C., 21 Columbus Ave.
GEILFUSS, CARL, 417 Dewey Blvd.
GLASS, EDWARD, 965 Union Street.
GOLDSTINE, IRVIN WILLIAM, 821 Market Street.
GOULD, J. S., 406 Montgomery St.
GUNNISON, WM. F., 1666 Golden Gate Avenue.
HARPER, W. W., 681 Market St.
HASS, ANDREW T., 525 Market St.
KENT & HASS, 525 Market Street.
HELM, WILLIAM J., 33 Marne Ave.
HEIMAN, S., 605 Market Street.
HERTZKA, W. S., 85 Post Street.
HERTZKA & KNOWLES, 85 Post.
HILDEBRAND, ERNEST, 251 Kearny Street.
HILL, ALBERT HENRY, 233 Sansome Street.
MENDELSOHN, DINWIDDIE AND HILL, 233 Sansome Street.
HINTERMANN, OTTO G., 2847 Golden Gate Avenue.
HOBART, LEWIS P., 525 Market St.
HORSTMAN, ANTHONY J., 677 19th Avenue.
HOWARD, HENRY T., 2944 Jackson Street.
HUBBERT, WALLACE H., 580 Market Street.
HURD, LESTER W., 407 Sansome St.
MASTEN & HURD, 407 Sansome St.
HURT, EDGAR B., 582 Market St.
HYDE, WINFIELD H., 706 Butler Building.
HYMAN, SAMUEL LIGHTNER, 68 Post Street.
HYMAN & APPLETON, 68 Post St.
IGAZ, RUDOLPH, Jr., 785 Market St.
IRVINE ,RICHARD R., 3841 18th St.

JACOBS, ALFRED H., 110 Sutter St.
JAEHNE, ALFRED H., 2028 25th Avenue.
JOHNSON, ALFRED W., 681 Market Street.
JORGENSEN, MARK T., 60 Santa Ana Avenue.
JOSEPH, BERNARD J., 631 O'Farrell Street.
KENT, THOMAS J., 525 Market St.
KENT & HASS, 525 Market Street.
KEYSER, LAWRENCE, 701 Parnassus Avenue.
KNOLL, A. H., 726 Sutter Street.
KNOWLES, Wm. H., 85 Post Street.
HERTZKA & KNOWLES, 85 Post.
KRAFFT, ELMER J., 760 Market St.
KRUSE, LAWRENCE A., 251 Kearny Street.
WEIHE, FRICK & KRUSE, 251 Kearny Street.
KUHN, ALFRED, 206 Castenada Ave.
KUMP, ERNEST J., 251 Kearny St.

LAMB, ARTHUR H., 251 Kearny St.
LANGHORST, FREDERICK L., 447 Sutter Street.
LEASEN, HARRY J., 1710 10th Ave.
LLOYD, F. E., 210 Post Street.
LOVELL, H. K., 185 32nd Avenue.

MAHER, EDWARD J., 369 Pine St.
BLANCHARD & MAHER, 369 Pine.
MASTEN, CHARLES F., 407 Sansome Street.
MASTEN & HURD, 407 Sansome St.
MASTEN, J. KENDALL, 15—14th Avenue.
MASTROPASQUA, LOUIS, 2434 Union Street.
MAURY, CHAS. F., 1617 Lyon Street.
MacDONALD, EARL R., 208 Garden Lane, Colma.
MAYBECK, BERNARD R., 57 Post.
McCARTHY, FRANCIS J., 693 Mission Street.
McCREA, GEORGE E., 285 7th St.
McGUINNESS, JAMES F., 488 Pine Street.
RESING & McGUINNESS, 484 Pine Street.
McSWEENY, A. McF., Hearst Bldg., Third and Market Sts.
McSWEENEY, ANGUS, 514 Mission Street.
McLAUGHLIN, RICHARD A., 618 20th Avenue.
MENDELSOHN, ERIC, 233 Sansome Street.
MENDELSOHN, DINWIDDIE AND HILL, 233 Sansome Street.
MERCHANT, Wm. G., 57 Post Street.
MEYER, FREDERICK H., 406 Montgomery Street.
MEYER & EVERS, 406 Montgomery.
MICHELSEN, HARRY M., 30 Madrone Street.
MILLER, JAMES R., 580 Market St.
MILLER & PFLUEGER, 580 Market Street.
MINTON, HENRY A., 1045 Sansome Street.
MITCHELL, JAS. H., 407 Sansome.
MOHR, NORMAND W., 481 Noe St.
MOONEY, WALTER E., 1229 Ulloa Street.
MOOSER, WILLIAM, 251 Kearny St.
MOOSER, WILLIAM, Jr., 681 Market Street.
MORGAN, JULIA, 465 California St.
NEUMARKEL, EMIL A., 1374 36th Avenue.
OGLOU, VLADIMIR, 2784 Sacramento Street.
OSBORNE, ERLE J., 2518 Pacific Avenue.
PAGE, EDWARD B., 251 Kearny St.
PERRY, WARREN CHAS., 260 California Street.
PETERSON, CLARENCE O., 604 Mission Street.
PEUGH, W. D., 333 Montgomery St.
PFLUEGER, MILTON, 580 Market St.
PFLUEGER, TIMOTHY L., 580 Market Street.
MILLER & PFLUEGER, 580 Market Street.
POLLACK, RALPH N., 700 Steiner Street.
POPE, CHARLES. 308 Laurel Street.
QUANDT, FRED W., 995 Market St.
RANEY, VINCENT, 233 Post Street
REID, JOHN, Jr., 405 Montgomery.
REIMERS, FREDERICK H., 79 Post Street.
RESING, EDMUND J., 488 Pine St.
RESING & McGUINNESS, 488 Pine Street.
REYNOLDS & CHAMBERLAIN, 564 Market Street.
RIEDY, D. A., 265 City Hall.
RIST, MARTIN J., 760 Market St.
ROGERS, CHAS. E. J., 760 Market St.
ROLLER, ALBERT F., 1 Montgomery Street.
ROWE, WILLIAM HENRY, 214 Front Street.
RUNGE, C. W., 1623 35th Avenue.
RUEGG, THEODORE G., 617 Montgomery Street.
SHARPE, ED. MUSSON, 277 Pine St.
SHAW, FREDERIC, 542 18th Ave.
SHELDON, MARTIN A., 681 Market Street
SMITH, DONALD POWERS, 58 Sutter Street.
SMITH, WILTON, 1045 Sansome St.
SMITH, THOMAS, 3121 26th Street.
SPACKMAN, WENDELL R., 604 Mission Street.
SPENCER, ELDRIDGE T., 251 Kearny Street.
STARKS, LEONARD F., 904 De Young Bldg., Market and Kearny.
STEINER, CARLTON A., 101 Post.
STEWART, JOS. L., 206 Sansome St.
STONE, DOUGLAS D., 381 Bush St.
STRINGHAM, ROLAND I., 251 Kearny Street.
STROTHOFF, CHAS. F., 1857 Market Street.
SWAIN, CLARKSON, 2425 Buchanan Street.
SWEETING, HOWARD EDWIN, 101 Post Street.
THOMSEN, H. A., Jr., 315 Montgomery Street.
TRAVIS, GEO. W., 426 41st Ave.

WARD, JOSEPH FRANCIS, 369 Pine Street.
WARD & BOLLES, 369 Pine Street.
WEEKS, HAROLD H., 593 Market St.
WEIHE, ERNEST E., 251 Kearny Street.
WEIHE, FRICK & KRUSE, 251 Kearny Street.
WELLINGTON, WINFIELD SCOTT, 260 California Street.
WHITE, C. BOLTON. 221 Spruce St.
WIEMEYER, GEORGE H., 704 Market Street.
WICKENDEN, JAMES D., 402 Jackson Street.
WILLARD, STANTON, 1847 29th Avenue.
WILLIAMS, ALBERT R., 251 Post Street.
WILLIAMS, ALFRED C., 1231 Fifth Avenue.
WILSON, ALECK L., 715 Montgomery Street.
WONG WORLEY K., 101 Post Street.
WYNKOOP, FRANK, 821 Market St.
WURSTER, BERNARDI AND EMMONS, 402 Jackson Street.
WURSTER, WM. W., 402 Jackson St.

ALAMEDA

ASHCROFT, G. B., 1823 Alameda Avenue.
CORNELIUS, W. ALBERT, 824 Grand Avenue.
HASS, ANDREW T., 1711 Palmera Court.
HEWETSON, ANGELO, 1100 Versailles Avenue.

MEYERS, MILDRED S., 2021 Alameda Street.

ALBANY

DeMONTE, LOUIS A., 518 Carmel Avenue.

ALDERPOINT

HIGBIE, HOWARD W.

ATHERTON

JANSSEN, ARTHUR D., 58 Austin Avenue.

BAKERSFIELD

BIGGAR, CHAS. H., 730 Holtby Rd.
CULLIMORE, C. C., 2329 Truxton Avenue.
WYNKOOP, FRANK, Haberfelde Building.

BURLINGAME

BROWN, IRVING FORBES, 1915 Adeline Drive.
GILLAM, W. C. F., 1404 Palm Drive.
McSWEENEY, ANGUS, 112 Pepper Avenue.
NORBERG, ERNEST L., 407 Occidental Avenue.
SHARPS, L. J., 735 W. Poplar St.
SHARPS, LEO J., 1477 Burlingame Avenue.
STEPHEN, WALLACE A., 2025 Carmelita Avenue.
THAYER, OSCAR R., 1257 Cabrillo Avenue.

BERKELEY

ALLEN, HARRIS C., 2514 Hillegass.
ANTHONY, JOHN B., 2829 Forest Avenue.
BALLANTINE, JOHN KNOX, Jr., 1512 La Loma.
CHILDS, ELMER E., 702 Spruce St.
DeCHENE, ERNEST R., 716 Arlington Avenue.
DE LONG, SCOFIELD, 2656 Le Conte Avenue.
DeSANNO, RAYMOND, 2584 Milvia Street.
DONOVAN, JOHN J., 950 Parker St.
DRAGON, PAUL L., 2068 Allston Way.
DRAGON & SCHMIDTS, 2068 Allston Way.
FERREE, HAROLD, 2100 Virginia.
GENSS, HAROLD F., 1319 McGee Avenue.
GOODMAN, MICHAEL, 2161 Shattuck Ave.
GUTTERSON, HENRY H., 2922 Garber Street.
deLAPPE, RUSSELL GUERNE, Hotel Claremont Bldg.
HARDMAN, B. R., 2068 Allston Way.
HAMMARBERG, PAUL H., 2 Norwood Avenue.
HAYMOND, SCOTT, 2323 Shattuck Avenue.
HAYS, Wm. C., 2924 Derby Street.
HUNTER, ALBERT R., 5809 Mendoza Drive.
JEANS, RAYMOND W., 1824 San Pedro Avenue.
JORY, ARTHUR V., 1395 Scenic Ave.
JORY, STAFFORD L., 1370 Euclid Avenue.
KLINKHARDT, GEORGE R., 44 Eucalyptus Road.
LINDLEY, CHARLES R., 1037 Colusa Avenue.
MEMMLER, ARTHUR H., P. O. Box 124.
MEMMLER, ARTHUR H., 1448 Josephine Street.
MILLER, LEFFLER B., 804 Santa Barbara Road.
MOISE, HOWARD, 71 Panoramic Way.
OFFICER, GWYNN, 2068 Allston Way.
PLACHEK, JAS. W., 2131 University Avenue.
PRICE, OSCAR M., 1667 Short St.
RATCLIFF, W. H., 2323 Shattuck Avenue.
RUSS, E. H., 2141 College Avenue.
SANFORD, FLORENCE H., 2747 Bancroft Way.
SCHMIDTS, CARL R., 2068 Allston Way.
DRAGON & SCHMIDTS, 2068 Allston Way.
SHAW, NORMAN W., 71 Tunnel Rd.
SIMPSON, HORACE G., 201 Tunnel Road.
STEILBERG, WALTER T., No. 1 Orchard Lane.
TALLEY, WESLEY ANDRES, 51 Maryland Avenue.
WELLINGTON, WINFIELD SCOTT, 1525 Arch Street.
WITKIN, ELIZABETH HILLIER, 2712 Shasta Road.
WOLFARD, HAROLD N., 2772 Shasta Road.
YELLAND, W. R., 829 Coventry Rd.

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LATHAM, MILTON, P. O. Box 1257.

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CONCORD

REID, FRANCIS W., Route No. 1.

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FRESNO

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HORN, DAVID, Rowell Building.
HYBERG, Wm. G., Rowell Building.
LAKE, H. RAFAEL, Patterson Bldg.
PETERSON, E. W., Mason Building.
POLLEY, RUDOLPH A., Rowell Bldg.
SWARTZ, FRED L. ,Rowell Bldg.
SWARTZ & HYBERG, Rowell Bldg.
WAGNER, WALTER, Bank of America Building.

HAYWARD

SIMONDS, GEORGE P., 40 Main St.

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LOS GATOS

ROOT, CHESTER, Blossom Hill Rd.
KENSIT, HENRY DAVID, Post Office Bldg.

MENLO PARK

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HEMPEL, WM. F., 380 Laurel Dr.
YOUNG, JOHN D., N. Lemon Ave.

MILL VALLEY

BERTENSHAW, JAS. W., 420 Molino Avenue.
LAMB, ARTHUR H., 209 Oakdale Avenue.
MILANO, J. P., de Silva Island.

MODESTO

De LAPPE, RUSSELL GUERNE, 1901 Downey Street.
HILBURN, GEORGE N., 1211 K St.

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ANDERSON, JAMES HARLOW, 339 15th Street.
ANDERSON & SIMONDS, 339 15th Street.
BLAINE, ROGER W., 5574 Florence Avenue.
BLODGETT, EDWARD OSCAR, 1989 Hoover Avenue.
BROOKE, HERBERT VAUGHN, 542 Fairbanks Avenue.
BROWN, GUY L., 601 Bank of Commerce Building.
BRUNO, HARRY A., 1440 Broadway.
CERRUTI, EDW. D., 427 13th Street.
CHAMBERLAIN, LOY, 3833 Piedmont Avenue.
REYNOLDS and CHAMBERLAIN, 3833 Piedmont Avenue.
COLLINS, ALLEN C., 5945 Marden Lane.
CONFER, FREDERICK L., 1214 Webster Street.
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EASTERLY, JOHN I., 1400 Jackson Street.
McCALL & EASTERLY, 1400 Jackson Street.
ELLINGER, GEO. E., 1801 Casterline Road.
THOMSON & EVANS, 1308 E 38th St.
EVANS, JOHN M., 1308 E. 38th St.
FLORES, ERNEST, 2225 9th Avenue.
FOULKES, EDWARD T., 357 12th Street.
FROBERG, ALBEN, 3454 Harlan St.
GEBHARDT, W. H., 486 Mandana.
GEERING, JOHN HENRY, 3914 Randolph Avenue.
GIBBS, W. ROLAND, 6144 Rockridge Blvd. South.
GOSLINE, RICHARD C., 638 Caldwell Road.
HUDSPETH, JOHN, 427 13th Street.
HUTCHISON, ROBT. A., 1630 Webster Street.
JOHNSON, IRVIN M., 449 MacArthur Blvd. West.
JOHNSON, HERBERT T. 4225 Gregory Street.
KEEFER, RAY F., 770 Wesley Ave.
KIRBY, DONALD BEACH, 409 15th Street.
KOUE, A. LEWIS, 428 Thirteenth St.
LUIS, MISS ROSE E., 811 6th St.
McCALL, CHAS. W., 1400 Jackson Street.
McCALL & EASTERLY, 1400 Jackson Street.
MILLER, CHESTER H., Financial Center Building.
MILLER & WARNECKE, Financial Center Building.
MORRISON, MILTON, 2016 9th Ave.
MORROW, GERTRUDE C., 6175 Hillegass Avenue.
MORROW, IRVING F., 6175 Hillegass Avenue.
MULVIN, THOS. B., Bank of America Building.
NEWSOM, ARCHIE T., 5951 Contra Costa Road.
OLSON, DAVID, 4051 Kuhnle Ave.
PONSFORD, KEITH E., 1214 Webster Street.
PRICE, OSCAR M., 1214 Webster St.
REYNOLDS, MALCOLM D., 3833 Piedmont Avenue.
REYNOLDS and CHAMBERLAIN, 3833 Piedmont Avenue.
SAWYER, HOUGHTON, 2058 Oakland Avenue.
SCHALK, LOUIS, 5515 Market St.
SCHARY, HARRY A., 409 15th St.
SCHIRMER, WM. E., 1419 Broadway.
SIMONDS, GEORGE P., 339 15th St.
ANDERSON & SIMONDS, 339 15th Street.
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TREICHEL, CHESTER H., 696 Cleveland St.
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WARNECKE, CARL I., Financial Center Bldg.
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WILLIAMS, MORTON A., 5824 Ocean View.
WILLIS, RAYMOND G., 1214 Webster Street.
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PALO ALTO

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SUMNER, CHAS. K., Decker Oak Building.
BOYTER, ELIZABETH, 316 Kipling.
CLARK, BIRGE M., 310 University Avenue.
CLARK, DAVID B., 310 University Avenue.
THOMSON, DOLE FORD, 179 Lincoln Avenue.
NICHOLS, LESLIE I., 532 Emerson.
SAWYER, CHARLES, 155 Dana St.
SUMNER, CHAS., 760 University.

ORINDA

ANDERSON, JAMES H., No. 5 Via Hermosa.
LITTLEJOHN, WAYNE A., 9 Moraga Highway.
SISSON, RALPH C., 11 El Camparnero.
WHITE, LAWRENCE R., 30 La Cintilla.
WINTER, ALBERT H., 171 Las Vegas Road.

PIEDMONT

BURNETT, HOWARD E., 52 Manor Drive.
CHAPMAN, FREDERICK A., 86 Wildwood Avenue.
FARR, ALBERT, 339 San Carlos Ave
MAYHEW, CLARENCE W., 330 Hampton Street.
MILWAIN, W. E., 1503 Oakland Ave.
NEWSOM, NOBLE, 2083 Oakland Avenue.

REDWOOD CITY

LARSEN, ALBERT H., 80 Finger Avenue.

ROSS

WINNER, H. H., Wordsworth Ave.

SAN CARLOS

HODGSON, GILBERT, 1212 Cherry Street.

SALINAS

BUTNER, CHAS. E., 7 Winham St.

SAN JOSE

BINDER, WILLIAM, 35 W. San Carlos Street.
CURTIS, E. N., 35 W. San Carlos St.
HIGGINS, WM. L., 84 S. First St.
JAEKLE, DONNELL E., Builders' Exchange Bldg.
KRESS, EDWARD W., 515 First National Bank Building.
McKENZIE, CHAS. S., 22 S. 7th St.
ROOT, CHESTER, 84 S. First St.
SOBEY, GIFFORD E., 69 S. First St.
WYCKOFF, RALPH, Anglo Bank Building.

SACRAMENTO

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DEAN, CHARLES F., 1407 California State Life Building.
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LONG, W. J., 1209 "F" Street.
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SEADLER, EUGENE, 2749 10th Ave.
SATTERLEE, IVAN C., California State Life Building.
SELLON, GEO. C., California State Life Building.
STAFFORD, GORDON, 1825 3rd Ave.
STARKS, LEONARD F., 416 Native Sons' Building.
WILLARD, STANTON. 1606 Cara-

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KERR, RALPH N., 308 Broadmoor Boulevard.
MOWBRAY, MELTON V., Jr., 756 Rodney Drive.
ROSEBROOK, GUY L., 1300 Glen St.

SAN MATEO

COLLINS, HENRY C., No. 9 Aragon Boulevard.
EDWARDS, THOMAS M., 123 Elm Street.
HESS, KENNETH H., 1444 Shafter.
TOEPKE, WM. H., 230 Chesterton Pl.
LANSBURGH, G. ALBERT, 28 W. Fourth Avenue.
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LESSWING, SYLVESTER A., 17 Hillcrest Drive.
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SANTA CRUZ

DUCKERING, LYNN ROLLETT, 27 Front Street.

SANTA ROSA

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FELCIANO, J. CLARENCE, 4010 Montecito Avenue.
HERBERT, WM. F., 1633 Austin Way.

SAUSALITO

BICKEL, REDDICK H., 148 Harrison Avenue.
CONSTABLE, ARNOLD S., 95 Spencer Avenue.
FAVILLE, WM. P., 35 Central Ave.
KETT, CONRAD F. T., 75 Crecienta.

SONOMA

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BISSELL, HOWARD G., 1225 West Acacia Street.
CLOWDSLEY, J. UPTON, 309 Exchange Bldg.
ERNST, ELMORE G., 501 E. Harding Way.
GALBRAITH, VICTOR, 834 West Willow Street.
JOHNSON, ERIC, 306 Exchange Building.
MAYO & JOHNSON, 306 Exchange Building.
LOSEKANN, JOSEPH, 206 Elks Bldg
MAYO, FRANK V., 306 Exchange Building.
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VALLEJO

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Structural Engineers

SAN FRANCISCO

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APPLEFORD, CARL W., 245 Market.
BARKER, RALPH, 63 Fernwood Dr.
BEEBEE, RALPH A., 1261 41st Ave.
BLUME, JOHN A., 68 Post Street.
BOGVAD - CHRISTENSEN, VILHELM, City Hall.
BREITE, W. W., 375 Sutter Street.
BROWN, ARCHIBALD A., 461 Market Street.
BRUNNIER, H. J., 612 Sharon Bldg.
BUELL, RAYMOND C., Second Floor Call Building.
BULLEN, ARTHUR C., 2 Pine Street.
BURGESS, E. O., 1200 17th Street.
BUSH, PHILIP LEE, 101 California.

CHACE, THOMAS F., 268 Market St.
CHERNO J., 245 Market Street.
CHEW, RICHARD SANDERS, 844-A Mills Building.
CORWIN, T. J., Jr., 245 Market St.
COTTEN, SHEPARD M., 308 Eddy.

DEGENKOLB, HENRY J., 405 Montgomery Street.
DEWELL, ROBERT D., 604 Mission.

EARL, AUSTIN W., 233 Sansome St.
ELLISON ,W. H., 500 Sansome St.
ENGLE, HAROLD MARSHALL, 110 Sutter Street.
FALK, MARK M., 251 Kearny St.
FISHER, ALFRED P., 300 Montgomery Street.
FISHER, R. J., 826 Crocker Building.

GIDDINGS, Wm. A., 417 Market St
DONALD R. WARREN Company 417 Market Street.
GOULD, JOHN J., Financial Center Building.

HALL, FREDERIC F., 251 Kearny.
HAMMILL, HAROLD B., 381 Bush.
HANSON, ROBERT A., 19th and Indiana Streets.
HARRIS, FREDERIC R., Inc., 1045 Sansome Street.
California Street.
HASSENMILLER, WILFORD S., 100 Bush Street.
HAUN, GEORGE CLEVELAND, 580 Market Street.
HAYES, JESSE E., 525 Market St.
HENRY, RODNEY WM., Shell Oil Building.
HILL, GEORGE S., 36 Diamond St.
HJUL, JAMES H., 128 Russ Street.
HUBER, EARL RAYMOND, USFS, Phelan Building.
HUBER, WALTER LeROY, 1 Montgomery Street.

IRVIN, LESLIE A., Fort Winfield Scott.

JAKOBSEN, B. F., Balfour Building.
JOHNSON, I. L., 417 Market Street.
DONALD R. WARREN Company, 417 Market Street.

KEGLER, HOWARD L., 661 29th Avenue.
KELLBERG, F. W., 320 Market St.
KING, STANLEY C., 509 Sansome St.
KNAPIK, EDWARD MATHIAS, 1325 Crocker 1st National Bank Bldg.
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LEVY, EDWIN F., 727 17th Avenue.
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NISHKIAN, L. H., 1045 Sansome St.

PAQUETTE J. ALBERT, 320 Market Street.
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PHILLEO, R. A., CEC Hq., 4th Air Force.
POWERS, H. C., 612 Sharon Bldg.
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RINNE, JOHN E., 225 Bush Street.

ROSENTHAL, HYMAN, 617 Montgomery Street.
ROSENWALD, JESSE, 525 Market.
SAMPSON, RAPHAEL, 333 Montgomery Street.
SAPH, A. V., Jr., Rialto Bldg.
SCHELLENBERG, G. W., 225 Bush.
SEAGE, CLARENCE E., 681 Market Street.
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SKYTTE, JOHANNES, City Hall.
SMITH, HARVEY A., 712 Pacific Building.
SMITH, JAS. M., 251 Kearny Street.
SPITZER, FELIX H., City Hall.
SQUIRE, HARRY EDWIN, 19 Ferry Building.
STEELE, I. CLEVELAND, 245 Market Street.
SWAIN, CLARKSON, 320 Market St.
THAYER, EDWARD S., 1206 Balfour Building.
THEILL, KAJ, 580 Market Street.
THOMPSON, ISADORE, 58 Sutter.
VENSANO, H. C., City Hall.

WASHINGTON, GEO., 417 Market.
WHIPPLE, S. K., 225 Bush Street.
WHITE, FRANK G., 18 Ferry Bldg.
WOODRUFF, GLENN B., 333 Montgomery Street.
WRIGHT, J. G., 233 Sansome Street.

OAKLAND

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COOLEY, R. H., 354 Hobart Street.
CORLETT, WILL G., 1801 Bank of America Building.
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MANOV, MATEO M., 337 17th Street.
NEVIUS, SEARLE B., 184 13th St.
O'NEIL, HUGH M., 363 17th Street.
PLANT, FRANCIS B., 858 Alma Ave.
SANDNER, VICTOR R., c/o Moore Drydock Company.
SAWYER, FRANK L., 1025 2nd Ave.
SCHIRMER, HOWARD A., 1444 14th Street.
SLY, CLARENCE JEFFERSON, 638 Miranda Street.
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ROSS

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ENGER, ARTHUR L., Public Works Building.
EWING, M. A., 1120 "N" Street.
FRANCIS, ERNEST D., 1010 J St.
HOLLISTER, LEONARD C., State Bridge Department.
HUTCHINSON, RALPH W., Public Works Building.
ILLERICH, OTTOMAR THEODORE, Public Works Building.
JOHNSON, FRANK A., Public Works Building.
KROMER, CLARENCE HERBERT, Wright Building.
LONG, WALTER J., Department of Public Works.
McGINNESS, ARTHUR R., Old Post Office Building.
MEEHAN, ANDREW J., 2540 Fifth Avenue.
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PETERSEN, WM., HARTMAN, Public Works Building.
PURCELL, CHARLES H., 210 Public Works Building.
REYNOLDS, FRANK HOWARD, 905 Forum Building.
ROWE, R. ROBINSON, 338 Public Works Building.
SHIELDS, JAMES RALPH, 205 City Hall.
STOVER, HARVEY D., 327 Public Works Building.
WALKER, ARTHUR V., 1020 "N" St.
WILLETT, ALBERT B., 708 35th St.
WILLETT, D. C., Public Works Bldg.

ALAMEDA

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HESS, C. W., 1242 Hawthorne Street.

BERKELEY

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DERLETH, CHARLES Jr., 218 Engineering Bldg., U. of C.
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COX, HARRY A., 215 Elm Street.

PIEDMONT

BROWN, ULYSSES G., 32 Arbor Dr.
COLLINS, MERTON C., 82 Fairview Avenue.

FORT BAKER

BELL, CHARLES LAMBERT.

PALO ALTO

GILL, G. F., 550 Forrest Avenue.
WELLS, JAS. BERTRAND, 846 Lytton Avenue.
WING, CHAS. B., 345 Lincoln Ave.

No. California County and City Engineers

ALAMEDA, Carl Froerer.
ALAMEDA CO., Wallace B. Boggs.
ALBANY, U. R. Grey.
ANTIOCH, John S. Bates.
ARCATA, Hal C. Acheson.
ATHERTON, James S. James.
ATWATER, W. E. Bedesen.

BAKERSFIELD, Joseph Holfelder.
BELMONT, Robert Klassen.
BENICIA, Phil R. Jones.
BERKELEY, Harry Goodridge.
BURLINGAME, Cecil L. Longson.
BUTTE COUNTY, Bert Paxton.

CALAVERAS CO., Oliver C. Wyllie.
CALISTOGA, Clyde C. Kennedy.
CHICO, Frank Robinson.
CONCORD, John S. Bates.
CONTRA COSTA CO., J. W. Barkley.

DALY CITY, Robert Klassen.
DAVIS, Alexander M. McKinnon.
DEL NORTE CO., H. M. Malpas.
DOS PALOS, W. E. Bedesen.

EL CERRITO, R. R. Randall.
EMERYVILLE, Geo. T. Oliver.
EUREKA, Geo. S. Winzler.
EXETER, Irvin M. Althouse.

FRESNO COUNTY, A. J. Nielsen.

GILROY, W. J. Hanna.

HANFORD, Walter K. Hopkins.
HAYWARD, J. A. Mancini.

KERN COUNTY, J. R. Thornton.
KING CITY, H. F. Cozzens.
KINGS COUNTY, J. H. Hayes.

LIVERMORE, C. G. Clarke.
LIVINGSTON, W. E. Bedesen.
LODI, Clinton Henning.
LOS BANOS, W. E. Bedesen.
LOS GATOS, L. Cedric Macabee.

MANTECA, John S. Bates.
MARIN COUNTY. C. P. Clow.
MARTINEZ, Frank B. Sarles.
MARYSVILLE, F. H. Divver, Jr.
MENLO PARK, Edwin Smith.
MERCED, G. E. Winton.
MERCED CO., W. E. Bedesen.
MILL VALLEY, Al Siemer.
MODESTO, Frank J. Rossi.
MONTEREY, Howard Severance.
MONTEREY CO., H. F. Cozzens.
MOUNTAIN VIEW, M. C. Christensen.

NAPA, H. A. Harrold.
NAPA COUNTY, E. P. Ball.

OAKLAND, Walter N. Frickstad.
OROVILLE, S. J. Norris.

PACIFIC GROVE, Alfred D. Coons.
PALO ALTO, Fabian S. Miller.
PASO ROBLES, Hal Johnson.
PETALUMA, S. Gonzales.
PINOLE, Ross Calfee.
PITTSBURG, E. L. O'Hara.
PLACER COUNTY, John A. Shields.
PORTERVILLE, Irvin H. Althouse.

REDDING, A. H. Ross.
REDWOOD CITY, R. A. Klassen.
RICHMOND, E. A. Hoffman.

SACRAMENTO, Fred J. Klaus.
SACRAMENTO, E. A. Fairbairn.
SALINAS, Donald Davies.
SAN BRUNO, C. L. White.
SAN CARLOS, R. A. Klassen.
SAN FRANCISCO, R. G. Wadsworth.
SAN JOAQUIN CO., J. B. Manthey.
SAN JOSE, Harold J. Flannery.
SAN LEANDRO, Chas. P. Martin.
SAN MATEO, Harold Porter.
SAN MATEO CO., M. A. Grant.
SAN RAFAEL, Raymond A. Boege.
SANTA CLARA, Edgar C. Schott.
SANTA CLARA CO., R. D. Chandler.
SANTA CRUZ, Robert Jennings.
SANTA CRUZ CO., A. B. Baldwin.
SANTA ROSA, Walter F. Adams.
SHASTA COUNTY, Ernest Breuning
SEBASTOPOL, Walt Adams.
SISKIYIU COUNTY, A. F. Parrott.
SOLANO COUNTY, J. R. Burnham.
SONOMA CO., Marshall M. Wallace.
SONORA, B. H. Maynard.
SOUTH SAN FRANCISCO, Charles T. Broughton.
STANISLAUS CO., G. D. Macomber.
STOCKTON, Lyle Payton.
SUISUN, F. A. Steiger.
SUNNYVALE, H. N. Bishop.
SUSANVILLE, M. J. Tilley.
SUTTER CO., Edward Von Geldern.
TEHAMA CO., Chas. A. Luning.
TRACY, John S. Bates.
TULARE, John Boardman.
TULARE CO., T. Wayne Switzer.
TURLOCK, Don Davis.
TULARE, John Boardman.
VALLEJO, T. D. Kilkenney.
VISALIA, Norman A. Huth.

WILLOWS, R. D. Thomas.
WOODLAND, Asa G. Proctor.

YOLO COUNTY, Henry Von Dorsten
YREKA, Howard O'Connor.

ADVANCE CONSTRUCTION REPORTS

ENGINEERING SECTION

(Continued from Page Five)

22-26—RESIDENTIAL BUILDINGS

3/22/46 26
PLANNED
POMONA, Los Angeles Co., Calif.—R. J. Daum, 6803 West Blvd., Inglewood, and C. T. & W. P. Stover, 116 N. Alexander Ave., Claremont, joint venturers, will build a private housing project totaling 2500 dwellings in West Pomona for Pomona Homes, a corporation composed of C. T. and W. P. Stover, Edwin A. Tomlin and R. J. Daum.

Work is scheduled to start immediately on the first 500 dwellings upon the completion of engineering plans and the general site layout. Plans have been completed for the individual dwellings, all of which are to contain three bedrooms; total estimated cost $25,000,000.

Information is available and subcontracts will be taken soon on all trades at 6803 West Blvd., Inglewood; contact Wade Perong.

A job office will probably be erected later on the site.

3/22/46 24
CONTRACT AWARDED
CARETAKER'S COTTAGE
Cost, $3060
CARMICHAEL, Sacramento County, Calif.
One-story frame cottage, redwood rustic siding, sheet rock interior, living room, kitchen, bedroom and bath.
Owner—Judge Raymond T. Coughlin, Carmichael.
Architect — Frederick S. Harrison, Elks, Bldg., Sacramento.
Contractor — James Francis Butts, 1312 Del Paso Blvd., North Sacramento.

3/22/46 22
PREPARING PLANS
DEL MAR, San Diego Co., Calif.—Architect Walter C. See, 4460 Park Blvd., San Diego, is preparing plans for the construction of a 2-story, 100-room frame and concrete slab hotel building in Del Mar for Del Mar Beach Hotel Co. L. T. Fisher, Oceanside, will be the general contractor.

3/22/46 22
WORK STARTED
PALM SPRINGS, Riverside Co., Calif.—Waale-Camplan Co. & Smith, Inc., 1670 Beverly Blvd., Los Angeles, and 930 Palm Canyon Dr., Palm Springs, have started work on the construction of Rancho Royale Hotel at Palm Springs for Samuel H. Levin. The work will consist of an administration building, 13 hotel bungalows, swimming pool and garages; estimated cost is $350,000. Plans were prepared by H. L. Gogerty Organization, architects and engineers, 3123 W. 8th St., Los Angeles.

31-32—WATER SUPPLY & PLANTS

3/22/46 32
PLANNED
SACRAMENTO, Calif.—Sacramento County Supervisors have authorized Sanitary District 1, situated just south of Sacramento ,to go ahead with plans for the construction of a $1,000,000 sewage disposal system and a small separate sewage treatment plan. Supervisors set April 1 for a hearing on any possible objections to the sanitary district project, which must be ready to operate next January 1.

3/22/46 32
TO START WORK
OILDALE, Kern Co., Calif.—The Superior Court of Kern County has issued an order validating proceeding and approved form of contract to be entered into by the Sanitary Board of the North of the River Sanitary District No. 1 of Kern County, Oildale, with Bechtel Bros.-McCone, 601 W. 5th St., Los Angeles, and 220 Bush St., San Francisco, for the construction of a sewer collecting system, pumping station and treatment plant in Oildale, Kern County, to serve an area including Oildale, Riverview, Highland Park, Wingland Square and other north of the river communities at a cost of $669,038.63. Work on the project is expected to start within a short period. The bids for the work were received and the contract was awarded January 2. Plans were prepared by Engineer R. E. White, 2617 20th St., Bakersfield, Calif.

34—DAMS, RESERVOIRS & DREDGING

3/22/46 34
BIDS POSTPONED
TUCUMCARI PROJECT, New Mexico. — Until April 16, 10 A. M. (postponed from March 27), bids will be received by the U. S. Bureau of Reclamation, Tucumcari, N. M., under Spec. 1189 for construction of structures, laterals Unit No. 2; earthwork and structures, laterals Units Nos. 3 and 4; and Conchas Canal, stations 3343 plus 17 to 3662 plus 00, Tucumcari Project, N. M. The work is situated in the vicinity of Tucumcari, N. M.

The principal items of work and the estimated quantities involved are as follows:

SCHEDULE No. 1
Structures—Lateral Unit No. 2
(1) 20,200 c.y. unclass. excav. for structures;
(2) 13,650 c.y. backfill;
(3) 5,000 c.y. compacted backfill;
(4) 2,000 c.y. concrete in structures;
(5) placing 165,000 lbs. reinf. bars;
(6) erecting 26 M. ft. bm of timber in structures;
(7) installing 20,000 lbs. of gates and misc. metal work;
(8) laying 1000 l.f. 15-in. diameter concrete pipe;
(9) laying 950 l.f. 18-inch do;
(10) laying 200 l.f. 21-inch do;
(11) laying 1,825 l.f. 24-inch do;
(12) laying 400 l.f. 30-inch do;
(13) laying 100 l.f. 36-inch do;
(14) laying 100 l.f. 42-inch do;
(15) laying 600 l.f. 48-inch do;

SCHEDULE No. 2
Earthwork and Structures—Lateral Unit No. 4
(1) 116,000 c.y. common excav. for laterals;
(2) 18,500 c.y. rock do;
(3) 91,000 sta. c.y. overhaul;
(4) 120,000 c.y. compacting embankment;
(5) 12,000 c.y. unclass. excavation for structures;
(6) 5,300 c.y. backfill;
(7) 5,000 c.y. compacting backfill;
(8) 1,850 c.y. concrete in structures
(9) placing 103,000 lbs. reinf. bars;
(10) 1,900 s.y. dry-rock paving;
(11) installing 28,000 pounds of gates and misc. metal work;
(12) erecting 4.3 M. ft. bm timber in structures;
(13) laying 1,170 l.f. 15-in. diameter concrete pipe;
(14) laying 968 l.f. 18-inch do;
(15) laying 316 l.f. 24-inch do;
(16) laying 54 l.f. 30-inch do;
(17) laying 2,020 l.f. 36-inch do;
(18) laying 224 l.f. 42-inch do;
(19) laying 158 l.f. 60-inch do;
(20) jacking 50 l.f. 36-inch diameter concrete pipe thru embankment
(21) jacking 50 l.f. 60-inch do;

SCHEDULE No. 3
Earthwork and Structures—Lateral Unit No. 3
(1) 66,000 c.y. common excavation for laterals;
(2) 14,000 c.y. rock do;
(3) 21,000 sta. c.y. overhaul;
(4) 75,000 c.y. compacting embankment;
(5) 8,200 c.y. unclass. excavation for structures;
(6) 5,600 c.y. backfill;
(7) 3,500 c.y. compacting backfill;
(8) 1,300 c.y. concrete in structures;
(9) placing 91,000 lbs. reinf. bars;
(10) 2,200 s.y. dry-rock paving;
(11) installing 31,000 lbs. gates and misc. metal work;
(12) erecting 5 M ft. bm of timber in structures;
(13) laying 1,380 l.f. 15-inch diameter concrete pipe;
(14) laying 1,670 l.f. 18-inch do;
(15) laying 430 l.f. 24-inch do;
(16) laying 370 l.f. 30-inch do;
(17) laying 960 l.f. 36-inch do;
(18) laying 160 l.f. 42-inch do;

SCHEDULE No. 4
Earthwork and Minor Structures—Stations 3343 plus 17 to 3514 plus 50, and Stations 3517 plus 70 to 3660 plus 80, Conchas Canal
(1) 41,000 c.y. common excavation for Conchas Canal;
(2) 7,000 c.y. rock do;
(3) 7,000 sta. c.y. overhaul;
(4) 40,000 c.y. compacting embankment;
(5) 2,300 c.y. common excavation for structures;
(6) 700 c.y. rock do;
(7) 1,300 c.y. backfill;
(8) 400 c.y. compacting backfill;
(9) 370 c.y. concrete in structures;
(10) placing 27,000 lbs. reinf. bars;
(11) 350 s.y. dry-rock paving;
(12) installing 5,100 lbs. gates and misc. metal work;
(13) erecting 0.05 M. ft. bm timber in structures;
(14) laying 160 l.f. 15-inch diameter concrete pipe;
(15) laying 230 l.f. 18-inch do;
(16) laying 90 l.f. 48-inch do;

SCHEDULE No. 5
Earthwork and Major Structures—Stations 3514 plus 50 to 3517 plus 70, and Stations 3660 plus 80 to 3662 plus 00—Conchas Canal
(1) 275 c.y. common excavation for Conchas Canal;
(2) 275 c.y. rock do;
(3) 600 c.y. compacting embankment;
(4) 2,500 c.y. common excavation for structures;
(5) 450 c.y. rock do;
(6) 2,500 c.y. backfill;
(7) 800 c.y. compacting backfill;
(8) 370 c.y. concrete in structures;
(9) placing 37,000 lbs. reinf. bars;
(10) 100 s.y. dry-rock paving;
(11) erecting 1 M ft. bm timber in structures.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, Chief Engineer, U. S. Customhouse, Denver 2, Colo.; W. R. Nelson, Regional Director, P. O. Box 1609, Oliver-Eakle Bldg., Sixth and Polk Sts., Amarillo, Texas; H. W. Mutch, Project Engineer. Tucumcari, N. M.; and Michael W. Straus, Commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the Project Engineer.

No charge to prospective bidders for copies of the specifications and drawings; to others, $2.75 per copy, not returnable.

3/22/46 34
BIDS POSTPONED
BOISE PROJECT, Idaho. — Until April 5, 10 A. M. (postponed from March 21), bids will be received by the U. S. Bureau of Reclamation, Boise, Idaho, for labor and materials for the construction of Cascade Dam, Boise Project, Idaho; Specification No. 1194. The work is situated on the north fork of the Payette River at Cascade, Idaho. Completion time, 750 days.

No charge to prospective bidders for specifications and drawings; to others, $3. Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo.; R. J. Newell, construction engineer, P. O. Box 937, Reclamation Bldg., Fairgrounds, Boise, Idaho, and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the construction engineer. Guarantee in the amount of 10% of bid required.

The work involves:
(1) diversion and care of river during construction and unwatering foundations;
(2) 20,000 cu. yds. excavation, stripping borrow pits;
(3) 7500 cu. yds. excavation, common, in open cut for outlet works;
(4) 19,000 cu. yds. excavation, rock, in open cut for outlet works;
(5) 2300 cu. yds. excavation, all classes, in tunnel;
(6) furnishing and placing 8000 lbs. permanent steel tunnel supports;
(7) furnishing and placing 8000 lbs. steel tunnel liner plates and steel lagging;
(8) 50,000 cu. yds. excavation, all classes, for foundation of dam;
(9) 400 cu. yds. excavation, rock, for footing of concrete cutoff wall;
(10) 24,000 cu. yds. excavation, common, for spillway;
(11) 33,000 cu. yds. excavation, rock, in spillway;
(12) drilling 16,700 lin. ft. of line holes for rock excavation for spillway;
(13) 315,000 cu. yds. excavation, common, in borrow pits and transportation to dam embankment;
(14) 200 cu. yds. backfill;
(15) 320,000 cu. yds. earth fill in embankments;
(16) tamping or puddling 3500 cu. yds. earth fill;
(17) 55,000 cu. yds. rock fill on downstream slope of embankment;
(18) 11,000 cu. yds. ripray on upstream slope of embankment;
(19) 60 cu. yds. porous concrete under floor of spillway gate structure;
(20) constructing 1000 lin. ft. 4-in. diameter sewer pipe drains with uncemented joints, embedded in porous concrete;
(21) constructing 325 lin. ft. 4-in. diameter sewer pipe drains with uncemented joints, embedded in gravel;
(22) constructing 750 lin. ft. 6-in. diameter sewer pipe drains with uncemented joints, embedded in gravel;
(23) drilling 1700 lin. ft. 1⅝-in. diameter grout holes up to 35-ft. stage;
(24) drilling 2000 lin. ft. 1⅝-in. diameter grout holes between 35-ft. and 60-ft. stage;
(25) drilling 1100 lin. ft. 1⅝-in. diameter grout holes between 60-ft. and 100-ft. stage;
(26) drilling 1000 lin. ft. grout holes less than 35 ft. deep with percussion drills;
(27) placing 2600 lbs. grout pipe and fittings;
(28) 7100 cu. ft. pressure grouting;
(29) 800 cu. ft. pressure grouting with packers;
(30) drilling 4400 lin. ft. holes for anchor bars and grouting bars in place;
(31) 400 cu. yds. concrete in footing of embankment cutoff wall;
(32) 350 cu. yds. concrete in embankment cutoff wall, except in footing;
(33) 750 cu. yds. concrete in tunnel lining except back of plate steel pipe lining;
(34) 150 cu. yds. concrete in tunnel lining back of plate steel pipe lining;
(35) 850 cu. yds. concrete in inlet structures of outlet works, except in beams, columns and roof slab of trashrack structure and in floor of access bridge;
(36) 110 cu. yds. concrete in beams, columns and roof slab of trashrack structure and in floor of access bridge;
(37) 535 cu. yds. concrete in outlet to outlet works except in control house;
(38) 90 cu. yds. concrete in control and engine houses;
(39) 680 cu. yds. concrete in floor of spillway;
(40) 1220 cu. yds. concrete in spillway except in floor and engine house;
(41) 27,000 sq. ft. vacuum concrete processing for spillway floor, pier and inside surface of spillway walls:
(42) placing 606,000 lbs. reinforcement bars;
(43) placing 320 lin. ft. metal sealing strips;
(44) constructing control and engine houses, except concrete;
(45) erecting 10 M ft. b.m. of timber in bridge;
(46) placing 650 sq. ft. asphalt plank on bridge floor;
(47) installing 22,500 lbs. fixed-wheel gate frame, seats, track bases and track;
(48) installing 35,000 lbs. fixed-wheel gate;
(49) installing 60,000 lbs. radial gates;
(50) installing 21,000 lbs. gate hoists;
(51) installing 110,000 lbs. high-pressure gates and conduit-lining castings;
(52) installing 7000 lbs. control apparatus for high-pressure gates;
(53) erecting 18,500 lbs. hoist tower for fixed-wheel gate;
(54) erectign 20,500 lbs. structural steel in bridges;
(55) installing 48,000 lbs. trashracks;
(56) installing 115,000 lbs. welded plate steel tunnel and conduit linings;
(57) installing 5000 lbs. float-well intake, reservoir level gauge and air-vent piping;
(58) installing 4400 lbs. pipe handrails;
(59) installing 3000 lbs. miscellaneous metal work;
(60) installing 500 lin. ft. electrical metal conduit, 1¼-in. diameter and smaller;
(61) installing 450 lin. ft. electrical metal conduit, 1½-in. diameter to and including 2-in. diameter;
(62) installing 1000 lbs. electrical conductors nad ground wires;
(63) installing 2500 lbs. electrical apparatus.

3/22/46 34
BIDS OPENED
FORT LYON, Colo.—Grosshaus & Petersen, Marysville, Kan., at $459,476.75, submitted the low bid to the U. S. District Engineer, Commercial Bldg., P. O. Box 1538, Albuquerque, N. M., March 12, for the construction of the Fort Lyon protective works near Las Animas, Bent County, Colo.; Serial 46-31.

The total bids received were:
Grosshaus & Petersen, $459,476.75.
Morrison - Knudsen, Boise, Idaho., $563,343.
Hinman Bros., Pittsburgh, Pa., $655,612.50.
Peter Kiewit Sons Co., Omaha, Neb., $796,575.
Northwestern Engineering, Rapid City, S. D., $801,115.50.

40— STREETS AND HIGHWAYS

3/22/46 40
CONTRACT AWARDED
SACRAMENTO, Cal.—J. R. Reeves, Box 1072, Sacramento, at $1,501.20, awarded contract by the City of Sacramento, city clerk's office, City Hall, for improvement of 17th St., 4th Ave., and Vallejo Way.

3/22/46 40
PLANNED
SACRAMENTO, Cal.—The City of Sacramento plans the improvement of Sutter Way, Fremont Way, McClatchy Day, Fint Day, Muir Way, etc. Hearing will be held March 29 in the City Hall.

3/22/46 40
PLANNED
SACRAMENTO, Cal.—The City of Sacramento plans the improvement (1) the alley between U and V Sts. from easterly line of 22nd St. to the westerly line of 23rd St., and (2) improvement of H St. Hearing will be held March 29 in the City Hall.

3/21/46
NOTICE
SAN DIEGO COUNTY, Calif.—A representative of the district office of the State Division of Highways will meet prospective bidders for the proposed project in San Diego County, XI-S.D-77-S.D,A, for which bids are to be received in Los Angeles on April 11, 1946.

Said representative will meet prospective bidders by appointment with the district office at any time.

3/21/46
NOTICE
KERN COUNTY, Calif.—A representative of the district office of the State Division of Highways will meet prospective bidders for the proposed project in Kern County, VI-Ker-33-C, for which bids are to be received in Sacramento on April 3, 1946.

Said representative will meet prospective bidders at the intersection of highway Routes 33 and 139 at Wasco on Wednesday, March 27, 1946, at 10 A. M.

3/21/46
NOTICE
KERN COUNTY, Calif.—A representative of the district office of the State Division of Highways will meet prospective bidders for the proposed project in Kern County, VI-Ker-4-C, Bkd, for which bids are to be received in Sacramento April 10, 1946.

Said representative will meet prospective bidders at the resident engineer's office, Bakersfield maintenance station, on Wednesday, April 3, 1946, at 10 A. M.

3/22/46 40
PROPOSED
VALLEJO, Solano Co., Calif.—The City of Vallejo, T. D. Kilkenney, city engineer, City Hall, Vallejo, plans the improvement of Kentucky St. and for improvement of Ohio, Louisiana and Colusa Sts.

Machinery & Material

42— MISC. SUPPLIES AND MATERIALS

3/22/46 42
BIDS WANTED
WIOTA, Mont.—Until April 3, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver 2, Colo., under Inv. 18,664-A-1 for western red cedar, southern yellow pine, lodgepole or Douglas fir poles, f.o.b. shipping point and/or Wiota, Mont.; Wiota-North Electric Cooperative transmission line

3/22/46 42
BIDS WANTED
DAVIS DAM, Arizona - Nevada.—Until April 3, 2 P. M., bids will be received b ythe U. S. Bureau of Reclamation, Denver, Colo., under Bid No. C-44,247-A for furnishing one dragline excavator, ½-cu. yd. capacity, power shovel attachment, dragline bucket, f.o.b. shipping point and/or Earp, Calif.; Davis Dam Project, Arizona-Nevada.

43— MACHINERY AND EQUIPMENT

3/22/46 43
BIDS OPENED 4
BOISE PROJECT, Idaho.—Worthington Pump & Machinery Corp., Harrison, N. J., at $32,115; services of erecting engineer $25 per day, submitted low bid to the Bureau of Reclamation, Denver, under Spec. No. 1159 for furnishing and delivering fob cars at the shipping point or fob cars at Emmett, Idaho, at the option of the bidder, four vertical-shaft centrifugal pumps, each having a capacity of 125 cu. ft. per second at a pumping head of 92 ft.; and four vertical-shaft, 2,200-volt, 1,750 - h.p. synchronous motors of suitable speed and design for direct connection to the above pumps with individual field-control cubicles for installation in the "C" line Canal Pumping Plant, Payette Division, Boise Project, Idaho. Pumps, Motors and field control cubicles will be installed by the Government.

Second and third low bids follow: Byron Jackson Co., Los Angeles, $82,535; services of erecting engineer, $22 per day.

Allis Chalmers Mfg. Co., Milwaukee Wis., $85,600; services of erecting engineer $30 per day.

3/22/46 43
BIDS WANTED
COLUMBIA BASIN PROJECT, Washington.—Until April 17, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. 1250 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Odair, Wash., at the option of the bidder, one 3000-barrel all-steel cement silo, one conveyor, one spiral-screw feeder, one bucket elevator, one 70-barrel cement bin, one 25 cubic foot cement weighbatcher, and all accessories, including electric motors required for satisfactory operation of the equipment, except safety switches, push-button stations, magnetic switches, overload relays, and conduit and wiring for electric motors; two 3000-barrel all-steel cement silos, one railroad car door unloading hopper, one spiral-screw conveyor, one bucket elevator, and all accessories, including electric motors required for satisfactory operation of the equipment, except safety switches, push-button stations, magnetic switches, overload relays, and conduit and wiring for electric motors; and two 3000-barrel all-steel cement silos, one railroad car door unloading hopper, one bottom-dump railroad car unloading hopper, one spiral-screw conveyor, one bucket elevator and all accessories, including electric motors required for satisfactory operation of the equipment, except safety switches, push - button stations, magnetic switches, overload relays and conduit and wiring for electric motors for the Columbia Basin Project, Wash. The equipment will be assembled at Coulee Dam, Wash., and at Odair, Wash., by the government. No charge for copies of the specifications to prospective bona fide bidders; to others, $1, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colo.

3/22/46 43
BIDS WANTED
COLUMBIA BASIN PROJECT, Washington.—Until April 19, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1255 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Odair, Wash., three horizontal welded plate-steel oil storage tanks for the switchyard oil-house addition at the Grand Coulee power plant, Columbia Basin Project, Washington. The tanks will be installed by the government. No charge for copies of the specifications to prospective bona fide bidders; to others, 60c, not returnable.

3/22/46 43
NO BIDS RECEIVED
PARKER DAM PROJECT, Ariz.-Calif.—No bids were received by the U. S. Bureau of Reclamation, Denver, under Spec. 1207 for furnishing and delivering fob cars at the shipping point or fob cars at Earp, Cal., hollow metal doors, complete with transoms, rough bucks, thresholds as required in door schedule; cabinet jambs, trim, hardware, including door closers, calking material and all other accessories necessary for the complete installation of the doors in the Parker power plant, Parker Dam Power Project.

3/22/46 43
BOND ELECTION
SMITH VALLEY, Del Norte Co., Calif.—Residents of Smith Valley will vote March 29 on a proposal to issue bonds in the amount of $10,000 to provide fire-fighting equipment for the community.

3/22/46 43
BIDS WANTED
SACRAMENTO COUNTY, Calif.—Until April 3, 8 P. M., bids will be received by the Bates Joint Union Elementary School District, L. C. Peck, clerk, Courtland, for one school bus with a capacity of 73 school passengers.

3/22/46 43
CONTRACT AWARDED
COLUMBIA BASIN PROJECT, Washington.—American Bridge Co., Denver, Colo., at $7418, awarded contract by the Bureau of Reclamation, Denver, Colo., for furnishing and delivering f.o.b. Gary, Ind., one 12x12-ft. bulkhead gate for installation at the inlet end of any one of the outlet conduits at Grand Coulee Dam, Columbia Basin Project, Washington; Spec. 1146. The gate will be installed by the government. Bids were received February 18.

Prospective Bidders

Sewage Treatment Plant, Grandview, Wash.

BIDS: City of Grandview, City Hall, March 26, 8 P. M. Plans by Consulting Engineer James W. Carey & Associates, Alaska Trade Bldg., Seattle, Wash.
National Bank Bldg., Salem, Ore.
Roy Bair, 1220 Ide Ave., Spokane.
Central California Construction Co., 116 Erie St., San Francisco.
Nettleton & Baldwin, 1109 N. 36th, Seattle.
C. E. Philip, 417 E. Pine, Seattle.
Hall-Atwater Co., 913 Arctic Bldg., Seattle.
Doolittle Construction Co., Empire Bldg., Seattle.
James Construction Co., Arctic Bldg,. Seattle.
Reynolds Plumbing Co., 110 Railroad Ave., Kent, Wash.
H. D. Fowler Co., 558 1st Ave. S., Hugh Purcell Co., 223 Coleman Bldg., Seattle.

Complete Embankment & Spillway, Santa Fe Dam

BIDS: U. S. District Engineer Office, 751 S. Figueroa St., Los Angeles, Serial 150, March 27, 1 P. M.
Basich Bros. Construction Co., P. O. Box 151, 600 S. Fremont Ave., Alhambra.
E. W. Elliott Construction Co., 995 Market St., Hewes Bldg., San Francisco.
Grafe-Callahan & Gunther & Shirley Construction Co., 714 W. Olympic Blvd., Los Angeles.
Griffith Co., 502 Los Angeles Railway Bldg., Los Angeles.
W. E. Kier Construction Co., 1462 N. Stanley Ave., Los Angeles.
Morrison - Knudsen Co., 810 Title Guarantee Bldg., Los Angeles.
Clyde W. Wood, Inc., 6900 Tujunga Ave., P. O. Box 620, North Hollywood.
Guy F. Atkinson Co., 1103 Heartwell Bldg., Long Beach.
Guerin Bros., 649 S. Olive St., Los Angeles.
Winston Bros., 411 W. 5th St., Room 1216, Los Angeles.
S. Edmondson & Son, 7711 S. Alameda St., Los Angeles.
Peter Kiewit Sons Co., 650 S. Grand, Room 505, Los Angeles.
T. E. Connolly, 461 Market St., San Francisco.
W. R. Shriver, 1205 Luanne Ave., Fullerton.

Inner Breawater, Crescent City Harbor, Calif.

BIDS: U. S. Engineer Offce, 74 New Mnotgomery St., San Francisco; Serial No. 04-203-46-6; April 10, 2 P. M.
Macco Constr. Co., Freight and Ferry Sts., Oakland.
Fredrickson & Watson Constr. Co., 873—81st Ave., Oakland.
Basalt Rock Co., Inc., 900 8th St., Napa.
Ben C. Gerwick, Inc., 112 Market St., San Francisco.
Piombo Bros. & Co., 1571 Turk St., San Francisco.
Heafey-Moore Co., 344 High St., Oakland.
Healy-Tibbitts Constr. Co., 1100 Evans Ave., San Francisco.
Duncanson-Harrelson Co., deYoung Bldg., San Francisco.

Storage Building, 23rd and S Sts., Sacramento

BIDS: Carl Fiedler, 1108 43rd St., Sacramento, March 25, 1:30 P. M. Plans by Architect Leonard F. Starks, 416 Native Sons Bldg., Sacramento.
Charles F. Unger, 2426 7th Ave., Sacramento.
C. C. Ruby, 3350 Freeport Blvd., Sacramento.
C. J. Hopkinson, 1810 28th St., Sacramento.
Frank Maloney, 1915 "S" St., Sacramento.
Mercer-Fraser Co., 2nd and Commercial Sts., Eureka.
Guy F. Atkinson Co., Orange and Railroad Aves., South San Francisco.
Morrison - Knudsen Co., Inc., 111 Sutter St., San Francisco.
Marshall S. Hanrahan, Box 429, Redwood City.
Pacific Bridge Co., 333 Kearny St., San Francisco.
Fredrickson Bros., 1259 65th St., Emeryville.
E. B. Bishop, Box 325, Orland.
George Pollock Co., Forum Bldg., Sacramento.
N. M. Ball Sons, Box 430, Berkeley.
Scheumann & Johnson, 1001 Lloyd Bldg., Seattle, Wash.
T. E. Connolly, Inc., 461 Market St., San Francisco.
Case Constr. Co., Box 416, Alameda
Chas. L. Harney, 625 Market St., San Francisco.

Airport Extension Fill, Pavement, Related Construction, San Francisco Airport

BIDS: Public Utilities Commission, Room 287, City Hall; Contract No. 82; March 26, 3 P. M.
Guy F. Atkinson Co., Orange and Railroad Aves., South San Francisco.
Union Paving Co. ,212 Babcock Bldg., San Francisco.
San Francisco Bridge Co., 503 Market St., San Francisco.
Macco Construction Co., Freight and Ferry Sts., Oakland.
Piombo Bros. & Co., 1571 Turk St., San Francisco.
Olympian Dredging Co., 525 Market St., San Francisco.
Hubert H. Everist Sr., 604 Mission S., San Francisco.
Case Construction Co., Box 416, Alameda.
Ben C. Gerwick, Inc, 112 Market St., San Francisco.
Charles L. Harney, 625 Market St., San Francisco.
Pacific Bridge Co., 333 Kearny St., San Francisco.
Eaton & Smith, 715 Ocean Ave., San Francisco.
Western Dredging & Construction Co., 215 Park Central Bldg., Los Angeles.
Hydraulic Dredging Co., Ltd., 1221 Central Bank Bldg., Oakland.
Peter Kiewit Sons Co., 442 Post St., San Francisco.
George Pollock Co., Forum Bldg., Sacramento.
Granite Rock Co., Box 151, Watsonville.
Franks Dredging Co., 260 California St., San Francisco.
T. E. Connolly, 461 Market St., San Francisco.
Standard Dredging Corp., 800 Central Bldg., Los Angeles.
American Dredging Co., 1419 Broadway, Oakland.

Sanitary Trunk Line Sewers Santa Rosa, Calif.

BIDS: City of Santa Rosa, City Hall, Santa Rosa, April 2, 8 P. M. Plans by City Engineer Walter F. Adams, Santa Rosa.
John Pestana, 16411 E. 14th St., San Leandro.
Underground Construction Co., 75th Ave. and San Leandro Blvd., Oakland.
Freethy-Fogelberg Co., 1436 Kearney St., El Cerrito.
Guy F. Atkinson Co., Orange and Railroad Aves., South San Francisco.
Stolte, Inc., 8451 San Leandro St., Oakland.
Bechtel Bros. & McCone, 220 Bush St., San Francisco.
C. Dudley DeVelbiss Co., Eastshore Highway and Huntington Ave., Richmond.
Edward Green, 3001 Coolidge Ave., Los Angeles.
Wm. D. Rapp, 705 Bennett Ave., Santa Rosa.

Exploratory Foundation Investigation Work. Rocky Reach Damsite

BIDS: U. S. Engineer Office, Textile Tower, Seattle, Wash., March 22, 2 P. M.
Lynch Bros. Diamond Drilling Co., 3425 Stoneway, Seattle.
Fairbanks Drilling Co., 2437 Sixth Ave. S., Seattle.
N. C. Jannsen Drilling Co., 9407 E Marginal Way, Seattle.
Diamond Drill Contracting Co., S 18 Stone St., Spokane.
W. J. Riddock, 606 N Warren St., Helena, Mont.
Cannon & Jeffries, Box 669, Compton, Calif.
Mitchell Diamond Drill Co., 779 Bryant St., San Francisco.
E. M. Gurke, 552 26th St., Ogden, Utah.

FOUR BRIDGES, LOS ANGELES COUNTY

LOS ANGELES, Calif.—As previously reported, Barnes Construction Co., 1119 Montana Ave., Santa Monica, at $1,672,266.50, submitted low bid to G. T. McCoy, state highway engineer, 808 State Bldg., Los Angeles, for about .7 mile in length to be graded and paved with asphalt concrete, and four bridges to be constructed on Pacific Coast Highway, between Dominguez Channel and San Gabriel Ave., VII-LA-60-LA, in the cities of Los Angeles and Long Beach, Los Angeles County. This is a national defense contract.

Work involves:
(1) 410 c.y. remove concrete;
(2) 13 acres clear and grubb;
(3) 7,000 c.y. rdwy. excav.;
(4) 21,450 c.y. struc. excav.;
(5) 24,700 c.y. ditch and channel excavation;
(6) 20,000 sq. yds. compact original ground;
(7) 133,600 l.f. vertical holes, sand drains;
(8) 20,000 tons sand backfill, sand drains;
(9) 712,600 tons imported borrow;
(10) 37,500 tons import subgrade material;
(11) 53,000 sq. yds. prepare Class C subgrade;
(12) develop water supply and furnish water equipment;
(13) 6.000 M. gals. apply water;
(14) finish roadway;
(15) 7 tons liq. asph. SC-2 prime coat
(16) 1,400 tons plant mix surf.;
(17) 21,500 tons asphalt concrete;
(18) 25 tons asph. emulsion, seal coat
(19) 7,716 c.y. Class A portland cement conc. structures;
(20) 685 c.y. Class A portland cement conc. footing blocks;
(21) 3,788,000 lbs. furnish struc. steel;
(22) 3,788,000 lbs. erect struc. steel;
(23) 1,171,000 lbs. furnish bar reinf. steel;
(24) 1,171,000 lbs. place do;
(25) 42,380 l.f. furnish timber piles;
(26) 940 each drive timber piles;
(27) 1,700 l.f. furnish cast in place concrete piles;
(28) 40 each drive do;
(29) 22,920 l.f. furnish steel piles;
(30) 337 each drive do;
(31) 180 each steel pile splices;
(32) 1,300 c.y. Class A portland cement conc. curbs, gutters and sidewalks;
(33) 950 l.f. pipe handrail;
(34) 2.800 l.f. chain link fence;
(35) 4 each walk gates;
(36) 1,200 l.f. 18-in. standard strength reinf. concrete pipe;
(37) 540 l.f. 24-inch do;
(38) 520 l.f. 36-inch do;
(39) 2,700 l.f. 15-in. plain conc. pipe;
(40) 4 each remodel exist. manholes;
(41) 29,000 lbs. misc. iron and steel;
(42) 18,300 each Mesembryanthemum Edule cuttings;
(43) 2,445 l.f. steel railing;
(44) 40 each portable timber barricades;
(45) electrical equipment;
(46) remove existing bridge.

Galv. Metal Bin-Type Retaining Wall
(47) 964 ea 9.5 ft. 14 gage stringers;
(48) 254 each 9.5 ft. 14 gage do;
(49) 76 each 9.5 ft. 12 gage do;
(50) 250 each 7.4 ft. 16 gage spacers;
(51) 156 each 9.6 ft. 14 gage do;
(52) 157 each 11.8 ft. 12 gage do;
(53) 47 each 7.4 ft. 16 gage bottom spacers;
(54) 15 each 9.6 ft. 14 gage do;
(55) 15 each 11.8 ft. 12 gage do;
(56) 70 each 9.5 ft. 8 gage stringer stiffeners;
(57) 1,950 l.f. 8 gage columns;
(58) 77 each 12 gage column caps;
(59) 92 each 14 gage column splicers;
(60) 154 each 16x16- in. 1 gage bearing plates;
(61) 46 each 20x20-inch do;
(62) 41 each 2x24-inch do.

The total bids were:
(A) James I. Barnes Construction Co., $1,672,266.50.
(B) Griffith Co., Los Angeles, $1,710,474.08.
(C) Macco Construction Co., Clearwater, $1,756,854.45.
(D) Guy F. Atkinson Co., Long Beach, $1,793,247.40.
(E) Peter Kiewit Sons Co., Los Angeles, $1,862,841.
(F) Warren Southwest and C. G. Willis & Son, Los Angeles, $1,999,056.20.

The unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 4.00	$ 5.00	$ 6.00	$ 7.00	$ 4.65	$ 4.00
(2)	80.00	60.00	100.00	50.00	75.00	130.00
(3)	.70	.60	.70	.50	.56	.80
(4)	2.65	2.20	3.00	3.00	3.65	2.00
(5)	.75	.71	1.05	.60	1.00	.60
(6)	.06	.03	.10	.12	.07	.10
(7)	.80	.86	.85	1.00	.80	1.13
(8)	1.50	2.10	2.25	3.00	1.80	2.20
(9)	.48	.44	.48	.49	.60	.56
(10)	1.80	1.95	1.65	1.75	1.75	2.00
(11)	.10	.11	.10	.06	.25	.12
(12)	3000.00	3500.00	2000.00	5000.00	5000.00	600.00
(13)	1.70	1.60	1.50	.75	2.25	1.65
(14)	2500.00	1000.00	5000.00	3000.00	1500.00	1500.00
(15)	30.00	17.00	50.00	21.00	15.00	18.00
(16)	4.50	3.25	5.50	4.50	4.00	3.80
(17)	3.80	3.90	3.71	4.50	4.00	3.85
(18)	22.00	31.00	25.00	30.00	28.00	19.75
(19)	26.00	32.00	36.00	30.40	36.00	42.00
(20)	24.00	18.00	30.00	15.00	36.00	53.00
(21)	.09	.088	.08	.095	.081	.076
(22)	.02	.024	.02	.025	.023	.0437
(23)	.045	.044	.04	.05	.049	.053
(24)	.0375	.017	.02	.015	.017	.04
(25)	.45	.55	.44	.50	.55	.62
(26)	25.00	21.00	27.00	20.00	18.00	12.00
(27)	2.60	2.70	2.50	2.50	4.00	3.10
(28)	30.00	50.00	35.00	35.00	50.00	19.30
(29)	2.10	2.15	2.10	2.00	2.50	2.75
(30)	45.00	37.00	50.00	50.00	43.00	24.25
(31)	27.00	15.00	25.00	20.00	4.60	22.75
(32)	25.00	21.00	24.00	22.00	24.00	25.00
(32)	3.00	3.90	1.70	5.00	2.00	4.55
(34)	1.30	1.60	1.30	1.60	1.50	1.60
(35)	50.00	56.00	40.00	60.00	50.00	60.00
(36)	3.50	3.00	4.00	3.00	4.25	4.80
(37)	4.50	3.80	5.00	4.00	5.40	6.00
(38)	8.50	6.80	10.30	11.00	8.80	10.50
(39)	2.50	1.40	4.00	1.50	2.65	3.25
(40)	100.00	180.00	125.00	60.00	130.00	150.00
(41)	.17	.18	.21	.20	.18	.16
(42)	.03	.04	.04	.03	.036	.035
(43)	4.50	5.00	4.35	5.00	.15	7.00
(44)	25.00	30.00	10.00	25.00	27.00	40.00
(45)	44000.00	46000.00	40000.00	41849.00	44643.00	47000.00
(46)	2500.00	3500.00	2500.00	2437.00	8000.00	1200.00
(47)	12.00	13.00	11.00	9.00	11.00	9.85
(48)	13.00	16.00	13.00	10.00	12.25	11.25
(49)	15.00	20.00	17.00	14.00	15.00	14.00
(50)	9.00	7.60	6.50	6.00	7.40	6.00
(51)	11.50	12.00	9.50	8.50	10.25	8.75
(52)	16.00	20.00	16.00	14.00	15.00	13.40
(53)	8.50	7.00	6.00	6.00	8.00	5.30
(54)	11.00	11.00	9.50	8.00	10.75	8.00
(55)	15.00	18.00	15.00	13.00	15.00	12.40
(56)	6.00	5.00	4.00	4.00	6.40	3.75
(57)	2.00	2.20	2.00	1.60	2.30	1.90
(58)	1.50	1.00	1.00	2.00	2.70	1.40
(59)	1.25	.85	1.00	1.50	3.80	1.20
(60)	4.00	3.50	3.00	3.00	7.50	2.90
(61)	5.00	5.00	4.00	4.00	8.40	3.75
(62)	6.00	7.00	6.00	5.00	9.70	5.10

BID OPENING SCHEDULE

(Continued from Page Two)

SUPPLIES AND EQUIPMENT

4- 1— 2:00 P.M.—Fir Poles	Fort Peck, Mont.	3-20
4- 1— 2:00 P.M.—Annunciator Groups	Boulder Canyon Project	3-20
4- 1— 2:00 P.M.—Louvers	Central Valley Project	2-19
4- 1— 3:00 P.M.—Athletic Goods	San Francisco.	3-21
4- 1— 8:00 P.M.—Sewage Ejector	Merced	3-21
4- 1— 2:00 P.M.—Gas Pumps	San Francisco	3-19
4- 1— 2:00 P.M.—Mess Kit Equip.	San Francisco	3-12
4- 2— 4:00 P.M.—Cafeteria Equipment	Oakland	3-20
4- 3— 2:00 P.M.—Cedar	Socorro, N. M.	3-20
4- 3— 7:30 P.M.—Transicoaches	South San Francisco	3-18
4- 3— 2:00 P.M.—Testing Machines	Denver, Colo.	3-20
4- 3—10:00 A.M.—Generators	Central Valley Project	3-13
4- 3— 2:00 P.M.—Dam	Parker Dam Power Project	3-12
4- 3— 2:00 P.M.—Telephone Apparatus	Shoshone Project, Wyo.	3- 7
4- 3— 2:00 P.M.—Telephone Apparatus	Rio Grande Project, N. M.	3- 7
4- 3— 2:00 P.M.—Shaft	Shoshone Project	3- 6
4- 3—10:00 A.M.—Steel Pipe	Berkeley	3-21
4- 4— 2:00 P.M.—Crystals	San Francisco	3-21
4- 5— 2:00 P.M.—Inlet Covers	San Francisco	3-21
4-15— 2:00 P.M.—Steel Siding	Columbia Falls, Montana	3-21
4- 5— 2:00 P.M.—Telephone Line Fuses	San Francisco	3-19
4- 5— 2:00 P.M.—Electrical Equip.	Davis Dam Project, Arizona	2-28
4- 3—10:00 A.M.—Generators	Central Valley Project	3-14
4- 9— 2:00 P.M.—Gates	Central Valley Project	3- 5
4-10— 2:00 PM.—Elevator	Grand Coulee Dam, Wash.	3-12
4-14— 2:00 P.M.—Pumping Units	Missouri Basin Proj., Wyoming	3- 1
4-15— 2:00 P.M.—Transformers	Kendrick Project, Wyo.	3-20
4-15— 2:00 P.M.—Pumps	Columbia Basin Project, Wash.	3- 6
4-15— 2:00 P.M.—Cranes	Columbia Basin Project, Wash.	3-12
4-16— 2:00 P.M.—Pumping Units	Central Valley Project	3-12
4-18— 2:00 P.M.—Steel Pipe	Yakima Project, Washington	3-21
4-19— 2:00 P.M.—Doors	Columbia Basin Project, Wash.	3-19
4-19— 2:00 P.M.—Gates	Central Valley Project	3-19
4-22— 2:00 P.M.—Gate Hoists	Davis Dam Project, Arizona	3-20
4-22— 2:00 P.M.—Coaster Gates	Columbia Basin Project, Wash.	3-20
4-24— 2:00 P.M.—Drum Gates	Central Valley Project	3- 5
4-24— 2:00 P.M.—Gates	Boise Project, Idaho	3- 7
4-24— 2:00 P.M.—Pipe	Columbia Basin Project, Wash.	3- 8

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS Applications

SAN FRANCISCO

VETERAN HOUSING (2-story frame), $140,000; 3601 19th Ave; owner, San Francisco State College, San Francisco; builder, Federal Public Housing Authority, 901-04 Phelan Bldg.

ALTER STORE, $40,000; 877 Market St; owner, Grayson's, premises; builder, Empire Construction Co, 344 Harriet St.

ALTER STORE, $40,000; 2630 Mission; owner, Grayson's, premises; builder, Empire Construction Co, 344 Harriet St.

ALTER HOTEL, $20,000; 340 Stockton St; owner, T W Corder, Inc, c/o Barrett & Hilp, 918 Harrison; builder, Barrett & Hilp, 918 Harrison St.

ALTER TAVERN AND RESTAURANT, $10,500; 935 Fillmore St; owner, Bruno Lucchesi, premises; builder, Coast Building Co, 744 Harrison St.

ALTER APARTMENTS, $5200; 710-14 Hayes St; owner, S Harris, 658 Church St; builder, B Murphy, 2418 Lombard St.

ALTER STORAGE BLDG., $3000; 686 Sacramento St; owner, Kohnke Printing Co, prem; builder, Coast Building Co, 744 Harrison St.

ALTER FLATS, $2500; E Parker Ave 80 N Golden Gate; owner and builder, Oliver M Rousseau, 725 Tehama St.

ALTER RESTAURANT, $700; 1436 Polk St; owner, Clifford Gamble, Piedmont; builder, not let.

ELECTRIC SIGN, $700; 1040 Van Ness Ave; owner, Leopold Lerner, prem; builder, Q R S Neon Co, 690 Potrero Ave.

ALTER TWO FLATS, $500; 2113 Jones St; owner, G Arata, prem; builder, day work.

ALTER COMMERCIAL BLDG., $500; 310-18 4th St; owner and builder, Peter Bona, premises.

BUILDING PERMITS Granted

SAN FRANCISCO

MARCH 20, 1946

WOOL PULLERY, 1-story fr, $45,000; SE Cor Griffith and Revere; owner, Legallet Tanning Co; engineer, Ira S Kessey. 251 Kearny; contractor, H E Rahlmann Co, 251 Kearny St.

ENLARGE pent house and construct new stair to roof, $500; 1548 Leavenworth St; owner, Robt F Lee; contractor, Frank Yick, 670 Washington St.

REMOVE partitions and install bar in commercial bldg, $4000; 447 Pine St; owner, Fred Puccinelli; architect, E Musson Sharpe, 277 Pine St; contractor, Alfred P Fisher, 300 Montgomery St.

WAREHOUSE, Class B, $650,000; S Howard 150 E 5th St; owner, The Emporium; engineer, Hall & Pregnoff, 251 Kearny St; contractor, Dinwiddie Constr Co, 210 Crocker Bldg.

TRUCK storage bldg, Class C, $6,000; E 7th St 200 S Brannan; owner, K Moffat Co; engineer, Ira S Kessey, 251 Kearny St; contractor, H E Rahlmann Co, 251 Kearny St.

ADD new cement floor, paint bldg, re-wire ,re-roof stores, $2100; 2577 Mission St; owner, Leventritt Trustees; contractor, Mills Constr Co, 605 Market St.

ALTER store, $13,000; 4440 Mission St; owner, Shell Drug Co; architect, Alfred W ohnson, 681 Market St; contractor, Swinerton and Walberg Co, 225 Bush St.

COVER entire dwelling with asbestos siding shingles, $750; 393 Paris; owner, Mariano Marincci; contractor, United Roofing & Siding Co, 2906 Mission St.

ADD new partitions, elevators, show windows, plumbing and new electric wiring to dept store, $100,000; 281 Geary Et; owner, Dohrmann Commercial Co; architect, Albert R Williams, W E Mooney, 251 Post St; enkineer, Wm Adrian, 417 Market St; contractor, W C Tait Co, 461 Market St.

DWELLINGS, two 2-story frame, N 25th St 123 W San Jose Ave, $11,000: N 25th St 97 W San Jose Ave, $10,000; owner, Robert Scharetg; contractor, Oliver M Rousseau, 725 Tehama St.

REMODEL front, enlarge toilet and dressing room, install new, fixtures, etc., in store, $1200; 149 Fell St; owner, C C Anderson; plans by P J Collins, 1435 Paloma Ave, Burlingame; contractor, State Bldg Corp. 1435 Paloma Ave. Burlingame.

CITY OF SACRAMENTO

SIGN, electric, $1200; 731 K Street; owner, United Cigar Store; contractor, Sacramento Neon Mtce Co.

SAN BRUNO

DWELLING, $2500; 649 Sixth Ave; owner and builder, L A Bartholomew.

STORE, $12,000; 1213 San Mateo Ave owner, Dan Marelich, 638 San Mateo Ave; contract not let.

STORE, $12,000; 633 San Mateo Ave; owner and builder, F Poirier, 443 San Mateo Ave.

BERKELEY

ALTER, $600; 1608 Prince St; owner G O'Connor, prem; contractor, J V Adams, 744 65th St, Oakland.

HOTEL, 35-room, $36,000; 1175 University Ave; owner, M W Butler, 2322 Shattuck; contractor, W H Patton, 959 Ordway St, Albany.

ALTER, $800; 1239 Channing Way; owner, Aubrey, prem; contractor, Rasmussen Realty, 314 Perkins, Oakland.

DWELLING, seven-room, $10,000; 70 Latham Lane; owner, Robert W Long, 60 Latham Lane; contractor J R Armstrong, 60 Latham Lane; plans by owner.

ALTER, $1400; 1607 Stuart; owner, E Bokis, prem; contractor, Rasmussen Realty, 314 Perkins, Oakland.

ROOFING, $700; 1810 Virginia; owner, Ida Trasper, prem; contractor, Lipshitz & Gander, 601 63rd St.

ADDN, $1100; 1649 Hopkins; owner and builder, Leonard Lewis, 1649 Hopkins.

GARAGE, $500; 1508 Hopkins; owner and builder. W M Farris, prem.

ALTER, $1500; 1019 Euclid; owner, Ellis J Brouning, prem; contractor, B W Arnold, 1002 Kains Ave, Albany.

PALO ALTO

RESIDENCES, nine and garages. 2371, 2351 Ross Rd, $9,000 each; 2321 Ross Road, $8,750; 2301, 2331 Ross Road, $8,500 each; 2391 Ross Rd, $10,500; 2340 Ross Rd, $10,750; 721 Garland Dr, $12,500; 728 Garland Dr, $10,500; owner, Coastwose Constr Ct, 2499 Middlefield Road; contractor, E Cornblum, 2499 Middlefield Rd; architect, W E Huson, 2499 Middlefield Road.

OAKLAND

ALTERATIONS, $5000; 8803 G St; owner, Hazel Atlas Glass Co, prem; builder, Larsen & Larsen, 629 Bryant St, San Francisco; engineer, R J Fisher, Crocker Bldg, San Francisco.

DWELLING (1-story 5-room), $4860; 6791 Exeter Dr; owner and builder, Kenneth M Moss, 1000 Mountain Blvd.

ADDITION, $875; 4621 Shattuck; owner, Frank Bach, prem; builder, J F Loughery, 705 31st St.

ADDITION, $1000; 4407 Grove St; owner, Pacific Saw Works, 4401 Grove St; builder, J F Loughery, 705 31st St.

ALTERATIONS, $150; 6316 MacArthur Blvd; owner and builder, A B Neal.

ADDITION, $400; 10401 San Leandro St; owner and builder, Joe Silva, 10401 San Leandro St.

CONCRETE SHED, $1200; 1924 Park Blvd; owner, Jesse Scott, 1924 Park Blvd; builder, Theo H Lapham, 546 Kenmore Ave.

ALTERATIONS, $3000; 7690 Mountain Blvd; owner and builder, L P Hayward.

ALTERATIONS, $2000; 7688 Mountain Blvd; owner, Stanley Howe, prem; builder, L P Hayward, 7690 Mountain Blvd.

ALTERATIONS, $7000; 544 12th St; owner, J T Mallory, 5519 Balboa Dr; builder, C H Thrams, 1100 6th Ave.

GARAGE, $500; 549 Haddon Rd; owner and builder, E J Mareira, prem.

ALTER APARTMENTS, $1500; 978-80-82 53rd St; owner and builder, Frank Cox, 1515 14th Ave.

ADDITION, $960; 663 61st St; owner, C R Gould, 663 61st St; builder, Pioneer Builders, 516 San Pablo, Albany.

ADDITION, $2500; 1553 Alice St; owner, G Greenwood, prem; builder, James A Ganley, 855 Midway Ave, San Leandro.

SAN MATEO

GARAGE, $750; 1516 Cypress; owner and builder, H E Turner.

DWELLING, $6500; 433 Crescent Ave; owner, Chas A McPhie; builder, L C Be Osvld.

WAREHOUSE, $7000; 2141 Palm; owner and builder, Phillip H Gallian.

RESIDENCE, $9000; 42 Broadway; owner and builder, Archie Abbott, P O Box 601, San Mateo.

RESIDENCE, $7900; 152 16th Ave; owner, Frank De Santes; builder, Robert Smith Jr, 1650 Barrolhet Ave, Burlingame.

RESIDENCE, $8600; 206 Hobart; owner, Albert C Staepanti; builder, Robert Smith Jr.

RESIDENCE, $8400; 258 Portola; owner, Rodney C Smith; builder, Robert Smith Jr.

ALTER DWELLING, $45; 3011 Lansdale; owner and builder, M Boyle.

DWELLING, $10,000; 616 Birch; owner. Harry L Clark; builder, A B Dawson.

DWELLING, $10,000; 620 Burch; owner, Harry L Clark; builder, A B Dawson.

GARAGE, $1500; 523 N Idaho; owner and builder, Peter Nichols.

RESIDENCE, $16,000; 436 Princeton; owner, Agnes K Finley; builder, Irving Caster, 320 3rd Ave.

DWELLING, $15,000; Lot 38, Block 17, Baywood; owner and builder, George H Dunlop, 1400 Oakland Ave, Piedmont.

DWELLING, $8500; 2105 Lindburg; owner and builder, Robert Brann.

SAN CARLOS

DWELLINGS (5), $10,000 each; 2081 Eaton Ave, 137 Sunnydale, 1605 St Francis Way, 212 Alberta Ave, 181 Alberta Ave; owner and builder, P J Murphy.

DWELLING, $9000; 236 Garnet Ave; owner and builder, P J Murphy.

DWELLING, $10,000; 508 Pearl St; owner and builder, Charles J Holst.

ADD TO RESTAURANT, $9000; 1482 El Camino Real; owner and builder, Charles A Wynn.

CLASS C THEATER, $108,000; 1500-08-16-24-32-40-48 Laurel St; owner, Ray R Knight; builder, not let.

DWELLING, $9000; 1636 Cordilleras Ave; owner, A N Garnish; builder, Ellingson & Mitchell.

PORCH and PATIO, $400; 2257 Howard Ave; owner and builder, G P Kuenkler.

ADD TO SERVICE STATION, $3000; Lot 9, Block 9, San Carlos Subdivision; owner and builder, Art Tofanelli.

GREENHOUSE, $200; 929 Walnut St; owner and builder, Kenneth L Parker.

DWELLING $8500; 1401 Howard Ave; owner and builder, Douglas L Mohr.

ADDITION, $800; 712 Tamarack Ave; owner and builder, H J Shade.

ALTER, $1500; 734 El Camino Real; owner, Biber Electric Co; builder, Arvil Larsen.

SAN LEANDRO

FROZEN FOOD LOCKER, $12,000; corner San Leandro Blvd and Parrott St; owner, Freezall, Inc, 1503 Central Bank Bldg, Oakland; builder, Laballos Bros, 850 Soto St, Hayward.

FRESNO

ALTER STORE, $100,000; 1152 Fulton; owner, John Azzaro; builder, Midstate Construction Co.

WAREHOUSE, $94,000; 1643 H St; owner, Budd & Quinn; builder, Trewhitt, Shields & Fisher.

SERVICE STATION, $10,000; 1506 Van Ness; owner, Standard Oil Co; builder, Alva Hackney & Sons.

DWELLING AND GARAGE, $7950; 4330 Iowa; owner, W Schwanenland; builder, H P Nelson.

DWELLING AND GARAGE, $6860; 5058 E Tulare; owner and builder, James H Mead.

DWELLING AND GARAGE, $6850; 5071 Kerckhoff; owner and builder, J F Jones.

STORAGE BUILDING, $1500; OFFICE AND STORE, $5000; 650 R St; owner, Crow-Harr Lumber Co.

DWELLING, $2500; 2530 Harvey; owner, J Ritchy.

GARAGE, $1000; 652 Vassar; owner, Dr Nelson; builder, Burt Taylor.

Completion Notices

SAN FRANCISCO

Recorded Accepted

Mar 20, 1946—SE THOMAS and Robblee Ave. Nils E Johnsson to whom it may concern..............March 15, 1946

ALAMEDA COUNTY

Recorded Accepted

Mar. 21, 1946—House on Lot 27, Block 4, Map Fitchburg Homestead Lots, and house on Lot 23, Block B, Map E 14th St Villa Tract, Alameda County. East Shore Homes, Inc. to P F Heraty ....Mar. 19, 1946

CONTRA COSTA COUNTY

Recorded Accepted

Mar. 19, 1946—Parcel of land 60 ft from intersection formed by east line of Railroad Ave and north line of Central Ave, Pittsburg. Joe J Enea to V A Davi & Sons ....Feb. 23, 1946

Mar. 19, 1946—Lots 51 and 52, Block 28, Nicholl Macdonald Ave Civic Center, Richmond. Lowell Bivens to whom it may concern..............Mar. 12, 1946

Mar. 19, 1946—Lot 9, Block 34, Martinez Land Co. Tract No 6, near Martinez. William S Wheeler to whom it may concern..Mar. 19, 1946

Liens Filed

ALAMEDA COUNTY

Recorded Amount

Mar. 20, 1946—Ptn Lots 1, 2 and 3, Block 2042, Map Rowland Tract, Oakland, Calif. F M Ireland Co vs Thomas E and Marie E Brown $1,389.43

CONTRA COSTA COUNTY

Recorded Amount

Mar. 18, 1946—Lots 1 and 2, Block 13, Spaulding Richmond Pullman Townsite, Richmond Timmons & Berk vs John Trull, et al........$445.64

Mar. 18, 1946—Commonly known and designated as 4143 San Pablo Ave, Richmond. Joseph J Smith vs John Trull, et al..............$16,686.68

Mar. 19, 1946—Premises commonly known and designated as 4143 San Pablo Ave, Richmond. A J Beckett, doing business as Beckett & Co, vs John Trull, et al..........$1,671.74

Non-Responsibility

SAN FRANCISCO

Mar 20, 1946—W KEARNY 138 N Sutter St. Theodore J H Lubbe as to improvements on property.

CONTRA COSTA COUNTY

Mar. 19, 1946—Lot 12 and ptn Lot 9, R N Burgess Co's Map No 1, Mount Diablo Boulevard Tract, near Concord. Henry S M Duncan as to improvements on property.

Release of Liens

CONTRA COSTA COUNTY

Recorded Amount

Mar. 19, 1946—Lots 15, 16, 17 and 18, Block 2, Richmond Junction, El Cerrito. Modern Builders Supply Co to Lawrence C McDaniel, et al $90.51

Mar. 19, 1946—Lots 15, 16, 17 and 18, Block 2, Richmond Junction, El Cerrito. Richmond Navigation & Improvement Co to Lawrence C McDaniel, et al..............$108.66

ALAMEDA COUNTY

Recorded Amount

Mar. 21, 1946—Lot 7, Tract 566, Alameda County, Calif. D W Nicholson Corp to S H and Edna M Milholland $1541.45

Cessation of Labor CONTRA COSTA COUNTY

Recorded Ceased

Mar. 18, 1946—Lot 31, Coles Addition, Walnut Creek. Lionel G. Shepherd to whom it may concern..............Mar. 13, 1946

Plumbing Permits

BERKELEY

2231 Derby; owner, Pyron; dealer, S S Jockums; wash tub; shower.

2982 College; owner, W H Mason; dealer, C O Carlson; 4 wash basins.

1886 San Pedro; owner, ...; dealer, Durant Plumbing; water closet; wash basin; bath tub; sink.

842 Santa Barbara; owner, E Kitty; dealer, Shret Plumbing; water closet; wash basin; shower.

1605 Julia; owner, Calder; dealer, MMerrill Plumbing; water closet; wash basin; sink; shower.

OAKLAND

10491 MacArthur Blvd; owner, M Atkinson; dealer, L J Kruse; 25 fixtures; 14 gas outlets.

2800 Park Blvd; owner, G Simons; dealer, L J Kruse; 3 fixtures; 1 gas outlet.

3757 35th Ave; owner, Nylund; dealer, E M Maloney; 4 gas outlets.

SE corner 13th Ave and MacArthur Blvd; owner, ...; dealer, E J Hoerst; 6 fixtures; 1 gas outlet.

5322 E 10th St; owner, ...; dealer, Wm J Souza; 3 fixtures; 2 gas outlets.

2229 13th Ave; owner, Anderson & Figaro; dealer, Lester Doell; 3 fixtures.

6016 Manchester Dr; owner, B Kramer; dealer, Wm Picard; 4 fixtures.

4838 E 14th St; owner, Ambrosio; dealer, W Archibald; 6 fixtures; 3 gas outlets.

1001 81st Ave; owner, Peter Paul Candy Co; dealer, L J Maddin; 10 fixtures; 5 gas outlets.

5800 Mendocino; owner, Regan; dealer, J Morsony; 1 fixture.

250 74th Ave; owner, ...; dealer, O Zeis; 2 gas outlets.

1432-34-36 E 31st St; owner, Dr Ellis; dealer, J Marsony; 12 fixtures; 9 gas outlets.

273 12th St; owner, Souza; dealer, E Bonin; 3 fixtures.

2547 E 14th St; owner, P Davis; dealer, F L Morrill; 7 fixtures; 1 gas outlet.

501 7th St; owner, Reliance Realty; dealer, T L Morrill; 12 fixtures; 2 gas outlets.

2200 Wood St; owner, Pasteria; dealer, T L Morrill; 14 fixtures.

52nd and E 14th St; owner, Haley; dealer, T L Morrill; 3 fixtures.

1807 Webster St; owner, Condues; dealer, T L Morrill; 20 fixtures; 10 gas outlets.

831 Webster St; owner, Flood; dealer, T L Morrill; 8 fixtures.

6328 San Pablo Ave; owner, W Cross; dealer, T L Morrill; 9 fixtures; 4 gas outlets.

657 MacArthur Blvd; owner, Signal Oil Co; dealer, T L Morrill; 8 fixtures.

6922 Weld Ave; owner, Fisher; dealer, T L Morrill; 5 fixtures; 3 outlets.

5823 Occidental; owner, Olympic Press; dealer, T L Morrill; 7 fixtures.

3405 Grand Ave; owner, Speude; dealer, Cleaners' Exchange; 2 gas outlets.

10034 Voltaire Ave; owner, J M Walker; dealer, J A Fazio; 5 fixtures; 3 gas outlets.

10115 Voltaire Ave; owner, J M Walker; dealer, J A Fazio; 5 fixtures; 3 gas outlets.

2590 Truman Ave; owner, E Van Ness; dealer, J A Fazio; 5 fixtures; 3 gas outlets.

1549 7th Ave; owner, Carl Dickie; dealer, J Tancredy; 2 fixtures.

1434 35th Ave; owner, ...; dealer, H Salisbury; 3 fixtures; 3 gas outlets.

6622 Sobrante; owner, Pearson; dealer, T L Morrill; 2 fixtures.

5935 Manchester Dr; owner, Rice; dealer, T L Morrill; sprinkling system, 18 outlets.

3428 Piedmont Ave; owner, Thompson & Young; dealer, H V Faulkner; 2 gas outlets.

582 Pinewood; owner, Frank; dealer, A Ferriera; 1 fixture.

344 63rd St; owner, Gerau; dealer, A Ferriera; 1 fixture.

800 22nd St; owner, E Bouchet; dealer, Cleaners' Exchange; 2 gas outlets.

3071 Curren; owner, E Pasquale; dealer, E Pasquale; 1 fixture.

Furnace Permits

OAKLAND

9th and Harrison Sts; owner, Du Pont Paint Co; dealer, Atlas Heating; central furnace.

1822 Montana; owner, Piery; dealer, Atlas Heating; central furnace.

959 Grovenor; owner, F Parmelee; dealer, Aarvaks Heating; central furnace.

2331 73rd Ave; owner, Holm; dealer, R A Roeber; floor furnace.

5921 Johnson Dr; owner, Rasmussen; dealer, Aarvaks Heating; central furnace.

1209 52nd Ave; owner, D Favn; dealer, R G Johnson; central furnace.

9311 Walnut St; owner, Bethel; dealer, Atlas Heating; floor furnace.

1018 MacArthur Blvd; owner, Hanson; dealer, Atlas Heating; central furnace.

9309 Walnut; owner, Bethel; dealer, Atlas Heating; floor furnace.

462 Santa Clara; owner, Smith; dealer, Atlas Heating; central furnace.

Electrical Permits

SAN FRANCISCO

64 S Balboa between 38th and 39th Aves; owner, Mills Construction Co; contractor, Century Electric Co; service.

65 5031 Geary; owner, Daughty's; contractor, Century Electric; ....

66 580 Market; owner, Baldwin-Howell; contractor, Century Electric Co; alterations.

67-68 80-84 Surrey; owner, Olafsson; contractor, Century Electric Co; 7 outlets; 8 switches; 12 plugs.

69-70 3930-24 Judah; owner, Tom Hamill; contractor, Century Electric; 16 outlets; 3 switches; 8 plugs.

71 4151 Geary; owner, French Hospital; contractor, Crown Electric Co; 6 plugs.

72 550 Sutter; owner, King Koll; contractor, Crown Electric; 2 outlets; 1 switch.

73 643 Hampshire; owner, Mrs Novaro; contractor, Crown Electric; 2 outlets; 3 switches; 2 plugs.

74 Scott and Lombard Sts; owner, Associated Oil Co; contractor, Crown Electric; 31 outlets; 6 plugs; service; motors.

75 3352 22nd St; owner, Harding; contractor, Strom & Smith; ....

76 1361 Grant Ave; owner, Dong; contractor, Ets-Hokin & Galvan; 3 outlets; service; motors.

77 S Judah 107 E 41st Ave; owner, Doelger; contractor, Richmond Electric; service.

78 N Judah 107 W 31st Ave; owner, Doelger; contractor, Richmond Electric; service.

79-98 200107-11-15-19-23-27-31-35-39-43-47-51-55-59-63-67-71-75-79 44th Ave, owner, Galli; contractor, Richmond Electric; 8 outlets; 8 switches; 8 plugs; service.

99 S Judah 25 E 27th Ave; owner, Doelger; contractor, Richmond Electric; service.

100 E Chester 225 N Bell; owner, Sullivan; contractor, Fred Johnson; ....

101 5186 Mission; owner, ...; contractor, State Electric; ....

102 2570 31st Ave; owner, McAdams; contractor, State Electric; 14 outlets; 6 switches; 17 plugs; service.

103 1097 Market; owner, Foster's; contractor, California Electric Const; alterations.

104 678 Broadway; owner, Broadway Laundry; contractor, Wonderlite Neon Products; sign.

105-128 Various locations and owners; contractor, Apex Electric; signs.

129 1281 Guerrero; owner, L Commer; contractor, F H Tattenham; 21 outlets; 9 switches; 6 plugs; service.

130 193 6th St; owner, Connier; contractor, Smith Electric; 1 switch; service; sign.

131 301 Montgomery; owner, ...; contractor, Smith Electric; alterations.

132 2148 15th Ave; owner, Lipman; contractor, Associated Elec & Mech Co; 3 outlets; 3 switches; 3 plugs.

133 16th St, Harrison and Treat Ave; owner, California Casket Co; contractor, C A Langlais; motors.

134 550 Montgomery St; owner, Capitol Co; contractor, Pacific Elec & Mech Co; motors.

135 168 2nd St; owner, Quaker Pacific Rubber Co; contractor, Pacific Elec & Mech Co; 2 outlets; 2 switches; motors.

136 150 Post St; owner, Kirk-Rich Dial; contractor, Pacific Elec & Mech Co; ....

137 101 S Van Ness Ave; owner, General Petroleum; contractor, Pacific Elec & Mech Co; 4 outlets; 1 switch; 2 plugs; motors.

138 77 O Farrell; owner, I Magnin; contractor, Pacific Elec & Mech Co; 27 outlets; 1 switch; 16 plugs.

139 146 Geary St; owner, Wallace Fur; contractor, Pacific Elec & Mech Co; 8 outlets; 2 switches; 3 plugs.

140 NE corner 39th Ave and Balboa; owner, Phil Hickory; contractor, Maim & Weiter; ....

141 4494 Mission; owner, Regal Manufacturing Co; contractor, American Elec Const; alterations.

142 502 Valencia; owner, George's; contractor, O'Keeffe the Fan Man; motors.

143 1739 Fillmore; owner, Juliette; contractor, O'Keeffe the Fan Man; motors.

144 835 Harrison St; owner, S & S; contractor, O'Keeffe the Fan Man; motors.

145 79 4th St; owner, Capitol Cafe; contractor, O'Keeffe the Fan Man; motors.

146 2367 Mission; owner, El Capitan Grill; owner, O'Keeffe the Fan Man; motors.

147 420 Turk St; owner, New System Laundry; contractor, O'Keeffe the Fan Man; motors.

148 3300 Bayshore Blvd; owner, Bayshore Cabin; contractor, O'Keeffe the Fan Man; motors.

149 100 Bush St; owner, Shell Oil Co; contractor, Stone-Ryals Electric; ....

150 385 1st St; owner, Atlas Sheave; contractor, Stone-Ryals; 3 outlets; 6 plugs; service; motors.

151 1420 Irving St; owner, Bookbinder; contractor, Richmond Electric; 16 outlets; 4 switches; 6 plugs; service.

152 2024 Lombard; owner, Marina Pet Hospital; contractor, Columbia Electric; 4 outlets; 2 switches; 4 plugs.

153 570 Market St; owner, Kauffman; contractor, Columbia Electric; 14 outlets; 3 switches; 5 plugs.

154 553 Bay St; owner, La Fiesta; contractor, Columbia Electric; 5 outlets; 1 switch; 1 plug.

155 61A 1st St; owner, S Iverier; contractor, Star Electric; 9 switches; 1 plug.

156 2782A 24th St; owner, Fetersol; contractor, Star Electric; ....

157 604 Burrows St; owner, Burke; contractor, Star Electric; 4 outlets; 6 switches; 4 plugs; service.

158-163 Various locations and owners; contractor, Q R S Neon; signs.

OAKLAND

36293 1150-56 83rd Ave; owner, Alameda Homes; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

36294 5134 Masonic Ave; owner, A L Holm; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

36295 8451 San Leandro St; owner, Stolte, Inc; contractor, Del Monte Electric; motors; alterations.

36296 1030 E 8th St; owner, Harmon; contractor, Ets-Hokin & Galvan; outlets; fixtures.

36297 2116 Webster; owner, Clark & O'Donnel; contractor, Scott-Buttner Electric; 7 outlets; 2 switches; motors; alterations.

36298 1924 Broadway; owner, The Lobby Pharmacy; contractor, White Electric; service.

36299 7400 E 11th; owner, Texeira; contractor, Collins Electric; 4 fixtures.

36300 6124 Foothill Blvd; owner, Gallonza; contractor, Collins Electric; outlets; switches; fixtures; motors.

36301 5520 Foothill Blvd; owner, Butler; contractor, Collins Electric; outlets; switches; fixtures; plugs.

36302 1786 7th St; owner, Miles; contractor, Paramount Electric; fixtures; alterations.

36303 5479 Claremont; owner, Romite; contratcor, Paramount Electric Co; outlets; switches; fixtures; plugs; alterations.

36304 664 Haddon Rd; owner, Montali; contractor, Paramount Electric; range.

36305 4700 Grove; owner, Diamond Dairy; contractor, Paramount Electric; 20 hp motor.

36306 5346 College Ave; owner, McCormick; contractor, Fox Electric; new service.

36307 6633 Sobrante Rd; owner, Pearson; contractor, Fox Electric; outlets; switches; fixtures.

36308 1563 Havenscourt, owner, Phelps; contractor, Fox Electric; 3 outlets; 1 switch.

36309 935 7th St West; owner, L Manzo; contractor, Fox Electric; 1 outlet.

36310 958 28th St; owner, Oakland Towel Co; contractor, T L Rosenberg; transformers.

36311 808 Broadway; owner, B Simon Hardware; contractor, T L Rosenberg; alterations.

36312 800 75th Ave; owner, McDonough Steel; contractor, T L Rosenberg; motors.

36313 2601 Wood St; owner, Chemicals, Inc; contractor, T L Rosenberg; thermostats on labeling machine.

36314 2102 Magellan Dr; owner, G B Fowls; contractor, special owner; 20 outlets; 15 switches; 8 fixtures.

36315 Oakland and MacArthur; owner, Standard Oil Co; contractor, White Electric; sign.

36316 5111 Miles Ave; owner, Polledro; contractor, A L Solari; 2 fixtures; service.

36317 3821 Ardley Street; owner, Blodgett; contractor, Del Monte El Co; 5 plugs; new service.

36318 7966 MacArthur Blvd; owner, Dretich; contractor, Melrose Elec Shop; wiring for two meters.

36319 2nd and Jackson Sts; owner, Miller Packing Co; contractor, T L Rosenberg Co; 2 motors

36320 3065 Kansas; owner, W A Schneider; contractor, Special Owner; outlets; fixtures; alterations

36321 5769 Vincente Street; owner, Corsentino; contractor, Scott-Buttner Elec Co; alterations.

36322 46th and Shattuck; owner, General Petroleum Co; contractor, Spott Electric; sign.

36323 900 Clay St; owner, Fish; contractor, Spott Electric; motors

36324 411 McAuley; owner, L F Delventhal, Jr; contractor, Special Owner; 1 outlet; 1 switch; alter.

36325 4442 Arcadia Ave; owner, Whalen; contractor, Collins Electric Co; outlets; switches; fixtures; pl.

36326 5214 E 12th St; owner, J McKnight; contractor, Abbett Elec Co; ⅓-hp. motors.

36327 NE Cor MacArthur Blvd and Broadway; owner, Permanente Foundation; contractor, Matson Elec Equip Co; alterations.

36328 5216 Desmond; owner, M Poole; contractor, College Ave Elec Co; 4 plugs.

36329 220 E 12th Street; owner, Friedman; contractor, Marelco, Inc; outlets; switches; motors; fixtures; plugs.

36330 3rd and Magnolia Streets; owner, Haslett Warehouse Co; contractor, H S Tittle Co; 3 outlets; 1 switch.

36331 9009 San Leandro St; owner United Industries; contractor, Del Monte Elec; 1 plug.

32332 1341 106th Avenue; owner, Jansson; contractor, Broadmoor El Co; 1 outlet; new service.

36333 1001 81st Ave; owner, Peter Paul Candy Co; contractor, Broadmoor Elec Co; 1 switch; 1 plug; 1 motor.

36334 10925 Reposa Dr; owner, R Towers; contractor, Johnston Elec; outlets; switches; fixtures; plugs.

36335 10919 Reposa Drive; owner, Ray Towers; contractor, Johnston Elec; outlets; switches; fixtures; pl.

36336 322 Bergedo; owner, Ray Towers; contractor, Johnston Elec; outlets; switches; fixtures; plugs.

36337 10931 Reposa Drive; owner, Ray Towers; contractor, Johnston Elec; outlets; switches; fixtures; pl.

36338 10937 Reposa Drive; owner. Ray Towers; contractor, Johnston Elec; outlets; switches; fixtures; pl.

36339 10945 Reposa Drive; owner, Ray Towers; contractor, Johnston Elec; outlets; switches; fixtures; pl.

36340 401 Catron Drive; owner, Ray Towers; contractor, Johnston Elec; outlets; switches; fixtures; pl.

36341 10950 Reposa Drive; owner. Ray Towers; contractor, Johnston Elec; outlets; switches; fixtures; pl.

36342 340 Gergedo; owner, Ray Towers; contractor, Johnston Elec; outlets; switches; fixtures; plugs.

36343 E Barry 150 NE 27th St; owner, Scherman; contractor, Johnston Electric; service.

36344 10115 Voltaire Avenue; owner, Walker; contractor, Johnston El; outlets; switches; fixtures; plugs.

BERKELEY

791 1998 Shattuck; owner, Sam Neider; contractor, Roberts Fixture Co; 8 motors.

792 5 Senior; owner, H A Cobden; contractor, Aarvaks Heating; 1 motor.

793 2238 Rose; owner, E A Cowen; contractor, Aarvaks Heating; 1 motor.

794 2884 Telegraph Ave; owner, Dr Meyer; contractor, Gardner Electric; 2 buzzers; door chime.

795 1541 Portland; owner and contractor, Frank Dowling; new service.

796 1501 Eastshore; owner, A J McCasker; contractor, Scott-Buttner; 6 outlets; 3 switches; 6 plugs; 2 circuits.

797 132 Southampton; owner, M McKennan; contractor, Scott-Buttner Electric; 2 outlets; 2 switches; 10 plugs; 4 circuits; 1 motor.

798 1210 Talbot; owner, Victory Builders; contractor, Scott-Buttner; new service.

799 700 Allston; owner, ...; contractor, Pacific Electric Motor; 1 motor.

800 1109 2nd St; owner, Air Reduction Sales Co; contractor, Pacific Electric Motor; 1 outlets; 1 switch; 1 fixture; 2 plugs; 1 circuit.

801 810 Carlton; owner, Colgate-Peet-Palmolive; contractor, Pacific Electric Motor; 12 outlets; 12 fixtures; 16 plugs; 6 circuits; 1 motor.

802 2411-13 Russell; owner, Jordan & Reed; contractor, Johnston Electric; 80 fixtures.

803 1104A 10th; owner, T M Liner; contractor, Johnston Electric; 12 outlets; 7 switches; 9 plugs; 6 circuits.

804 1533 Solano; owner, P Bogge; contractor, Haven & Wode; 1 circuit.

805 1964 Marin; owner, ...; contractor, Aarvaks Heating; 1 motor.

806 938 Grizzly Peak; owner, A L Estes; contractor, Gronholt Sheet Metal; 1 motor.

Machinery & Material

42— MISC. SUPPLIES AND MATERIALS

3/22/46 • • 42

CONTRACT AWARDED

OAKLAND, Alameda Co., Calif.—Steel Tank & Pipe Co., 1100 4th St., Berkeley, at $5718 awarded contract by the East Bay Municipal Utility District, Room 406, 512—16th Street, Oakland, under LS-349 for furnishing steel pipe for the Orinda filter plant, wash water line.

3/22/6 • • 42

BIDS OPENED

ODAIR, Wash.—Superior Portland Cement, Inc., Seattle, at $2.22 per barrel submitted apparent low bid to the U. S. Bureau of Reclamation, Denver, under Inv. F-38,491-A for 350,000 bbls. modified portland cement in paper sacks, fob shipping point and/or Odair, Wash., South Coulee Dam feeder canal, pumping plant and miscellaneous.

Other bids were:

Lehigh Portland Cement Co., Chicago, $2.35 per bbl.

Spokane Portland Cement Co., Spokane, Wash., $2.55 per bbl.

3/22/46 •• 42

BIDS POSTPONED

RIO GRANDE PROJECT, New Mexico.—Until April 15, 2 P. M. (postponed from March 29), bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. No. 1198 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Engle, Alamogordo, Tularosa or Socorro, N. M., as indicated in the specifications, electrical equipment for the Elephant Butte power plant and the Alamogordo, Hollywood and Socorro substations. Rio Grande Project, New Mexico. The apparatus will be installed by the government. No charge for copies of the specifications to prospective bona fide bidders; to others, $2.25, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colo.

43— MACHINERY AND EQUIPMENT

3/22/46 • • 43

BIDS OPENED

COLUMBIA BASIN PROJ., Wash. Washington Iron Works, Seattle, at $52,095 submitted low bid to Bureau of Reclamation, Walker R. Young, Chief Engineer, Denver, under Spec. No. 1166 for furnishing and delivering fob cars at the shipping point, parts for 150-ton gantry crane structure, Grand Coulee Dam, Columbia Basin Project, Wash. The railroad destination is Odair, Wash. All parts and equipment will be installed by the Government.

Star Iron & Steel Co., Tacoma, at $58,150 submitted only other bid.

3/22/46

LOW BIDDERS

CENTRAL VALLEY PROJ., Calif.—Western Pipe & Steel Co. of California, 200 Bush St., San Francisco, at $6030 submitted low bid to the U. S. Bureau of Reclamation, Denver, under Spec. 1177 for furnishing and delivering four vertical 18,000-gallon welded plate steel oil storage tanks and two vertical 4000-gallon welded plate steel oil storage tanks for installation in Keswick power plant, Kennett Div., Central Valley Proj., fob shipping point and/or Keswick.

Second and third low bids were:

Berkeley Steel Constr. Co., Berkeley, $8184.

California Steel Products Co., Richmond, $8530.

3/22/46 • • 43

BIDS WANTED

YAKIMA PROJ., Wash.—Until Apr. 11, 2:00 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, under Spec. 1257 for furnishing and delivering fob cars at the shipping point or fob cars at Yakima, and Sunnyside, Wash., at the option of the bidder, 30 motor-driven horizontal shaft, centrifugal type pumping units, each complete with pump, motor, flexible coupling, base plate, and all accessories required for a complete operating unit for seven pumping plants, Roza Division, Yakima, Proj., Wash. The pumping units will be installed by the Government. No charge for copies of the specifications to prospective bona fide bidders; to others $1.00, not returnable.

3/22/46 •• 43

BIDS WANTED

CENTRAL VALLEY PROJECT, California.—Until April 30, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. 1258 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Redding, Calif., at the option of the bidder, one trashrake and one trashrake hoist for the penstock intake trashracks at Keswick Dam, Kennett Division, Central Valley Project, California. The apparatus will be installed by the government. No charge for copies of the specifications to prospective bona fide bidders; to others, $1.40, not returnable.

3/22/46 •• 43

BID REJECTED

BERKELEY, Alameda Co., Calif.—Dohrmann Hotel Supply Co., 135 Stockton St., San Francisco, submitted only bid, which was rejected by the Berkeley Board of Education, John L. Poulsen, assistant secretary, Administration Bldg., 1414 Walnut St., Berkeley, for furnishing and installing dishwashing equipment at the Berkeley High School, Kittredge St. between Grove and Milvia Sts., Berkeley; Garfield Junior High School, Rose and Grant Sts., Berkeley, and Longfellow School, California and Derby Sts.

(Continued on Page Seven)

Prospective Bidders

Office Building, Salinas

BIDS: Architect Chas. E. Butner, 7 Winham St., Salinas, March 25, for Shippers' Development, Inc., 101 Highway South, Salinas.

Stolte, Inc., Casanova Ave., Monterey.

Pacific Builders, 312 E. Alisal, Salinas.

Vern R. Huck, 3021 Rowena Ave., Los Angeles.

F. V. Hampshire, 103 Nacional St., Salinas.

Hazelton Elementary School Addition, Stockton, Calif.

BIDS: Board of Education, Stockton Unified School District, Administration Bldg., Stockton, April 2, 8 P. M. Plans by Architect J. U. Clowdsley, Exchange Bldg., Stockton.

S. C. Giles & Co., 319 Elks' Bldg., Stockton.

S. C. Giles & Co., 319 Elks Bldg., Stockton.

Classified Advertising

HELP WANTED

Fully experienced FIRST CLASS DRAFTSMAN for substantial contemporary work. Mendelsohn, Dinwiddie & Hill, 233 Sansome St., San Francisco 4. (3/22-25-26-27-28/46)

DRAFTSMAN wanted. Apply to John Hudspeth, Architect, with samples of work. 427 13th St., Oakland. •

POSITION WANTED

JUNIOR ESTIMATOR, graduate Civil Engineer; Veteran; age 29; desires position with contractor. Reply Box 319, c/o Daily Pacific Builder.

..TAKE CARE OF THEM
—GEN. MacARTHUR
YOUR RED CROSS – STILL AT HIS SIDE

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Fifty-six
Years of
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Fifty-sixth Year—Vol. 56—No. 58 SAN FRANCISCO, MONDAY, MARCH 25, 1946 PRICE 15 CENTS PER COPY

LIBRAR

PLANS and Speculations

Martinez: Creation of the South Antioch Sanitary District has been approved by the Board of Supervisors who voted to exclude the Fitzpatrick Tract, adjacent to the city, from the project. A bond election date for the new district will be set this week.

oOo

Willows: Plans for a large war memorial hospital have been turned down by the county board of supervisors who have decided to continue their original plans for a 42-bed hospital. The Grange of the county has asked the board to reconsider.

oOo

Hayward: Definite plans for a city hospital will be outlined Thursday evening by the Community Council and the Chamber of Commerce in a mass meeting to be held in the city hall.

oOo

Niles: County Surveyor Wallace Boggs, in a meeting before the Junior Chamber of Commere here, outlined the road program and drainage survey being made. Of considerable interest were the construction projects of the Brightside bridge, improvement of the underpass at the steel bridge in Niles Canyon, and eventual construction of a four-lane highway along the present Niles-Alvarado road. The present Niles-Alvarado road will be resurfaced soon, Boggs said.

oOo

Susanville: County Supervisors have adopted a unified road program after Chairman W. J. Tunison rebuked them for having no definite plans for road construction and maintenance.

oOo

Pittsburg: Formal measures are underway by the Contra Costa Contractors association to bring pressure upon the Senate for passage of a federal home loan bill which would allow contractors loans up to 80 per cent of construction costs on houses, Chairman Bernard E. Enes disclosed last week.

oOo

San Francisco: Swoon King Frankie Sinatra, currently causing a truant problem here where he is appearing in person, has signed incorporation papers for a million dollar sports arena to be known as Hollywood Square Garden, Inc., of Hollywood. The project is patterned after Madison Square Garden and will feature similar entertainment and sports events.

oOo

Coalinga: Petitions for the creation of a local hospital district are being circulated by members of the Business and Professional Women's clubs here. Purpose of the move is to take over and enlarge present facilities of Pleasant Valley hospital.

National Veterans' Homestead Committee Designed To Spur Early Home Ownership

To the end that veterans of World War II may be assisted in obtaining homes, and that they may have a continuing interest in home ownership, the Home and Property Owners of America is organizing a Veterans' Homestead Committee on a national basis.

Announcement of this move was Saturday by Henry E. Price, Executive Director, of the H.P.O.A.

"While it is true that substantial educational benefits have been voted to the veterans under the Servicemen's Readjustment Act of 1944 hundreds of thousands of them cannot take advantage of this provision of the law," Price's statement read. "They are denied these benefits for the simple reason that they have neither the time nor the energy to attend classes. These men are too busy earning a living for their families.

"Yet, we cannot believe that Congress intended that there should be any discrimination among veterans. It was the intent of the lawmakers that they should share and share alike. It is the position of H. P. O. A. that the serviceman who cannot take the time off to attend classes, but who would use similar benefits to establish a home, thus contributing to the national wealth, should be considered," the statement read.

"The Veterans' Committee of H. P. O. A. will study all phases of home ownership, including taxation, assessments, construction and financing costs, and will immediately lend support to Veterans' Homestead Assistance Act. This measure has been introduced by Representatives Fred A. Hartley, of New Jersey and J. Hardin Peterson, of Florida, and provides for grants of from $500 to $2500 for veterans desiring to own their own homes. Under such a law the veteran would be reimbursed to the extent to which home construction costs advanced while he was serving his country.

"Every precaution has been taken by the bill to protect the rights of the veterans against abuses which may arise. He would be encouraged to own and live in his own home, which is the task to which H. P. O. A. is devoting itself, not only for the veterans but for all other classes of home owners," the statement concluded.

The task of the Veterans' Committee of the H. P. O. A. is one of keeping home owning veterans advised on legislation which vitally affects the ownership of property. The committee will deal with such ownership in all phases, including financing, taxation and restrictions imposed through federal legislation.

#

New Awning Paint Defies Heat, Glare

Having an awning that reflects heat away from a window as well as giving it shade has long been a wish unfulfilled.

Now, however, such a thing is possible and with one's own awnings, too, whether they're old or new. For a new aluminum paint for canvas has been created by Interchemical corporation, Trade Sales division, Fair Lawn, N. J.

This new paint, known as Setfast Aluminum Canvas Paint, is more than just the addition of a new color to their regular line of Setfast canvas paint. It contains all the heat reflecting values of other aluminum paints and, in consequence, provides substantial protection from heat.

This new aluminum paint for canvas will not crack or stiffen the fabric. It is water-repellent and sun-resistant and contains an active fungicide that will protect canvas from rot and mildew. The aluminum paint has great hiding power, too, and one coat will usually provide satisfactory coverage. Its actual coverage will approximate 70 square feet per quart, depending on the condition of the canvas.

Setfast Aluminum Canvas Paint is delivered ready mixed and needs only stirring to be ready for application. It is sold by department stores, paint and hardware stores as well as mail order warehouses throughout the country.

#

TRAFFIC SURVEY GETS SECOND SPAN DATA

Motorists traveling the Bay Bridge are being handed postal cards soliciting certain information as the preliminary step in planning a second span across the bay.

Howard C. Wood, principal bridge engineer, is in charge of the survey which is counting the origin and destination of all bridge traffic.

GENERAL DRYDOCK CO. SOLD FOR $7,500,000

The big General Engineering & Drydock company, with plants in Oakland, Alameda and San Francisco, has been sold for a reported $7,500,000 to Godfrey K. Waters, New York engineering contractor.

The firm is listed as one of the five major bay area facilities that the Navy desired to retain as a peacetime unit.

GROOVER AND I

GLAMOUR LEGS

Washington has just felt a slight tremor in connection with 25 thousand pair of $1.35 nylon hose placed on sale in an Army officers' post exchange at 87c per pair.

★ ★ ★

A protest of discrimination was heard, as only officers could purchase the hose. The Quartermaster General stepped in, but not until the squawk had hit the press wires.

★ ★ ★

How would YOU go about dividing 25,000 pair of hose among 25 million service men? To be strictly democratic and divide them equally each soldier would get a scrap about the size of a wrist watch.

★ ★ ★

Discrimination isn't confined to the Army. The government is discriminating against American women in favor of Mexican women. Export permits for nylon hose by the thousands of dozens are issued for shipment to Mexico.

★ ★ ★

Mexico is enjoying a U. S. sponsored inflation. It isn't called black market. It's the only market there is. It is a seller's market. U. S. made nylon hose are selling in Mexico at anything from $2 to $10 per pair up to $50 per pair.

★ ★ ★

Kipling wrote:

"Judy O'Grady and the Colonel's Lady are sisters under the skin." Perhaps that's the way it is under the skin, but what a difference it makes from the skin out—if it's nylon!

★ ★ ★

The gals who want democratic equality for their menfolk are the same gals who feel so smugly superior in nylons when one of their sisters draggle past wearing droopy, creepy, twisty rayons.

#

SCRAP COSTLY PIPING

Wartime adjuncts to the Burma Road and other military operations in Burma, pipelines costing an estimated $31,500,000, have been sold for junk at a sum reported to be $1,376,000, the Office of the Foreign Liquidation Commission reports.

Manufacturers Can Fill 1946 Building Needs If Allowed To Produce, Survey Shows

Douglas Whitlock, chairman of the Advisory Board of the Producers' Council, national organization of building product manufacturers, today made the following statement:

"Study of the productive capacity of plants manufacturing building products shows clearly that existing plants can produce this year enough of the currently scarce materials and equipment to permit complete fulfillment of the housing program proposed by Housing Expediter Wilson W. Wyatt," Whitlock said.

"The stduy was made by a committee of recognized economists at the request of the Producers' Council, national organization of building product manufacturers. The major conclusions are confirmed by a report previously issued by the U. S. Department of Labor.

"The study shows unmistakably that there is no need to appropriate huge sums from the Treasury for the purpose of subsidizing new or marginal manufacturers, as has been proposed by Wyatt. Nor is there any need to adopt a program of tax amortization to expedite the building of new plants. Existing capacity is more than ample, provided that capacity is put to work with the aid of price ceiling adjustments.

"The study revealed that in most instances existing plants producing currently scarce materials were operating in January at only about 27 to 82 per cent of capacity, because of inadequate price ceilings.

"In addition to making it possible to meet the Wyatt housing goals, there can be a sufficient supply of materials to permit a volume of non-housing construction—industrial, commercial, farm, utility, etc.—greater than the maximum amount estimated for this year by the Federal government or by private sources.

"Accordingly, while it is desirable to prevent any excessive volume of non-essential construction, the attainable supply of materials would make it possible to go ahead this year with most of the non-housing construction which anyone is likely to want to start, and still meet the housing goals. The proposed order limiting non-residential construction, together with Priority Regulation 33, will assure that essential materials will not be taken away from housing in case any temporary shortages should develop.

"In the Council's study, the practical capacity of building product plants at the present time is assumed to be the actual output in 1941, except where additional capacity is known to have been added in the meanwhile.

"However, for the purpose of conservatism, estimates of attainable 1946 production of scarce building products have been reduced below the output which the building products industry actually attained in 1941. These estimates for 1946 are based on the assumption that needed price ceilings adjustments will be made immediately and that labor disputes do not retard production.

"These figures show that production of bathtubs in 1946 can be 24 per cent greater than the number required for the Wyatt program; brick production, 38 per cent greater; clay tile production, 81 per cent greater; concrete block production, 19 per cent greater; gypsum board and lath production, 33 per cent greater; lumber, millwork and flooring production, 66 per cent greater; cast iron sewer pipe production, 35 per cent greater; clay sewer pipe production, 91 per cent greater; and cast iron radiation production, 19 per cent greater.

"Production of the tenth item in the list of currently critical materials, plywood, will probably be 27 per cent less than could be used, but ample substitutes will be available.

"All of these figures refer to an output in 1946 ranging from 5 to 36 per cent less than that actually attained as recently as 1941. This indicates the large reservoir of capacity which can be brought into use in 1947.

"However, present production of these items in most cases is well below the rate which could be attained this year if necessary price

(Continued on Page Four)

N.A.M. Sponsors Finance Conference At Palace, Mar. 26

The outlook for taxes, governmental economy and tax administration will be explored by some of the nation's leading experts at a government finance conference, sponsored by the National Association of Manufacturers, to be held at the Palace hotel, Mar. 26.

Dr. Harley L. Lutz, professor of public finance, Princeton university, will speak at the luncheon session on "The Old-Time Religion—Balance the Budget". H. E. Humphreys, Jr., chairman of United States Rubber Company Finance Committee, and of NAM Tax Council, will also speak at the luncheon, on "Overtaxing Our Economy".

Dr. Lutz, former president of the National Tax association, is well known as an author and columnist. He writes a syndicated column which appears in more than 3,000 newspapers. In the late 1920's he was a professor of economics at Stanford University.

Afternoon session speakers include F. A. Ulmer, treasurer, Monsanto Chemical Co., who will speak on "Sound Tax Adminisrtation"; Lane D. Webber, vice-president Southern California Edison Co., Ltd., "Five Steps to Solvency", and R. E. Burgess, Director of NAM's Government Finance Department, "A Report of Action".

Five hundred Northern California business and industrial leaders are expected to attend the conference, which is being co-sponsored by the area's leading trade, employers' and manufacturing association. A panel session, at which A. C. Mattei, president, Honolulu Oil Co., will act as moderator, is also scheduled in the afternoon.

#

HONOR GEN. STILWELL

General Joseph W. Stilwell, commanding general of the Sixth Army, will be guest speaker at a luncheon sponsored by the San Francisco Chamber of Commerce and Commercial Club, Thursday, in the Club's dining room.

General Stilwell has chosen as his luncheon topic, "Concerning the Army".

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ADVANCE CONSTRUCTION REPORTS

DAILY PACIFIC BUILDER
(Established 1890)
Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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1-8—COMMERCIAL BLDGS.

3/25/46 • 5
SUB-CONTRACTS AWARDED
ALTERATIONS TO BAR
Est. Cost, $12,000-$13,000
OAKLAND, Alameda County, Calif. Seventh and Washington Streets.
Alterations to bar, including outside tile, plate glass, fluorescent lighting, three sets plumbing, asphaltic tile floor, concrete work, mirrors, interior painting.
Owner—Withheld.
Architect—Guy L. Brown, Bank of Commerce Bldg., Oakland.
Contractor—V. E. Sigge, 3912 Linwood Avenue, Oakland.
Plumbing—Morrill Plumbing Company, 5662 Keith Avenue.
Electric Wiring—Clifford Elec. Co., 830 E 14th St.
Tile Work & Linoluem—Rigney Tile Co, 3012 Harrison Street.
Glass—Western Sash & Door Co., 5th and Cypress Streets.
Lumber and Mill Work—Hogan Lbr Co, 2nd and Alice Streets.
Painting—W. J. Hillery, 75 Monte Vista.
All of Oakland.

3/25/46 • 8
SUB-CONTRACTS AWARDED
AUTO SALES BLDG. Cost, $49,595
SAN FRANCISCO. Mission St.
Construction of one-story reinforced concrete auto sales and service building.
Owner—Priola Brothers.
Architect—Mario Ciampi, 333 Kearny.
Contractor—Carrico & Gautier, 365 Ocean Ave.
Roofing—Alta Roofing Co., 976 Indiana St.
Plumbing and Heating—Anderson & Rowe, 2501 Harrison St.
Electric Wiring—Arc Electric Co., 4792 Mission St.
Sheet Metal—Guilfoy Cornice Works, 1234 Howard St.
Glass—W. P. Fuller Co., 301 Mission.
Miscellaneous Iron—Sartorius Co., 2530 18th St.
Grading—Piombo Bros., 1571 Turk St.
Mill Work—Minton Lumber Co., 599 Front St., Mt. View.
Hardware—Palace Hardware Co., 581 Market St.
Painting—Raphael Co., 270 Tehama.
Lathing and Plastering—John Shimmon, 1612 Noriega St.
Steel Rolling Doors—Parker Building Specialties, Inc., 1066 Howard St.

3/25/ 8
SUB-CONTRACTS AWARDED
FURNITURE STORE Cost, $40,000
SAN FRANCISCO. 1019 Clement St.
Construction of two-story and mezzanine frame furniture store building (95x75 feet), including addition to adjoining building.
Owner—Fisher's Drapery and Furniture Shop, 1020 Clement Street.
Architect—Frank W. Dakin, 625 Market Street.
Contractor—L. J. Landry, 254 Beverly Street.
Plumbing—H. B. Williamson, 141 Moneta Way.
Sheet Metal—Ideal Ventilation and Sheet Metal Works, 960 Natoma St.
Glass—W. P. Fuller & Co., 301 Mission Street.
Structural Steel—Mortenson Constr. Co., 608 Indiana St.
Foundations and Concrete—Pardini & Son, 546 Athens Street.
Lumber and Mill Work—Gillon Lbr. Co., 3931 Geary St.
Painting—Chas. Folden, 1350 Lawton.
Lathing and Plastering—Dante Bertocchini, 1138 Treat Ave.
Reinforcing Iron (concrete)—Judson Pacific-Murphy Corp., 1200 17th St.
Elevator—San Francisco Elevator Co., Inc., 860 Folsom Street.
Celetox Tile Board—Western Asbestos Co., 675 Townsend St.

3/25/46 4
WORK STARTED
SEATTLE, Wash.—Reimers & Jolivette, general contractors, Builders' Exchange Bldg., Seattle, Wash., have started work on remodelling a 7-story and basement office building on SW. Pine St., Seattle, Wash., for the Macabe Co.; 150,000 sq. ft. of floor space; estimated cost, $1,000,000. Plans are being prepared by Architect Walter Church, Builders' Exchange Bldg., Seattle, Wash.

3/25/46 •• 3
WORK UNDER WAY
ADDITION TO PLANT
OAKLAND, Alameda County, Calif. Addition to frozen food plant to include doubling of storage capacity by 50,000 cubic feet.
Owner—Frozen Food Distributors, 955 57th St., Oakland, A. W. Langfield, general manager.
Architect—Alben Froberg, 3454 Harlan St., Oakland.
Contractors—H. J. Christensen and W. E. Lyons Construction Co., 3454 Harlan St., Oakland.
Work is expected to be completed by July 1.

3/26/46 • • 2
BIDS WANTED
DAVIS DAM PROJECT, Ariz.-Nev.—Until April 15, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Kingman, Ariz., under Spec. 1242 for construction of garage and fire station at Davis Government Camp, Davis Dam Proj., Ariz.-Nev. Work is situated about thirty miles west of Kingman, Ariz.
Work involves:
(1) 100 c.y. excavation;
(2) 850 c.y. compacted fill;
(3) 60 c.y. concrete in foundations;
(4) furnish and place 3,200 lbs. of reinf. bars in foundations;
(5) constructing garage and fire station building, except excavation, compacted fill, conc. in foundations, and furnishing and placing reinf. bars in foundations.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, Chief Engineer, U. S. Custom House, Denver 2, Colo.; E. A. Moritz, Regional Director, Administration Bldg., Boulder City, Nevada; H. F. Bahmeier, Acting Construction Engineer, Kingman, Ariz., and Michael W. Straus, Commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the Acting Construction Engineer.

No charge to prospective bidders for copies of the specifications and drawings; to others, $2.50 per copy, not returnable.

3/25/46 • 3
CONSTRUCTION STARTED
WAREHOUSE Cost, $73,000
FRESNO, Fresno Co., Calif. West side of H St. bet. Calaveras and San Joaquin Sts.
Construction of one-story reinforced concrete warehouse (350x90-ft.)
Owner—Budd & Quinn, 1560 H St., Fresno.
Contractor—Trewhitt, Shields and Fisher, Pacific Southwest Building, Fresno.

3/25/46 •• 4
BIDS WANTED
BENICIA, Solano Co., Calif.—Until April 4, 2 P. M., bids will be received by the U. S. Engineer Office, 74 New Montgomery St., San Francisco, under Serial No. 04-203-46-10 for gutters and roof leaders for Reclamation Bldg., Benicia Arsenal.
Specifications obtainable from the above office.

3/25/46 • 6
PREPARING PRELIMINARY PLANS
SALES BUILDING Est. Cost, $7,000
BRENTWOOD, Contra Costa County, Calif.
Construction of one-story grid form sales building.
Owner—E. C. McEneany, c/o architect.
Architects—Elizabeth H. Witkin and Michael Goodman, 2712 Shasta Rd., Berkeley.

3/25/46 4
SUB-CONTRACTS AWARDED
TELEPHONE BUILDING
Contract Price, $77,845
SACRAMENTO, Sacramento County, Calif. 2216 Stockton Blvd.
General construction of Sacramento South office building.
Owner—Pacific Telephone & Telegraph Co., 140 New Montgomery St., San Francisco.
Plans by engineering department of owner.
Contractor—Lawrence Construction Co., 3020 V St., Sacramento.
Roofing—Sacramento Roofing & Insulation Co., Box 2253, Sacramento.
Plumbing and Heating—M. R. Carpenter, 907 Front St., Sacramento.

3/25/46 •• 7
PREPARING PRELIMINARY PLANS
FOOD CENTER
SAN FRANCISCO. Northeast corner 23rd and Kansas Sts.
Construction of new frame food center building and alterations to existing frame building (combined dimensions 50x100 ft.).
Owner—Dave Raffo.
Plans by Leonard S. Mosias, 255 California St.

3/25/46 •• 6
PREPARING PRELIMINARY PLANS
STORE AND OFFICE BUILDING
Approximate Cost, $50,000
MENLO PARK, San Mateo County, Calif.
Construction of store and office building, first floor 100x80 ft., partial second floor; concrete walls, wood interior framing, etc.
Owner—Withheld.
Architects—Clarence O. Peterson and Wendell R. Spackman, 604 Mission St., San Francisco.
Structural Engineer—John A. Blume, 68 Post St., San Francisco.

3/25/46 • • 4
PLANS BEING FIGURED—BIDS OPEN APRIL 12
OFFICE AND LAB. BLDG., AND INDUSTRIAL RELATIONS BLDG.
RICHMOND, Contra Costa Co., Cal.
Construction of office and laboratory building and industrial relations building.
Owner—Standard Oil Co. of Calif. (California Research Corp.), 225 Bush St., San Francisco.
Architect for Office-Lab.—T. Geoffrey Bangs, 605 Market Street, San Francisco.
Architect for Indus. Relations Bldg.—W. D. Peugh, 333 Montgomery St., San Francisco.
As previously reported, plans for both buildings are being figured by a selected list of contractors under one bid.

3/25/46 • • 5
PREPARING PLANS
RESTAURANT
Approx. Cost, $150,000 to $200,000
VACAVILLE, Sacramento Co., Cal. On Highway near Vacaville.
Construction of restaurant of stabilized adobe bricks and Zonolite concrete, exposed heavy redwood framing, tile flooring, etc., known as the "Nut Tree".
Owner—The Nut Tree Restaurant, Highway, Vacaville.
Plans by Hugh W. Comstock, Sixth and Torres, Carmel.
Structural Engineer—John A. Blume, 68 Post St., San Francisco.
Mechanical Engr.—Clyde E. Bentley, 216 Pine St., San Francisco.
Contractor—Hugh M. Comstock, 6th and Torres, Carmel.

9-10—EDUCATIONAL BUILDINGS

3/26/46 • 9
FUNDS AWARDED
GYMNASIUM Est. Cost, $120,344
LOVINGTON, Lea Co., New Mexico.
Construction of gymnasium.
Owner—Lovington School Dist., J. L. Yarbo, Pres. of Board of Education, Lovington.
Engineers—Schaefer & Merrell, Clovis, New Mexico.
The Bureau of Community Facilities, FWA, 2223 Fulton St., Berkeley, has awarded funds in amount of $3811 to assist in preparation of the plans.

3/25/46 • 40
BIDS WANTED
IDAHO STATE.—Until March 29, 2 P. M., bids will be received by T. Matt Hally, Director of Highways, Boise, Idaho, for crushing and hauling crushed rock surfacing on approximately 6 miles of roadway between Kamiah and Woodland and furnishing a crushed rock maintenance stockpile, C-1396; furnishing a crushed rock stockpile on SR-7 in Idaho and Clearwater counties, S-1408. A proposal guaranty in amount of 5% of bid required.
Plans and specifications available from Bureau of Highways, Boise, Idaho, upon deposit of $2.00.

3/25/46 9
BIDS OPENED
MARICOPA COUNTY, Arizona.—R. E. Bruce, Route 1, Box 76, Phoenix, Ariz., at $168,000, submitted low bid to the Board of Supervisors of Maricopa County, Courthouse, Phoenix, Ariz., March 13, for the construction of school buildings at Grandview, Longview and Osborn schools, and certain alterations at Osborn School for School District No. 8 of Maricopa County, Arizona.
Complete base bids were:
R. E. Bruce, (1) $55,276, (2) $63,729, (3) $51,541, (4)$168,000.
E. W. Duhame, (4) $182,701.
The bids were taken under advisement.
Plans were prepared by Architects Lescher & Mahoney, 1100 Title & Trust Bldg., Phoenix, Ariz.

3/25/46 ** 9
FUNDS AWARDED
SCHOOL BLDGS. Est. Cost, $465,000
CRAIG, Moffat County, Calif.
Construction of high school building and ground improvements.
Owner—Craig School District, D. W. Waldhauser, superintendent, Craig.
Architect—Paul Atchison, Denver, Colo.
The Bureau of Community Facilities, Federal Works Agency, 2223 Fulton St., Berkeley, Calif., has awarded funds in amount of $18,000 to assist in preparation of plans.

3/25/46 9
TO PREPARE PLANS
BURBANK, Los Angeles Co., Cal. Architects Kistner, Curtis & Wright, 202 Architects' Bldg., Los Angeles, have been commissioner by the Burbank Unified School District to prepare plans for the construction of schools in Burbank. Bonds in the sum of $3,500,000 were voted by the district in February.

3/25/46 9
BOND ELECTION
SAN BERNARDINO, Calif.—The San Bernardino Valley Junior College District will hold a special election April 12 to vote on the proposition of issuing and selling bonds in the sum of $1,160,000 to finance the construction of new school buildings for the district. The project will include a vocational and homemaking building, science, classroom, fine arts student building, an addition to the present library and the remodeling of the present science and administration buildings.

3/25/46 • • 9
STARTING WORKING DRAWINGS
SCHOOL ADDITION
STOCKTON, San Joaquin Co., Calif. Roosevelt Elementary School.
Construction of two-story addition to elementary school to contain eight classrooms and administrative offices.
Owner—Stockton Unified School District, Andrew P. Hill, city superintendent of schools, San Joaquin and Lindsay Streets, Stockton.
Architect—Peter L. Sala, 2130 North Commerce St., Stockton.

3/25/46 • • 9
TO PREPARE PLANS
SCHOOL ADDN.
BAYSHORE, San Mateo Co., Calif. 155 Orienta Street.
Construction of five additional classrooms and an office at the present elementary school.
Architects—Thos. M. Edwards and George Welmeyer, 704 Market St., San Francisco.
The school district recently voted bonds in amount of $75,000 to finance the above construction.

3/25/46 • • 10
WORKING DRAWINGS COMPLETED
DORMITORIES
STANFORD UNIVERSITY, Santa Clara Co., Cal. University Campus.
Construction of nine wood frame dormitory buildings to contain 46 living units; six of the buildings to be 20x170 ft.
Owner—Stanford University, Palo Alto.
Architect—Eldridge T. Spencer, 251 Kearny St., San Francisco.

3/25/46 • • 10
PREPARING WORKING DRAWINGS
PLANT SCIENCES BLDG.
Approx. Cost, $450,000
DAVIS, Yolo Co., Cal. Davis Campus
Construction of two-story reinforced concrete plant sciences building; concrete walls and floors, concrete roof, steam and forced warm air heating and ventilating system; building to contain floor area of 53,000 sq. ft.
Owner—The Regents of the University of California, Berkeley.
Architect—Eldridge T. Spencer, 251 Kearny St., San Francisco.

11—HOSPITALS

3/25/46 11
PREPARING PRELIMINARY PLANS
LONG BEACH, Los Angeles Co., Cal.—Architect Hugh R. Davies, 523 Security Bldg., Long Beach, is preparing preliminary sketches for an additional hospital building to be located at Termino Ave. and Pacific Coast Highway, Long Beach, for the Community Hospital, at the latter address. The building is being planned to contain 80 beds.

3/25/46 11
CONTRACT AWARDED
LOS ANGELES, Calif.—Joshua H. Marks Co., 816 W 5th St., Los Angeles, has contract for the construction of additions to the Motion Picture Country House, 23,350 Mulholland Drive, for the Motion Picture Relief Fund, Inc., 6902 Santa Monica Blvd., Los Angeles. Work will include guest units for 22 people consisting of six bldgs.; nurses' home with facilities for 15 nurses; doctors' residence and two wing additions to the hospital 30x90 feet in area containing surgery, laundry rooms and kitchen. Cost, $256,000.
Plans were prepared at the office of Architect Wm. L. Pereira, 7417 Beverly Blvd., Los Angeles.

3/25/46 •• 11
STATE BUILDING PROGRAM ON FILE
SACRAMENTO, Calif.—A summary of the postwar building program of the Division of Architecture, Sacramento, is on file for examination at office of DAILY PACIFIC BUILDER, 465 Tenth St., San Francisco

3/25/46 •• 11
TO PREPARE PLANS
HOSPITAL
SEATTLE, Wash. 6001 Corson Ave., Georgetown.
Construction of 1000-bed replacement structure of present unit No. 2 for chronic cases.
Owner—King County Hospital, Seattle.
Architects—Bebb & Jones, Hodge Bldg., associated with Marcus B. Priteca, Palomar Bldg., Seattle.

12-13—INDUSTRIAL BUILDINGS

3/25/46 • 12
SUB-CONTRACTS AWARDED
REDUCTION PLANT
MONTEREY, Monterey Co., Calif.
Construction of new 10-ton capacity reduction plant.
Owner—Oxnard Canners, S. A. Ferante, Manager, Oceanview Avenue and Prescott, Monterey.
Contractor—A. B. Coates, 980 Jefferson Street, Monterey.
Roofing—Frost Roofing and Tile Co., 1221 Fermont Street.
Plumbing and Sheet Metal—R. O. Summers, 409 Calle Principal.
Electric Wiring—Seale Electric Co., 478 Tyler St.
Glass—Thos. H. French, 131 Lighthouse Ave.
Lumber and Mill Work—Work Lumber Co., David and Lighthouse.
Hardware—Joe Rappa and Sons.
Lathing and Plastering—P. O Box 1882, Carmel.
All of Monterey unless otherwise noted.

3/25/46 • 12
SUB-CONTRACTS AWARDED
PLANT EXPANSION Cost, $125,000
EMERYVILLE, Alameda Co., Calif. Park Ave. and Hubbard St.
Construction of new plant to provide retail sales and storage departments and demonstration room.
Owner—Air Reduction Sales Co., Harold W. Saunders, district manager, 1280 45th St., Emeryville.
Contractors—H. J. Christensen Co. and W. E. Lyons Construction Co., 3454 Harlan St., Oakland.
Roofing—General Roofing Co., 3510 Peralta St., Oakland.
Plumbing—J. A. Fazio, 686 4th St.
Electric Wiring—Pacific Electric Motor Co., 10th and Oak Sts.
Heating—Pacific Heating & Ventilating Co., Builders' Exchange.
Tile Work—Rigney Tile Co., 3012 Harrison St.
Glass—W. P. Fuller & Co., 259 10th St.
Window Shades—Ambassador Venetion Blind Co., 650 Camelia St.
Grading—J. Calucci.
Mill Work—Clinton Mill & Lumber Co., 345 E. 7th St.
Hardware—Maxwell Hardware Co., 1320 Washington St.
Painting—Raphael Co., 270 Tehama St.
Lathing and Plastering—Clausen & Clausen, 3124 Chestnut St.
Concrete—Charles Hughes Co., 1001 Ashby Ave.
Steel Rolling Doors—Kinnear Manufacturing Co., 1742 Yosemite Ave.
Linoleum—Malott & Peterson, 2412 Harrison St., San Francisco.
All of Oakland unless otherwise noted.

3/25/46 12
SUB-CONTRACTS AWARDED
SHOP BLDG. Cost, $20,000
SAN JOSE, Santa Clara Co., Calif. Fifth and Keyes Streets.
Construction of blind manufacturing and shop bldg. (80x100 ft.); frame and stucco front, frame and metal sides and rear, wood trusses, steel sash, overhead doors, paint spray plts.
Owner—Withheld.
Architect—Donnell E. Jaekle, Builders' Exchange Building, San Jose.
Contractor—E. A. Hathaway, 1275 Glen Eyrie Avenue, San Jose.
Roofing—Conrad Roofing Service, 890 Cinnabar Street.
Plumbing and Heating—William F. Serpa, 497 N 13th Street.
Electric Wiring—Roy M. Butcher, 510 West San Fernando.
Glass—Christopher Schmidt Glass Co 418 S Market St.
Iron Grille Work—R. Hellwig Iron & Wire Works, 407 Vine Street.
Grading, Foundations and Concrete—J. C. Bateman, 590 Stockton Ave.
Lumber and Mill Work—Cheim Lumber Co., 1400 The Alameda.
Hardware—San Jose Hardware Co., 62 W San Fernando.
Painting—John Bakken, 85 East San Salvador.
Lathing and Plastering—Geo. Nelson 1132 Brace Ave.
Overhead Doors—Walter Bates, 666 Mission St., San Francisco.
Linoleum—Linoleum and Carpet Studio, 476 S First St.
All of San Jose, unles otherwise noted.

3/25/46 • •
CONTRACT AWARDED
SAN FRANCISCO.—E. J. Treacy, 425 Dewey Blvd., at $2510.00 awarded contract by the Department of Public Works, Room 282, City Hall, under Spec. No. 20,014 for improvement of portion of 14th Avenue between Vicente and Wawona Streets.

3/25/46 12
SUB-CONTRACTS AWARDED
PRINTING SHOP AND OFFICES
Cost, $22,000
SAN JOSE, Santa Clara Co., Calif. Almaden and San Carlos Streets.
Construction of reinforced concrete printing shop and office building; composition roofing, steel sash, overhead doors.
Owner—Rainbow Press, 425 S. First Street, San Jose.
Architect—Donnell E. Jaekle, Builders' Exchange Building, San Jose.
Contractor—E. A. Hathaway, 1275 Glen Eyrie Avenue, San Jose.
Roofing—California Roofing Co., P. O. Box 528.
Plumbing, Heating and Sheet Metal—Wm. Serpa, 497 N 13th St.
Electric Wiring—Roy Butcher, 510 West San Fernando.
Glass—Le Deit Glass Co., 301 West Santa Clara St.
Grading, Concrete and Foundations—J. C. Bateman, 590 Stockton Ave.
Lumber—Growers Lumber Co., Evely and Arques, Sunnyvale.
Mill Work—Cheim Lumber Co., 1400 The Alameda.
Hardware—Pacific Hardware & Steel Company.
Painting—John Bakken, 85 East San Salvador.
Lathing and Plastering—Geo. Nelson 1132 Brace Ave.
Linoleum—Linoleum Market, 198 W San Carlos St.
All of San Jose, unles otherwise noted.

3/25/46 • •
CONTRACT AWARDED
SAN FRANCISCO.—E. J. Treacy, 425 Dewey Blvd., at $1729.80 awarded contract by the Department of Public Works, Room 282, City Hall, under Spec. No. 20,036 for improvement of portions of Girard Street between Ordway and Ward Streets.

3/25/46 • •
CONTRACT AWARDED
SAN FRANCISCO.—Chas. L. Harney, 625 Market Street, at $5404.30 awarded contract by the Department of Public Works, Room 282, City Hall under Spec. 20,038 for improvement of portion of 41st and 42nd Avenues between Rivera and Santiago Sts., and Rivera between 41st and 42nd Avenues.

3/25/46 • 12
PLANNED
WINERY
UKIAH, Mendocino Co., Cal. Ackerman Creek property.
Construction of concrete winery (96 x 220) with million-gallon capacity, and provision for storage and fermentation purposes.
Owner—Mendocino Dry Wine Grape Growers, Ukiah.

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Clayton and Ygnacio Canals Specification No. 1188	Central Valley Project	3-27
Stilling Basin Spec. 1178	Central Valley Project	4- 8

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

N. Rothman Factory, South San Francisco; Bids open March 26, 2 P. M.
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081)
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Transwestern Constr. Co., Rm. 825, Rialto Bldg., S. F. (DOuglas 5708)
Rademann-Guisto, 40 Ringold St, San Francisco (MArket 8151)
Peter Kiewit Sons' Co, 442 Post St., San Francisco (EXbrook 5736)
Empire Constr. Co., 344 Harriet St., San Francisco (HEmlock 3400)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8310)

Warehouse and Office, Firebrick Supply, 18th and Indiana Streets, San Francisco; Bids open March 27, 3:00 P. M.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209)

Office and Lab. Bldg. and Industrial Relations Bldg., California Research Corp., Richmond; Bids open April 12
E. S. McKittrick Co., 610 16th Street, Oakland (TWin Oaks 5070)
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)

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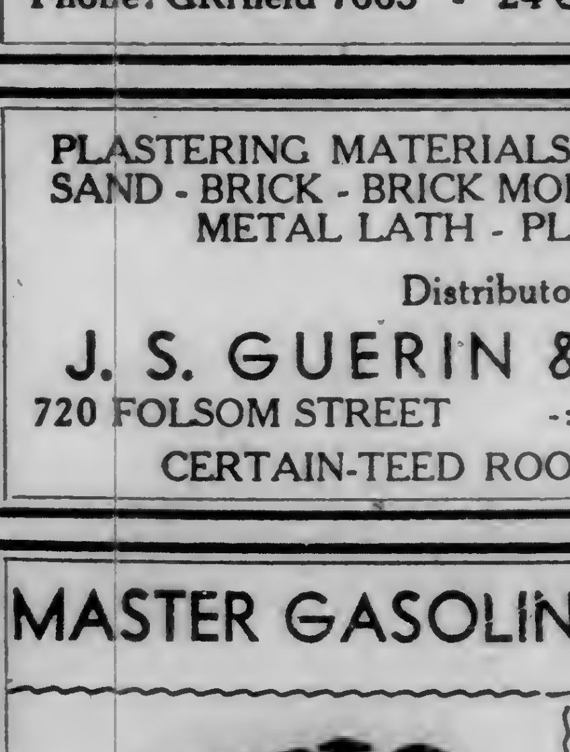

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ADVANCE CONSTRUCTION REPORTS

18-19—RELIGIOUS BLDGS. BUILDINGS

3/25/46 •• 19
PLANNED
CHURCH PROJECT
Estimated Cost, $120,000
OAKLAND, Alameda County, Calif.
Expansion of church facilities to include chapel building to seat 250; first unit to go under construction and to be followed by educational unit to accommodate 900 and a main auditorium.
Owner—Melrose Baptist Church, 47th and Bond Ets., Rev. Verner I. Olson, pastor, Oakland.

3/25/46 •• 19
SITE SELECTED
CHURCH
SAN MATEO, San Mateo Co., Calif. Corner of Walnut and Olive Sts.
Construction of new church building.
Owner—First Baptist Church, 2801 Alameda de las Pulgas, San Mateo.

20-21—SOCIAL AND RECREATIONAL BLDGS.

3/25/46 •• 21
PLANNED
AUDITORIUM
BURLINGAME, San Mateo Co., Calif. Near Washington Park baseball diamond.
Construction of auditorium (40x80 ft.) and additional club, storage and service facilities.
Owner—Burlingame American Legion Post No. 163, 990 Burlingame Ave., Burlingame.

3/25/46 •• 21
ARCHITECT SELECTED
THEATER Est. Cost, $108,000
SAN CARLOS, San Mateo Co., Calif. Laurel and White Oak Way.
Construction of building (100x175 ft.) to contain theater, drug store and restaurant; seating capacity approximately 1000 seats.
Owner—Ray A. Knight, 1290 45th Ave., San Francisco.
Architect—Frederick W. Quandt, 291 Golden Gate Ave., San Francisco
Work is expected to start in about six weeks.

22-26—RESIDENTIAL BUILDINGS

3/25/46 • 26
TO START CONSTRUCTION
RESIDENCES Cost, $168,000
SAN MATEO COUNTY, Cal. Newbridge Park near East Palo Alto.
Construction of 28 new residences
Owner and Builder—Arthur Greenbach, 2704 Rheem St., Richmond.
Plans by owner.

3/25/46 • 26
TO START CONSTRUCTION
RESIDENCES Cost, $275,000
REDWOOD CITY, San Mateo Co., Calif. Redwod Village Tract.
Construction of 55 new residences
Owner and Builder—Conway & Culligan, Monadnock Bldg., San Francisco.
Plans by owner.

3/25/46 • 26
TO START CONSTRUCTION
RESIDENCES Cost, $199,000
SAN MATEO COUNTY, Calif. Belle Haven City bet. Redwood City and East Palo Alto.
Construction of 27 new residences.
Owner & Builder—David D. Bohannon, 1182 Market St., San Francisco
Plans by owner.

3/25/46 24
SUB-CONTRACTS AWARDED
RESIDENCE
SAN JOSE, Santa Clara Co., Calif. Willow Glen.
Construction of one-story frame, stucco and brick veneer residence (six rooms).
Owner—Noble Hancock, c/o architect.
Architect—Gifford E. Sobey, 69 S. 1st St., San Jose.
Contractor—Joseph J. Graglia, 738 N. 4th St., San Jose.
Roofing—California Roofing Co., 206 Edna St., San Francisco.
Plumbing—Paul Ruscigno, 303 Post St., San Francisco.
Electric Wiring—Fields Electric, 2261 The Alameda, San Jose.
Heating & Sheet Metal—Western Sheet Metal Co., 393 W. Santa Clara St., San Jose.
Tile Work—Cangi Tile Co., 248 Vine St., San Jose.
Glass—Cobbledick-Kibbe Glass Co., 236 W. Santa Clara, San Jose.
Window Shades—Linoleum & Carpet Mart, 198 W. San Carlos, San Jose.
Hardwood Floors—Jack Spinezze, Stephens Creek Rd., San Jose.
Brick and Stone Work—Mario Ranco, San Jose.
Grading—Ted Tressler, Route 1, Box 119, Cupertino.
Foundations and Concrete—G. Pioli, 724 N. 17th St., San Jose.
Lumber—Cheim Lumber Co., 1400 The Alameda, San Jose.
Mill Work—P.-M. Co., San Jose.
Hardware—San Jose Hardware Co., 62 W. San Fernando, San Jose.
Painting—Joe Mamalo, 938 N. 3rd St., San Jose.
Lathing and Plastering—John C. McBain, 146 N. 1st St., Campbell.
Linoleum—Linoleum & Carpet Mart, 198 W. San Carlos, San Jose.

3/25/46 •• 26
CONTRACT AWARDED
DWELLING UNITS
Contract Price, $75,100
SOUTH GATE, Los Angeles County, Calif.
Construction of 50 family dwelling units; Calif. V-4345; completion date May 24.
Owner—Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco.
Contractor—Daley Bros., 426 Bryant St., San Francisco.

3/25/46 •• 26
CONTRACT AWARDED
DWELLING UNITS
Contract Price, $37,550
Construction of 25 family dwelling units; Calif. V-4347; completion date May 9.
Owner—Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco.
Contractor—Daley Bros., 426 Bryant St., San Francisco.

3/25/46 •• 26
CONTRACT REVISED
DWELLING UNITS
Contract Price, $371,048
LOS ANGELES, Los Angeles Co., Calif.
Construction contract Calif. V-4396 revised from 200 to 252 family dwelling units; completion date July 25.
Owner—Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco.
Contractor—Daley Bros., 426 Bryant St., San Francisco.

3/25/46 •• 26
CONTRACT AWARDED
DWELLING UNITS
Contract Price, $45,060
ANAHEIM, Orange County, Calif.
Construction of 30 family dwelling units; Calif. V-4386; completion date May 9.
Owner—Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco.
Contractor—Daley Bros., 426 Bryant St., San Francisco.

3/25/46 •• 26
CONTRACT AWARDED
DWELLING UNITS
Contract Price, $112,650
ALHAMBRA, Los Angeles County, Calif.
Construction of 75 family dwelling units; Calif. V-4335; completion date May 24.
Owner—Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco.
Contractor—Daley Bros., 426 Bryant St., San Francisco.

3/25/46 •• 26
CONTRACT AWARDED
DWELLING UNITS
Contract Price, $150,200
GLENDALE, Los Angeles County, Calif.
Construction of 100 family dwelling units; Calif. V-4334; completion date June 8.
Owner—Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco.
Contractor—Daley Bros., 426 Bryant St., San Francisco.

3/25/46 •• 22
PLANNED
HOTEL Est. Cost, $350,000
SAN FRANCISCO, Marin Co., Calif.
Construction of rancho-type community hotel of 100 rooms, with dining room to seat 500 persons, several shops and other buildings.
Owners—E. B. DeGolia, 311 California St., San Francisco; George B. Thompson, associate, and a group of local merchants.
Cost was estimated at $350,000 for construction and $100,000 for additional furnishings.

3/25/46 •• 22
PLANNED
ADDITIONS TO HOTEL
LOS GATOS, Santa Clara Co., Calif. Rex Hotel.
Enlargement of Rex oHtel to include several storerooms and office unit.
Owners—Carl Ferranti and Louis Iasia, poultry dealers, 101 Highway.

3/25/46 26
PLANNED
LOS ANGELES, Calif.—The McCarthy Co., 1138 S Broadway, Los Angeles, will build thirty 6-room frame and stucco dwellings in the 6200 block W 96th St., and the 9400 and 9500 blocks on Kellyfield, Venice District, for self. Cost, $188,200.

3/25/46 •• 22
PREPARING PRELIMINARY PLANS
ALTER HOTEL
SAN FRANCISCO. Broadmoor Hotel, 1499 Sutter St.
General alterations to hotel building and addition of two stores.
Owner—Withheld.
Plans by Leonard S. Mosias, 255 California St.

3/25/46 • • 23
PLANS BEING FIGURED
ALTER RESIDENCE TO APTS.
SAN FRANCISCO. Lombard Street near Hyde St.
Alterations to two-story and basement residence to provide two apts.
Owner—Withheld.
Architects—Eldridge T. Spencer and Wm. Clement Ambrose, 251 Kearny Street.
Bids are now being received by the architects.

2/35/46 • • 26
TO START WORK
SUBDIVISION Est. Cost, $2,000,000
SAN CARLOS. San Mateo Co., Calif. "Sunset Highlands", bounded on east by Cordilleras Ave., south by Brittan Ave. ,to run along Alameda de las Pulgas.
Construction of subdivision to be divided into two projects, 108 homes in Project 1, and 100 homes in Project 2; 5- and 6-room houses, at $8,000-$10,000 each.
Owner and Builder—Walton A. Gould Constr. Co., 680 Laurel Street, San Carlos.
Engineering is already being done on the first project and it is expected to be ready for occupancy within four months.

3/25/46 •• 22
CONSTRUCTION STARTED
RESORT HOTEL Cost, $1,250,000
LAS VEGAS, Clark County, Nevada.
Construction of 120-room resort hotel with 460-ft. frontage, dining room, cocktail lounge, casino and hotel lobby, glassed-in swimming pool (40x80 ft.), and five cottages with six rooms in each; air conditioning system, etc.
Owner—Billy Wilkerson & Associates.
Architect—Richard Stadelman, 14 Fremont St., Las Vegas, Nev.
Contractor—Del E. Webb Construction Co., Box 4066, Phoenix, Ariz., and 1105 Continental Bldg., Los Angeles.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Water Supply and Sewage Disposal Plants 31-32
Bridges 33
Dams, Reservoirs and Dredging 34
Docks, Piers & Harbors 35
Parks, Airports and Playgrounds 36
Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

3/25/46 31
CONTRACT AWARDED
ESCONDIDO, San Diego Co., Calif.—American Pipe & Construction Co., 4635 Firestone Blvd., South Gate, was awarded contract by the Escondido Mutual Water Co., Escondido, March 16 at $85,013 for 27-in. pipe (item 5), and $42,380 for 21-in. pipe (item 6), for the construction of a water pipeline in Escondido.

The bids were taken as follows:
(1) 10,500 lin. ft. 27-in. 3/16-in. plate steel pipe;
(2) 6500 lin. ft. 21-in. same;
(3) 10,500 lin. ft. 27-in. gunite outside and coal tar inside pipe;
(4) 6500 lin. ft. 21-in. same;
(5) 10,500 lin. ft. 27-in. steel and concrete pipe;
(6) 6500 lin. ft. 21-in. same;
(a) furnishing labor only for excavating, installing pipe and backfilling;
(b) labor and material for same;
(c) furnishing material only.

Bids submitted for furnishing and installation of steel and concrete pipe on which basis the contract was awarded, were:

American Pipe & Construction Co., (5b) $85,013, (6b) $42,380.

The bids submitted for installation of pipe only were:

A. B. C. Construction Co., (1a) $26,273, (2a) $14,975, (a) $28,373, (4a) $15,475.

Haddock Engineers, Ltd., (1a) $26,695, (2a) $15,930, (3a) $28,795, (4a) $17,230.

Pacific Pipeline Construction Co., (1a) $33,368, (2a) $12,989, (3a) $51,008, (4a) $19,705.

Macco-Robertson Co., (1a) $47,341, (2a) $27,115, (3a) $49,126, (4a) $27,860.

Artukovich Bros., (1a) $67,311, (2a) $30,712, (3a) $69,886, (4a) $40,337.

Separate bids were received from Southern Pipe & Casing Co. and Western Pipe & Steel Co. for furnishing steel pipe and gunite and coal tar lined pipe.

34—DAMS, RESERVOIRS & DREDGING

3/25/46 • 34
CONTRACT AWARDED
GUAM, Mariana Islands.—Gaum Dredging Contractors, care of Standard Dredging Corp., 80 Broad St., New York City, N. Y., awarded contract by the U. S. Navy, Bureau of Yards and Docks, Washington, D. C., at an amount to be determined later, for dredging, furnishing dredging equipment and engineering services at Apra Harbor, Guam, Mariana Islands.

3/25/46 34
CONTRACT AWARDED
ALAMOGORDO, N. M.—Jones & Jones, construction engineers, Albuquerque, N. M., at $84,164.24, awarded contract by the City of Alamogordo, N. M., for the construction of an earthfill dam and water storage reservoir at Alamogordo, N. M. Plans and specifications were prepared by Ashley C. Classen & Associates, consulting engineers, 412 Martin Bldg., El Paso, Texas.

3/25/46 34
PLANNED
EASTERN IDAHO.—The Secretary of the Interior has approved a report outlined by the Bureau of Reclamation for a proposed plan for the reconstruction and further development of the Lewiston Orchards irrigation project in Eastern Idaho. Under the reconstruction plan proposed about 11,000 ft. of wooden flume and pipe would be replaced by concrete flume and pipe of welded steel. Work proposed on storage facilities at the project would include construction of an earth and rock fill dam to replace the present timber crib diversion dam on Webb Creek. Separate distribution systems would be built for irrigation and domestic water. The cost of the development recommended is estimated at $997,000.

3/25/46 •• 34
PLANS ON FILE
CENTRAL VALLEY PROJECT.—As previously reported, until April 8, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Walker R. Young, Chief Engineer, Friant, Calif., under Spec. 1178 for construction of Friant-Kern Canal stilling basin, Cottonwood Creek Bridge, Friant Dam landscape area improvements, Friant Division, Central Valley Project. Work is located about 1.5 miles northeast of Friant.

Work involves:
(1) 400 c.y. common excavation for structures;
(2) 2,600 c.y. rock do;
(3) 190 c.y. excavation, concrete;
(4) 2,200 c.y. all classes excav. for pipe trenches;
(5) 320 s.y. chipping and roughening concrete surfaces;
(6) 13,000 c.y. backfill;
(7) 13,000 c.y. compacting backfill;
(8) 800 c.y. embankment;
(9) 400 c.y. riprap;
(10) constructing 860 l.f. 12-in. diam. split-sewer pipe drains with cemented joints;
(11) constructing 900 l.f. 12-inch do with uncemented joints;
(12) constructing 80 l.f. 24-in. diam. sewer-pipe drains with cemented joints;
(13) drilling 1,600 l.f. holes for anchor bars and grouting bars in place
(14) 130 c.y. concrete in outlet valve structure;
(15) 3,000 c.y. concrete in floor and wall footings of stilling basin;
(16) 2,100 c.y. concrete in walls of stilling basin;
(17) 180 c.y. concrete in bridge struc.
(18) 20 c.y. concrete in septic tanks;
(19) 90 c.y. concrete in water tanks;
(20) 260 c.y. concrete in rest-houses;
(21) constructing three rest houses, except concrete;
(22) 54,000 s.f. vacuum concrete process for floor and inside surfaces of walls of stilling basin and transition;
(23) placing 580,000 lbs. reinf. bars;
(24) 1,000 s.y. grouted paving gutters
(25) 90 l.f. gravel backfilled gutters
(26) installing 5,000 lbs. misc. metalwork;
(27) constructing 3 M ft. b.m. timber railings;
(28) placing 250 s.f. elastic joint filler stop;
(29) placing 1,850 l.f. rubber water work;
(30) installing 4,500 lbs. of standard metal pipe, fittings and valves;
(31) laying 150,000 lbs. cast iron pipe
(32) 5 c.y. rubble masonry;
(33) laying 100 l.f. clay sewer pipe with poured joints;
(34) laying 2,400 l.f. drain tile embedded in gravel;
(35) placing 350 c.y. of water-bound macadam base course;
(36) 180 c.y. crushed rock for wearing course, in place;
(37) furnish, haul and spread 5,000 gals. road oil;
(38) mix, compact and finish 2,100 s.y. oil-treated wearing course;
(39) installing 1,100 lbs. pumps;
(40) installing 150 l.f. embedded electrical conduits;
(41) installing 5,000 l.f. of armored parkway cable.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, Chief Engineer, U. S. Customhouse, Denver 2, Colo.; R. L. Boke, Regional Director, Old Post Office Building, 7th and K Streets, Sacramento 14; R. K. Durant, Acting Construction Engineer, Friant, Cal., and Michael W. Straus, Commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the Acting Construction Engineer.

No charge to prospective bidders for specifications; to others, $2.50, not returnable.

3/25/46 •• 34
BIDS WANTED—TO BE OPENED APRIL 8, 2 P. M.
PADDOCK FENCING
SAN FRANCISCO. San Francisco Zoological Gardens.
Installation of paddock fencing.
Owner—Board of Park Commissioners, McLaren Lodge, Golden Gate Park.
Plans and specifications obtainable from the secretary of the board upon deposit of $5.

3/25/46 • • 34
BIDS WANTED
BOISE PROJECT, Idaho.—Until April 17, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Cascade, Ida., under Spec. 1251 for clearing part of Cascade reservoir site, Boise Project, Idaho. Work is situated on the North Fork of the Payette River, 1 to 10 miles northwest of Cascade, Idaho.

No charge to prospective bidders for specifications; to others, $1.00 per copy not returnable.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, Chief Engineer, U. S. Custom House, Denver 2, Colo.; R. J. Newell, Regional Director, P. O. Box 937, Reclamation Bldg., Fairgrounds, Boise, Idaho; E. L. Harmon, Engineer, Bureau of Reclamation, Cascade, Idaho; and Michael W. Straus, Commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the engineer.

3/25/46 34
LOW BIDDERS
TACOMA, Wash.—Northwest Hauling Co., Tacoma, Wash., at $167,382, submitted the low bid to the U. S. Navy, Capt. G. A. Duncan, officer in charge of construction, 13th Naval District, Exchange Bldg., Seattle, Wash., March 13, on revised specifications for the construction, including assembling and delivering of 14 camels, 2 pontoons wide by 18 pontoons long, and providing for installation of timber fenders thereon at Todd Pacific Shipyard, Inc., Tacoma, inactive fleet berthing facilities. The government will furnish the lumber.

The previous low bid, submitted Feb. 16 by Manson Construction & Engineering Co., at $236,160, has been rejected.

The three low bids submitted were:
Northwest Hauling Co., $167,382.
Manson Construction & Engineering Co., $168,400.
General Construction Co., $192,000.

3/25/46 • • 34
LOW BIDDERS
OSAGE COUNTY, Okla.—Plains Constr. Co., Oklahoma City, at $699,917 submitted low bid to the U. S. Engineer Office, P. O. Box 61, Tulsa 2, Okla., for construction of part of the embankment and excavation for spillway of Hula Dam, located on the Caney River in Osage County, Okla., about three miles west of Hula and about 16 miles northwest of Bartlesville, and about 60 miles north of Tulsa.

Second and third low bids were:
Porter-DeWitt Constr. Co., Poplar Bluff, Mo., $753,440.
Bowen & McLaughlin, Phoenix, Ariz., and J. Groves & Sons Co., Inc., Minneapolis, Minn., $758,405.

38—ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

3/25/46 •• 38
BIDS OPENED
LODGE GRASS, Mont.—D. M. Manning, Hysham, Mont., at (1) $338,360.75 lodge pole pine poles, C.S.P. transformer, (2) $333,658.84 lodge pole pine poles, conv. double gap transformer, submitted low bid to the Big Horn County Electric Cooperative, Inc., Lodge Grass, Mont., for approximately 136.7 miles REA project, located in Big Horn County, Montana, and Sheridan County, Wyoming.

Plans by Tovio Karkainen, engineer, Helena, Mont.

Other bids were:
Peter Kiewit Sons Co., Sheridan, Wyo., (1) $350,425.11, (2) $344,650.13.
Northwest Engineering Co., Rapid City, S. D., (1) $352,320.10, (2) $347,297.13
Rue Contracting Co., Fargo, N. D., (1) $355,531.59, (2) $350,509.36, (3) W. R.C. poles, C.S.P. transformers, $354,819.89, (4) W.R.C. poles, conv. double gap transformer, $349,797.66.
O'Neil Construction Co., Havre, Mont., (1) $374,191.45, (2) $368,607.01

3/25/46 •• 14
PROPOSED
MUNICIPAL STADIUM
OAKLAND, Alameda County, Calif.
Construction of 50,000-seat municipal stadium.
Owner—City of Oakland, City Hall, Oakland.

40— STREETS AND HIGHWAYS

3/25/46 •• 40
COMPLETE BIDS
SAN BERNARDINO COUNTY, Calif.—As previously reported, Matich Bros., Box 390, Colton, at $478,203.75, submitted low bid to the State Division of Highways, G. T. McCoy, state highway engineer, State Bldg., Los Angeles, for about 5.7 miles of grading and paving with portland cement concrete and constructing reinforced concrete bridge between Vineyard Ave. and Etiwanda Ave., San Bernardino County.

Work involves:
(1) 165 c.y. remove concrete;
(2) 298 sta. clear and grubb;
(3) 31,000 c.y. rdwy. excav.;
(4) 186,000 s.y. compact original ground;
(5) 2,350 c.y. struc. excav.;
(6) 3,900 c.y. ditch and channel do;
(7) 94,000 sta. yds. overhaul;
(8) 153,000 c.y. imported borrow;
(9) develop water supply and furnish water equipment;
(10) 7,960 M. gals. apply water;
(11) 298 sta. finish rdwy.;
(12) 80,500 sq. yds. subgrade treatment;
(13) 690 tons liq. asph. RC-3 or -3 subgrade treatment;
(14) 45 tons asph. emulsion seal coat;
(15) 430 tons screenings seal coat;
(16) 210 tons liq. asph. SC-3 or -4 service highway bit. surf. treatment;
(17) 42,000 sq. yds. prepare, mix and shape surf., service highway bit. surf. treatment;
(18) 9,500 tons min. agg. plant mix surfacing;
(19) 470 tons pave. asph. plant mix surfacing;
(20) 2 tons asph. paint binder;
(21) 260 l.f. raised bars plant mix surfacing;
(22) 18,200 c.y. Class B portland cement conc. pave.;
(23) 12,000 each tie bolt assemblies;
(24) 253 l.f. timber bridge railing;
(25) 1,505 c.y. Class A portland cement conc. structures;
(26) 485 l.f. concrete bridge railing;
(27) 292,000 lbs. furnish bar reinf. steel;
(28) 292,000 lbs. place do;
(29) 280 lbs. misc. iron and steel;
(30) 2,148 l.f. furnish concrete piles;
(31) 79 each drive do;
(32) 375 l.f. furnish steel piles;
(33) 18 each drive do;
(34) 38 c.y. Class A Portland cement concrete curbs;
(35) 350 each curb dowels;
(36) 82 each monuments;
(37) 63 each culvert markers and project markers;
(38) 8 each guide posts;
(39) 12.4 miles new property fence;
(40) 105 l.f. remove and reconstruct wire mesh fence;
(41) 902 l.f. 24-in. CMP 14 gage;
(42) 168 l.f. 36-inch CMP 12 gage;
(43) 6,200 l.f. 10-in. plain conc. pipe;
(44) 125 each 10-in. Concrete pipe risers;
(45) 4 each irrigation gate stands;
(46) 6,200 l.f. remove existing irrigation pipe lines;
(47) 550 l.f. salvage existing pipe culverts;
(48) 350 l.f. re-lay do;
(49) 1 each cast steel frame and grate;
(50) 1,030 s.y. plant mix slope protection;
(51) misc. items of work.

Total bids were:
(A) Matich Bros., $478,203.75.
(B) Griffith Co., Los Angeles, $491,169.95.
(C) N. M. Ball Sons, Los Angeles, $520,561.
(D) Basich Bros. Construction Co., Basich Bros., Alhambra, $530,$894.65.
(E) J. E. Haddock, Ltd., Pasadena, $534,342.80.
(F) E. L. Yeager, Riverside, $588,716.49.
(G) Peter Kiewit Sons Co., Arcadia, $612,371.

Unit prices will be published shortly.

3/25/46 •• 40
BIDS WANTED
WASHINGTON STATE—Until Apr. 2, 10 A. M., bids will be received by the director of highways, Olympia, Wash., for the highway projects listed below:

Pierce County—FAP No. F-120(5), Construct asphaltic concrete pavement and construct shoulders with selected roadway borrow and crushed stone surfacing on 3.952 miles of primary state highway No. 1, King County line to Puyallup River bridge.

Quantities :6230 cu. yds. selected roadway borrow, 2400 cu. yds. crushed stone surfacing, 57 tons bituminous cement MC-2, 21,023 tons type I-1 asphaltic concrete, other items.

Spokane County—FAP Nos. F-22(3) and F-156(17) and state project. Grading, ballasting and constructing type I-1 asphaltic concrete pavement on 6.430 miles of primary state highway No. 2, Stevens Creek to Galena.

Quantities: 60,890 cu. yds. common excavation, 2630 cu. yds. solid rock excavation, 25,265 cu. yds. selected roadway borrow, 10,996 tons type I-1 asphaltic concrete, 52.5 cu. yds. class A concrete, 1785 ft. culvert pipe, other items.

Spokane County—FAP No. FI-133 (11). Grading, ballasting and constructing cement concrete pavement on 2.888 miles of primary state highway No. 11, Geiger Field to Four Lakes.

Quantities: 3.86 acres clearing, 2.51 acres grading, 45,470 cu. yds. unclassified excavation, 33,510 cu. yds. selected roadway borrow, 42,111 sq. yds. cement concrete pavement, 43.32 class A concrete, 1611 ft. culvert pipe, other items.

Snohomish County—FAP Nos. F-189 (15) and F-293(9). Grading, ballasting and surfacing and constructing bituminous surface treatment, plant mix type on 4.303 miles of primary state highway No. 15, Cavalero's Corner to Snohomish.

Quantities: 41.85 acres clearing, 22.81 acres grubbing, 278,310 cu. yds. excavation, 6420 cu. yds. excavation unsuitable material, 2555 cu. yds. structural excavation, 47,730 cu. yds. selected roadway borrow, 7610 cu. yds. excavation or stone surfacing, 1020 cu. yds. crushed stone filler, 675 cu. yds. mineral aggregate, 60.7 tons bituminous cement MC-2, 6271 tons bituminous mixture plant mix type, 9300 ft. asphalt plant mix gutter, 11,813 ft. beam guard rail, 6231 ft. culvert pipe, other items.

King County—FAP No. S-39(2), Construct 1 reinforced concrete T-beam bridge and 2 reinforced concrete pile and flat slab bridges, grading, surfacing and constructing light bituminous surface treatment on bridge approaches on 0.794 mile of secondary state highway 15-B, Fall City to Snohomish County line.

Quantities: 8450 cu. yds. unclassified excavation, 18,860 cu. yds. special borrow, 1790 cu. yds. screened gravel surfacing, 28 tons bituminous cement MC-2, 925 ft. guard rail type 3, 3565 ft. removing, resetting and replacing existing guard rail, 215 ft. culvert pipe, 456 cu. yds. concrete class A, 100 cu. yds. concrete class B, 415 ft. reinforced concrete bridge railing, 121,000 lbs. steel reinforcing bars, 8680 ft. untreated timber piling, 1540 ft. precast concrete piling, 9.5 M ft. b.m. untreated timber and lumber, other items.

Federal funds have been allocated for the above construction. Plans and specifications are available from the above office for $2 per copy.

3/25/46 • 40
CONTRACTS AWARDED
WASHINGTON STATE.—Clarence B. Shain, State Director of Highways, Olympia, has awarded the following contracts:

McRae Bros., 2733 4th St. South, Seattle, at $207,231 for construction of three reinforced concrete grade seperation structures on Primary State Highway No. 1, in the vicinity of Kelso in Cowlitz County, at Allen St., Brinyon St. and vicinity of Station 571, FAP Nos. UI-32 (11), Unit 1, UI-32 (12), Unit 4, and FI-32 (6), Unit 1.

Erickson Paving Co., 1550 N 30th St., Seattle, at $244,160.97, for grading and resurfacing 1.866 miles of Primary State Highway Nos. 1 and 12, Kelso to Rocky Point and Allen St. connecton in Cowlitz County, F A P Nos. UI-32 (11), Unit 2, UI-3, FI-32 (6), Unit 1 and UI-167 (12).

Bids were received February 14.

3/25/46 •• 42
BIDS WANTED
SAN FRANCISCO.—Until April 5, 3 P. M., bids will be received by the Purchaser of Supplies, 270 City Hall, under Bid No. 3514 for furnishing and delivering floor grinder, bridge drives, chain wheels and hoists for the Municipal Railway.

Specifications obtainable from the above office.

(Continued on Page Four)

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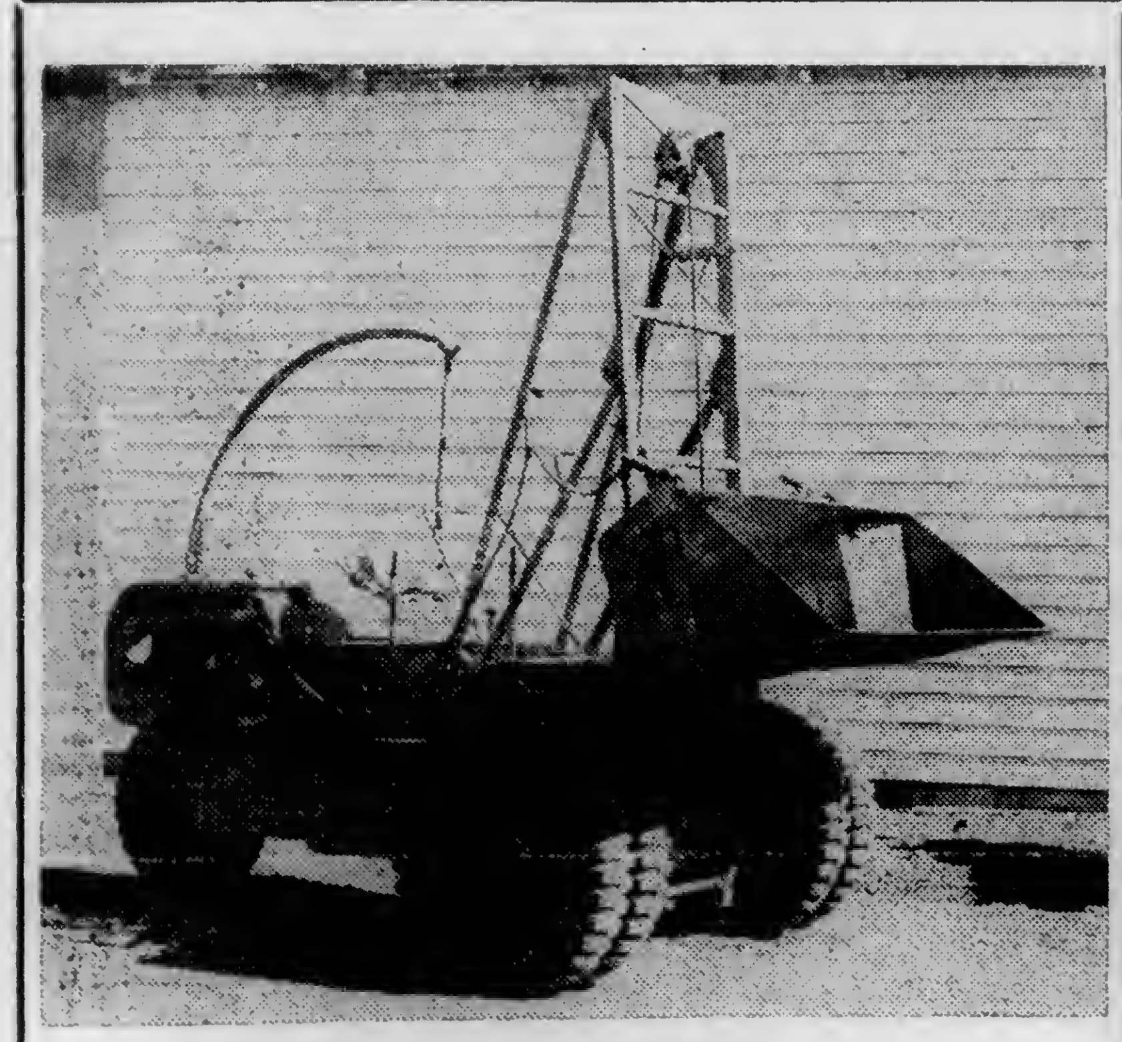
WANTED

LOCOMOTIVE CRANE, DIESEL-POWERED, STANDARD GAUGE, 40 to 50 FT. BEAM, WITH OR WITHOUT MAGNET. A. D. Schader, 144 Spear St., San Francisco. Phone DO. 4577. to Mar. 22, 1946



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Building Permits, Contracts---Recorded Notices

BUILDING PERMITS Applications

SAN FRANCISCO

ALTER garage and warehouse, $235,000; 115 Battery St; owner, Robt Dollar, 311 California St; contractor, Swinerton & Walberg Co, 225 Bush Street.

FLATS, five 2-story fr, $10,000 ea; W 33rd Ave 75, 100, 125, 150 S Irving; S Irving St 57.6 W 33rd Ave; owner and builder, Henry Doelger Bldr, Inc, 320 Judah St.

FLATS, three 2-story fr, $9800 each; SW Cor 33rd and Irving; W 33rd Ave 25, 50 S Irving; owner and builder, Henry Doelger Bldr, Inc, 320 Judah St.

DWELLING, 1-story frame, $6500; S Monterey Blvd 100 W Edna St; owner, Basil Malta, 521 Monterey; contractor, Modern Home Bldrs, 4103 24th St.

ALTER store, $5000; SW Haight and Stanyan Sts; owner, The Hotaling Est, 225 Bush St; contractor, Swinerton & Walberg Co, 225 Bush St.

ALTER tavern, $4200; 846 Divisadero; owner, Geo Sargenti and Wm Palmer, premises; contractor, Cramer Co, 345 Vermont St.

ALTER restaurant, $4000; 387 Geary St; owner, A F Andrews, 63 O'Farrell St; contractor, Van Bokkelen-Cole Co, 444 Market Street; architect, Hertzka & Knowles, 85 Post St.

DWELLINGS, 19, 1-story fr, $4,000 each; S Montana 215, 240, 265, 290, 315 E Orizaba Ave; N Montana 275 300, 325, 350 W Plymouth; S Thrift 125, 150, 175, 200, 225, 250, 275 E Capitol; E Shields 50, 75 W Victoria; W Head 175 N Randolph; owner, Atlas Realty Co, 1500 Judah St; contractor, Pacific Coast Const Co, 1500 Judah St.

ALTER dwelling, $3260; 1562 26th Ave; owner, Mrs Riggs, c/o cntr; contractor, Leonard Salomon, 1734 Broderick St.

ALTER dwelling, $2500; 640 University Ave; owner and contractor, Stanley Koralewski, premises.

ALTER store and rooming house, $2000; 316 6th St; owner and contractor, Wellnitz & De Narde, 316 Sixth St

ALTER dwelling, $1500; 160 San Anselmo Ave; owner, E F Lorton, prem; contractor, Wahl Constr Co, 2102 Scott St; architect, Henry H Gutterson, 421 Powell St.

ALTER flats, $800; 488 Francisco; owner, Peter Deucchi, prem; contractor, O Polidoro Co, 1360 Green.

BUILDING PERMITS Granted

SAN FRANCISCO

MARCH 22, 1946

CHANGING partitions, plumbing and wiring on 1st and 2nd floors of dwelling, $1500; 410 Elizabeth St; owner and contractor, Frank H Tate, 335 Elizabeth St.

ALTER store with new front, plaster interior, new lighting and asphalt tile floor, $6000; 994-6 Mission St; owner, D Michaels; contractor, Carlsen & Franz, 50 Oak Grove St.

REMODEL store front, $1000; North Geary 100 E Arguello Blvd; owner, Joe Demetric; contractor, Robt P Kelly, 1511 21st Ave.

REPAIR fire damage to store, $900; SE Cor Pacific and Front Streets; owner, Geo Lagomarsino; contractor, Leonard Salomon, 1734 Broderick St.

ADD two stories and concrete ramps to garage, $30,000; 36 Battery St; owner, Commercial Center Garage; engineer, W Adrian, 417 Market St; contractor, Cahill Brothers. 206 Sansome St.

DWELLINGS, three 1-story fr, $5,500 each: E Manor Drive 85, 35, 135 N Kenwood Way; owner, Rasmussen-Traner; architect, J Lloyd Conrich, 593 Market St; contractor, Vigge Rasmussen, 3928 Divisadero St.

CONVERT lower flat into two apts, $500; 790-92-94 Lyon St; owner, Mr and Mrs J Ruggiero.

DWELLINGS, four 1-story fr, $5,400 each; N Alemany Blvd 192, 225, 250, 275 E Liebig St; owner and builder, Thos J Sullivan, 1695 Alemany Blvd; architect, Sam Postii. 3075 Geneva Ave

RE-TILE and repaint front, level floors and take out partitions of cafe, $2000; 182 S Van Ness Ave; owner, M Bullerdick; contractor, Rex Cabinet Shop, 1315 Minna St.

REPLACE front and back stairs and landing, $2000; 625-7 Haight St; owner, J Winters; contractor, W C Savage, 2358 Fillmore St.

REMOVE and replace front and side entrances, raise floor in rear and remodel beamed ceiling of cocktail bar, $10,000; 599 Post Street; owner, T G Leonetti and Harry Musin; contractor, W C Savage, 2358 Fillmore St

BUILD room on top of garage and extend sun deck of residence, $3,000; owner, Mrs I Goodman; contractor, W C Savage, 2358 Fillmore St.

OAKLAND

ALTERATIONS, $90,000; 2743 San Pablo Ave; owner, Borden's Dairy Delivery Co, 2743 San Pablo Ave; builder, S H Thrams, 1100 6th Ave.

ALTER FACTORY, $69,000; 601 36th Ave; owner, Owens-Illinois Glass Co, 601 36th Ave; builder, Monson Bros, 475 6th St, San Francisco; engineers, Ellison & King, 500 Sansome St, San Francisco.

ALTERATIONS, $1500; 360 29th St; owner and builder, Frank Ogden, et al. 525 Standard Oil Bldg, San Francisco.

DWELLING (2-story 6-room), $11,250; 838 Barbara Rd; owner, Russell Ladd, 1227 Clay St, San Francisco; builder, B A Anderson, 3138 Washington St, San Francisco.

DWELLING (1-story 6-room), $11,842 Barbara Rd; owner, L W Stettner, 179 Estates Dr, Piedmont; builder, B A Anderson, 3138 Washington St, San Francisco.

REPAIRS, $600; 278 Jayne Ave; owner and builder, Joseph M Cala, 278 Jayne Ave.

ALTERATIONS, $2000; 3381 Coolidge Ave; owner, R W Westlake, prem; builder, C A Reinhard, 8525 Bancroft Ave.

ALTERATIONS, $2000; 1089 3rd St; owner, Pacific Cheese Co, 1089 3rd St; builder, Freear-Lorentzen Co, 2207 Market St.

BRICK ADDITION (1-story), $6000; 1833 Park Blvd; owner, Alfred Breiling, premises; builder, Henry Brown, 1387 E 32nd St.

CONCRETE STORE (2-story), $70,000; 2068 Broadway; owner, Norman Ogilvie Co; builder, Empire Construction Co, 344 Harriet St, San Francisco; architects, Miller & Warnecke, Financial Center Bldg.

STEEL CRANEWAY, $2000; 2850 Hannah St; owner and builder, Richards Reinforced Steel Co, prem.

CONCRETE STORE (1-story), $12,000; 9928 E 14th St; owner, Rooney & Ruebling, 738 Trestle Glen Rd; builder, E Fiener, 3866 Maybelle Ave.

ADDITION, $950; 2100 42nd Ave; owner and builder, Margaret V Neilson, premises.

ALTERATIONS, $750; 2006 57th Ave; owner, Mrs Reims, prem; builder, Acme Home Moving Co, 1629 Telegraph Ave.

ADDITION, $22,000; 601 36th Ave; owner, Owens-Illinois Glass Co, 601 36th Ave; builder, Monson Bros, 475 6th St, San Francisco; engineer, H J Brunnier, 55 New Montgomery St, San Francisco.

ADDITION, $1475; 620 43rd St; owner, A J Georgetta, prem; builder, Frank Puccetti, 4121 Lusk St.

ALTERATIONS, $23,000; 601 36th Ave; owner, Owens-Illinois Glass Co, 601 36th Ave; builder, Monson Bros, 475 6th St, San Francisco; plans by Hudson & Grady, San Francisco.

ALTERATIONS, $20,000; 415 24th St; owner, Frank Gotstein, premises; builder, Frank Puccetti, 4121 Lusk.

ADDITION, $12,000; 4909 Broadway; owner, Marshall Steel Jr, 5427 Telegraph Ave; builder, Christensen & Lyons, 3454 Harlan St; architect, Alben Froberg, 3454 Harlon St.

REPAIRS, $2500; 2645 62nd Ave; owners and builders, Geo H and H H Brandt, 2106 California, Berkeley.

ALTER AND REPAIR, $1500; 3344 38th Ave; owner and builder, John De Costa, 2853 E 10th St.

DUPLEX (2-story 8-room), $11,000; 2739-41 Barry Place; owner and builder, Sol Scherman, 3805 Foothill Blvd.

STORES (1-story), $10,000; 6130-40 Medan Place; owner, Henry Cherry, 3800 Redwood Rd; builder, Van Bokkelen-Cole Co, 355 22nd St.

SACRAMENTO

ADD TO BUILDING (frame and stucco), $3500; 2418 30th St; owners, Joe and Gladys Zopfl; contractor, Lawrence Construction Co.

STORE BUILDING (reinforced concrete) (18x40 ft.), $1500; 1607 L St; owner and contractor, Fred Kaiser.

GARAGE BULDG. (reinforced concrete) (40x60 ft.), $5000; H St, rear; owner, C Mackrell; contractor, Fred Kaiser.

DWELLING (frame and stucco, composition roof, 5 rooms), $6500; 1600 52nd St; owner and contractor, T B Thompson.

SOUTH SAN FRANCISCO

ADDITION TO STORE, $5000; 369 Grand Ave; owner, Jack Hickey, 369 Grand Ave; builder, A Pianca.

DWELLING (5-room), $6000; 4 Eucalyptus Ave; owner, B Bramble; builder, D J Daly, 667 Miller Ave, South San Francisco.

Plumbing Permits

OAKLAND

8370 Ney Ave; owner, Skovmand Bros; dealer, K Nelson; 5 fixtures; 4 gas outlets.

2827 22nd Ave; owner, V Rubedsa; dealer, E Maloney; 1 fixture.

2201 E 11th St; owner, Taylor Milling Co; dealer, L J Madden; 3 gas outlets.

3531 Davis St; owner, R L Gewell; dealer, G Bierman; 5 fixtures; 3 gas outlets.

1143 23rd Ave; owner, M W Lamb; dealer, O H Hanson; 2 fixtures.

362 Magnolia St; owner, Simplex Manufacturing Co; dealer, J W Mal; 4 gas outlets.

3281 Grove St; owner, Lotta; dealer, H E Brand; 3 fixtures.

5404 Foothill Blvd; owner, Helmkamp; dealer, H Lee; 3 fixtures.

5463 Lawton St; owner, Morrill; dealer, T L Morrill; 10 gas outlets.

6768 Thornhill Rd; owner, Quirk; dealer, T L Morrill; 3 gas outlets.

1015 Center St; owner, T M Tursed; dealer, J W Neal; 1 fixture.

488 9th St; owner, Riely; dealer, E C Bonin; 1 fixture.

1465 MacArthur Blvd; owner, Holley Hatters; dealer, E Eaton; 1 gas outlet.

313 62nd St; owner, Top Hatters; dealer, E Eaton; 1 gas outlet.

3645 MacArthur Blvd; owner, O Anderson; dealer, E Eaton; 1 gas outlet.

38th Ave and Foothill Blvd; owner, H Lamphe; dealer, J Tancredy; 36 fixtures; 20 gas outlets.

Furnace Permits

OAKLAND

1026 54th St; owner, C P Lee; dealer, Gernhardt-Strohmaier; floor furnace.

1926 57th Ave; owner, P Lindway; dealer, E J Hoerst; floor furnace.

Completion Notices

SAN FRANCISCO

Recorded Accepted

Mar 13. 1946—E 30th AVE 50 S Rivera. M and Stephen M Kovacik to Peter Gavazza..........March 8, 1946

Mar 21, 1946—44 21st AVE. Mrs Wm B Reis to Hugh F Hall..........March 12, 1946

Mar 22, 1946—W 29th AVE 175, 200, 225, 250, 275 S Pacheco. Arthur and Madeline Slavienski to whom it may concern..........March 21, 1946

ALAMEDA COUNTY

Recorded Accepted

Mar. 22, 1946—Lot 24, Block 14, Map North Cragmont, Berkeley, Calif. Amy A MacOwan to J Thomas Young..........Mar. 16, 1946

Mar. 22, 1946—Ptn Block 72, Tract B, Berkeley L T I Assn, Berkeley, Calif. Pacific Guano Co to Christensen & Lyons..........Mar. 14, 1946

SACRAMENTO COUNTY

Recorded Completed

Mar. 15, 1946—Charles E Decuir and Aoorea, ux, owners ptn Lot 21, Edwin Tullar Subdivision of Tullar Homestead Tract. C E Decuir, contractor..........Mar. 13, 1946

Mar. 15, 1946—Velma V Kelley, owner, Lot 132, Country Club Estates. Earl R Kelley, contractor..........Mar. 15, 1946

Mar. 15, 1946—Ben Erickson, owner, Lot 29, Drescher Park. Owner contractor..........Mar. 11, 1946

Mar. 15, 1946—Theodore H Keil and Alice E, ux, owners Lot 7, Wright and Kimbrough Tract No 35. J E Bardon, contractor..........Mar. 8, 1946

Mar. 15, 1946—Harry Vaughan and Grace L, ux jt, owners Lot 57, Sutter Terrace Addn. H Vaughan, contractor..........Mar. 14, 1946

Mar. 15, 1946—Matt Cvitanusich, owner Lot 11, Schley Place. Henry Finnigan, contractor..........Mar. 15, 1946

Mar. 13, 1946—James and Velma Jansen, ux jt, Lot 14, Fifth Ave Tract, Unit No 3. James Jansen, contractor..........Mar. 13, 1946

Mar. 13, 1946—James and Velma Jansen, ux, completion on each of following Lots 8, 9, 10, 11, 12, 13, Fifth Ave Tract, Unit No 3. James Jansen, contractor..........Mar. 13, 1946

Mar. 16, 1946—Fred and Alta L Kaiser, owners N ½ of W ½ of Lot 59, Wright and Kimbrough College Plaza Tract. Fred Kaiser, contractor..........Mar. 11, 1946

Mar. 18, 1946—Aubrey O Fry, owner, W 82.5 ft of S 330 ft. Tract 15, Robla Acres. Owner contractor..........Mar. 16, 1946

MONTEREY COUNTY

Recorded Accepted

Mar. 19, 1946—Lots 2 and 4 and easterly ½ of Lots 1 and 3, Block 19, Carmel City. I M Sommer to whom it may concern..Mar. 11, 1946

Mar. 18, 1946—Southeasterly 110 ft Lot 9, Gabitan Acres (Rancho Natividad) near Salinas. James W and Lavelle Long, 455A California St, Salinas, to W Eccles Baird..........Mar. 15, 1946

Liens Filed

ALAMEDA COUNTY

Recorded Amount

Mar. 21, 1946—San Leandro Blvd, San Leandro, Calif. H T Johnson vs T R, Robt and Harry A Bill, John Thompson..........$240.00

Non-Responsibility

SAN FRANCISCO

Mar 18, 1946—S NORTH POINT St 87-6 E Larkin. Veterans Welfare Board of State of Calif as to improvements on property.

Mar 18, 1946—E 46th AVE 200 S Cabrillo St. Veterans Welfare Board of State of California as to improvements on property.

Release of Liens

SACRAMENTO COUNTY

Recorded Amount

Mar. 19, 1946—Calvin C. Hamill to William H Bryant, Lien 1190/11121, for labor and materials on N2 of Lot 22, Richland..........$1,024.00

SAN FRANCISCO

Recorded Amount

Feb 25, 1946—LOT 8 BLK F, Columbia Heights (street work). Eaton & Smith to Felix Pras..$600

Electrical Permits

SAN FRANCISCO

164 950 Van Ness Ave; owner, Midtown Motors Co; contractor, Buzzell Electric; ....

165 1100 Sansome St; owner, ...; contractor, General Engineering & Drydock Co; ....

166 1475 Golden Gate Ave; owner, First United Presbyterian Church; contractor, Grandi Electric; ....

167 653 Clay St; owner, Carle Printing Co; contractor, Hampton Electric; motors.

168 740 Mission; owner, Sunshine Curtain; contractor, Hampton Electric; motors.

169 34 6th St; owner, Seneca Hotel; contractor, Atlas Electric; ....

170 1301 Sansome St; owner, H G Walters; contractor, Atlas Elec & Eng Co; 33 outlets; 2 plugs; motors.

171 1234 39th Ave; owner, Nemetzky; contractor, Bertrand Electric; 2 plugs.

172 52 Fern St; owner, Brooks Manufacturing Division; contractor, Kuchel & Sievers Electric; ....

173 1630 Geary; owner, D Toni; contractor, Quality Electric; service; motors.

174-75 1099 Quesada; owner, Lagaliet Tannery; contractor, Quality Electric; motors.

175 1843 45th Ave; owner, ...; contractor, J B Mathis; ....

177 84 6th St; owner, Roomel; contractor, Luna's Service; signs.

178 853 Van Ness Ave; owner, Van-Eil Pharmacy; contractor, M Schimetschek; service; motors.

179 140 Mason; owner, MacArthur Hotel; contractor, M Schimetschek; 1 outlets; 1 switch; 1 plug.

180 100 Madison; owner, A Johnson; contractor, Strom & Smith; 10 outlets; 9 switches; 10 plugs.

181 1322 43rd Ave; owner, Sala & Corbell; contractor, Strom & Smith; 9 outlets; 9 switches; 9 plugs.

182 2515 28th Ave; owner, G E Carlson; contractor, Strom & Smith; 12 outlets; 12 switches; 14 plugs.

183 225 Post St; owner, Carolyn Kelsey; contractor, Columbia Electric; alterations.

184 2102 Van Ness Ave; owner, Grison; contractor, Columbia Electric Co; alterations.

185 3814 Fulton St; owner, ...; contractor, Golden Gate Electric Co; ....

186 3820 Fulton St; owner, Early; contractor, Golden Gate Electric Co; ....

187 SE corner Pacific and Front Sts; owner, ...; contractor, Golden Gate Electric; 1 outlet; 1 switch; 1 plug.

188 235 Montgomery St; owner, General Electric Co; contractor, V Lemoge ;alterations.

189 68 Clara St; owner, Berlin; contractor, Victor Lemoge; 4 plugs; service.

190 2148 15th Ave; owner, ...; contractor, Associated Elec & Mech Co; 3 outlets; 3 switches; 3 plugs.

191 3599 Taraval; owner, ...; contractor, Associated Elec & Mech Co; alterations.

192 Pine and Battery; owner, Associated Oil Co; contractor, Associated Elec & Mech Co; alterations.

193 1890 36th Ave; owner, ...; contractor, Associated Elec & Mech Co; 12 outlets; 13 switches; 15 plugs.

194 1894 36th Ave; owner, ...; contractor, Associated Elec & Mech Co; 16 outlets; 17 switches; 19 plugs.

195 402 Broadway; owner, S Esmiol; contractor, G Vaccarino; ....

196 1928 Taylor St; owner, S Degrandi; contractor, G Vaccarino; 6 plugs.

197 2901 Baker St; owner, Italian Market; contractor, G Vaccarino; ....

198 SW corner Evans and Keith; owner, Amoroso; contractor, Fred Johnson Electric; ....

199 746-48 Sutter St; owner, Canterbury Beauty Shop; contractor, W B Baker & Co; alterations.

200 215 Jones; owner, Bacigalupi; contractor, Byington Electric; 2 plugs

202 1620 Webster; owner, Calhoun; contractor, Byington Electric; 2 outlets; 2 switches ;2 plugs; alterations.

203 701 Haight; owner, Golden Upholstering; contractor, Byington Electric; ....

204 1552 Haight; owner, Radiant Foods; contractor, Byington Electric; alterations.

205 1742 Geary; owner, Clark's; contractor, Byington Electric; ....

206 1790 24th Ave; owner, Larson; contractor, Byington Electric; alterations.

207 151 Granada; owner, Kirby; contractor, Byington; alterations.

208 1772 Ellis St; owner, Castle; contractor, Byington Electric; ....

209 5954 California St; owner, Sea Cliff Market; contractor, Byington Electric; motors.

210 1403 Willard; owner, Butcher; contractor, Byington Electric; 10 outlets; 6 switches; 8 plugs; alterations.

211 1099 Irving St; owner, Kinney; contractor, Byington Electric; motors; alterations.

212 1299 Pacific Ave; owner, Cooper; contractor, Edison Electric; 3 outlets; service.

213-221 Various locations and owners; contractor, Apex Electric; ....

OAKLAND

36345 10201 Voltaire Ave; owner, Walker; contractor, Johnston Elec Co; outlets; switches; fixtures; pl.

36346 7901-05 MacArthur; owner, Holm; contractor, Johnston Electric Co; outlets; switches; fixtures; pl.

36347 4429 Oak Hill Road; owner, Ward & Son; contractor, Johnston Elec Co; outlets; switches; fixtures; plugs; motor for saw.

36348 4701 San Leandro Blvd; owner, National Lead Co; contractor, Pacific Elec & Mech Co; 50 outlets; 50 fixtures; motors.

36349 1712 7th St; owner, Randaqqie; contractor, Pacific Elec & Mech Co; 6 outlets; 1 switch; 4 fixtures; 2 plugs.

36350 SE 33rd Ave and Foothill; owner, Bank of America; contractor, Pacific Elec & Mech Co; 30 outlets; 10 switches; 30 fixtures; 10 plugs.

36351 4006 E 14th St; owner, Mercantile Accept Co; contractor, Pacific Elec & Mech Co; 3 fixtures.

36352 483 43rd St; owner, D M Crouch; contractor, Special Owner; 3 fixtures; 4 plugs.

36353 4075 Foothill Blvd; owner, Hussman; contractor, Jas Anderson; alterations.

36354 362 24th St; owner, Wehe; contractor, R J Peterson; 6 outlets; 2 switches; 6 fixtures; 2 plugs.

36355 4943 Proctor Ave; owner, F Byelc; contractor, Special Owner; 5 outlets; 5 switches; 6 fixtures; 5 pl.

35356 2820 Harrison St; owner, New Rex Liquor Store; contractor, Paramount Elec Co; switches; fix.

36357 2200 Market St; owner, Lavalite Co; contractor, Calif Elec Co; motors.

36358 406 15th St; owner, Sigwart Jewelry; contractor, California Elec Co; alterations.

36359 3981 Altamount; owner, Calippo; contractor, Flagler Elec Co; alterations.

36360 650 E 11th St; owner, Allen K Richards; contractor, Clifford El Co; 1 outlet; 1 fixture

36361 428 15th St; owner, Larry Rodgers; contractor, C A Langlais; 8 fixtures.

36362 724 29th St; owner, Bonara; contractor, J T Grosso; alterations.

36363 639 Broadway; owner, Mikes Place; contractor, American Neon Displays; sign.

36364 6118 E 14th St; owner, Calvery Church; contractor, American Neon Displays; sign.

36365 474 Santa Clara; owner, Custom Cleaners; contractor, American Neon Displays; sign.

36366 38 Chatsworth Court; owner, Patterson; contractor, Clifford Elec Co; outlets; switches; fixtures; plugs; motor for saw.

36367 6553 Castle Dr; owner, Patterson; contractor, Clifford Electric Co; outlets; switches; fixtures; pl.

36368 6385 Dana St; owner, Hendrickson; contractor, Clifford Elec Co; outlets; switches; fixtures; pl; alterations.

Engineering Section

40— STREETS AND HIGHWAYS

3/25/46 40

PLANNED

IDAHO STATE.—T. Matt Hally, State Director of Highways, Boise, has announced a three-year tentative state highway construction program, the major projects of which include a new Clearwater bridge at Lewiston, a $2,000,000 allotment for extension of the Lewis and Clark highway up the Nochsa River, reconstruction of the North and South highway between Lewiston and Spalding and in the Gennesee district, building a new grade up Lapwai Creek out of Culdesac to replace the Culdesac-Winchester hill grade, completion of the Graves Creek cutoff between Cottonwood and Whitebird, and projects in the Viola - Potlach district which would bring the North and South highway up to standard as far north as Potlach.

3/25/46 ** 40

BIDS WANTED

FORT PECK, Mont.—Until April 15, 10 A. M., bids will be received by the U. S. District Engineer Office, Fort Peck, Mont., for the construction of a road from the dam to the spillway and for raising the crest of main dam and dike sections of the Fort Peck Dam; Serial 15.

The project involves:

Job No. 1

Construction of a road from the dam to the spillway at Fort Peck, Mont., including formation of the roadway embankment, subgrade, approaches, shoulders, base course, drainage and interception ditches, and the construction and installation of culverts, drainage structures and guard posts. This road, when completed, will join at a designated location near the main control shafts a new road which is to be constructed across the crest of the dam.

Job No. 2

Raising the crest of main dam and dike sections of the Fort Peck Dam to a net elevation of 2280.5 ft.; construction of roadway, except for leveling and wearing courses, across the crest of the dam, and the installation of a night lighting system along the roadway.

Bidders may submit a combination bid for Jobs No. 1 and 2 on separate bids. Bid bond for 20% to accompany bids.

3/25/46 ** 40

BIDS WANTED

OTERO COUNTY, New Mexico.—Until April 5, 10 A. M., bids will be received by B. W. Matteson, division engineer, Public Roads Administration, 101 U. S. Courthouse, Santa Fe, N. M., for construction of 0.709 mile of Alamogordo-Pinon Rd., New Mexico Forest Project 35-D, Otero County, New Mexico; 225 calendar days for completion. Plans and specifications are obtainable from the above office upon deposit of $10, along with bidder's information and forms. Bids must be accompanied with a guarantee in 5% of amount of bid.

41—GAS, WATER AND OIL PIPE LINES

3/25/46 ** 41

BIDS WANTED

CONTRA COSTA COUNTY, Calif. —As previously reported, until April 3, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Room 312, 512 16th St., Oakland, under Spec. LS 353 for installing approximately 19,100 ft. of 2-in., 4-in., 6-in. and 8-in. water mains in Orinaa Water District, Contra Costa County.

The work involves:

(1) 3846 cu. yds. excavation trench, 18-in. minimum width for pipe;
(2) 50 cu. yds. extra excavation outside main trench;
(3) installation of 2-in. cast iron pipe, 180 lin. ft.;
(4) installation of 4-in. cast iron pipe, 2000 lin. ft.;
(5) installation of 6-in. cast iron pipe, 10,000 lin. ft.;
(6) installation of 8-in. cast iron pipe, 6920 lin. ft.;
(7) installation of extra valves and fittings, 1000 lbs.
(8) installation of concrete pipe anchors, 5 cu. yds.;
(9) installation of 10 ¾-in. copper services, 150 lin. ft.;
(10) installation of main line taps for ¾-in. service connections, 5 taps;
(11) paving over trench with penetration type macadam, 400 sq. yds.;
(12) installation of 4-in. pressure regulator assembly as shown on the drawings, including concrete pit;
(13) installation of concrete backfill in creek bed, 50 cu. yds.

3/25/46 ** 43

BIDS WANTED

EL CENTRO, Imperial Co., Calif.—Until April 9, 10 A. M., bids will be received by the board of directors of Imperial Irrigation District, El Centro, Calif., for furnishing, delivering and supervision of installation of the following equipment under Spec. 203 for the Coachella substation, located in Riverside County:

(1) 3 outdoor type, single-phase power transformers, 2500-kva., self-cooled, rating 50,300/87,125 volts (star) to 34,000/17,000 volts (delta)
(2) 1 spare 92,000-volt terminal;
(3) 1 spare 34,500-volt terminal.

Specifications available from the above office upon deposit of $10; guarantee of 5% to accompany bids.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Misc. Supplies & Materials 42
Machinery and Equipment 43

42— MISC. SUPPLIES AND MATERIALS

3/25/46 * 42

NOTICE OF SALE

SAN FRANCISCO. — War Assets Corp., Consumer Goods Division, 30 Van Ness Ave., announces sale of new turnbuckles, shackle, hook or eye, located at Lathrop, Stockton, San Bernardino and Richmond. Bids will be continuous until all items are sold.

3/25/46 * 42

BIDS WANTED

OAKLAND, Alameda Co., Calif — As previously reported, until April 3, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Room 312, 512—16th Street, Oakland, under Spec. 1725 for 200,000 sq. ft. of galv. and welded steel wire fabric.

Specifications obtainable from the above office.

3/25/46 ** 42

NOTICE OF SALE

SAN FRANCISCO. — War Assets Corp., 30 Van Ness Ave., San Francisco 2, announces to dealers in office furniture that there will be a warehouse clearance of cabinets, chairs and desks which may be inspected at warehouse No. 414, Brannan St., San Francisco. Sale closes April 1.

3/25/46 ** 42

NOTICE OF SALE

SAN FRANCISCO. — War Assets Corp., Consumer Goods Division, 30 Van Ness Ave., San Francisco 2, announces that there will be a sale of surplus office machines, equipment and spare parts, etc., at fixed prices until April 3. Property is located at O.S.P. storage center No. 453, Kirkham St., Oakland; No. 451, 10th and Howard Sts., San Francisco; FBI, 111 Sutter St., San Francisco; Camp Knight, Oakland; Sacramento Signal Depot, warehouse E, Sacramento; Camp Pinedale, Fresno; Reno Army Air Base, Reno, Nev., etc. Property is reserved for priority groups, federal agencies, state and local governments and veterans.

3/25/46 ** 42

NOTICE OF SALE

SAN FRANCISCO. — War Assets Corp., Office of Surplus Property, Consumer Goods Division, 30 Van Ness Ave., San Francisco 2 announces that there will be a sale of miscellaneous fire extinguishers up to April 1, 10 A. M. Property is located in San Francisco, Benicia, Alameda and Riverbank.

3/25/46 ** 42

NOTICE OF SALE

SAN FRANCISCO.—Until April 5, 10 A. M., bids will be received by the Navy Material Redistribution and Disposal Office, 785 Market St., San Francisco, under Sales No. B-334-46 for sale of marine power winches and steering gear component, landing craft, located at 2144 Clement Ave., Alameda.

3/25/46 ** 42

NOTICE OF SALE

SAN FRANCISCO.—Until April 4, 10 A. M., bids will be received by the Navy Material Redistribution and Disposal Office, 785 Market St., San Francisco, under Sales No. B-333-46 for ferrous scrap, contaminated ferrous scrap, located at Atlas Imperial Diesel Engine Co., 1000 19th Ave., Oakland.

3/25/46 ** 42

NOTICE OF SALE

SAN FRANCISCO. — War Assets Corp., 30 Van Ness Ave., San Francisco 2, announces sale of new sponges for cleaning, for sale until March 29 to priority groups and dealers. Property is located in San Francisco and Mira Loma.

3/25/46 ** 42

BIDS WANTED

ORINDA, Contra Costa Co., Calif.—As previously reported, until April 3, 5:30 P. M., bids will be received by the East Bay Municipal Utility District, Room 312, 512 16th St., Oakland, under Spec. LS-354 for furnishing cast iron pipe and fittings for the Orinda filter plant.

The work involves:

Schedule I—Cast Iron Pipe

(1) 24 lengths 20-in. class B flange and flange pipe, 8-ft. 6 5/16-in. long;
(2) 12 lengths 18-in. class B flange and flange pipe, 6-ft. 9¼-in. long;
(3) 12 lengths 18-in. class B flange and spigot pipe, 2-ft. 5⅝-in. long;
(4) 12 lengths 8-in. class B flange and spigot pipe, 13-in. long.

Schedule II—Cast Iron Pipe Fittings

(1) 12 20-in. 90-degree long radius flang elbows;
(2) 24 20-in. 90-degree standard flanged elbows;
(3) 12 special 20x20x20x18-in. flanged crosses;
(4) 24 28x20-in. eccentric reducers, spigot large end, flenged small end;
(5) 12 18-in. flanged base tees;
(6) 12 18-in. 90-degree flanged elbows;
(7) 12 18-in. standard 90-degree bell and spigot elbows;
(8) 12 18x8 - in. special reducing flanges;
(9) 12 8-in. 90-degree flanged elbows;
(10) 12 8-in. companion flanges;
(11) 24 special cast iron bell and spigot nipples, 19-in. long;
(12) 1 30-in. cast iron sleeve;
(13) 1 30x30x24-in. all bell tees.

3/25/46 ** 42

BIDS WANTED

SUNNYSIDE, Wash.—Until April 4, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver, Colo., under Inv. B-33-740-A for pole top band, guy clips, etc., f.o.b. shipping point and/or Sunnyside, Wash., Yakima-Roza 34.5-kv. transmission line.

Specifications obtainable from the above office.

3/25/46 * 22

SUB-CONTRACTS AWARDED

MOTEL BUILDINGS

OAKLAND, Alameda County, Calif. Construction of motel buildings.

Owner—Mr. Moody.

Architects—Miller & Warnecke, Financial Center Bldg., Oakland.

Contractor—Stolte, Inc., 8451 San Leandro St., Oakland.

Plumbing and Heating—Scott Co., 113 10th St. O,akland.

Electrical Work—Del Monte Electric Co., 8275 San Leandro St., Oakland.

Roofing and Dampproofing — Armor Roofing & Insulation Co., San Leandro.

Millwork (including Glass and Glazing)—California Mill & Lumber Co., 1829 Webster St., Alameda.

Finish Hardware—Maxwell Hardware Co., 1320 Washington St., Oakland.

Painting—Al Sullber, 2927 Newberry St., Berkeley.

Hardwood Floors—E. G. Finn Hardwood Floor Co., 733 Laguna Honda Blvd., San Francisco.

Interior Stairs — Alber Faunt, 1414 15th St., San Francisco.

Rollaway Screens—Roll-Away Window Screne Co., 8th and Carlton Sts., Berkeley.

Sheet Metal Work—Monterey County Plumbing Co., 8275 San Leandro St., Oakland.

Linoleum, Asphalt Tile and Ceramic Tile—Superior Tile Co., 4939 Broadway Oakland.

Miscellaneous and Ornamental Iron—Fair Manufacturing Co., 617 Bryant St., San Francisco.

Plastering—Conrad Rasmussen, 1630 Webster St., Oakland.

Canvas Decks—The A. W. Brampton Manufacturing Co., 2335 Broadway, Oakland.

3/25/46 ** 42

NOTICE OF SALE

SAN FRANCISCO.—Until April 5, 2 P. M., bids will be received by the Purchaser of Supplies, 270 City Hall, under Sale No. 375 for sale of the following:

Lot No. 1, located at 347 San Bruno Ave. (may be inspected on March 28 and 29 between the hours of 8:30 A. M. and 12 Noon or between 1 P. M. and 4:30 P. M.:

Approximately 40 tons cast iron and steel, including wrecked automobile and fire engine parts.

Lot No. 2, located at 313 Francisco Street:

Approximately 5 tons scrap battery lead.

Lot No. 3, located at San Francisco Hospital, 22nd St. and Potrero Ave.:

Approximately 2400 cotton bats, 72x 90-inches.

Lot No. 4, located at Hearst School Bldg., Hermann and Fillmore Sts. (may be inspected on week days excepting Saturdays between 1 P. M. and 4:30 P. M.):

Approximately 189 steel drums (various sizes from 5 to 55 gallons).

43— MACHINERY AND EQUIPMENT

3/25/46 * * 43

BIDS OPENED

SAN FRANCISCO.—Kinnear Mfg. Co., 1742 Yosemite Ave., at $963.00 submitted low bid to the Board of Park Commissioners, McLaren Lodge Golden Gate Park, ofr steel rolled curtain door for Kezar Stadium

Other bids were:

Acme Co., Oakland.......... $1126
Cookson Co., San Francisco.......... 1150

3/25/46 ** 43

BIDS OPENED

RIO GRANDE PROJECT, New Mexico-Texas. — Westinghouse Electric Corp., Denver, Colo., at $16,518, submitted low bid to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1239 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Las Cruces, N. M., three (3) 500-kv-a., 1110,000 delta- to 2400/4160 Y-volt and 7200/12,470 Y-volt, single-phase, 60-cycle, oil - immersed, self - cooled, outdoor type transformers for installation at the White Sands substation, Rio Grande Project, New Mexico-Texas.

General Electric Co., Denver, Colo., at $18,030, submitted only other bid.

OFFICIAL PROPOSAL

LS 354—CI Pipe and Fittings

NOTICE TO CONTRACTORS

Sealed proposals will be received at Room 205 of the office of the East Bay Municipal Utility District, 512 Sixteenth Street, Oakland, California until 5:30 P. M., Wednesday, April 3, 1946, and will at that hour be opened for furnishing cast iron pipe, nipples and pipe fittings, for Orinda Filter Plant

Specifications (No. LS 354) may be obtained upon application at Room 406 of the office of the District

DANIEL READ.
Secretary.

Oakland, California.
March 21. 1946

(Daily Pacific Builder)
(March 25, 1946)

Pro. No. 1725—Steel Wire Fabric

NOTICE TO CONTRACTORS

Sealed proposals will be received in Room 205 of the office of the East Bay Municipal Utility District, 512 16th Street, Oakland, California, until 5:30 P. M., Wednesday, April 3, 1946, and will at that hour be opened for furnishing approximately 200,000 Square Feet of GALVANIZED AND WELDED STEEL WIRE FABRIC, as per specifications.

Proposal No. 1725 covering same may be obtained upon application at Room 312, Purchasing Department, of the office of the District.

DANIEL READ,
Secretary.

Oakland, California.
March 22, 1946.

(Daily Pacific Builder)
(March 25. 1946)

LS 353—Install CI Mains

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the East Bay Municipal Utility District, 512 Sixteenth Street, Room 205, Oakland, California, until 5:30 P. M., Wednesday, April 3, 1946, and will at that hour be opened for the installation of approximately 19,100 feet of 2-, 4-, 6-, and 8-inch cast iron water mains in Orinda, Contra Costa County.

The general prevailing rate of per diam wages in the locality in which the work is to be performed, for laborers and each craft or type of workman and mechanic employed to execute the contract, and the general prevailing rate for legal holiday and overtime work specifically set forth in the plans and specifications on file with the Secretary of the District, are referred to and incorporated herein.

Specifications (No. LS 353) may be obtained at Room 406 of the office of the District.

DANIEL READ,
Secretary.

Oakland, California.
March 21, 1946

(Daily Pacific Builder)
(March 25, 1946)

1946 Building Need

(Continued from Page One)

ceiling adjustments were made. Production figures for January, 1946, as reported by the U. S. Bureau of the Census and other sources, compare as follows with the average monthly production in 1941:

"Bathtubs, 36 per cent less; brick 35 per cent less; clay tile, 27 per cent less; gypsum-board and lath, 7 per cent less; lumber, millwork, and flooring, 38 per cent less; plywood, 29 per cent less; cast iron sewer pipe, 42 per cent less; clay sewer pipe, 26 per cent less; and cast iron radiation, 73 per cent less. No comparable figures are available for concrete block.

"Production of some scarce lines has increased somewhat since January, but the output of most critical items remains well below the needed volume and will remain so until pricing problems are solved.

"The Council's production estimates show that there is ample capacity not only to meet the Wyatt home building goal in 1946 but also to permit $9,000,000,000 of other types of construction, including repairs and maintenance.

"In computing the volume of materials needed to meet the Wyatt housing goals in 1946, the Council has allowed for starting 1,200,000 new units, as proposed by Mr. Wyatt, and completing 75,000 units started last year but not finished by the first of this year. In addition, the Council's estimates call for enough materials to permit adding 150,000 more units through conversion. Wyatt's program did not make provision for any conversions.

"The Bureau of Labor Statistics in 1944 made this statement:

"'Productive capacity for all types of building materials, except plumbing fixtures and lumber, is sufficient for a construction rate of $15,000,000,000 per year. In the lumber industry, the plant limitation is logging equipment, which is badly deteriorated but can be restored rapidly; sawmill capacity is sufficient. Capacity for plumbing fixtures is adequate for a construction program of $12,000,000,000 per year, with likelihood of expansion before this rate is reached.'

"It should be noted that the dollar volumes referred to are in terms of 1940 prices. At today's price levels which are 35 per cent higher than 1940 prices, the values cited by the Bureau of Labor Statistics would be more than $19,000,000,000, considering the availability of all materials except lumber and plumbing fixtures, and more than $16,000,000,000, considering the availability of plumbing fixtures.

"Inasmuch as the Council's estimates of probable 1946 production are well below the quantity of materials required for $19,500,000,000 of construction, it would appear that its estimates are definitely on the conservative side and that they are readily attainable, provided wage-price policies are handled in a prompt and competent manner by the government.

"There is no production problem which cannot be met by adjustment of price ceilings on scarce items. There is no need for subsidies of any kind."

Classified Advertising

HELP WANTED

CONSTRUCTION SUPT. or FOREMAN for structural concrete jobs on highways, bridges and reservoirs. Man with crew preferred. State exp. and salary expected. Reply Box 325, c/o Daily Pacific Builder. to 3/29/46

Fully experienced FIRST CLASS DRAFTSMAN for substantial contemporary work. Mendelsohn, Dinwiddie & Hill, 233 Sansome St., San Francisco 4. (3/22-25-26-27-28/46)

DRAFTSMAN wanted. Apply to John Hudspeth, Architect, with samples of work. 427 13th St., Oakland.

POSITION WANTED

JUNIOR ESTIMATOR, graduate Civil Engineer; Veteran; age 29; desires position with contractor. Reply Box 319, c/o Daily Pacific Builder.

CALIFORNIA
STATE

1890 = 1946
Fifty-six
Years of
Service

Daily Pacific Builder

LARGEST CONSTRUCTION DAILY IN THE WEST

Complete
Building and
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News Service

Fifty-sixth Year—Vol. 56—No. 59 SAN FRANCISCO, TUESDAY, MARCH 26, 1946 PRICE 15 CENTS PER COPY

PLANS and Speculations

Woodland: Selection for a site for installation of 24 emergency housing units will be made tomorrow, Mayor H. F. Anderson said today. Units will arrive here within 35 to 60 days, the mayor said.

oOo

Fort Bragg: Sam Shafsky, who has been visiting relatives here, revealed he plans to build a half million dollar hotel at Kotzebue, Alaska.

oOo

Bakersfield: Chester James, Kern county planning engineer, outlined county road plans last night to a group of state officials and interested county and near by cities officials in a meeting in Weit's hotel, Wasco.

oOo

Seaside: Two pre-fabricated homes have been erected by local contractors for Charles Hufford and Charles Bosso, of this city. Both are houses of the ranch type and cover 811 feet of floor space. They have hardwood floors, can be financed by FHA, and comply with all building codes of the city and county.

oOo

San Mateo: The San Mateo Times has received a permit to construct and operate a standard radio station, which will operate on 1550 kilocycles and broadcast day and night. Both transmtting facilities and studios will be located here.

#

Santa Rosa Meeting To Discuss Plans To Develop Industries

The Santa Rosa hotel will be scene of a discussion Friday aimed to develop ideas for publicizing opportunities for industrial expansion in northern California.

City officials, planning and industrial engineers, and county officials, will discuss methods of coordinating material for presentation to prospective investors and new industries, Chairman S. R. Frizelle, industrial committee of the State Chamber of Commerce, announced.

New Administration Districts for U. S. Army Engineers Here

As a part of the general readjustment of the Army to peacetime routine, announcement was made today by Col. George Mayo, acting division engineer, of a change in the Army Engineer set-up for the eight Western states.

Effective Mar. 23, the present Pacific division, which, during the War, administered the area west of the Rockies and Alaska, will be split to form the South Pacific division with headquarters in San Francisco, and the North Pacific division with headquarters in Portland.

The South Pacific division will comprise the San Francisco, Sacramento and Los Angeles Engineer districts and will be under the command of Col. E. H. Marks, who is expected to assume his duties Apr. 15.

Brig. Gen. Philip G. Bruton, who has been division engineer for the past year, was retired on Mar. 11.

The North Pacific division, which will comprise the Portland, Seattle and Alaska Engineer districts, will be under the command of Col. Theron D. Weaver.

The reassignment of divisions, Colonel Mayo stated, is in conformance with the status of Engineer activities before the War and will permit closer supervision of the large peace-time construction projected throughout the West in flood control and river and harbor development.

#

'QUAKE DESIGN CLASS

A class in "Earthquake Resistant Design" is scheduled to begin April 5 at 7 p. m. in the University Extension, University of California Berkeley campus. Cost for the 15 lessons is $15.00.

GROOVER AND I

BIG THREE? NO!

Whenever our International Relations seem about to bust a button there are those who claim it is time for another meeting of the Big Three.

* * *

Shouldn't we take another look at this?

The most potent member of the original Big Three joined his Ancestors nearly one year ago, and another member has been voted out of office, sic gloria.

* * *

If the United Nations Organization is to be successful it must be given authority—top authority! Each nation must yield to UNO a part of its soverignty—and that combined power become the instrument of Organized Reason through which Nations live in Peace.

* * *

The wreck of the League of Nations should be a lesson to us. With the single exception of Christianity, the League of Nations was Man's broadest attempt at World Peace—the League had everything EXCEPT sufficient authority and power to make it work!

* * *

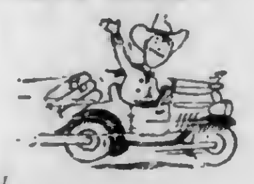
When international strains occur, it would be more proper for UNO to summon the Big Three, the little three, or any other three and talk things over.

* * *

If UNO is to work it cannot be subservient to a secret meeting by individuals temporarily holding office. We are hoping that UNO is permanent, for the world and for generations—and not for just short terms of office.

* * *

By the way, aren't some of you guys holding out on the Red Cross? The drive is behind. Search your Conscience—and your pockets for a few extra dollars.



#

Steel Cargo Booms Declared Surplus

WASHINGTON, D. C. — Over $100,000 worth of new and used steel cargo booms, ranging in capacity from four to 30 tons, have been declared surplus by the Armed Services and are to be sold at fixed prices substantially under their original cost, the United States Maritime Commission announced today.

The booms, constructed under rigid Government standards, are fabricated in a steel tubular design with proper thickness and diameter proportionate to appropriate length and load capacity.

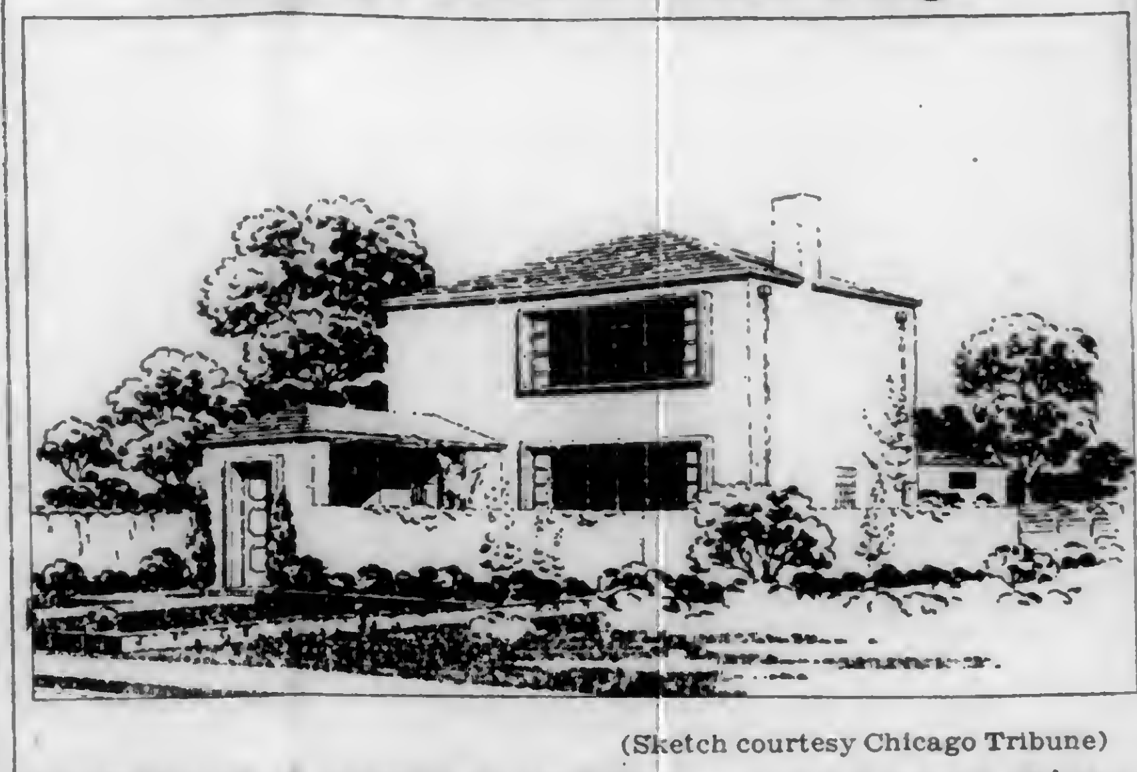
The booms range in price from $40 for a 30-foot, 5-ton, to $80 for a 63-foot, 30-ton capacity. The booms, located on both the East and West Coasts, may be inspected upon application to the Materials Disposal Section, U. S. Maritime Commission, Washington 25, D. C., or the Maritime Settlement Section office at 14th and Franklin Streets, Oakland 12.

#

REBER PLAN TALK

The Civic League of Improvement clubs and associations board of governors will meet Thursday at 7:30 p. m. in Mills Tower, 220 Bush street, to discuss the proposed Reber plan of bay development.

Berkeley Architect's Prize Design



(Sketch courtesy Chicago Tribune)

ENTERED IN A NATIONAL CONTEST, sponsored by the Chicago Tribune, this design of a home adaptable to a 30-foot lot was the entry of George R. Klinkhardt, 44 Eucalyptus road, Berkeley, and won him a prize of $1,000. In the compact design are two bedrooms, large living room, dining room, laundry, garage, kitchen, bath, extra lavatory, plenty of closet space, and large, paved patio. A play lawn is part of the design, and a space large enough for a Victory garden if the owner is agriculturally inclined.

Western Pine Price Upped $4.60

Price Administrator Paul Porter has announced an average sales price increase of $4.60 per thousand feet of western pine lumber and comparable increase in pine agricultural containers.

The adjustment will cause the following:

(1) Increase price of shop grades $6.70 per thousand feet above present level;

(2) Increase price of dimension lumber $3 per thousand feet;

(3) Increase price of flooring, drop-siding and ceiling an average of $9 per thousand feet.

OPA INCREASES PRICE OF HARDWOOD FLOORING

Increases in mill ceiling prices for hardwood flooring, designed to expand flooring production for building, have been announced by the Office of Price Administration.

The increase becomes effective Mar. 29. For hard maple, tongued-and-grooved stock, 25/32-inch and thinner, the increase is 9 per cent; for birch and maple tongued-and-grooved stock, 25/32-inch and thinner, 18 per cent; and for hard maple, birch and beech jointed stock, 25/32-inch and thinner and all stock thicker than 25/32-inch, five per cent.

For the present, the increases may be passed on to buyers by distributors. O.P.A., however, said it will review distributors' margins to determine whether they are in a position to absorb any increase.

State Civil Service Construction Jobs Open

The California State Personnel Board announces that the following positions are open, and that examinations will be conducted as listed below:

Position	Pay	Exam. Date	File on or before
Assistant Bridge Engineer	$270	May 11	Apr. 25
Hy. Equip. Operator-Laborer	170	May 11	Apr. 25
Cement Finisher	prevail. rate	May 7	Apr. 22
Assistant Civil Engineer	270	May 7	Apr. 22
Senior Engineering Aid	200	May 4	Apr. 18
Structural Engineering Associates	355	May 4	Apr. 18
Senior Structural Engineer	415	May 4	Apr. 18
Junior Bridge Engineer	220	Apr. 27	Apr. 11

Applications should be filed to the State Personnel Board, 1015 "L" Street, Sacramento, and must be made on Form 660, available from the board. Veterans get preference.

Increased Truck Production in 90 Days, Washington Forecast, as Strike Gloom Lifts

SPECIAL FROM THE DAILY PACIFIC BUILDER'S WASHINGTON BUREAU

Quick snapback in production of motor trucks in the next 90 days was being forecast in Government quarters today as a gradual elimination of labor troubles, parts shortages, pricing snags was foreseen.

Plagued by reduced inventories of raw materials resulting from the steel strike, and accompanying interruptions in the flow of parts from suppliers to vehicle manufacturers, motor truck production in February totaled only 28,692 units, the lowest monthly total since Pearl Harbor, according to the Civilian Production Administration.

This compared with postwar peak of 54,684 units produced by truck manufacturers in January.

Ending of the steel strike and resumption of steel production on a large scale, settlement of labor difficulties at a number of parts plants, a labor-management agreement at strike-bound General Motors, and improvement in the supply situation generally all are now seen as factors which have removed many of the uncertainties in motor truck production.

Government quarters, usually more conservative than the automotive industry in estimating future production trends, this week was forecasting that truck production in March would total 56,000 units, in April 76,000 units, and in May 85,000 units.

Attainment of a production rate of 85,000 units in May would be the equivalent of 1,200,000 units annually.

In the peace-time years before the war, truck production usually totaled around 500,000 units annually.

In peacetime, of course, truck production was gauged to the number of units users would buy.

Today, a different situation exists after five years of curtailed production. "Unlimited", is the way Government and industry soucres view the new truck market.

To remove any impediment to production that may have been presented by pricing procedures, the Office of Price Administration last week exempted from price control truck parts sold for use as original equipment in the manufacture of trucks. In addition, manufacturers were given a method of obtaining adjustments, where required, in the ceiling prices for automotive parts for repair or replacement use.

#

Sell Surplus Cast Iron Soil Pipe

SPECIAL FROM THE DAILY PACIFIC BUILDER'S WASHINGTON BUREAU

A sale of surplus cast iron soil pipe and fittings—nation-wide in scope—is being planned by War Assets Administration for Mar. 29. The agency has on hand a considerable supply of two- to 15-inch standard, Victory and extra heavy soil pipe, and this material is to be sold locally by Regional War Assets offices wherever the material now is on hand.

Sales of the pipe is to be made simultaneously on Mar. 29 by all Regional offices and will be offered to priority claimants and commercial channels at the same time. At each Regional office, 30 per cent of the available supply is to be set aside for sale to priority claimants. The minimum lot which will be sold is $500 to wholesalers and large retailers, and $200 to small retailers and priority claimants.

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ADVANCE CONSTRUCTION REPORTS

DAILY PACIFIC BUILDER
(Established 1890)
Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Religious Buildings	18-19
Social, Recreational Bldgs.	20-21
Residential Buildings	22-26
Transportation Bldgs.	27
Miscellaneous Bldgs.	28-30

1-8—COMMERCIAL BLDGS.

3/26/46 ** 6
CONTRACT AWARDED
STORE BUILDING Cost, $75,000
OAKLAND, Alameda County, Calif. Broderick St.
Construction of reinforced concrete store building.
Owner—Norman Ogilare, c/o architect.
Architects—Miller & Warnecke, Financial Center Bldg., Oakland.
Contractor—Empire Construction Co., Ltd., 344 Harriet St., San Francisco.

3/26/46 8
SUB-CONTRACTS AWARDED
RETAIL STORE Est. Cost, $25,000
SAN JOSE, Santa Clara Co., Calif. S. Second St.
Construction of one-story reinforced concrete Firestone agency building (40x100), steel beams, cement floor, plate glass front.
Owner—F. L. Hubbard, c/o architect.
Architects—Kress & Gibson, 515 First National Bank Bldg., San Jose.
Contractor—McDonald, Young & Nelson, 127 Montgomery St., San Francisco.
Roofing—Hayden Roofing Co., 755 Lenzen Ave., San Jose.
Electric Wiring—Roy M. Butcher, 510 San Fernando, San Jose.
Glass—Le Deit Bros., 301 W. Santa Clara, San Jose.
Miscellaneous Iron and Steel—Fair Manufacturing Co., 617 Bryant St., San Francisco.
Mill Work—Pacific Manufacturing Co., 2610 The Alameda, San Jose.
Painting—Humphrey & Huber, 201 S. Market St., San Jose.
Reinforcing Steel—San Jose Steel Co., Inc., 1344 The Alameda, San Jose.

3/26/46 6
SUB-CONTRACTS AWARDED
COMMERCIAL BLDG. Cost, $18,000
SAN BRUNO, San Mateo Co., Calif. 487 San Mateo Ave.
Construction of one-story frame and stucco building (irregular 80x55x75 ft.), to contain three stores.
Owner and Builder—Frank A. Poirier, 443 San Mateo Ave., San Bruno.
Plans by Merryman & Lane, associate designers, 443 San Mateo Ave., San Bruno.
Roofing—San Bruno Roofing Co., 459 Milton Ave., San Bruno.
Plumbing and Radiant Heat—Harry Lee Co., 216 California Dr., Burlingame.
Electric Wiring—Dingman Electric Service, 323 Woodside Rd., Redwood City.
Sheet Metal—San Carlos Sheet Metal Co., 676 El Camino Real, San Carlos.
Glass—Crowe Glass Co., 675 Golden Gate Ave., San Francisco.
Brick and Stone Work—Wallace Ohran, 905 North St., Belmont.
Grading—McCue, Millbrae.
Foundations and Concrete—Henry Triano, 32 Lucerne Ave., Redwood City.
Lumber—San Bruno Lumber Co., 588 Mastick Ave., San Bruno.
Mill Work—A. L. Stockton, Daly City.
Hardware—San Bruno Hardware Co., 650 San Mateo Ave., San Bruno.
Painting—Russell A. Lang, 512 Elm Ave., San Bruno.
Lathing and Plastering—John Brugger, 141 San Benito Ave., Lomita Park, San Bruno.

3/26/46 ** 3
BIDS WANTED—TO CLOSE MARCH 30, 4 P. M.
WAREHOUSE
SANTA ROSA, Sonoma Co., Calif. Mendocino Ave. and Santa Rosa.
Construction of one-story wood frame warehouse and showroom building (50x100 ft.), concrete floor, composition roof, plate glass windows.
Owner—J. R. Payne Co.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

3/26/46 ** 5
PREPARING WORKING DRAWINGS
RESTAURANT Est. Cost, $18,000
WILLOWS, Glenn County, Calif. Intersection corner of Westlo and Tehama Sts.
Construction of one-story frame and stucco restaurant building.
Owner—Lei Jung, c/o architect.
Architect—Francis Lai Chinn, 622 Washington St., San Francisco.

3/26/46 3
PLANNED
STORAGE PLANT Est. Cost, $40,000
RENO, Washoe County, Calif. 1256-64 S. Virginia St.
Construction of 2-story cold storage locker plant, second story to contain apartments.
Owner—G. L. Siri, 427 Ryland St., Reno.
Contractor—G. Panicari, 1040 Lander St., Reno.

3/26/46 * 4
PLANNED
AUTO MART Approx. Cost, $500,000
OAKLAND, Alameda County, Calif. Broadway between 30th and Hawthorne Sts.
Construction of 11 office structures on the same number of adjoining auto sales lots to form a central auto mart for lease to different dealers.
Owner—Forman Motor Co. and Connell Motors Co., 30th and Broadway, Oakland.
Contractor—Arthur S. Holmes, 2169 San Jose Ave., Alameda.

The entire area will be graded and surfaced and each lot will be fenced.

Work is expected to get under way by May 1, with completion scheduled for early in June.

3/26/46 * 6
NOW TAKING BIDS

LINDSEY, Tulare Co., Calif.—Architects Russell & Samaniego, 3275 Wilshire Blvd., Los Angeles, have completed plans and are taking bids for the construction of a store building at Lindsey, Calif., for the Orange Belt Supply Co. It will cover an area 60x100 feet; Latisteel precast wall sections, composition roofing, steel sash, cement floors, plate glass and toilets.

3/26/46 ** 8
CONTRACT AWARDED
BANK Contract Price, $52,521
EAST SALINAS, Monterey Co., Calif. Alisal St.
Construction of one-story reinforced concrete bank building.
Owner—Monterey County Trust & Savings Bank, Alisal Branch.
Architect—Chas. E. Butner, 7 Winham St., Salinas.
Contractor—Stolte, Inc., 8451 San Leandro St., Oakland.

Complete bids were:

Stolte, Inc., $51,865, (1) deduct $128, (2) add $108, (3) add $676.

Lloyd V. Hampshire, Salinas, $62,966, (1) deduct $107, (2) add $200, (3) no change.

Pacific Builders, Salinas, $63,000, (1) deduct $123, (2) add $124, (3) deduct $164.

Cliff Hicks, Salinas, $70,960, (1) deduct $107, (2) add $267, (3) no change.

3/26/46 ** 4
CONTRACT AWARDED
REMODEL BUILDING Cost, $235,000
SAN FRANCISCO. 115 Battery St.
Interior and exterior remodeling of six-story and basement warehouse and garag, converting it to four floors of offics and three floors of garage, two new elevators, new heating system, etc.
Owner—Robert Dollar Co., Dollar Bldg.
Architects—Meyer & Evers, Kohl Bldg.
Contractor—Swinerton & Walberg, 225 Bush St.
Elevators—Otis Elevator Co., 1 Beach Street.

9-10—EDUCATIONAL BUILDINGS

3/26/46 * * 4
CONTRACT AWARDED
REMODEL BLDG.
SACRAMENTO, Sacramento Co., Cal. 725 "J" Street.
Remodel interior and exterior of present three-story building.
Owner—Jones and Brand and Hullin, Inc.
Architect—Herbert E. Goodpastor, Mitau Bldg., Sacramento.
Contractor—H. W. Robertson, 2917 T St., Sacramento.

3/26/46 * 6
CONTRACT AWARDED
STORE BLDG. Cost, $100,000
SACRAMENTO, Sacramento Co., Cal. 21st and J Streets.
Construction of two-story, concrete and frame building (80x80-ft.)
Owner—Haven Saw and Tool Co., 950 E 14th St., Oakland.
Architects—Elliott J. Adams, 1153 Swanston Drive and Arthur R. Doggart, 2789 Riverside Dr., Sacramento.
Contractor—H. W. Robertson, 2917 T St., Sacramento.

3/26/46 * 9
PRELIMINARY PLANS COMPLETED
SCHOOL
LAKE COUNTY, Calif.
Construction of 1-story wood frame school building, plaster exterior, 3 classrooms and office.
Owner—Burns Valley School District Lake County.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

The State Board of Education has approved the preliminary plans for the above construction.

3/26/46 **
BOND ELECTION
SCHOOL ADDITIONS
Approximate Cost, $600,000
TRACY, San Joaquin County, Calif. Tracy Union High School.
(1) new wing of 4 classrooms, (2) new homemaking wing and classrooms, (3) remodel existing gymnasium into temporary cafeteria, (4) new gymnasium for boys and girls, (5) entrance foyers and dressrooms for boys and girls, (6) alter existing auditorium into library, (7) new auditorium service yards and pave forecourts, (8) modern swimming pool, (9) pave game courts north of gymnasium, (10a) approach road and park area adjacent to auditorium, (10b) covered corridors from present building to new units, (11) purchase new equipment, (12) modernize and alter parts of old building.
Owner—Tracy Union High School District, Tracy.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco.

The school district will vote April 12 on a proposal to issue bonds in the amount of $600,000, proceeds of which will be used to finance the construction.

11—HOSPITALS

3/26/46 ** 11-22
PREPARING PLANS
SANITARIUM HOTEL
CALISTOGA, Napa County, Calif.
Construction of five-story reinforced concrete sanitarium hotel to contain 80 rooms and private baths, spacious lobbies on each floor, modern cafe and coffee shop, beauty salon, barber shop and game rooms, solarium and roof garden on roof; each room will have individual balcony 4x12 ft., and the second floor of the building will house a completely modern bathhouse with elevator service; the building will be soundproofed, air-conditioned and wired for radio in every room.
Owners—Nance & Hughes, owners of Nance's Sanitarium and Mud Baths, Lincoln St., Calistoga.
Architect—Houghton Sawyer, Oakland.

12-13—INDUSTRIAL BUILDINGS

3/26/46 ** 12
TO START CONSTRUCTION
ALTER BUILDING Cost, $90,000
OAKLAND, Alameda County, Calif. 2743 San Pablo Ave.
Alterations to dairy building.
Owner—Borden's Dairy Delivery Co., 2743 San Pablo Ave., Oakland.
Contractor—C. H. Thrams, 1100 6th Ave., Oakland.

14-17—PUBLIC BLDGS.

3/26/46 15
PLANNED
CHAMBER OF COMMERCE
HAYWARD, Alameda County, Calif. C St. between Castro and Main Sts.
Construction of chamber of commerce building (100x60 ft.).
Owner—Hayward Chambmer of Commerce, 738 Castro St., Hayward.

3/26/46 ** 15
BIDS WANTED—TO BE OPENED APRIL 1, 2 P. M.
PAINTING, ETC.
SAN FRANCISCO. Old Mint building.
Interior painting and refinishing floors.
Owner—Federal Works Agency, Public Buildings Administration, office of the district engineer, 838 U. S. Appraiser's Bldg., San Francisco.

Plans and specifications obtainable from the above office of the district engineer.

18-19—RELIGIOUS BLDGS. BUILDINGS

3/26/46 6 19
PRELIMINARY PLANS COMPLETED
CHURCH
RICHMOND, Contra Costa Co., Cal. SW corner of 37th St. and Roosevelt Avenue.
Construction of church building.
Owner—St. Edmund's Episcopal Ch., 10th St. and Barrett Ave., Richmond, Rev. J. S. Droen, pastor.

3/26/46 * * 19
PREPARING WORKING DRAWINGS
CHURCH Cost, $30,000
BURLINGAME, San Mateo Co., Cal. Corner Channing and Burlingame Avenue.
Construction of frame church building to seat 225 persons.
Owner—American Lutheran Church.
Architect—Alfred W. Johnson, 681 Market St., San Francisco.

3/26/46 ** 19
DRIVE INAUGURATED
SCHOOL ADDITION
Estimated Coht, $45,000-$50,000
HOLLISTER, San Benito Co., Calif.
Construction of additions to Sacred Heart School, including two classrooms, principal's office, rest room and extension of toilet facilities, an assembly room and kitchen.
Owner—Sacred Heart School, Rev. Patrick O'Reilly, pastor, Hollister.
Architects—Fred L. Swartz and Wm. G. Hyberg, Rowell Bldg., Fresno.

A drive to raise funds was inaugurated this month and bids will probably be asked during June.

20-21—SOCIAL AND RECREATIONAL BLDGS.

3/26/46 * * 21
HEATING, AIR CONDITIONING BIDS POSTPONED FEW DAYS—NO DATE SET AS YET
THEATER
SACRAMENTO, Sacramento Co., Cal. K Street bet. 12th and 13th Streets.
Heating and air conditioning in connection with Studio Theater, now under construction.
Owner—Leonard Giordano.
Architect—Leonard F. Starks, 416 Native Sons' Bldg., Sacramento.
General Contractor—Central California Constr. Co., Inc., 116 Erie St., San Francisco.

The architect is receiving the heating and air conditioning bids.

Bid opening date postponed from March 25, 1:30 P. M.

Following contractors have taken out plans:

Walter M. Dunphy Sheet Metal Products, 3136-40 Folsom Blvd., Sacramento.

M. R. Carpenter, 907 Front Street, Sacramento.

Luppen & Hawley, Inc., 3126 J St., Sacramento.

Wagner Sheet Metal Works, 2217 Broadway. Sacramento.

J. N. Blair Co., 217 N 16th Street, Sacramento.

Al Schoen, 2604 16th St., Sacramento.

3/26/46 ** 21
BIDS WANTED

Near SAN DIEGO, LONG BEACH, DAGGETT, BAKERSFIELD and FRESNO, Calif.—Until April 9, 10 A. M., bids will be received by the Civil Aeronautics Administration, 1500 4th St., Santa Monica, for the construction of radio range stations near San Diego, Long Beach (Huntington Beach), Daggett, Bakersfield and Fresno, Calif.

The work in general consists of fencing the site, construction of an access driveway, erecting a 16x28-ft. sectional steel frame building on concrete foundation, erecting a 30-ft. steel tower with 35-ft. diameter counterpoise, and a 12x12 antenna shelter on top and incidental work. Proposal No. 6-46-200.

22-26—RESIDENTIAL BUILDINGS

3/26/46 24
SUB-CONTRACTS AWARDED
RESIDENCE Cost, $10,000
PIEDMONT, Alameda County, Calif. Hazel Lane.
Construction of one-story single-family dwelling (five rooms), tar and gravel and shingle roof, wooden exterior, steel sash, tile bath and kitchen, panel heating and warm air heating.
Owner—Frederick H. Reimers, 233 Post St., San Francisco.
Architect—Frederick H. Reimers, 233 Post St., San Francisco.
Contractor—G. W. Williams Co., 10 California Dr., Burlingame.
Plumbing—Scott Co., 243 Minna St., San Francisco 3.
Heating—Aladdin Heating Corp., 2222 San Pablo Ave., Oakland.

3/26/46 ** 26
PROCEED ORDER
DWELLING UNITS Cost, $36,048
WOODLAND, Yolo County, Calif.
Construction of 24 family dwelling units, Calif. V-4455; completion May 24.
Owner—Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco.
Contractor—M. & K. Corp., 200 Financial Center Bldg., San Francisco.

3/26/46 ** 26
PROCEED ORDER
DWELLING UNITS Cost, $21,028
LOVELOCK, Pershing County, Nev.
Construction of 14 family dwelling units, Nev. V-26186; completion May 14.
Owner—Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco.
Contractor—M. & K. Corp., 200 Financial Center Bldg., San Francisco.

3/26/46 ** 26
PROCEED ORDER
DWELLING UNITS Price, $30,040
WINNEMUCCA, Humboldt County, Nev.
Construction of 20 family dwelling units, Nev. V-26185; completion May 20.
Owner—Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco.
Contractor—M. & K. Corp., 200 Financial Center Bldg., San Francisco.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Water Supply and Sewage Disposal Plants	31-32
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Electric Lighting and Transmission Lines	38
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Streets and Highways	40
Gas, Water and Oil Pipe Lines	41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

3/26/46 ** 31
BIDS WANTED

STOCKTON, San Joaquin Co., Calif.—Until May 1, 2 P. M., bids will be received by the Delta Farms Reclamation District No. 2024 (Orwood Tract), 22 W. Weber Ave., Stockton, for construction of a complete drainage pumping plant having a vertical type propeller pump connected to a vertical electric motor. The pump is to have a capacity of approximately 4500 gallons per minute against a total dynamic head of 23 feet.

Specifications obtainable from L. B. Raab, civil engineer, 109 E. Weber Ave., Stockton, upon deposit of $10.

33—BRIDGES

3/26/46 ** 33
BIDS WANTED

PLUMAS COUNTY, Calif.—Until April 24, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for construction of a steel girder bridge with concrete deck across Hamilton Branch between Big Meadows Dam and Lassen County line in Plumas County.

The work involves:
(1) remove existing bridge;
(2) 310 cu. yds. structural excavation;
(3) 668 lin. ft. timber bridge rail;
(4) 565 cu. yds. class A portland cement concrete;
(5) 295,000 lbs. furnish structural steel;
(6) 295,000 lbs. erect structural steel;
(7) 81,000 lbs. furnish bar reinforcing steel;
(8) 81,000 lbs. place bar reinforcing steel;
(9) miscellaneous items of work.

Specifications obtainable from the above office.

34—DAMS, RESERVOIRS & DREDGING

3/26/46 ** 34
COMPLETE BIDS

COLUMBIA BASIN PROJECT, Washington.—As previously reported, Morrison-Knudsen Co., Inc., 603 Hoge Bldg., Seattle, Wash., at $619,000, submitted low bid to the U. S. Bureau of Reclamation, Coulee Dam, Wash., under Spec. 1187 for the construction of earthwork, main canal, station 751 plus 94 to station 1100 plus 90.8, Columbia Basin Project, Washington. The work is situated in vicinity of Stratford and Adrian, Wash.

The work involves:
(1) 1,700,000 cu. yds. common excavation for canal;
(2) 340,000 cu. yds. rock do;
(3) 100,000 sta. cu. yds. overhaul;
(4) 300,000 cu. yds. compacting embankments.

Complete bids follow:

Morrison-Knudsen Co., Inc., Seattle, (1) $0.15, (2) $0.85, (3) $0.03, (4) $0.24; total, $619,000.

Marshall & Haas, San Mateo, (1) $0.12, (2) $0.90, (3) $0.05, (4) $0.40; total, $635,000.

M. E. Nelson Construction Co., Ephrata, Wash., (1) $0.20, (2) $0.80, (3) $0.02, (4) $0.15; total, $659,000.

K. L. Goulter & Co., Seattle, Wash., (1) $0.21, (2) $0.70, (3) $0.02, (4) $0.22; total, $663,000.

N. Fiorito Co., Seattle, Wash., (1) $0.2875, (2) $0.2875, (3) $0.03, (4) $0.25; total, $664,500.

General Construction Co., Seattle, (1) $0.20, (2) $0.75, (3) $0.05, (4) $0.22; total, $666,000.

J. A. Terteling & Sons, Inc., Boise, Idaho, (1) $0.14, (2) $0.84, (3) $0.03, (4) $0.47; total, $667,600.

Peter Kiewit Sons Co., Seattle, (1) $0.23, (2) $0.85, (3) $0.02, (4) $0.31; total, $775,000.

Mathew S. Ross, Los Angeles, (1) $0.22, (2) $1.06, (3) $0.04, (4) $0.14; total, $780,400.

McLaughlin, Inc., and Union Construction Co., Inc., Great Falls, Mont., (1) $0.25, (2) $0.95, (3) $0.05, (4) $0.22; total, $819,000.

Guy F. Atkinson Co., Portland, (1) $0.25, (2) $0.90, (3) $0.036, (4) $0.36; total, $842,600.

McNutt Bros., Eugene, Ore., (1) $0.30, (2) $0.89, (3) $0.03, (4) $0.18; total; $869,600.

F. R. Hewitt Co., Spokane, (1) $0.20, (2) $1.42, (3) $0.02, (4) $0.15; total, $869,800.

Fiorito Bros., Seattle, (1) $0.25, (2) $1.25, (3) $0.02, (4) $0.12; total, $888,000.

Axel Osberg and Colonial Construction Co., Spokane, (1) $0.23, (2) $1.25, (3) $0.04, (4) $0.23; total, $889,000.

Nat McDougal Co.; Portland, Ore., (1) $0.30, (2) $1.50, (3) $0.03, (4) $0.50; total, $1,173,000.

3/26/46 * * 34
LOW BIDDERS

ALTUS PROJ., Okla. — Stebbins Constr. Co., Tulsa, at $185,712 submitted low bid to U. S. Bureau of Reclamation, Altus. Oklahoma, under Spec. 1179 for the construction of earthwork and structures, station 1 plus 00 to station 590 plus 36, west canal, Altus Project, Okla. Work is situated north and west of Blair, Okla.

Second and third low bids follow:

James & Phelps Constr. Co., Oklahoma City, $193,363.

Morrison-Knudsen, Boise, Idaho, $205,269.28.

3/26/46 ** 34
CONTRACT AWARDED

CENTRAL VALLEY PROJECT, California.—American Bridge Co., Denver, Colo., at $217,872, awarded contract by the Bureau of Reclamation, Denver, under Spec. 1145 for four 50x50 ft. regulating gates for installation in the spillway at Kes-

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Clayton and Ygnacio Canals Specification No. 1188	Central Valley Project	3-27
Stilling Basin Spec. 1178	Central Valley Project	4- 8

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

N. Rothman Factory, South San Francisco; Bids open March 26, 2 P. M.
R. A. Cullen, 478 Jackson St., San Francisco (SUtter 1951).
Carrico & Gautier, 365 Ocean Ave., San Francisco (JUniper 4-8081)
MacDonald, Young & Nelson, 127 Montgomery St., S. F. (SUtter 8296)
Transwestern Constr. Co., Rm. 825, Rialto Bldg., S. F. (DOuglas 5708)
Rademann-Guisto, 40 Ringold St, San Francisco (MArket 8151)
Peter Kiewit Sons' Co, 442 Post St., San Francisco (EXbrook 5736)
Empire Constr. Co., 344 Harriet St., San Francisco (HEmlock 3400)
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209)
Erbentraut & Summers, 446 Sixth St., San Francisco (MArket 8340)

Warehouse and Office, Firebrick Supply, 18th and Indiana Streets, San Francisco; Bids open March 27, 3:00 P. M.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209)

Office and Lab. Bldg. and Industrial Relations Bldg., California Research Corp., Richmond; Bids open April 12
E. S. McKittrick Co., 6?? 16th Street, Oakland (TWin Oaks 5070)
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)
Barrett & Hilp, 918 Harrison Street, San Francisco (DOuglas 0700).

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Denver, Colorado

ADVANCE CONSTRUCTION REPORTS

wick Dam, Kennett Division, Central Valley Project, f.o.b. shipping point and/or Redding.

3/26/46 ** 34
BIDS POSTPONED
CENTRAL VALLEY PROJECT, California.—Until April 10, 10 A. M., bids will be received by Bureau of Reclamation, Walker R. Young, chief engineer, Friant, Calif., under Spec. 1181 for construction of earthwork, canal lining and structures, Kings River wasteway and Kings River siphon, station 1591 plus 66.15 to station 1647 plus 75, Friant-Kern Canal, Friant Division, Central Valley Project. The work is situated approximately 18 miles east of Fresno.

The principal items of work and the estimated quantities involved are as follows:

(1) 237,500 c.y. common excavation for canal;
(2) 193,000 c.y. rock do;
(3) 5,500 c.y. compacting embankments;
(4) 40,000 c.y. common excavation for wasteway channel;
(5) 100 c.y. rock do;
(6) 35,000 c.y. common excavation for struc. except siphon barrel;
(7) 300 c.y. rock do;
(8) 200,000 c.y. common excav. for siphon barrel bet. Sta. 1596 plus 88.9 and 1627 plus 41.36;
(9) 100 c.y. rock do;
(10) trimming 6,100 s.y. earth foundations for concrete lining;
(11) preparing 16,000 s.y. of rock do;
(12) 16,300 c.y. backfill about struc.;
(13) 122,000 c.y. backfill about siphon barrel;
(14) 6,200 c.y. compacting backfill about structures;
(15) 6,100 c.y. riprap;
(16) constructing 265 c.y. filter;
(17) constructing 1,250 l.f. of feeder drain;
(18) constructing 1,150 l.f. of 6-inch dia. tile drains with uncemented joints;
(19) 4140 c.y. concrete in struc., except paving;
(20) 21,600 c.y. concrete in siphon barrel;
(21) 185 c.y. concrete in struc. paving;
(22) 2,070 c.y. concrete in canal lining;
(23) placing 9,994,000 lbs. reinf. bars;
(24) placing 785 s.f. elastic joint-filler material;
(25) placing 280 l.f. rubber water stops;
(26) installing 360 l.f. clay pipe in filters;
(27) installing 8,700 lbs. of cast iron pipe in filters;
(28) laying 66 l.f. 12-in. diam. cement-asbestos pipe;
(29) erecting 250,000 lbs. structural steel in highway bridge;
(30) placing 79,500 lbs. of metal water stop in joints;
(31) erecting 11 M ft. b.m. timber in railings;
(32) installing 61,000 lbs. radial gates;
(33) installing 42,200 lbs. radial-gate hoists and operating and control mechanisms;
(34) installing 10,930 lbs. cylinder gate, gate frames and hoist;
(35) installing 11,900 lbs. of misc. metal work;
(36) installing 125 cwt. of bit. material in float drums;
(37) installing 1,400 l.f. of electrical conduits;
(38) installing 550 lbs. of electrical conductors and ground wires;
(39) installing 600 lbs. electrical apparatus;
(40) constructing 0.75 mile barbed wire right-of-way fence;
(41) constructing 0.20 mile of comb. barbed-wire and woven-wire right-of-way fence;
(42) constructing two cattle guards.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, Chief Engineer, U. S. Customhouse, Denver 2, Colo.; R. L. Boke, Regional Director, Old Post Office Bldg., 7th and K Sts., Sacramento 14, Calif.; R. K. Durant, Acting Construction Engineer, Friant Calif., and Michael W. Straus, Commissioner, Bureau of Reclamaton, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the Acting Construction Engineer.

No charge to prospective bidders for copies of the specifications and and drawings; to others, $2.50 per copy, not returnable.

3/26/46 ** 34
LOW BIDDERS
PIEDMONT Mo.—The Mittry Bros. Construction Co., 4801 San Fernando Rd. West, Los Angeles, submitted the low bid to the U. S. Engineer Office, Col. Roy D. Burdick, district engineer, Little Rock, Ark., March 22, for constructing an earthfill dam involving about 4,400,000 cu. yds. of embankment and 600,000 cu. yds. of spillway excavation for the Clearwater dam on the Black River, 7 miles southeast of Piedmnot, Mo.; Invitation No. 46-39.

The three low bids were:

Mittry Bros. Construction Co., $3,415,000.

Peter Kiewit Sons Co. and Morrison-Knudsen Co., Inc., $4,181,310.

Brown & Root, Inc., and Martin Wunderlich, $4,472,920.

3/26/46 ** 34
LOW BIDDERS
OWYHEE PROJECT, Oregon-Idaho—Morrison-Knudsen Co., Inc., Boise, Idaho, at $248,290, submitted low bid to the U. S. Bureau of Reclamation, Boise, Idaho, under Spec. 1213 for the construction of earthwork, concrete wasteway sections and structures, the Fletcher Gulch wasteway, Mitchell Butte Division, Owyhee Project, Oregon-Idaho. The work is situated about 10 miles southwest of Nyssa, Ore.

Second and third low bids follow:

McLaughlin Construction Co., Redmond, Ore., $249,655.

Henry L. Horn, Caldwell, Idaho, $277,000.

3/26/46 34
CONTRACT AWARDED
CANTON, Blaine Co., Okla.—C. F. Lytle Co., Sioux City, Iowa, and Amis Construction Co., Oklahoma City, Okla., at $5,192,623, awarded contract by the U. S. District Engineer Office, P. O. Box 61, Tulsa, Okla. (joint bid), for the construction of spillway and completion of embankment at Canton Dam on the North Canadian River in Blaine County, about two miles north of Canton, Okla. The bids were received February 7.

3/26/46 34
CONTRACT AWARDED
WISTER, Okla.—Groves, Lundin & Co., 908 Wesley Temple Bldg., Minneapolis 4, Minn., at $4,016,727, awarded contract by the U. S. District Engineer Office, P. O. Box 61, Tulsa, Okla., for the construction of the Wister dam on the Poteau River, near Wister, Okla.; announcement 46-4. The work will consist of a rolled earth fill dam with reinforced concrete spillway. The work will also include construction of temporary frame buildings for use by the government during the construction work; 800 days for completion.

3/26/46 ** 34
PROSPECTIVE BIDDERS
GRASS VALLEY, Nevada Co., Calif. — The following contractors have taken out plans for construction of D-S canal extension, clearing and earthwork, about three miles east of Grass Valley, for which bids will be opened April 1, 2 P. M., by the Nevada Irrigation District, Grass Valley. Plans by Consulting Engineers Blackie & Wood, 544 Market St., San Francisco.

Wixson & Crowe, Box 799, Redding.
C. M. Syar, Box 1431, Vallejo.
Draper & Adams, 315 Walnut St., Red Bluff.
George F. Grant, Visalia.
Nevada Construction Co., Reno, Nev.
C. Dudley De Velbiss, Eastshore and Huntington Ave., Richmond.
A. R. McEwen, Box 1017, Sacramento.
Chittenden & Chittenden, Box 246, Auburn.
E. E. Lowell, Box 148, Vallejo.
Michael O'Hair, Box 278, Colusa.
Barney H. Stoutenberg, Hawthorne, Nev.
M. J. Ruddy & Son, 922 Jay St., Modesto.
Andrew Bryne, Nevada City.
D. Gerald Bing, 2440 Marshall Way, Sacramento.
J. P. Breen, Box 183, Sacramento.
George F. French, Box 307, Stockton.
Fred W. Kocider, Colusa.
Miles & Bailey.
S. A. Marshall, 2653 13th St., Sacramento.
E. T. Haas Co., Box 411, San Mateo.
Shinnock Co.
Huntington & Huntington.
H. Earl Parker, 12th and F Sts., Marysville.
A. Teichert & Son, Box 1133, Sacramento.
Baker Corfu.
R. M. Taylor, Box 207, Cottonwood.
George E. Murray, 1702 E. Mariposa Rd., Stockton.
William A. Smith Co.
F. E. Young, 599 Colusa Ave., Berkeley.
J. E. Reeves, Box 1072, Sacramento.
J. E. Johnson.
Peter Sorensen, 927 Arguello St., Redwood City.
Walsh & Pacrettl.
R. A. Farish, 50 Hawthorne St., San Francisco.
Mark C. Walker, 412 First National Bank Bldg., Santa Ana.
A. H. Famularo, 2740 W. 1st St., Santa Ana.
W. H. Brown, 1123 Clora Place, El Monte.
J. Henry Harris, 2657 9th St., Berkeley.
George R. Stacy, 1021 H St., Sacramento.
T. Henderson, 407 S. Pine St., San Gabriel.
W. H. Danough.
W. A. Davis Jr.
Del R. Beebe.

36— PARKS, AIRPORTS & PLAYGROUNDS

3/26/46 ** 36
BIDS WANTED
EUGENE, Ore.—Until April 1, 3 P. M., bids will be received by the Department of Commerce, CAA, Box 3224, Seattle 14, Wash., under Pro. No. 7-46-289 for constructing instrument landing system, approach lighting lane and VHF radio range near Eugene, Ore.

3/26/46 ** 36
BIDS WANTED
BILLINGS, Mont.—Until April 15, 3 P. M., bids will be received by the Department of Commerce, CAA, Box 3224, Seattle 14, Wash., under Por. 7-46-292 for construction of instrument landing system and approach lighting lane near Billings, Mont.

Specifications obtainable from the above office.

3/26/46 ** 36
PROJECT CANCELLED
OUTDOOR GUNNERY RANGE
CROWS LANDING, Stanislaus Co., Calif. Naval Auxiliary Air Station. Construction of outdoor gunnery range, involving construction of 3 wood frame towers with enclosed house on top, one approximately 48 ft. high and 17 ft. square at base, and the other two each approximately 25 ft. high and 8 ft. square at base; paving of firing platforms and walks, and construction of bullet stop, all with the necessary earthwork, paving, concrete construction, miscellaneous steel and iron work, roofing and sheet metal work, carpentry and joinery, glazing, hardware and field painting. Spec. No. 17507, NOy 13346.

Owner—Public Works Department, 12th Naval District, 1182 Market St., San Francisco.

Bids received February 26 were rejected and project cancelled. Charles E. Wait, San Francisco, at $26,545, submitted the previous low bid.

3/26/46 ** 36
BIDS WANTED
SAN BRUNO, San Mateo Co., Calif.—Until April 9, 2 P. M., bids will be received by the U. S. Engineer Office, 74 New Montgomery St., San Francisco, under Job No. 5163-3, Serial No. 04-203-46-11, for grassing for dust control, San Francisco Municipal Airport, San Bruno.

The work involves:

(1) 110 acres grassing;
(2) 85 M gallons authorized additional application of water.

Specifications obtainable from the above office.

38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

3/26/46 * 38
BIDS WANTED
KERN COUNTY, Calif.—Until Apr. 15, 11 A. M., bids will be received by the Board of Supervisors of Kern County, Bakersfield, Calif., for a franchise for the construction of a transmission line in Kern County. An application for the franchise for 50 years has been filed with the board by the Southern California Edison Co. Under the terms of the proposed franchise, work shall start within four months after it is granted.

39—SEWERS

3/26/46 ** 39
BIDS WANTED
TRACY, San Joaquin Co., Calif.—Until April 2, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Old Post Office Bldg., Sacramento 14, under Inv. D-3750 for construction of sewer and water system for Tracy trailer camp.

Specifications obtainable from the above office.

40— STREETS AND HIGHWAYS

3/26/46 * * 40
BIDS WANTED
MENDOCINO COUNTY, Calif.—Until April 24, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, State Highway Engineer, Public Works Bldg., Sacramento, for about one mile of grading and placing imported base material at Slick Rock Creek about 5.6 miles south of Point Arena, Mendocino County.

Work involves:

(1) 8 acres clear and grubb;
(2) 61,000 c.y. rdwy. excav.;
(3) 3,200 c.y. struc. excav.;
(4) 250 c.y. ditch and channel excav.
(5) 212,000 sta. yds. overhaul;
(6) 600 c.y. imported struc. backfill
(7) 5,000 c.y. import base material;
(8) develop water supply and furnish water equip.;
(9) 1,400 M. gals. apply water;
(10) 51 sta. finish rdwy.;
(11) 18 tons liq. asph. SC-2, prime coat;
(12) 25 c.y. min. agg. road mix gutter surf.;
(13) 2 tons liq. asph. SC-3 do;
(14) 350 s.y. mix and compact road mix gutter surf.;
(15) 31 tons asph. emulsion. seal coat;
(16) 280 cy. screenings, seal coat;
(17) 280 c.y. Class A portland cement concrete structures;
(18) 61,500 lbs. bar reinf .steel;
(19) 35 c.y. light stone riprap;
(20) 34 each monuments;
(21) 34 each culvert markers and guide posts;
(22) 2 miles new timber prop. fence;
(23) 1 each timber drive gate;
(24) 207 l.f. 18-in. stand. strength reinf. conc. pipe;
(25) 75 l.f. 24-inch do;
(26) 1,760 l.f. 8-in. 16 gage perf. metal pipe underdrains;
(27) 450 c.y. filter mtl underdrains:
(28) 154 l.f. 8-in. 16 gage CMP down drains;
(29) 2 each spillway assemblies;
(30) 226 l.f. salvage existing pipe culverts 36-in. or less in diam.;
(31) 70 l.f. salvage existing 78-in. CMP culvert;
(32) 70 l.f. re-lay salvaged do:
(33) 3 each cast steel frames and covers for drop inlets;
(34) 3,000 s.y. obliterating existing road;
(35) remove existing bridge;
(36) misc. items of work.

Specifications obtainable from the above office.

3/26/46 * 40
BIDS WANTED
LOS ANGELES COUNTY, Calif.—Until April 16, 10 A. M., bids will be received by the Los Angeles County Board of Supervisors, 501 Hall of Records, Los Angeles, for the grading, paving and otherwise improving 148th and 149th Sts., westerly from Central Ave. and along Central Ave. between 148th and 149 th Sts., west of Compton, a total distance of 2000 lin. ft.; cash contract No. 582; 75 days for completion.

3726/46 ** 40
BIDS WANTED
SISKIYOU COUNTY, Calif.—Until April 17, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about 31.7 miles applying seal coat between Cougar and Dorris, Siskiyou County.

The work involves:

(1) 4100 tons screenings seal coat;
(2) 340 tons liquid asphalt SC-6 seal coat.

Specifications obtainable from the above office.

3/26/46 ** 40
BIDS WANTED
LOS ANGELES, Calif.—Until April 18, 2 P. M., bids will be received by the State Division of Highways, G. T. McCoy, state highway engineer, State Bldg., Los Angeles, for about 1.9 miles furnishing and installing chain-link fence on Ramona Freeway between Macy St. and Indiana St. in the City of Los Angeles.

The work involves:

(1) 16,000 lin. ft. chain-link fence;
(2) 5 each walk gates.

Specifications obtainable from the office of State Highway Engineer, Public Works Bldg., Sacramento.

41—GAS, WATER AND OIL PIPE LINES

3/26/46 ** 41
BIDS WANTED
HILLSBORO, Ore.—Until April 11, 8 P. M., bids will be received by the Hillsboro Utilities Commission, Hillsboro, Ore., for furnishing and constructing 10.5 miles 18-in. pipe to replace existing 12-in. mains; estimated cost $275,000.

Specifications obtainable from City Engineer J. W. Barney upon deposit of $25.

3/26/46 41
AWARD RECOMMENDED
PORTLAND, Ore.—Ford & Walters, 1043 E. 90th St., Seattle, Wash., at $108,915, submitted the low bid and recommended for award of contract by the Maplewood Water District, 6810 SW. 52nd St., Portland, Ore., March 13, for the construction of water mains in the above named water district, southwest of the City of Portland, Ore. Plans were prepared by C. E. Carter, civil engineer, 822 Spalding Bldg., Portland, Ore.

The three low bids submitted were:

Ford & Walters, $108,915.
Eugene Ruedy, Portland, $109,975.
Thorburn & Logozo, Seattle, Wash., $110,119.

3/26/46 ** 41
BIDS HELD UNDER ADVISEMENT
SHARP PARK, San Mateo Co., Calif.—Bids submitted to the North Coast County Water District, Firehouse, Sharp Park, for construction of water mains, including valves and fittings for Edgemar area, will be held under advisement until April 6.

Plans were prepared by District Engineer E. P. Wilsey, 705 El Camino Real, Hillsborough.

As previously reported, Stolte, Inc., 8451 San Leandro St., Oakland, at $13,436, submitted low bid.

3/26/46 ** 41
LOW BIDDERS
ALTUS PROJECT, Oklahoma.—James & Phelps Construction Co., Oklahoma City, at $154,915, submitted low bid to the U. S. Bureau of Reclamation, Altus, Okla., under Spec. 1180 for construction of earthwork and structures, Altus lateral 9.9 extension and lateral 11.1, Altus city pipeline, city laterals and sublaterals, Altus Project, Oklahoma. The work is situated in the vicinity of Altus, Oklahoma.

Don Wood Construction Co., Hutchinson, Kan., at $196,202.90, submitted second low bid.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Misc. Supplies & Materials 42
Machinery and Equipment 43

42— MISC. SUPPLIES AND MATERIALS

3/26/46 ** 42
BIDS WANTED
YAKIMA, Wash.—Until April 10, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Yakima, Wash., under Spec. 1261 for furnishing and delivering in stockpiles at the locations shown below: Schedule No. 1, 1700 tons of sand and 2860 tons of gravel at stockpile site in SW¼ SW¼, Sec. 5, T. 12 N., R. 20E., Willamette Meridian; Schedule No. 2, 2600 tons of sand and 4400 tons of gravel at stockpile site in the W½ NW¼ NW¼ SW¼, Sec. 7, T. 10 N., R. 23 E., Willamette Meridian, and Schedule No. 3, 2100 tons of sand and 3500 tons of gravel at stockpile site in the E½ NE¼ SE¼ SE¼, Sec. 13, T. 9 N., R. 24 E., Willamette Meridan. No charge for copies of the specifications to prospective bona fide bidders; to others, $0.25, not returnable.

3/26/46 * * 42
NOTICE OF SALE
SAN FRANCISCO.—Until April 5, 10 A. M., bids will be received by the Navy Material Redistribution & Disposal Office, 785 Market Street, under Sales No. B-343-46 for sale of overhead traveling cranes, steel I-beams, ramps. misc. beams, rods, frames located at Encinal Terminal, Alameda.

3/26/46 * * 42
NOTICE OF SALE
SAN FRANCISCO.—Until April 10 10 A. M., bids will be received by the Navy Material Redistribution & Disposal Office, 785 Market Street, under Sales No. B-335-46 for sale of 503 gross tons non-ferrous scrap located at 2144 Clement Ave., Alameda.

3/26/46 * * 42
NOTICE OF SALE
SAN FRANCISCO.—Until April 4, 10 A. M., bids will be received by the Navy Material Redistribution & Disposal Office, 785 Market Street, under Sales No. B-331-46, for sale of lumber located at Naval Ammunition Depot, Hawthorne, Nevada.

3/26/46 * * 42
NOTICE OF SALE
SAN FRANCISCO.—Until April 9, 10 A. M., bids will be received by the Navy Material Redistribution & Disposal Office, 785 Market Street, under Sales No. B-336-46 for sale of baker mixers, slicing machine, coffee makers, etc., located at 2144 Clement Ave., Alameda.

3/26/46 * * 42
BIDS POSTPONED
MISSOURI BASIN PROJ., Wyo.—Until April 4, 2 P. M. (postponed from March 25), bids will be received by the U. S. Bureau of Reclamation, Denver, under Spec. 1199 for furnishing and delivering fob cars at the shipping point or fob cars at Emery Siding, Wyo., or Shoshone, Wyo., electrical equipment for the Boysen Construction Substation, Boysen Unit. Wyo., Missouri Basin Project.

No charge for copies of the specifications to prospective bona fide bidders; to others, $1.25, not returnable. For particulars, address the Bureau of Reclamation, Denver.

3/26/46 * * 42
BIDS WANTED
ODAIR, Wash.—Until Apr. 5, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, under Inv. F-38,496-A, for piles fob shipping point and/or Odair, Wash.; Columbia Basin machine shop.

NOTICE OF SALE
FORT MASON, Calif.—Until April 17, 9:15 A. M., bids will be received by the U. S. Maritime Commission, Washington, D. C., for sale of 17 liquid cargo barges of steel construction (declared surplus by the Army).

All of the barges are located at Fort Mason, Calif. The barges are 112 ft. long and, while of knocked-down construction, the barges are assembled and afloat. Government designations are as follows: BKO-101, BKO-102, BKO-104, BKO-105, BKO-106, BKO-376, BKO-378, BKO-379, BKO-380, BKO-381, BKO-382, BKO-383, BKO-385, BKO-386, BKO-387, BKO-388 and BKO-389.

Prospective bidders may obtain copies of the invitation to bid No. 150 upon application to the officials listed below:

Director, Division of Small Vessel Procurement and Disposal, Room 4701 Commerce Bldg., Washington 25, D. C.

Assistant Pacific Coast Director, Cabrillo Theater Bldg., San Pedro, Calif.

Assistant Deputy Administrator for the Pacific Area, 220 Bush St., San Francisco 4, Calif.

Acting Director, North Pacific Division, 1488 Dexter Horton Bldg., Seattle 4, Wash.

Port Representative, 601 Porter Bldg., Portland 4, Ore.

3/26/46 ** 42
BIDS WANTED
PARKER DAM PROJECT.—Until April 8, 2 P. M., bids will be received by the Bureau of Reclamation, Denver, Colo., for furnishing and delivering f.o.b. shipping point or f.o.b. Earp, Calif., the electrical equipment listed below for the Parker 230-kw. transmission line; Invitation 7257-A.

The quantities involved are:

Schedule No. 1

(1) 31,680 lin. ft. (6 miles) steel reinforced, bare aluminum stranded conductor, having a cross-sectional area of 795,000 circular mils and an effective copper equivalent cross-sectional area of 500,000 circular mils.

(2) 18 compression connectors suitable for the conductor furnished under Item 1.

(3) 40 compression dead end connector assemblies, complete with jumper connectors, suitable for the conductor furnished under Item 1.

(4) 10 compression repair sleeves suitable for the conductor furnished under Item 1.

(5) 50 tapered armor-rod assemblies for use with the conductor furnished under Item 1, complete with 2 armor-rod clamps per assembly.

(6) 60 parallel groove clamps suitable for the conductor furnished under Item 1.

(7) 1 set wrenches for installing armor-rod assemblies furnished under Item 5.

(8) 2 hollow screw wrenches for armor-rod clamps.

3/26/46 ** 42
BIDS POSTPONED
COLORADO-BIG THOMPSON PROJECT, Colorado.—Until April 15, 2 P. M. (postponed from March 26), bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1215 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Sterling or Holyoke, Colo., electrical equipment for substations, Colorado-Big Thompson Project, Colorado. All of the apparatus will be installed by the government. No charge for copies of the specifications to prospective bona fide bidders; to others, $1.75, not returnable.

3/26/46 ** 42
BIDS WANTED
SAN FRANCISCO.—Until April 8, 2 P. M., bids will be received by the U. S. Department of Agriculture, Forest Service, 447 Sansome St., San Francisco 11, under Bid No. 395 for screw jack and bumper jack, f.o.b. Redding.

3/26/46 42
BIDS WANTED
PASADENA, Los Angeles Co., Cal.—Until April 29, 11 A. M., bids will be received by the city clerk, City of Pasadena, City Hall, Pasadena, for furnishing under Spec. LD 46-1 the following:

(1) 3 200-kva., single-phase, power transformers;
(2) 1 6000-kva. three-phase, power transformer.

3/26/46 * 42
CONTRACTS AWARDED
SAN FRANCISCO.—General Electric Co. and John A. Roebling's Sons Co. awarded contracts by the Purchaser of Supplies, 270 City Hall, under Bid No. 3499 for furnishing and delivering armature and field coils for the Municipal Railway.

3/26/46 42
CONTRACTS AWARDED
SHOSHONE PROJECT, Wyoming.—Listed below are the contracts awarded to the General Electric Co., Denver, Colo., by the Bureau of Reclamation, purchasing agent, Room 416 U. S. Custom Bldg., Denver, under Spec. 1139 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Thermopolis, Wyo., at the option of the bidder, for transformers, distribution type lightning arresters, etc.

Sched. No. 1, items 1 and 2, $9340; $90.

Sched. Nos. 3 and 5, $1520.66; $613.32.

(Continued on Page Four)

5.7 MILES GRADING, SAN BERNARDINO COUNTY

SAN BERNARDINO COUNTY, Calif.—As previously reported, Matich Bros., Box 390, Colton, at $478,203.75, submitted low bid to the State Division of Highways, G. T. McCoy, state highway engineer, State Bldg., Los Angeles, for about 5.7 miles of grading and paving with portland cement concrete and constructing reinforced concrete bridge between Vineyard Ave. and Etiwanda Ave., San Bernardino County.

Work involves:

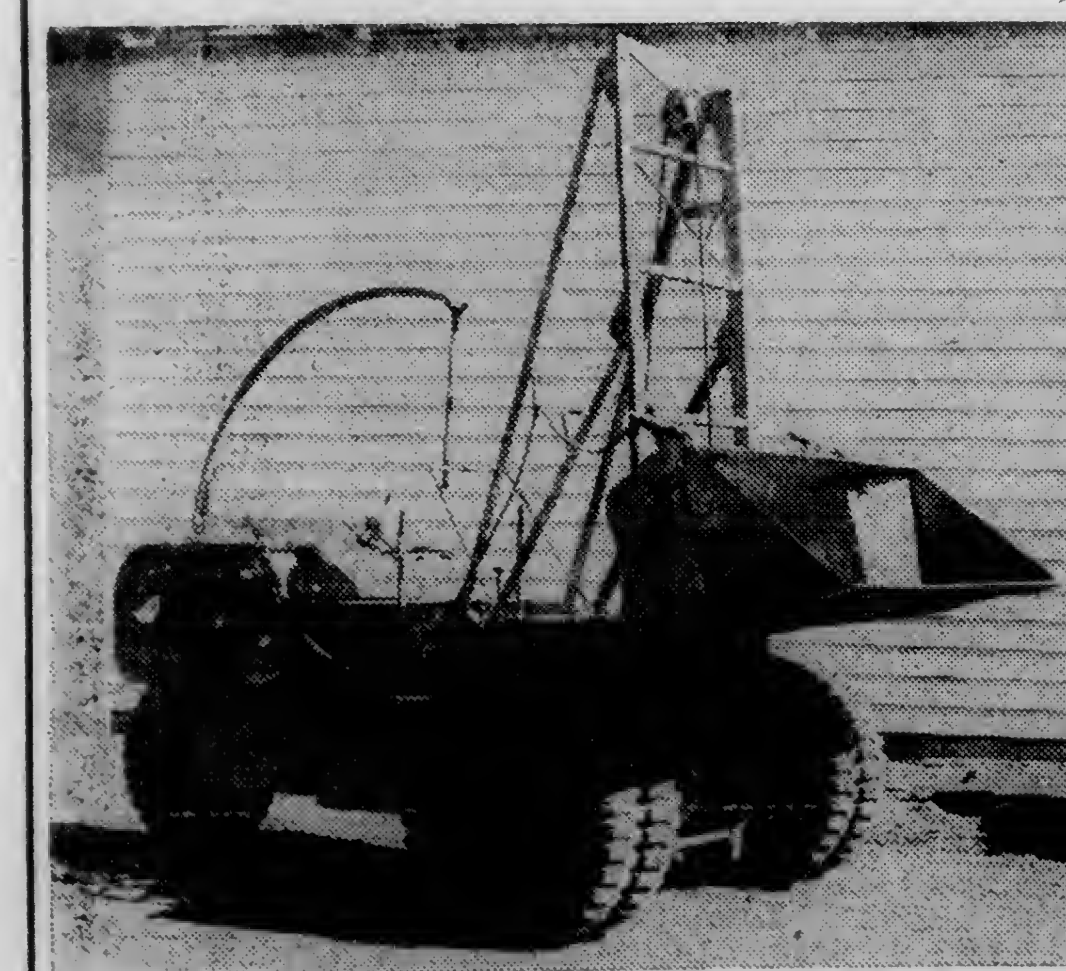
(1) 165 c.y. remove concrete;
(2) 298 sta. clear and grubb;
(3) 31,000 c.y. rdwy. excav.;
(4) 186,000 s.y. compact original ground;
(5) 2,350 c.y. struc. excav.;
(6) 3,900 c.y. ditch and channel do;
(7) 94,000 sta. yds. overhaul;
(8) 153,000 c.y. imported borrow;
(9) develop water supply and furnish water equipment;
(10) 7,960 M. gals. apply water;
(11) 298 sta. finish rdwy.;
(12) 80,500 sq. yds. subgrade treatment;
(13) 690 tons liq. asph. RC-3 or -3 subgrade treatment;
(14) 45 tons asph. emulsion seal coat;
(15) 430 tons screenings seal coat;
(16) 210 tons liq. asph. SC-3 or -4 service highway bit. surf. treatment;
(17) 42,000 sq. yds. prepare, mix and shape surf., service highway bit. surf. treatment;
(18) 9,500 tons min. agg. plant mix surfacing;
(19) 470 tons pave. asph. plant mix surfacing;
(20) 2 tons asph. paint binder;
(21) 260 l.f. raised bars plant mix surfacing;
(22) 18,200 c.y. Class B portland cement conc. pave.;
(23) 12,000 each tie bolt assemblies;
(24) 253 l.f. timber bridge railing;
(25) 1,505 c.y. Class A portland cement conc. structures;
(26) 485 l.f. concrete bridge railing;
(27) 292,000 lbs. furnish bar reinf. steel;
(28) 292,000 lbs. place do;
(29) 280 lbs. misc. iron and steel;
(30) 2,148 l.f. furnish concrete piles;
(31) 79 each drive do;
(32) 375 l.f. furnish steel piles;
(33) 18 each drive do;
(34) 38 c.y. Class A Portland cement concrete curbs;
(35) 350 each curb dowels;
(36) 82 each monuments;
(37) 63 each culvert markers and project markers;
(38) 8 each guide posts;
(39) 12.4 miles new property fence;
(40) 105 l.f. remove and reconstruct wire mesh fence;
(41) 902 l.f. 24-in. CMP 14 gage;
(42) 168 l.f. 36-inch CMP 12 gage;
(43) 6,200 l.f. 10-in. plain conc. pipe;
(44) 125 each 10-in. Concrete pipe risers;
(45) 4 each irrigation gate stands;
(46) 6,200 l.f. remove existing irrigation pipe lines;
(47) 550 l.f. salvage existing pipe culverts;
(48) 350 l.f. re-lay do;
(49) 1 each cast steel frame and grate;
(50) 1.030 s.y. plant mix slope protection;
(51) misc. items of work.

Total bids were:

(A) Matich Bros., $478,203.75.
(B) Griffith Co., Los Angeles, $491,169.95.
(C) N. M. Ball Sons, Los Angeles, $520,561.
(D) Basich Bros. Construction Co., Basich Bros., Alhambra, $530,$894.65.
(E) J. E. Haddock, Ltd., Pasadena, $534,342.80.
(F) E. L. Yeager, Riverside, $588,716.49.
(G) Peter Kiewit Sons Co., Arcadia, $612,371.

Unit bids were:

	(A)	(B)	(C)	(D)	(E)	(F)	(G)
(1)	$7.50	$7.00	$6.00	$7.00	$5.00	$8.80	$16.00
(2)	5.00	13.00	10.00	6.00	35.00	6.60	10.00
(3)	.30	.25	.38	.35	.45	.40	.44
(4)	.025	.03	.03	.05	.02	.06	.02
(5)	1.25	1.30	1.75	1.50	1.25	2.20	2.25
(6)	50	.65	.70	.95	1.00	.95	.90
(7)	.005	.01	.01	.01	.01	.0165	.01
(8)	.60	.62	.79	.65	.72	.96	.95
(9)	5000.00	5000.00	1750.00	6500.00	6000.00	5500.00	3734.25
(10)	2.25	1.40	1.50	1.90	1.20	1.65	1.70
(11)	5.00	4.00	6.00	6.00	15.00	10.00	10.00
(12)	.15	.18	.15	.14	.14	.20	.22
(13)	14.00	15.00	15.00	14.70	15.40	17.25	15.65
(14)	25.00	27.00	24.00	18.00	31.00	25.00	17.50
(15)	3.50	3.00	3.25	3.50	3.75	4.00	3.45
(16)	13.00	12.00	14.00	12.40	14.50	16.00	14.60
(17)	.08	.076	.065	.10	.10	.18	.08
(18)	2.62	2.80	2.90	2.70	2.80	3.00	3.00
(19)	13.00	12.00	12.00	13.25	13.00	13.00	13.20
(20)	75.00	70.00	50.00	35.00	45.00	100.00	25.00
(21)	1.00	.80	1.00	.70	1.00	1.00	1.00
(22)	8.75	8.84	8.90	9.10	9.00	9.50	10.15
(23)	.50	.54	.51	.50	.55	.55	.80
(24)	4.00	3.50	2.25	3.50	4.00	3.30	5.85
(25)	30.00	33.50	35.50	44.00	38.00	32.00	37.50
(26)	8.00	4.30	6.00	7.00	3.75	7.00	7.25
(27)	.044	.042	.045	.04	.05	.05	.05
(28)	.018	.023	.02	.035	.02	.025	.03
(29)	.30	.20	.30	.35	.35	.25	.25
(30)	3.75	2.35	3.00	2.90	2.50	2.88	3.15
(31)	22.00	68.00	70.00	70.00	72.00	25.00	81.50
(32)	3.00	2.00	2.25	2.40	3.30	3.25	2.40
(33)	22.00	60.00	70.00	80.00	80.00	25.00	81.30
(34)	22.00	41.00	35.00	30.00	35.00	33.00	37.30
(35)	.50	.43	.50	40	.60	.45	1.70
(36)	4.00	5.00	4.00	5.00	5.00	4.40	5.00
(37)	4.00	3.30	4.00	3.50	3.75	4.40	3.00
(38)	7.00	3.30	4.00	3.80	3.15	4.40	3.00
(39)	900.00	1050.00	900.00	1000.00	1125.00	750.00	1060.00
(40)	.75	.65	.50	.60	.50	10.00	.45
(41)	3.00	3.00	3.00	3.20	3.30	4.00	4.20
(42)	6.00	5.70	5.50	5.80	5.00	6.95	7.00
(43)	.75	.88	.80	.88	.90	1.40	1.15
(44)	14.00	10.00	10.00	6.75	6.20	11.00	10.50
(45)	75.00	120.00	100.00	120.00	60.00	110.00	222.00
(46)	.30	.47	.50	.48	.70	.75	.70
(47)	1.00	.95	.60	.70	1.00	1.25	1.00
(48)	1.00	.95	.60	.70	1.00	1.25	2.00
(49)	100.00	65.00	100.00	60.00	70.00	100.00	85.00
(50)	5.00	5.10	4.00	6.00	4.00	7.00	9.25
(51)	2000.00	1200.00	1400.00	1000.00	1500.00	1500.00	1750.00



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Building Permits, Contracts---Recorded Notices

BUILDING PERMITS Applications

SAN FRANCISCO

CLASS "C" AUTO SALES, $40,000; SE corner Geary and Parker Ave; owner, Tom Owens, 3151 Sacramento St; builder, not let; architect, Hyman & Appleton, 68 Post St; engineer, I Thompson, 58 Sutter St.

APTER APARTMENTS, $21,000; 1221 Greenwich St; owner, M T Knieske, premises; builder, E P Merritt, 116 New Montgomery St.

ALTER STORES, $20,000; NW Sutter and Stockton; owner, Lewis M Norton, c/o contractor; builder, J S Malloch, 666 Mission St.

ALTER RETAIL STORE, $15,000; NW Geary and Powell; owner, Hastings, premises; builder, Empire Construction Co, Ltd, 344 Harriet.

FLATS (2-story frame), $13,000; NE California and Masonic; owner, Milton H Leis, c/o contractor; builder, Oliver M Rousseau, 725 Tehama.

ALTER DWELLING, $12,500; NW Geary and 15th Ave; owner, G Tsagalakis, 5100 Geary Blvd; builder, M J King, Inc, 231 Franklin.

FLATS (2-story frame) (3), $10,000 each; W 18th Ave 150 S Judah St; E 8th Ave 150 S Irving; E 17th Ave 50 N Kirkham; owner and builder, Henry Doelger Builder, Inc, 320 Judah.

FLATS (2-story frame), $10,000; E 11th Ave 175 S Irving; owner and builder, Henry Doelger Builder, Inc, 320 Judah.

DWELLING (1-story frame), $7000; E 36th Ave 100 N Ortega; owner and builder, Rude & Lipman, 2 Willard St.

DWELLINGS (1-story frame) (4), $6300 each; E 38th Ave 200, 225 N Moraga; W 38th Ave 175, 200 S Taraval; owner and builder, C T Lindsay Co, 824 Taraval.

DWELLING (1-story frame,) $5800; NE Evelyn Way and Teresita Blvd; owner and builder, T G Meyer, 200 Quint St.

ALTER APPAREL SHOP, $5000; 225 Post St; owner, Carolyn Kelsey, premises; builder, R C McBride Jr, 2212 Polk St.

WAREHOUSE (1-story frame) $5000; S Portola Dr 80 W Teresita Blvd; owner, M Pommon, 635 Portola Dr; day work.

DWELLINGS (1-story frame) (6), $4000 each; SE Cayuga 325, 350, 375, 400, 425, 450 SW Foote; owner and builder, W & M. Hansen, Inc, 26 Ocean Ave.

ALTER STORE, $3700; 687 Market St; owner, M A Pressler, premises; builder, Wm Martin, 666 Mission St; architect, M A Sheldon, 681 Market.

ELECTRIC SIGN, $3500; 942 Market St; owner, Mr Lippett, prem; builder, Brumfield Electric Sign Co, 965 Folsom St.

ALTER FLATS, $3000; 1939-43 O'Farrell; owner, Myrtle Pastene, 801 Jones St; builder, not let.

ALTER BAKERY STORE, $2000; 200 Powell; owner, Hubert J Juckens, 1946 Van Ness Ave; builder, Joseph L Barnes, 752 Folsom St.

CLASS "A" STEEL SERVICE STATION, $1980; SE 15th and Guerrero; owners, T and A Howard, 615 Cole; builder, Michel & Pfeffer, 10th and Harrison Sts.

ALTER FACTORY, $1724; 110 Minna St; owner, Koret of California, 144 2nd St; builder, Hill & Smale, 586 6th Ave.

ALTER STORE, $1500; 4049 24th St; owner, H M Meyer, premises; builder, not let.

ELECTRIC SIGN, $1330; 441 Post St; owner, Bank of America, prem; builder, Electrical Products Corp, 910 Harrison St.

ALTER STORE, $1000; 336-41 Golden Gate; owner, B Browning & H Sarter, 370 4th St; builder, Ideal Service Co, 370 4th St.

STORAGE BLDG. (1-story frame), $1000; N Minna 385 W 7th St; owner, California Building Maintenance Co, 32 9th St; day work.

ALTER 2 FLATS TO 3 APTS., $750; 518 Anza; owner, L C Eddy, 197 Cook; builder, E T Adams, 2546 27th Ave.

ALTER DWELLING, $500; 401 Shields; owner, Marshall Johnson, prem; day work.

BUILDING PERMITS Granted

SAN FRANCISCO

MARCH 25, 1946

CHECKING foundation, electric and plumbing work and add stucco front to store, $800; 3432 Mission; owner and contractor, J A Michelson.

ADD two rooms and bath on 1st floor of dwelling, $1500; 1232 28th Ave; owner, Jos Martinelli; contractor, Peter C Scatena, 1265 Shafter Ave.

STUCCO front of residence, $800; 2036-40 Sutter St; owner, T C Williams; contractor, Martinez & Calhoun, 528 Hemlock St.

STORES, 1-story frame, $10,000; S Leland Ave 100 W Bayshore Blvd; owner, John Oreglia; contractor, same, 132 Arleta Ave.

AUTO SALES, 1-story frame, $500; E Mission 45 S 14th St; owner, Society of St. Vincent de Paul.

DWELLING, 1-story frame, $8000; W 26th Ave 200 S Lawton Street; owner, Thos V Craddock; architect, C O Clausen, 746 46th Ave; contractor, James C Duerner and Son, 63 Belle Ave.

DWELLING, 1-story frame, $6000; E 36th Ave 75 N Ortega St; owner and builder, Rude & Lipman, 2 Willard St.

ADD to present shop bldg, $8000; 17th St and Treat Ave; owner, E P Nouaux, Edw Campi, Raymond Chiosso; contractor, Joe Piasecki.

STORE, 1-story frame, $4000; West 3rd St 172.2 S Bayview; owner, Rafaello Barsotti.

SIGN, electric, for drug store, $925; 2200 Irving St; owner, Kromstock; contractor, Brumfield Elec Sign Co, 965 Folsom St.

SIGN, electric, for tavern, $1985; 609 Market St; owner, Rushing; contractor, Brumfield Elec Sign Co, 965 Folsom St.

SIGN, electric, for tavern, $900; 61 Malden Lane; owner, Sutton; contractor, Brumleid Elec Sign Co, 965 Folsom St.

DWELLING, 1-story frame, $5500; W St Charles 160 N Palmetto; owner, H Wohlken; contractor, James C Duerner & Son, 63 Bella.

ALTER retaining wall and concrete of bldg, $900; 276 Van Ness Ave South; owner, E A Norwitt; contractor, R H Hansen, 1265 9th Ave.

REMOVE wood floors to be concreted and place wood partitions in auto service bldg, $800; 1645 California St; lessee, Geo Daniels; plans by Geo Daniles, 1645 California St.

REPAIR foundations to flats, $500; 2113 Jones St; owner, G Arata.

FACTORY, Class C, $52,000; W Potrero 100 S 18th St; owner, C J and Ruby M Menard; architect, Donald Powers Smith, Holbrook Bldg, 58 Sutter St; engineer, I Thompson, 58 Sutter St; contractor, Lewis Constr Co, 516 18th St., Oakland.

RAISE floor height to level of adj bldg, cut new fire door bet bldgs, instal inew steel sash in front and paint exterior and interior, $3000; 686 Sacramento St; owner, Kohnke Prtg Co; contractor, Coast Bldg Co, 744 Harrison St.

ADDITION of bedroom, bath, hall and closet to dwelling, $2500; E Parker Ave 80 N Golden Gate Ave; owner and contractor, Oliver M Rousseau, 725 Tehama St.

CONSTRUCT work room in basement of dwelling, $1500; 160 San Anselmo Ave; owner, E F Lorton; architect, Henry H Gutterson, 421 Powell St; contractor, Wahl Constr Co, 2101 Scott St.

ALTER store into restaurant, $25,000; NW Cor Powell and Ellis Sts; owner, M Stern and A S Stern; architect, Wallace H Hubbert, 580 Market St; contractor, Newsom & Bechtel.

BERKELEY

DWELLING (4-room), $4,000; 1008 Grayson; owner, Carl J Witsten, 1008 Grayson; builder, Ralph Witsten, 1008 Grayson.

ALTERATIONS, $1000; 2462 Le Conte; owner, M uChapter, Theta Chi, 2462 Le Conte; builder, Oliver & Coburn, 1006 Pardee.

GARAGE, $2443; 3041 Deakin; owner, R Toutjian, 3041 Deakin; builder, Pioneer Builders, 516 San Pablo.

ALTERATIONS, $987; 1240 Haskell; owner, Andrew Dulaney, 1240 Haskell; builder, W R Crowe, 6818 Cutting Blvd, El Cerrito.

WORK SHOP, $500; 1540 Blake; owner, Mary Maselli, 2540 California; builder, Gilbert Maselli, 1540 Blake.

ALTERATIONS, $9650; 2123-25 Milvia; owner and builder, Signal Oil, 2301 Blanding Ave, Alameda; plans by A R Baird.

DWELLING (5-room), $9000; 1435 Summit; owner, Russ Johnson, 5900 Sherwood Rd; builder, Leonard Ver Mehr, 2516 Etna; plans by Dechene.

ALTERATIONS, $750; 1942 Los Angeles; owner, John Pickett, 1942 Los Angeles; builder, Walter H Edwards, 1630 Webster.

REPAIRS, $500; 1314 Rose; owner and builder, Golden Gate Warehouse, 1314 Rose.

GARAGE, $1000; 1400-04 San Pablo; owner and builder, Edw M Wait, 1400 San Pablo.

ALTERATIONS, $1187; 1824 Prince; owner, John Hayashida, 1824 Prince St; builder, W R Crowe, 6818 Cutting Blvd, El Cerrito.

REPAIRS, $2500; 1712 Euclid; owner, ..., 1712 Euclid; builder, D E McDonald, 631 Buena Vista.

OAKLAND

ALTER, $10,000; 1544 Broadway; owner, Blake Bros, Western Dr, Richmond; contractor, California Bldrs Co, Inc, 350 Hobart St.

APARTMENTS, two-story 20-room, $25,200; 1-story garage, $800; 1335-41 E 28th St; owner, T T Laughlin, 2643 Carisbrook; contractor, T A Martinson, 4624 Park Blvd.

ALTER, $7600; 101-111 Grand Ave and 2118 Webster; owner and contractor, E L Buttner, 534 20th St; architect, Alben Froberg, 3444 Harlan St.

ADDITION (addl work, $1000); 3334 Rubin Dr; owner and builder, F Wallin, Walnut Creek.

STORAGE Bldg, 1-story conc, $22,680; 2907 Broadway; owner, Foster Weeks, premises; contractor, Empire Constr Co, 344 Harriet St, San Francisco.

SHOP bldg, 1-story, $4000; 10007 San Leandro St; owner, John A Armstrong, 1700 104th Ave; contractor, A L Holm, 10601 Beverly.

ALTER, $8000; 1924 Broadway; owner and contractor, H J Kaiser Co, 1522 Latham Square Bldg.

CLUB Bldg, 1-story, $41,200; 1120 7th St; owner, R C Archbishop, 1100 Franklin St, S F; contractor, A J Hopper Co, 243 Langton St, S F; architect, E D Cerruti, 427 13th St.

DUPLEX, 1-story 6-room, $8000; garage, $500; 2174-74 107th Avenue; owner, M L Busby, 245 Bancroft Ave, San Leandro; contractor, J Virscher, 1080 San Leandro Blvd, San Leandro.

ALTER, $3500; 4799 Shattuck Ave; owner, Ligure Club, prem; contractor, E J Luoma, 2317 Browning St, Berkeley; plans by Hamilton & Williges, Bank of Commerce.

ALTER, $900; 394 12th St; owner, John Sopza, Hotel St Mark; contractor, John Militello, 5825 Fremont St.

STORE, 1-story concrete, $10,000; 9620 MacArthur Blvd; owner and builder, Hartley B Lee, 9632 MacArthur Blvd.

ALTER, $15,000; 1301 Washington; owner, Grayson's, prem; contractor, Empire Constr Co ,Ltd, 344 Harriet St, S F; plans by Gruen & Krummet, Hollywood.

DWELLING, 1-story 4-room, $4,000; 1072 75th Ave; owner and builder, H P Fisher, 376 17th St.

ALTER dwelling, $1200; 1832-34 E 15th St; owner and contractor, E F Dickey, Jr, 1832 E 15th St.

ALTER dwelling, $1960; 243 John; owner, Harry Lange, prem; contractor, E T Leiter Sons, 811 37th.

WRECK 2-story bldg, $600; 3770-72 Piedmont Ave; owner, F B Tower, 3783 Piedmont Ave; contractor, Grey Constr Co, 640 Central Ave, Alameda.

ALTER, $918; 3336 Chestnut Street; owner, Jos Buttler, prem; contractor, American Co, 806 55th St.

BLDG, 1-story concrete, $8000; 4418 E 14th St; owner, Vernon Gardner, prem; contractor, Clifford Jacobsen, 4421 Virginia Ave.

ALTER, $2850; 2715 Kingsland Ave; owner and contractor, J B Hollinsworth, premises.

OFFICE bldg, 1-story, $25,000; 9025 G St; owner, Lincoln Lbr Co, 2201 E 14th St; contractor, Kermit L Lincoln, 1308 105th Ave; plans by H M O'Neil Co, 610 16th St.

ALTER and repairs, $600; 2444 9th Ave; owner, Geo T Anderson, 2444 9th Ave; contractor, Mastercraft Co, 842 4th Ave.

ADDITION, $1500; 2742 73rd Ave; owner and builder, Ben Salisbury, premises.

SIGN, electric, $1500; 1300 Broadway; owner, Clarence F Lerner, prem; contractor, Western Neon Corp, 3001 Chapman St.

SIGN, electric, $840; 1300 Broadway; owner, Clarence F Lerner, prem; contractor, Western Neon Corp, 3001 Chapman St.

SIGN, electric $700; 2635 Preaita; owner, Eby Mchy Co, premises; contractor, Electric Sign Repair Co, 699 Jean St.

PALO ALTO

REPAIR residence, $300; 721 Ramona St; owner, J B Blois, 252 Forest Ave; contractor, R Nordberg, 2717 Cowper St.

ALTER residence, $200; 626 Middlefield Rd; owner, Roberta A Atherton; contractor, Ralph Nordberg.

RESIDENCES and garages, seven; 2330 Ros Rd, $9750; 628 Marion Ave, $8750; 670 Marion Ave, $8,400; 614 Marion Ave, $9000; 656 Marion Ave, $10,250; 600 Marion Ave, $10,500; 642 Marion Ave, $9600; owner, Coastwise Constr Co, 2499 Middlefield Rd; contractor, E Cornbium, 2499 Middlefield Rd; architect, W E Huson, 2499 Middiefield Road.

SOUTH SAN FRANCISCO

STORE bldg, 50x100, concrete, $15,000; 356-360 Grand Ave; owner, Milton H Lees, 222 Front St, San Francisco.

SAN BRUNO

GARAGE and showroom, $20,000; 860 San Mateo Ave; owner and builder, Allen Bros, 844 San Mateo Dr.

CITY OF SACRAMENTO

OFFICE bldg, doctors', stucco, wood frame and shingle, $16,000; 801 Alhambra Blvd; owner, Drs Culleton & Salvater; contractor, O N Halset, 2201 9th Ave.

DWELLING, 5-rooms, stucco, wood frame and shingles, $4500; 4564 11th Ave; owner and builder, C E Decuir, 2739 Marshall Way.

WAREHOUSE, 54x300 ft., steel frame and aluminum sheathing, $32,000; 1802 C St; owner and builder, California Almond Growers, 18th and C Streets.

ADDN to dwelling, frame and rustic, $2000; 2525 8th Ave; owner and builder, D H Mack.

ADDN to storage shed, $1400; rear 885 57th St; owner and builder, Christy Gun Works.

WRECK store bldgs, $....; 305-7 Capitol Ave; owner, Patterson; contractor, Patchen.

ADDN to present bldg of Pacific Tel & Tel Co, 54x88 ft, reinf conc and steel and brick, comp roof, $77,845; Stockton Blvd and Miller Way; owner, Pacific Tel & Tel Co; contractor, Lawrence Constr Co, 3020 V St.

OFFICE and service station, frame and stucco, comp roof, $3500; 5028 J St; owner and builder, E Dandretta.

DWELLING, 3-rm brick, $5000; 5225 Dover Ave; owner, A G Zallio; contractor, Pesce Bros, 5746 Jay St.

ADDN to bldg, 80x160 ft, concrete, comp roof, $50,000; 1324 K Street; owner, J Blumenfeld; contractor, A E Erickson, 1932 El Monte Ave.

REMODEL bldg, $4000; 1305 K St; owner and contractor, E Lindberg.

REMODEL restaurant, $1000; 4411 4th Ave; owner and contractor, Won Fong.

DWELLING, 5-room, stucco, wood frame and shingle, $4000; 3800 45th St; owner, Dorothy Pierce; contractor, H H Pierce, 1017 J Street.

DWELLING, 5-room stucco, wood frame and shingle, $4000; 3808 45th St; owner, Dorothy Pierce; contractor, H H Pierce

MENLO PARK

MOVE 2-story frame bldg from 930 El Macino to Lot 6, Blake Tract, on Live Oak Ave; owner, Maude Hwesties; contractor, Hanson Bros 5840 Mission St, San Francisco.

ADDN to residence, $3000; Lot 3 Blk E, Drexler Tract, 1177 Johnson; owner, Londa Fletcher; contractor, Aro & Okerman, Box 433, Palo Alto.

Plumbing Permits

BERKELEY

2975 College Ave; owner, Brock; dealer, Morrill Plumbing; 2 water closets; 2 wash basins.

2228 Grove; owner, A Anderson; dealer, H P Murphy; wash tub.

2111-15 Channing; owner, Probert; dealer, H P Murphy; 3 water closets; 3 wash basins.

2010 Prince; owner, White; dealer, Merrill Plumbing; water closet; wash basin; shower.

2421 Prospect; owner and dealer, Ned R Reed; water closet; wash basin; bath tub; sink; shower.

BUILDING CONTRACTS
SAN FRANCISCO

OUT OF COUNTY
CRUSHING and milling plant.
Owner—B Monteverda.
Architect—Not Given.
Contractor—The Jimper Mining Co.
Payments not given.
TOTAL COST, $18,000
Specifications filed Mar 12, 1946.

SAN MATEO COUNTY

DIAL Office building
SAN GREGORIO.
Owner—Pacific Tel & Tel Co.
Architect—Not Given
Contractor—Arthur H Oppan, P O Box 24, Half Moon Bay.
Filed, Mar 18, '46. Dated Jan 25, '46
Upon completion 75%
40 days after completion............25%
TOTAL COST, $1,707
Bond, $1707. Sureties, Pacific Indemnity Co, San Francisco; limit, 35 days; plans and specifications filed.

Completion Notices

SAN FRANCISCO

Recorded Accepted

Mar 25, 1946—E 30th AVE 118, 143 N Noriega. Thomas E Mohr, Jr to whom it may concern................ ....March 22, 1946

Mar 21, 1946—NW ANZA and Cook. Lawrence C and Mary E Eddy to Ernest T Adams......Mar 21, 1946

Mar 15, 1946—W 44th AVE 100 S Santiago. Lillian I and John W Mauck to whom it may concern ....Mar 15, 1946

ALAMEDA COUNTY

Recorded Accepted

Mar. 23, 1946—538 McKinley Court, San Leandro, Calif. Dorothy L Jansen to S M Davis...Mar. 18, 1946

Mar. 25, 1946—Lot 7, San Antonio Court, San Leandro, Calif. Rudolph E Breves to whom it may concern..............................Mar. 23, 1946

Mar. 23, 1946—Lot 8, Tract 700, San Leandro, Calif. F W Valley and W G Lincoln, a co-partnership, to Valley & Lincoln Co......Mar. 18, 1946

Mar. 23, 1946—Lot 9, Tract 700, San Leandro, Calif. F W Valley and W G Lincoln, a co-partenrship, to Valley & Lincoln co..Mar. 19, 1946

Mar. 23, 1946—Lot 10, Tract 700, San Leandro, Calif. F W Valley and W G Lincoln, a co-partnership, to Valley & Lincoln Co..Mar. 20, 1946

March 23, 1946—Lots 11 and 12, Tract 700, San Leandro, Calif. F W Valley and W G Lincoln, a co-partnership, to Valley & Lincoln Co.................................Mar. 21, 1946

Mar. 22, 1946—Lot 13, ptn Lot 12, Block 12, Sunset Terrace, Albany, Calif. Winthrop E Ferguson to G D Gaeta................................Mar. 21, 1946

Mar. 22, 1946—7420 Castro Valley Blvd, Hayward, Calif. Mary M Walter and by Rufus A Tracy Jr, contract buyer, to R A Tracy Jr ....Mar. 22, 1946

SAN MATEO COUNTY

Recorded Accepted

Mar 22, 1946—LOTS 111, 112, 113, 226, 227, 228, 229, 230, 231, 232 and 234 Tract 545, Redwood Village No 1. Conway & Culligan to Self.............................March 22, 1946

Mar 22, 1946—FREIGHT House at San Carlos (repaiving driveway). Southern Pacific Co to Douglas & Woodhouse.................March 13, 1946

Mar 22, 1946—LOTS 14, 15, 16, 17, 18 Blk 38, Newbridge Park No 4; Lots 23, 24, 25, 26 Blk 17, Belle Haven City. Dan Nelson to Nelson, Rogers & Rumsey............ ....March 21, 1946

Mar 22, 1946—LOT 18, Atherton Estates, Atherton. Richard C and John M North to N F Nelson........ ....March 18, 1946

Mar 21, 1946—LOTS 12, 13 and 14 Block 69, Millbrae Highlands Schultz Constr Co to Self............. ....March 20, 1946

Mar 21, 1946—LOT 26 Blk 123, So San Francisco. E H Venturi to Antonio Pianca..............March 19, 1946

Mar ...., 1946—LOT 7 Blk 1, Town of Beresford No 1. E Hermann to Geo Arthur & Sons................ ....March 13, 1946

Mar 21, 1946—LOTS 10, 11 and 13 BF, Lots 7, 9, 11 to 18 incl, Lots 21, 29, 32 incl BA, Lots 2, 5, 7, 9, 10, 11, 12 14 to 26 and 28 and 70 B B Edgewood Terr. Stonecrest Corp to whom it may concern...............................March 21, 1946

Mar 21, 1946—PTN LOT 1 Blk 10, Oak Knoll Manor. Earl L Rosell etc to H V Cowan......March 18, 1946

Mar 21, 1946—LOTS 4 and 5 Blk 1, Mills Park. Richard Delucchi to Richard Delucchi & Co................ ....March 20, 1946

CONTRA COSTA COUNTY

Recorded Accepted

Mar 22, 1946—S ½ LOT 1, and N ½ Lot 2 Blk 39, Boulevard Gardens, El Cerrito. Scott W Bonds to whom it may concern............ ....March 21, 1946

Mar 22, 1946—PTN RANCHO Monte Del Diablo, Concord. Frank Rose to Bernard E Enes........Mar 18, 1946

Mar 23, 1946—LOTS 15 and 16, Mailey Estates, Unit No 1, near Lafayette. Lewis E Roland to L Movell Day..................March 14, 1946

MARIN COUNTY

Recorded Accepted

Mar 22, 1946—GOLF LINKS Tract, near San Rafael. Charles G Droesch to Charles Warner........ ....March 21, 1946

Mar 22, 1946—NOVATO. R H Regimbal to A Von Rotz....Mar 12, 1946

CONTRA COSTA COUNTY

Recorded Accepted

Mar 20, 1946—LOT 113, El Sobrante Manor, near Richmond. Cloe E Small to whom it may concern.... ....March 11, 1946

Mar 20, 1946—PTN SE ¼ Sec 17, T1S, R1W, cntg 3.06 acres, near Walnut Creek. Gideon H Adams to J Thos Young....February 1, 1946

Mar 21, 1946—PTN LOTS 4, 5, 6 and 7, map of El Nido Rancho, near Lafayette. E M Netherby to W L Netherby......March 20, 1946

Liens Filed

ALAMEDA COUNTY

Recorded Amount

Mar. 23, 1946—863 Collier Dr, San Leandro, Calif. Moderne Tile Co vs D M Reid, Earl J and Flory H Kuenster $432.00

Release of Liens

SAN MATEO COUNTY

Recorded Amount

Mar 21, 1946—LOCATION omitted. West Coast Weatherstrip Co to Edward Browder, Jr..................

CONTRA COSTA COUNTY

Recorded Amount

Mar 20, 1946—PTN RANCHO Las untas, near Walnut Creek. James E McDaniels to Theodore C Johnson, et al..................................$330.52

Mar 20, 1946—PTN RANCHO Acalanes, cntg 0.50 of an acre, near Lafayette. Rex Floor Co to Robt L Chambers, et al..............................$322

Mar 21, 1946—LOT 11 Blk 5, East Richmond Blvd Tract, Richmond. Modern Builders Supply to Lawhence C McDaniel, et al.......$443.93

Non-Responsibility

SAN FRANCISCO

Mar 22, 1946—1362-64-66 SACRAMENTO ST. Harold M and Eleanor E Sawyer as to improvements on property.

Electrical Permits

SAN FRANCISCO

SAN FRANCISCO

222 835 Market St; owner and contractor, The Emporium; ....

223 1125 Market St; owner, Embassy Theatre; contractor, Weber Conroy; ....

224 573 Mission; owner, A Baer; contractor, Weber Conroy; 1 outlet.

225 627 Waller; owner, Nichols; contractor, Weber Conroy; 2 outlets; 1 switch; 6 plugs; service.

226 347 Clay St; owner, O'Brien Sportana; contractor, Weber Conroy; 3 plugs.

227 1425 Ocean Ave; owner, Hamilton; contractor, G H Armstrong Elec Co; alterations.

228 138 Mason St; owner, George's Grill; contractor, Central Elec Co; 1 plug.

229 151 Taylor St; owner, Eagle Restaurant; contractor, Central Elec Co; ....

230 630 Mason Street; owner, Alta Apts; contractor, Central Elec Co; 1 plug.

231 S Lawton 65 W 45th Avenue; owner, Marvel Bldr; contractor, B J Doherty; ....

232 601 Grove St; owner, Craft Shop; contractor, O'Keeffe, The Fan Man; ....

233 315 Hayes St; owner, I Booker; contractor, O'Keeffe, The Fan Man; motors.

234 3515 Washington; owner, Mrs Meyers; contractor, O'Keeffe, The Fan Man; motors.

235 305 Grant Ave; owner, Picardi; contractor, O'Keeffe, The Fan Man; motors.

236 550 Sacramento; owner, Stevenson's; contractor, O'Keeffe, The Fan Man; motors.

237-41 Various locations and owners; contractor, Brumfield Elec Sign Co; signs.

242 2430 27th Ave; owner, Craig; contractor, Dewey Elec Co; 3 outlets; 1 switch; 6 plugs.

243 1545 Pacheco; owner, Herzig; contractor, Richmond Elec Co; 11 outlets; 11 switches; 11 plugs; serv.

244-46 2006-10-14 20th Ave; owner, Herzig; contractor, Richmond Elec Co; 11 outlets; 11 switches; 11 plugs; service.

247 1218 48th Avenue; owner, Monches; contractor, Eureka Elec; 12 outlets; 11 switches; 13 plugs.

248 1898 Ellis St; owner, ...; contractor, Pacific Elec Constr Co; service.

249 335 5th St; owner, Premier Dept G E Co; contractor, Pacific El Constr Co; service; motors.

250 671 Ulloa; owner, J Richardon contractor, E A Koenig; ....

251-5 Various locations and owners; contractor, Electrical Products Corp; signs.

OAKLAND

36369 NW corner 7th and Washington Sts; owner, Victor Siggi; contractor, Clifford Electric; outlets; switches; fixtures; plugs; alterations.

36370 1540 MacArthur; owner, J Carlson; contractor, Clifford Electric Co; outlets; switches; fixtures; plugs; alterations.

36371 1051 16th St; owner, Louie's Market; contractor, Clifford Electric; fixtures.

36372 1467 14th St; owner, Louie's Market; contractor, Clifford Electric; fixtures.

36373 3439 Hollis; owner, Atlas Pacific Eng Co; contractor, California Electric; motors.

36374 22nd and Market Sts; owner, Challenge Creamery; contractor, California Electric; 1 motor.

36375 3124 Hollis; owner, Bonner Newman; contractor, California Electric; motors.

36376 Foothill Blvd and Hillside; owner, Fisher Body; contractor, Pacific Electric Motor; alterations.

BERKELEY

807 946 Spruce; owner, Newton; contractor, South Berkeley Electric; 2 outlets; 1 switch.

808 2627 Channing; owner, B Peterson; contractor, Gardner Electric; 3 switches; 2 fixtures; 4 plugs.

809 1339 Sixth; owner, ...; contractor, Roberts Lighting Fixture Co; 8 outlets; 3 switches; 7 fixtures; 8 plugs; 4 circuits.

810 1902 Ashby; owner, Cannon; contratcor, Payne & Burks; 5 outlets.

811 917 The Alameda; owner, Dr K E Sleeper; contractor, F Schmitz Electric; 20 fixtures; 14 plugs.

812 2121 San Pablo; owner, A Bertelsen; contractor, Fred Schmitz; 13 outlets; 4 switches; 13 fixtures; 4 plugs; 4 circuits; 1 motor.

813 2826 Telegraph; owner, National Market; contratcor, College Ave Electric; 1 outlet; 1 switch; 1 fixture; 3 motors.

814 2635 Hillegass; owner, Gordon Rogers; contractor, College Ave Electric; 20 fixtures.

815 70 Oak Ridge; owner, Henry Swift; contractor, College Ave Electric; heater.

816 1843 Romane; owner, Charles West; contractor, College Ave Electric; 5 plugs; heater; rnage.

817 2251 Virginia; owner, Matt Holm; contractor, Aarvaks Heating; 1 motor.

818 1145 Gilman; owner, ...; contractor, Roberts Mfg; 6 outlets; 3 switches; 6 fixtures; 1 plug; 2 circuits.

819 1998 Shattuck; owner, Sam Neider; contractor, Roberts Lighting Fixture Co; 10 outlets; 5 switches; 5 plugs.

820 1920 Chestnut; owner, E Friedrickson; contractor, Walter Mork; 1 motor.

821 1601 Alcatraz; owner, W P W Market; contractor, Conrad Electric; 3 switches; 2 fixtures; 3 plugs; new service; 2 motors; 4 circuits.

822 2076 Ashby; owner, Ashby Laundry; contractor, Gardner Electric; 1 outlet; 1 switch; 1 plug.

Engineering Section

42— MISC. SUPPLIES AND MATERIALS

3/26/46 •• 42
BIDS POSTPONED

CENTRAL VALLEY PROJECT, California.—Until April 29, 2 P. M. (postponed from March 28), bids will be received by the U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Denver, Colo., under Spec. 1201 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Sacramento, Calif., at the option of the bidder, electrical equipment for the North and South Sacramento substations and Delta substation, Central Valley Project, California. No charge for copies of the specifications to prospective bona fide bidders; to others, $1.50, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colo.

3/26/46
BIDS OPENED

LOS ANGELES, Calif.—R. R. Hensler, 816 Allen Ave., Glendale, at $99,583, submitted the low bid to the Los Angeles Board of Public Works, 153 City Hall, Los Angeles, March 20, for the grading, paving and otherwise improving of Wilbur Ave., between the Los Angeles River and Linnet St., Los Angeles; a cash contract.

Total bids were:
R. R. Hensler, $99,583.
R. A. Wattson Co., $112,499.16.
Tomei Construction Co., $132,541.38.
Engineer's estimate, $114,516.50.

3/26/46 ••
NOTICE OF SALE

PORT HUENEME, Ventura Co., Calif.—Until April 1, 11 A. M., bids will be received by Salvage and Sales Office, Yard Operations Bldg., U. S. Naval Advance Base Depot, Port Hueneme, Calif., for the sale of hardware and nails, plumbing supplies, electrical supplies and miscellaneous equipment; Catalog B-1-46. Material may be inspected by contacting Leo Smith, gate No. 3, U. S. Naval Advance Depot, Port Hueneme, between 9 A. M. and 4 P. M., Monday through Friday.

3/26/46 •
CONTRACTS AWARDED

CENTRAL VALLEY PROJECT, California. — Rockwell Engineering Co., Chicago, Ill., at $6675.70, awarded contract on Schedule 1, and Standard Steel Spring Co., at $2471.60, awarded contract on Schedule 2 by the Bureau of Reclamation, Denver, Colo., March 20, for furnishing bulkhead gate guides, floor frames and plates for installation at Keswick dam and power plant, Central Valley Project; Invitation No. 83-272-A. The bids were received February 25.

3/26/46 •• 42
BIDS WANTED

CONCORD, Contra Costa Co., Calif.—Until April 4, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver 2, Colo., under Inv. A-49,069-A for furnishing 32,000 bbls. modified portland cement in paper sacks, f.o.b. shipping point and/or Concord, Delta Division, Central Valley Project, California.

Specifications obtainable from the above office.

3/26/46 •• 42
BIDS WANTED

ODAIR, Wash.—Until April 8, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver, Colo., under Inv. F-38,499-A for furnishing type B (deformed) reinforcement bars for concrete, grade 2 (intermediate, billet steel), f.o.b. shipping point and/or Odair, Wash., Grand Coulee machine shop, as follows:

(1) 1,000,000 lbs. base (¾-in. and larger), round and square bars, 50-ft. stock lengths;
(2) 14,000 lbs. ⅝-in. round bars, 40-ft. stock lengths;
(3) 325,000 lbs. ½-in. round bars, 40-ft. stock lengths;
(4) 40,000 lbs. ⅜-in. round bars ,40-ft. stock lengths.

Specifications obtainable from the above office.

3/26/46 •• 42
BIDS WANTED

CASPER, Wyo.—Until April 8, 2 P. M., bids will be received by the Bureau of Reclamation, Customhouse, Denver 2, Colo., under Inv. C-22,339-A-1 for furnishing western red cedar, southern yellow pine or Douglas fir poles, f.o.b. shipping point and/or Casper, Wyo.

Specifications obtainable from the above office.

3/26/46 •• 42
BIDS WANTED

BLAIR, Okla.—Until April 5, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Customhouse, Denver, Colo., under Bid No. A-36,893-A-1 for concrete reinforcement bars, f.o.b. shipping point and/or Blair, Okla., Altus canal and laterals.

Specifications obtainable from the above office.

3/26/46 •• 42
BIDS WANTED—TO BE OPENED APRIL 10, 2 P. M.
MATS

SAN FRANCISCO. U. S. Appraiser's Bldg.

Desk chair composition mats.

Owner—Federal Works Agency, Public Buildings Administration, office of the district engineer, 838 U. S. Appraiser's Bldg., San Francisco.

Plans and specifications obtainable from the above office of the district engineer.

43— MACHINERY AND EQUIPMENT

3/26/46 •• 43
COMPLETE BIDS

CENTRAL VALLEY PROJECT, California.—As previously reported, Western Pipe & Steel Co. of California, 200 Bush St., San Francisco, at $6030, submitted low bid to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1177 for furnishing and delivering four vertical 18,000-gallon welded plate steel oil storage tanks and two vertical 4000-gallon welded plate steel oil storage tanks for installation in Keswick power plant, Kennett Division, Central Valley Project, f.o.b. shipping point and/or Keswick.

The bids received were:

California Steel Products Co., f.o.b. Richmond, Calif., $8530; 81,040 lbs.; net.

Sacramento Pipe Works, f.o.b. Sacramento, $10,160; 53,000 lbs.; net.

Old Dominion Iron & Steel Corp., f.o.b. Richmond, Va., $11,986; 16,300 lbs. and 6560 lbs.; 1%; 10 days.

Berkeley Steel Construction Co., f.o.b. Berkeley, $8184; 79,400 lbs.; net.

Pacific Coast Engineering Co., f.o.b. Alameda, $9030; 11,500 lbs. first class; 60,000 lbs. fifth class; net.

Yuba Manufacturing Co., San Francisco, f.o.b. destination, ship Lancaster, Pa., $9982; 64,000 lbs. tanks; 12,600 lbs. iron steel; net.

Independent Iron Works, Ltd., f.o.b. Oakland, $11,750; 73,000 lbs.; net.

Stearns Rogers Manufacturing Co., f.o.b. Denver, $12,470; 74,000 lbs.; net.

Southwestern Engineering Co., f.o.b. destination, ship Los Angeles, $11,718; 72,500 lbs.; net.

Western Pipe & Steel Co. of California, San Francisco, f.o.b. Berkeley, $6030; 13,600 lbs. class 1; 56,000 lbs. unclassified; 100 lbs. class 1; net.

Lacey Manufacturing Co., f.o.b. Los Angeles, $8850; 75,000 lbs.; net.

American Pipe & Steel Corp., f.o.b. Alhambra, $10,112; 72,000 lbs.; net.

Pacific Car & Foundry, WIRE, f.o.b. Renton, $10,015; 72,000 lbs.; net.

Willamette Iron & Steel, WIRE, f.o.b. Portland, $7500; 14,000 lbs. tank; 68,000 lbs. tanks knocked down.

3/26/46 •• 43
BIDS POSTPONED

PARKER DAM PROJECT, Arizona-California.—Until April 10, 2 P. M. (postponed from March 27), bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1197 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Earp, Calif., one 69,000-volt, 600-ampere, 1,000,000-kv-a., 3-pole, single-throw, outdoor type oil circuit breaker for the Indian Service substation, Parker Dam Power Project, Arizona - California. The oil circuit breaker will be installed by the government. No charge for copies of the specifications to prospective bona fide bidders; to others, $0.75, not returnable.

3/26/46 • • 43
NOTICE OF SALE

SAN FRANCISCO.—Until April 8, 2 P. M., bids will be received by the U. S. Forest Service, 447 Sansome Street, under Bid No. 393 for sale of LeTourneau rippers located at Redding.

3/26/46 •• 43
BIDS WANTED

BOISE PROJECT, Idaho. — Until May 6, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1263 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Mountain Home, Idaho, five 72-inch, hollow-jet valves with valve controls, position indicators, intermediate shafts and couplings, anchor brackets and bolts, and erection equipment for installation in the outlet works at Anderson Ranch Dam, Boise Project, Idaho. The valves, controls and anchor brackets and bolts will be installed by the government. No charge for copies of the specifications to prospective bona fide bidders; to others, $1.25, not returnable.

3/26/46 •• 43
COMPLETE BIDS

BOISE PROJECT, Idaho.—As previously reported, Harnischfeger Corp., Milwaukee, Wis., at $6785, submitted low bid to the Bureau of Reclamation, Denver, Colo., under Spec. No. 1176 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Mountain Home, Ida., at the option of the bidder, one 15-ton, two-motor traveling crane for the government warehouse at Anderson Ranch Dam, Boise Project, Idaho. The crane will be installed by the government.

Harnischfeger Corp., Milwaukee, Wis., $6785; ship 320 days; 17,334 lbs.; f.o.b. Milwaukee; terms net.

Milwaukee Crane & Service Co., Cudahy, Wis., $6985; ship 230 days; 32,000 lbs.; f.o.b. Cudahy; terms ½% 10 days.

Moffett Manufacturing Co., Albany, $8470; ship 240 days; 20,200 lbs.; f.o.b. Oakland; terms net.

Euclid Crane & Hoist Co., Euclid, Ohio, $9400; ship 6-8 months; no weight given; f.o.b. Euclid; no terms given.

Cyclops Iron Works, San Francisco, $12,640; ship 240 days; no weight given; f.o.b. destination; terms net.

3/26/46 • • 43
LOW BIDDERS

GILA PROJECT, Ariz. — Peerless Concrete Pipe Corp., Santa Ana, Cal., at (1) $84,000; (2) $47,200 submitted low bid to the Bureau of Reclamation, Denver, under Spec. 1190 for furnishing and delivering 168,000 l.f. 14-inch inside diameter regular unreinforced concrete irrigation pipe, tongue and groove joint, 3-ft. laying lengths, and 16,000 units of 14-inch inside diameter reinforced concrete turnout headwalls for Yuma - Mesa predevelopment, Yuma-Mesa Division Gila Project, Ariz., fob storage yard, approx. 5 miles south of Yuma.

Second and third low bids follow:

Concrete Conduit Co., Colton, Cal., (1) $93,710.40; (2) $61,904.

Seattle Concrete Pipe Co. ,Seattle, (1) $95,760; (2) $62,880.

3/26/46 •• 43
CONTRACT AWARDED

CENTRAL VALLEY PROJECT, California.—Pacific Coast Engineering Co., Inc., Drawer E, Alameda, Calif., at $8400, awarded contract by the Bureau of Reclamation, Denver, Colo., March 20 for furnishing f.o.b. Alameda, Calif., three motor-operated valve-drive mechanisms and accessories for operating 57-in. butterfly valves now installed in the spillway section of the Shasta Dam, Kennett Division, Central Valley Project, California; Spec. 1150. Bids were received February 21.

3/26/46 •• 43
NOTICE OF SALE

SAN FRANCISCO.—Until April 18, 2 P. M., bids will be received by the U. S. Maritime Commission, Washington, D. C., for sale of 10 wood cargo barges recently declared surplus by the commission.

All of the barges are located in San Francisco. The barges come in three lengths: 183-ft. barges, White Pine (YC-1134) and White Pine V (YC-1136); 180-ft .barges, Pine Tree III (YC-1126), Hemlock (YC-1137), Douglas Fir III (YC-1165), Douglas Fir IV (YC-1166) and Douglas Fir V (YC-1167), and 178-ft. barges, Pine Tree IV (YC-1127), White Ash III (YC-1141) and White Oak II (YC-1143).

Prospective bidders may obtain copies of the invitation to bid No. 151 upon application to the officials listed below:

Director, Division of Small Vessel Procurement and Disposal, 4701 Commerce Bldg., Washington 25, D. C.

Assistant Pacific Coast Director, Cabrillo Theater Bldg., San Pedro, Calif.

Pacific Coast Director, 220 Bush St., San Francisco 4, Calif.

Port Representative, 601 Porter Bldg., Portland 4, Ore.

Acting Director, North Pacific Division, 1488 Dexter-Horton Bldg., Seattle 4, Wash.

3/26/46 •• 43
BIDS OPENED

HUNTERS POINT, San Francisco.—The following submitted bids March 25 to the U. S. Navy, Bureau of Yards and Docks, Washington, D. C., under Spec. 17301 for furnishing eight antifriction bearing overhead electric traveling cranes for the U. S. Naval Shipyard, Hunters Point.

Harnischfeger Corp., Milwaukee, Wis., (1) $165,025, (2) $9850, (3) $15, (4) no bid; (failed to furnish bid bond).

Judson-Pacific-Murphy Corp., San Francisco, (1) $182,900, (2) $782, (3) $20, (4) $950.

Moffett Manufacturing Co., Albany, (1) $184,500, (2) no bid, (3) $25, (4) $2200.

Victor Browning Co., Inc., Willoughby, Ohio, (1) $199,500, (2) $11,000, (3) $25, (4) $2000.

All bidders qualified their bids in regard to liquidated damages.

3/26/46 •• 43
BIDS WANTED

SHARP PARK, San Mateo Co., Calif.—Until April 9, 2 P. M., informal bids will be received by the Board of Park Commissioners, McLaren Lodge, Golden Gate Park, San Francisco, for conversion of one No. 1925 Pacific steam boiler from oil-fired to gas-fired unit at Sharp Park.

Specifications obtainable from the above office.

Classified Advertising

HELP WANTED

CONSTRUCTION SUPT. or FOREMAN for structural concrete jobs on highways, bridges and reservoirs. Man with crew preferred. State exp. and salary expected. Reply Box 325, c/o Daily Pacific Builder. to 3/29/46

Fully experienced FIRST CLASS DRAFTSMAN for substantial contemporary work. Mendelsohn, Dinwiddle & Hill, 233 Sansome St., San Francisco 4. (3/22-25-26-27-28/46)

DRAFTSMAN wanted. Apply to John Hudspeth, Architect, with samples of work. 427 13th St., Oakland. •

POSITION WANTED

JUNIOR ESTIMATOR, graduate Civil Engineer; Veteran; age 29; desires position with contractor. Reply Box 319, c/o Daily Pacific Builder.

CONTACT MAN. Available April 1st. Excellent connections with leading West Coast Contractors and Architects; 12 yrs. heavy construction exp. in field and management. Reply Box 328, c/o Daily Pacific Builder. to 3/29/46

LUMBERMAN—GRADUATE ENGINEER; 12 yrs. lumber production and distribution. Also experienced in heavy construction field work and estimating. Excellent connections Northwest Mills. Reply Box 327, c/o Daily Pacific Builder. to 3/29/46

DRAFTING SERVICE

Have us draft your ideas into detailed plans. East Bay Drafting Service, 1211 Stannage Ave., Berkeley 6, or 'phone Berkeley 7230-W. (to 4/1/46)

EMPLOYMENT SERVICE

For further information regarding positions listed under this classification address Newton D. Cook, Manager, Engineering Societies' Personnel Service, 57 Post St., San Francisco.

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Order Limits On All New Construction

PLANS and Speculations

Oakland: The DeLeuw, Cather proposal to solve the 12th street dam traffic bottleneck has received the "go ahead" sign from the city council and plans are being prepared by City Engineer Walter N. Frickstad.

oOo

Yreka: The city council has agreed to sell its share for $10 in a lot wanted for a veterans' memorial. The American Legion and Veterans of Foreign Wars are cooperating to build a joint clubhouse and hall on the site. The building will cost about $20,000.

oOo

Santa Clara: A deed to 48 acres of land, suitable for home sites, has been recorded here for Henry Kaiser. Sale price was reported to be $147,000.

oOo

Chico: Overcrowding at the Chico State College will be remedied when the million dollar building program, designed to accommodate 600 students, is completed. Only materials and labor shortage delay construction, President Aymer J. Hamilton said. Included in Chico expansion are a science annex, music and speech annex and other buildings totaling more than $750,000.

oOo

Reno: The Lyon building, already ruined by fire, may be razed according to plans revealed at the last city council meeting. It is owned by A. F. Winter and Barney Morris, of Portland, Oregon.

oOo

Carson: An additional 24 temporary housing units have been approved for this city, the Federal housing authority has announced. Arnold Millard, chairman of the local board, is in charge.

#

STRUCTURAL ENGINEERS REGULAR MEETING APR. 2

The Structural Engineers' Association of Northern California will meet Apr. 2 in the Engineers Club, 206 Sansome street, to discuss (1) collective bargaining and its relation to the engineering profession; (2) the progress of the publicity program for engineers; (3) and reports of special committees for review of the proposed San Francisco building code.

The group will assemble at 5:30 p. m., dinner will commence at 6:15, and the program of the evening is slated to start at 7:30.

Bids Opened for First Construction on $300,000,000 Project

PACIFIC NORTHWEST HISTORY WAS MADE at Coulee Dam when Bureau of Reclamation officials opened bids for the first construction work on the Columbia Basin Project of south central Washington where more than 300 million dollars will be spent to carry water to the 17,000 new farms. Sixteen firms submitted offers. Low bid with $619,000 by the Morrison-Knudsen Company, Inc., Seattle. Reclamation officials pointed out that Pacific Northwest pioneers launched their campaign for the big irrigation system and Grand Coulee Dam more than a quarter of a century ago. Shown here, left to right, are Assistant Supervising Engineer R. B. Wiliams; Irrigation Engineer H. A. Parker; Chief Clerk C. B. Funk; and Office Engineer F. J. Sharkey. This bid call was for two million cubic yards of earth and rock excavation for the main canal of the irrigation system. —(Bureau of Reclamation Photo)

HUGE PROJECT STARTS

Maj. Gen. Lewis A. Pick launched the 1½ billion dollar flood control program of the Missouri river basin last week when he turned the first shovelful of sod for a two-mile flood wall being built to protect Kansas City.

COST ACCOUNTANTS DISCUSS SUGAR COSTS

"Sugar Refinery Accounting" was the topic last night at the dinner of San Francisco chapter, National Association of Cost Accountants held in the Engineer's Club.

Speaker of the evening was Bert E. Brown, accountant of J. D. & A. B. Spreckels company, and member of N.A.C.A. He reviewed the methods of sugar manufacture from sugar beets and elaborated on the cost accounting system used.

Sugar, the only food product under ation, is still a problem to the manufacturer as well as to we, the people, Brown stated.

#

SECOND SPAN PLANS PREDICTED THIS YEAR

Recommendations for the location of a second Bay Bridge span will be in the hands of the Toll Bridge Authority before the end of 1946, Public Works Director C. H. Purcell announced Monday.

Preliminary design studies are well advanced, he said. When economical span lengths are determined and pier locations are more definite, test borings will be undertaken, Purcell pointed out.

To Sell 48 Wood And Steel Barges

Competitive sealed bids will be opened on 48 wood and steel barges at 2:30 P.M. (EST) Apr 22, in Washington, D. C., by the U. S. Maritime Commission.

Twenty-five of the barges, 104 feet long, bolted and welded steel, are located at Fort Mason, San Francisco. Eight are at Wilmington, Calif., and one at Seattle.

Inspection of the barges at Ft. Mason may be made upon application to Superintendent, Water Division, Army Port of Embarkation; at Wilmington, Superintendent, Water Division, Los Angeles Port of Embarkation, and at Seattle, Superintendent, Water Division, Army Port of Embarkation.

GROOVER AND I

HOMEBUILDERS

First, a congratulation to Architect George R. Klinkhardt of Berkeley, upon winning a $1,000 prize in a National Home Design contest sponsored by the Chicago Tribune. The winning design is for a spacious two-bedroom home for a 30-foot lot.

★ ★ ★

AN IDEA:

San Francisco has a hereditary curse of 25-foot lots. This cannot be changed in established districts. Wider lots in new sub-divisions would force the cost of homes above the price-range where they are most urently needed.

★ ★ ★

I have long maintained that San Francisco has the highest grade group of Homebuilders to be found anywhere in this Nation. Our local Builders are tops, but perhaps there is one idea they haven't yet tried:

★ ★ ★

Why not the Homebuilders sponsor an architectural competition for a post-modern type of home to be built on a 25-foot lot?

★ ★ ★

By new design, I am not meaning merely to slap a few panels of plastic and bars of chromium on the same old blueprint—but to take a new sheet of paper and design an entirely new and modern factory dedicated to the art of living—avoiding the freakish and bizarre—but utilizing all that is modern, up-to-date, labor-saving, and comfort-giving.

★ ★ ★

Make the contest worthwhile. So long as it doesn't cost me anything to spend the Homebuilders money, I would suggest "win, place and show" of $25,000, $15,000, and $10,000.

★ ★ ★

If this idea is taken seriously and made worthwhile, it would prove not only profitable to the Home Building Industry but also of lasting benefit to San Francisco and the San Franciscans these homes would shelter.

Non-essential Building and Repairs Curbed To Spur 2,700,000 'Vet' Homes

MARCH 26.—To channel critically needed building materials into veterans home construction the government today issued an order banning new construction and repairs of virtually all types of buildings.

Aim of the order is to insure construction of 2,700,000 veterans homes by the end of 1947 through eliminating non-essential building and repairs.

All new commercial and industrial buildings, which may be permitted, must be approved by the government, the order issued by Civilian Production Administrator John D. Small, and Federal Housing Expediter Wilson Wyatt, said.

The order applies in the entire United States, Puerto Rico and the Virgin Islands, and may later be extended to Hawaii and Alaska.

Construction work presently underway is permitted to continue but work must be taking place today, or materials incorporated in the structure.

LOCAL COMMITTEE APPROVAL

Committees composed of local citizens will be set up in 71 cities throughout the country to rule on the question of whether government approval shall be granted the repair or construction. Applicants may appeal decisions to the CPA or Federal Housing Administration. Persons desiring to begin work prohibited by the order should file with local offices of the FHA or CPA.

Work done on roads, streets, sidewalks, railway tracks, which include street railways, fences, silos, bridges, tunnels, subways, pipe lines, power lines, sewers, surface or underground mines, wells, dams or canals, is excepted from the order.

In addition, military construction and veterans projects are not stopped by the order, and disaster repairs to buildings may be permitted.

ORDER PROHIBITS

The order specifically bans the following unless approved by the government:

1. **Construction of or repair work in excess of $400 on houses, including farmhouses or other property on residential property designed for occupancy of less than six families.**
2. **Construction or repair jobs of $1,000 or more on hotels, resorts, apartment houses or other residential buildings designed for occupancy of six families or more.**
3. **Work in excess of $1,000 on commercial or service establishments such as offices, stores,** garages, theaters, warehouses, radio stations, and gas service stations.
4. **Jobs costing more than $1,000 on farm buildings.**
5. **Work in excess of $1,000 on churches, hospitals, schools, public buildings and charitable institutions.**
6. **Jobs costing more than $15,000 in virtually all industrial and commercial buildings, plants or factories.**
7. **Work in excess of $200 on virtually any other type of building.**

#

C of C Urges Sale Of Geneva Steel

Earliest possible sale of the Government-owned steel plant at Geneva, Utah, was urged yesterday by the Board of Directors of the San Francisco Chamber of Commerce upon recommendation of the Chamber's Manufacturers Committee and Iron and Steel Section.

Opening of bids for the disposal of the Geneva steel plant had been originally scheduled form Mar. 1, subsequently deferred until April 1, and more recently postponed to May 1.

In urging immediate sale of the plant, the Board reaffirmed the position taken previously by the Western States Council in advocating earliest possible sale to the highest responsible bidder, a disposal price consistent with prospective earning power and the establishment of a pricing policy by the favorable bidder that would assure supplies of steel for western fabricators under competitive conditions.

"Operation of the Geneva Steel plant by private enterprise is needed immediately to provide western steel users with additional supplies from western sources," declared Alfred H. Meyer, chairman of the Chamber's Industrial Development committee.

"Annexation of this new source of supply would assure western fabricators of a continuous flow of steel to satisfy the demands of the rapidly growing western market."

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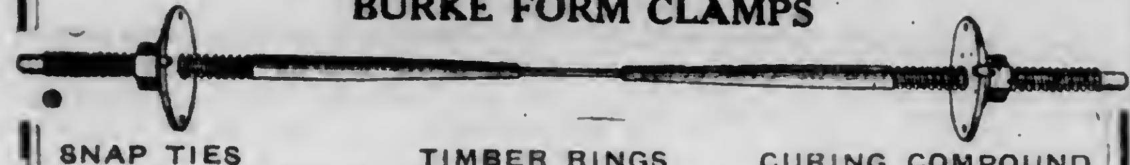

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BUILDING SECTION

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For convenient reference, news reports in this section are classified as follows:

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Social, Recreational Bldgs. 20-21
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1-8—COMMERCIAL BLDGS.

3/27/46 •• 2
BIDS WANTED

SAN DIEGO, Calif.—Until April 5, 11 A. M., bids will be received by the U. S. Navy, Public Works Department, 11th Naval District, 1220 Pacific Highway, San Diego, for the removal of paint from the exterior and interior of the glass in the doors and sash, and for the painting of steel doors and windows and all structural steel framing in connection therewith; also miscellaneous minor repairs to hangar doors and replacement of broken glass; Spec. No. 17648. Bidding information may be obtained on application to the office in charge of construction, Public Works Department, U. S. Navy, 1220 Pacific Highway, San Diego 30, Calif. Deposit of check or postal money order for $10, payable to the Chief of the Bureau of Yards and Docks, is required as security for safe return of each set of bidding data.

3/27/46 •• 4
WORKING DRAWINGS COMPLETED
MEDICAL BUILDING AND FLATS Cost, $40,000
SAN FRANCISCO. Corner Powell and Jackson.
Construction of two-story and basement class C medical building and flats.
Owner—Charlie Louie & Sons.
Architect—Francis Lai Chinn, 622 Washington St.

3/27/46 • • 6
BIDS WANTED
STORE AND APTS.
SAN JOSE, Santa Clara Co., Calif. Bascom Street.
Construction of two-story reinforced concrete building (100x110 ft.) to contain three stores, market and five apartments.
Owner—Withheld.
Architect—Ralph Wyckoff, Santa Clara and Market Sts., San Jose.

No definite bid opening date has set.

3/27/46 • • 3
CONTRACT AWARDED
STORAGE BUILDING Contract Price, $24,600
SACRAMENTO, Sacramento County, Calif. 23rd and "S" Streets.
Construction of one-story heavy mill type storage building 80x160 feet), with corrugated aluminum exterior.
Owner—Carl Fiedler, 1108 43rd Street Sacramento.
Architect—Leonard F. Starks, 416 Native Sons' Bldg., Sacramento.
Contractor—Chas. F. Unger, 2426 7th Ave., Sacramento.

3/27/46 •• 3
CONTRACT AWARDED
WAREHOUSE Cost, $28,000
SANTA CLARA, Santa Clara Co., Calif.
Construction of frame warehouse building (100x100 ft.), metal sides, steel sash, composition roof, etc.
Owner—Ralston-Purina Co., St. Louis, Mo.
Engineer—R. Howard Annin, 816 W. 5th St., Los Angeles.
Contractor—E. S. McKittrick Co., 610 16th St., Oakland 12.

3/27/46 •• 4
BIDS OPENED
SAFETY WINDOW BOLTS
ALAMEDA, Calif.
Furnish, install and finish safety window bolts for office building, A.A.F. Pacific Overseas Depot, Alameda; Serial No. 04-203-46-8.
Owner—U. S. Engineer Office, 74 New Montgomery St., San Francisco.
Plans by owner.

Complete bids were:

Chas. E. Waite, 666 Mission St., San Francisco, (1) $2136.32, (2) $14.88, (3) $119, (5) $7.88; total bid, $2017.28.

Whalin Bros., Oakland, (1) $2359.44, (2) $8.96, (3) $73.68, (4) $8.96; total bid, $2285.76.

3/27/46 • 2
NEGOTIATING CONTRACT
WAREHOUSE and WASH RACK Estimated Cost, $18,000
SACRAMENTO, Sacramento County, Calif. 19th and Broadway.
Construction of 50x80-ft. warehouse and wash rack in rear of showroom, offices, etc.
Owner—Withheld.
Architect—Herbert E. Goodpastor, Mitau Bldg., Sacramento.
Contractor—Stolte, Inc., 8451 San Leandro St., Oakland.

3/27/46 • 8
CONTRACT AWARDED
SHOWROOM, ETC. Est. Cost, $85,000
SACRAMENTO, Sacramento County, Calif. 19th and Broadway.
Construction of reinforced concrete building (116x144 ft.) to contain showroom, office, parts department, tractor repair department.
Owner—Withheld.
Architect—Herbert E. Goodpastor, Mitau Bldg., Sacramento.
Contractor—Stolte, Inc., 8451 San Leandro St., Oakland.

3/27/46 •• 2
BIDS WANTED—TO CLOSE APRIL 1, 4 P. M.
ELECTRICAL WORK
OAKLAND, Alameda County, Calif. Oakland Municipal Airport.
Construction of electrical work in addition to hangar 2D.
Owner—Oakland Port Commission, foot of Grove St., Oakland.
Plans by owner.

Specifications obtainable from the above office.

3/27/46 •• 7
PREPARING PLANS
SHOP AND APARTMENTS Estimated Cost, $45,000
SAN MATEO COUNTY, Calif.
Construction of two-story reinforced concrete and frame, stucco and corrugated transite building to contain florist shop on first floor and two 5-room apartment on second floor; 3-unit central heating system, refrigeration system, 5-ply built-up roof.
Owner—Withheld.
Architect—Oscar R. Thayer, 1257 Cabrillo Ave., Burlingame.
Structural Engineer—John H. Blume, 68 Post St., San Francisco.

3/27/46 •• 4
BIDS WANTED—TO BE OPENED MARCH 28
OFFICE AND WAREHOUSE Approximate Cost, $60,000
FRESNO, Fresno County, Calif.
Construction of brick and concrete office and warehouse.
Owner—F. N. Rumbley, Fresno.
Architect—H. Rafael Lake and William Hastrup, associate, Patterson Bldg., Fresno.

3/27/46 •• 8
PREPARING WORKING DRAWINGS
ALTER SHOP
SAN FRANCISCO. 51 Stockton St.
Remodel and redecorate two-story wood frame shop building.
Owner—Knit Kraft Sportswear, 51 Stockton St.
Architect—Michael Goodman, 2161 Shattuck Ave., Berkeley.

3/27/46 • • 6
BIDS REJECTED
STORE BLDG. Est. Cost, $20,000
WATSONVILLE, Santa Cruz Co., Calif. 1046 Main Street.
Construction of 1-story reinf. conc. store building (97x116), arch roof, steel truss.
Owner—Watsonville Western Elec. Co., c/o John Antich, 319 Manor Ave., Watsonville.
Architect—C. J. Ryland, Box 847, Monterey.

Bids submitted by Tom Rosewall, Watsonville, $22,000, and Cunningham & Wells, $20,400, were rejected. New bids will be asked shortly.

3/27/46 •• 4
BIDS WANTED

BURLEY, Idaho.—Until April 23, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Burley, Idaho, under Spec. 1234 for the construction of office building at Burley, Idaho, Minidoka Project, Idaho. The work is situated at Burley, Idaho.

The principal items of work and the estimated quantities involved are as follows:

(1) 400 cu. yds. excavation, all classes
(2) 70 cu. yds. concrete in foundation, walls and footings;
(3) constructing one (1) office building, except excavation and concrete in foundations, walls and footings.

No charge to prospective bidders for copies of the specifications and drawings; to others, $2.50 per copy, not returnable.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo.; R. J. Newell, regional director, P. O. Box 937, Reclamation Bldg., Fairgrounds, Boise, Idaho; S. R. Marean, superintendent, Burley, Idaho, and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the superintendent.

3/27/46 • • 6
BIDS OPENED
FACTORY BUILDING
SOUTH SAN FRANCISCO. San Mateo County, Calif.
Construction of a reinforced concrete factory building and offices.
Owner—N Rothman, c/o engineer.
Engineer—Myron C. Gould Associates, 701 Sansome St., San Francisco.
Low Bidder—R. A. Cullen, 478 Jackson St., San Francisco, $244,680.

Other bidders were:

Radimann - Giusto, San Francisco, $247,700.

Carrico & Gautier, S. F., $252,851.

Empire Constr. Co., S. F., $258,516.

M. & K. Corp., S. F., $262,500.

M. J. King, Inc., S. F., $265,247.

Erbentraut & Summers, San Francisco, $265,250.

Transwestern Const. Co., San Francisco, $265,570.

A. Farnell Blair, S. F., $279,500.

11—HOSPITALS

3/27/46 •• 11
PREPARING WORKING DRAWINGS
HOSPITAL BUILDING Cost, $350,000
SANT AROSA, Sonoma County, Calif. Santa Rosa Community Memorial Hospital.
Construction of reinforced concrete hospital building to contain 75 beds, steam heat, composition roofing, etc.
Owner—City of Santa Rosa, City Hall, Santa Rosa.
Architect—Clarence Caulkins, Rosenberg Bldg., Santa Rosa.

12-13—INDUSTRIAL BUILDINGS

3/27/46 •• 12
PLANS BEING FIGURED

LONG BEACH, Los Angeles Co., Calif.—Standard Gypsum Co. of California, 1301 Water St., Long Beach, is taking general contract bids from a selected list of contractors for the construction of a new two-story factory building, new steam plant, new trestle driveway to dock, alter storage building and construct a two-story addition to existing building used for calcining and bagging gypsum at 1301 Water St., Long Beach, for selves; estimated cost, $280,500. Bids are to be submitted Saturday, March 30.

3/27/46 •• 43
COMPLETE BIDS

CENTRAL VALLEY PROJECT, California.—The following submitted bids to the Bureau of Reclamation, Denver, Colo., for furnishing and delivering f.o.b. cars at Redding, Calif., at the option of the bidder, one operating unit with control equipment, and one lot of plat-steel inlet and discharge pipes for a 72x93-in. horizontal jet pump for the fish trap at Keswick Dam, Central Valley Project; Spec. No. 1163.

Southwest Welding & Manufacturing Co., Alhambra, Calif., Item 3, $6434; ship 180 days; 42,000 lbs.; f.o.b. Alhambra; terms ½% 10 days.

Consolidated Steel Corp., Los Angeles, Item 3, $7925; shipping days not given; 49,000 lbs.; f.o.b. Los Angeles; terms net.

Pacific Coast Engineering Co., Alameda, Calif., Item 3, $8870; ship 180 days; 45,000 lbs.; f.o.b. Alameda; terms net.

Lacey Manufacturing Co., Los Angeles, Item 3, $8970; ship 150 days; 50,000 lbs.; f.o.b. Los Angeles; terms net.

U. S. Pipe & Manufacturing Co., San Francisco, Item 3, $13,800; ship 180 days: 45,000 lbs.; f.o.b. South San Francisco; terms 1% 20 days.

3/27/46 ••
CONTRACT AWARDED
MEDICAL-DENTAL BUILDING
SAN FRANCISCO. Geary St. and 14th Ave.
Construction of two-story frame and terra cotta building to contain store on first floor and offices on second floor.
Owner—John Coakley, c/o architect.
Architect—Leonard S. Mosais, 255 California St., San Francisco.
Contractor—A. J. Hopper Co., 243 Langton St., San Francisco.

14-17—PUBLIC BLDGS.

3/27/46 • • 15
NEW BIDS WANTED—TO BE OPENED APR. 8, 11 A. M.
ALTER COURTHOUSE
SAN RAFAEL, Marin County, Calif.
Construction of the following work at the courthouse:
(1) waterproofing of the portico column bases, seams in slab and brick work under steps;
(2) refinishing cell under west end of portico;
(3) refinishing men's toilet under east end of portico;
(4) adjustments to heating system and the installation of a ventilating system in identification office.
Owner—Marin County Board of Supervisors, Geo. S. Jones, county clerk, courthouse, San Rafael.
Engineer—Carl W. Zollner, Ross.

Plans and specifications obtainable from the office of the county clerk.

Only bid submitted March 11 by Martinelli Const. Co., 44 Mary St., San Francisco, at $3,100, was rejected.

3/27/46 •• 15
PROSPECTIVE BIDDERS
FIRE DRILL TOWER
ALAMEDA, Alameda County, Calif. Bay Farm Island.
Construction of fire drill tower.
Owner—City of Alameda, City Hall, Alameda.
Architect—Kent & Hass, 525 Market St., San Francisco.

As previously reported, bids close April 2, 8:05 P. M.

Specifications obtainable from the office of the city clerk, City Hall, Alameda, upon deposit of $25.

The following contractors have taken out plans:

Royal R. Randall, 5820 Morse Dr., Oakland.

Stolte, Inc., 8451 San Leandro St., Oakland.

3/27/46 ••
BIDS POSTPONED UNTIL MAR. 28
OFFICE BUILDING Approximate Cost, $75,000
SALINAS, Monterey County, Calif. Owner's site.
Construction of six separate 1-story frame and stucco office buildings.
Owner—Shippers' Development, Inc., 101 Highway, South Salinas.
Architect—Chas. E. Butner, 7 Winham St., Salinas.

Bid opening date postponed from March 25.

The following contractors have taken out plans:

Stolte, Inc., Cassanova Ave., Monterey.

Pacific Builders, 312 E. Alisal, Salinas.

Vern R. Huck, 3021 Rowena Ave., Los Angeles.

F. V. Hampshire, 103 Nacional St., Salinas.

3/27/46 •• 15
CONTRACT AWARDED
PARTITIONS, ETC. Cont. Price $5332
SAN FRANCISCO. Appraiser's Bldg.
Construction of movable cement asbestos panel partition and acoustical treatment, etc., at U. S. Appraiser's Bldg.
Owner—Federal Works Agency, Public Buildings Administration, office of the district engineer, 838 U. S. Appraiser's Bldg.
Contractor—Patrick M. Sofarelli, 20337 Anita Ave., Hayward.

20-21—SOCIAL AND RECREATIONAL BLDGS.

3/27/46 •• 20
BIDS WANTED

ODAIR, Wash.—Until April 9, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver 2, Colo., under Inv. F-38-490-A for type B deformed reinforcing bars for concrete, f.o.b. shipping point and/or Odair, Wash., as follows:

(1) 9,500,000 lbs. base (¾-inch and larger) ground and square bars, 50-ft. stock lengths;
(2) 250,000 lbs. ⅝-inch round bars, 45-ft. stock lengths;
(3) 250,000 lbs. ½-inch round bars, 45-ft. stock lengths.

Specifications obtainable from the above office.

22-26—RESIDENTIAL BUILDINGS

3/27/46 • 24
PLANS COMPLETED
RESIDENCE Est. Cost, $17,500
SAN MATEO COUNTY, Calif. Felton Gables.
Construction of two-story frame and stucco residence (3 bedrooms, 2 baths), central heating system, split shingle roof, tile terrace, two-car garage.
Owner—Arthur J. Lustig.
Architect—Oscar R. Thayer, 1257 Cabrillo Ave., Burlingame.

3/27/46 •• 26
BIDS OPENED
DISMANTLE HOUSING, ETC.
ALAMEDA, Calif.
Dismantling, demolition and removal of partially completed housing at the A.A.F. Intransit Depot, Alameda; Serial No. 04-203-46-7.
Owner—U. S. Engineer Office, 74 New Montgomery St., San Francisco.
Plans by owner.

Complete bids were:

J. P. Ballinger (will pay government) $107.

H. Marsch (will pay government) $1000, (1) $3697, (2) $2252.50; total, $4949.50.

Haas Construction Co., (1) $4200, (2) $1790 total, $15,959.

Whalen Bros., Oakland, (will pay government) $1989, (1) $3880, (2) $1630; total, $7499.

Coombs Bros., (1) $1500, (2) $1400; total, $2390.

Geo. Peterson, (1) $3335, (2) $2000; total, $5915.

Chas. J. Harney, (1) $3000, (2) $5250; (3) $1380; total, $10,630.

Peter Sorensen (will pay government) $5, (1) $4000, (2) $1985; total, $5995.

R. Ranedell, (1) $4166, (2) $3200; total, $9166.

J. Henry Harris, (1) $952, (2) $6525, (3) $1332; total, $8809.

3/27/46 • 24
PREPARING WORKING DRAWINGS
RESIDENCE Est. Cost, $15,000
SACRAMENTO, Sacramento County, Calif. Sierra Oaks Vista.
Construction of one-story frame and brick veneer residence (6 rooms, 2 baths), wood siding, oil heating, wood sash.
Owner—Frank Fay.
Architect—Herbert E. Goodpastor, Mitau Bldg., Sacramento.

3/27/46 • 24
PREPARING PLANS
RESIDENCE
SACRAMENTO, Sacramento County, Calif. Fair Oaks Blvd.
Construction of one-story residence (6 rooms), brick veneer with tile roof, oil heat, 2 tile baths.
Owner—M. C. Brines.
Architect—Herbert E. Goodpastor, Mitau Bldg., Sacramento.

3/27/46 • 24
PREPARING PLANS
RESIDENCE Est. Cost, $35,000
WALNUT GROVE, Sacramento Co., Calif.
Construction of one-story reinforced concrete and brick residence (7 rooms, 3½ baths), separate servants' quarters.
Owner—Mrs. A. M. Jongenell.
Architect—Herbert E. Goodpastor, Mitau Bldg., Sacramento.

3/27/46 •• 22
PREPARING PLANS
MOTEL Cost, $185,790
SACRAMENTO COUNTY, Calif. Colonial Heights.
Construction of brick and tile motel and office building, grocery store, drive-in market, etc.
Owner and Builder—H. C. Houtman, Route 4, Box 4257, Dewey Ave., Sacramento.
Architect—C. N. Franklin, 1739 9th Ave., Sacramento.

3/27/46 •• 23
PREPARING WORKING DRAWINGS
APARTMENT HOUSE
BERKELEY, Alameda County, Calif. Ellsworth St.
Construction of 10-unit frame and brick apartment dwelling.
Owner—E. Baumann, c/o architect.
Architect—Michael Goodman, 2161 Shattuck Ave., Berkeley.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Water Supply and Sewage Disposal Plants 31-32
Bridges 33
Dams, Reservoirs and Dredging 34
Docks, Piers & Harbors 35
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Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

3/27/46 66 31
BIDS WANTED

FORT PECK, Mont.—Until April 8, 10 A. M., bids will be received by the U. S. Engineer Office, Fort Peck, Mont., for drilling relief wells at the downstream toe of the Fort Peck Dam, Montana; Serial 46-21. The project involves the drilling of 16 wells for the relief well system along the downstream toe of the dam and will include, together with all appurtenant parts and accessories, the installation of all required pipe casing, pipe casing screen sections and all pipe, valves and fittings required for the transition facilities. The site of the work is on the Missouri River at the damsite, approximately 19 miles southeast of Glasgow, Mont., McCone and Valley counties.

3/27/46 • • 32
PLANNED

FAIRFIELD, Solano Co., Calif.—City Engineer John Burnham has been authorized to draw plans for installation of sewage disposal plant and catchbasin, at a cost of approximately $30,000 for the City of Fairfield.

3/27/46 • • 31
BOND ELECTION

NAPA, Napa Co., Calif.—City of Napa will vote May 28 on a proposal to issue bonds in the amount of $1,750,000 to finance construction of a pipeline from Conn Dam to the city of Napa. Plans by A. Kempkey, consulting engineer, Balboa Bldg., San Francisco.

33—BRIDGES

3/27/46 •• 33
NEW BIDS WANTED

MARIN COUNTY, Calif.—Until April 8, 10 A. M., bids will be received by the Marin County Board of Supervisors, George S. Jones, county clerk, Courthouse, San Rafael, for construction of 2-span timber pile bridge with timber deck and wing walls on Muir Woods Road No. 399.

Specifications obtainable from the county engineer, Courthouse, San Rafael.

Only bid received March 25 was rejected.

34—DAMS, RESERVOIRS &

3/27/46 • • 34
BIDS POSTPONED

ALTUS PROJ., Okla.—Until April 15, 10 A. M. (postponed from Apr. 3) bids will be received by the U. S. Bureau of Reclamation, Altus, Okla., under Spec. 1182 for construction of earthwork and structures, West Canal laterals W-6.2 to W-11.5 and sublaterals, Blair laterals and sublaterals, Altus Project, Okla. The work is situated in the vicinity of Blair, Okla.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, Chief Engineer, U .S. Customhouse, Denver 2, Colo.; W. R. Nelson, Regional Director, P. O. Box 1609, Oliver-Eakle Building, 6th and Polk Streets, Amarillo, Texas; H. E. Robbins, Constructing Engineer, Altus, Okla.; and Michael W. Straus, Commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the Constrution Engineer.

No charge for specifications to prospective bidders; to others, $2.50, not returnable.

3/27/46 • • 34
PROSPECTIVE BIDDERS

SUISUN, Solano Co., Calif.—Following contractors have taken out plans for dredging to enlarge Suisun Channel, for which bids will be opened April 25, 2 P. M., by the U. S. Engineer Office, Wright Building, Sacramento:

San Francisco Bridge Co., 502 Market St., San Francisco.

Olympian Dredging Co., 525 Market St., San Francisco.

American Dredging Co. 1419 Broadway, Oakland.

Franks Dredging Co., 260 California St., San Francisco.

Hydriulac Dredging Co., Ltd., 1221 Central Bank Bldg., Oakland.

Healy - Tibbitts Constr. Co., 1100 Evans Ave., San Francisco.

Standard Dredging Corp.. 800 Central Bldg., Los Angeles.

Puget Sound Dredging & Bridge Co., eSattle.

William Pierce, Suisun.

Construction Aggregates Corp., 503 Market St., San Francisco.

A. S. Dutra, 255 California Street, San Francisco.

Pacific Bridge Co., 333 Kearny St., San Francisco.

Delta Dredging Co.. Pittsburg.

3/27/46 • • 34
BIDS WANTED

SACRAMENTO, Calif.—Until April 16, 2 P. M., bids will be received by the U. S. Engineer Office, Wright Bldg., Sacramento, under Spec. 1216 for levee construction and pumping plant at Brytes Bend, West Levee, Sacramento River.

Work involves:

(1) 55,600 c.y. excav.;
(2) 2800 M. gals. water for compaction and sprinkling;
(3) 1,000 tons crushed rock surf. in place;
(4) 20 roller hours compaction rolling, 1 power roller;
(5) 1 lump sum pumping unit and supporting timber struc., C M pump house, walkway, concrete footings and dolphin piling;
(6) 225 l.f. 24-in. soil-proofed steel pipe ⅝-in. wall thickness;
(7) 1 24-in. slide headgate;
(8) 1 bolted type coupling for 18-in. soil-proofed steel pipe;

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Warehouse and Office, Firebrick Supply, 18th and Indiana Streets, San Francisco; Bids open March 27, 3:00 P. M.
A. J. Hopper Co., 243 Langton St., San Francisco (MArket 7070)
M. J. King, Inc., 231 Franklin St., San Francisco (UNderhill 8209)

Office and Lab. Bldg. and Industrial Relations Bldg., California Research Corp., Richmond; Bids open April 12
E. S. McKittrick Co., 610 16th Street, Oakland (TWin Oaks 5070)
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)
Barrett & Hilp, 918 Harrison Street, San Francisco (DOuglas 0700).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

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Engineering is now being completed for streets, sewers and water system; work is scheduled to start during May of this year.

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Comar Engineering Co., 111 New Montgomery St. Phone YUkon 1925.

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CONTRACTORS . . .
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(11) 1 10-inch butterfly valve;
(12) 2 CM cutoff wall for 24-in. steel pipe;
(13) 1 1-inch hose gate valve;
(14) 1 surge chamber;
(15) 1 remove and save 18-in. x 145-ft. iron pipe and 10-in. x 115-ft. iron pipe, remove 24-in. x 32-ft. concrete pipe, Station 31 plus 80;
(16) 1 remove and waste 6x12x19-ft. conc. discharge box Sta. 31 plus 80;
(17) 1 remove and save 30-in. x 180-ft. iron pipe, Sta. 33 plus 80;
(18) 1 remove and waste 24-in. x 240-ft. conc. pipe bet. Stations 31 plus 80 and 33 plus 80;
(19) 1 remove and waste concrete pump house, Sta. 34 plus 00;
(20) 3,100 s.y. remove exist. highway pavement;
(21) 1,100 l.f. remove and reconstruct existing fence.

Plans are being furnished the following contractors:

W. G. Davis, 935 Forum Building, Sacramento.
R. A. Farish, 50 Hawthorne St., San Francisco.
Guy F. Atkinson Co., Orange and Railroad Aves., South San Francisco.
N. M. Ball Sons, Box 430, Berkeley.
E. B. Bishop, Orland.
Bressi & Bevanda Constructors, 417 S. Hill St., Los Angeles.
Case Constr. Co., Berth 109, Box 6, San Pedro.
T. E. Connolly, Inc., 461 Market St., San Francisco.
Hubert H. Everist, 604 Mission St., San Francisco.
Mike Halfitano & Son, 379 E 3rd St., Pittsburg.
Morrison-Knudsen Co., 111 Sutter St., San Francisco.
Geo. E. France, 1509 College Ave., Visalia.
Harms Bros., Route 4, Box 2220, Sacramento.
S. A. Marshall, 2653 13th St., Sacramento.
H. Earl Parker. 12th and F Sts., Marysville.
J. R. Reeves, Box 1072, Sacramento.
A Teichert & Son, Box 1133, Sacramento.
F. P. Basler, 750 Natoma St., San Francisco.
W. E. Funk, Stockton.
Patterson & Ryder, Stockton.
Claude C. Wood, Box 599, Lodi.
Geo. Pollock Co., Forum Building, Sacramento.
Geo. E. Murray, 1702 E Mariposa Road, Stockton.
Staring & Galbraith, 218 College Ave., Modesto.
Archie L. Till, Yuba City.
Peter Kiewit Sons Co., 442 Post St., San Francisco.
A. C. Goerig Constr. Co., 550 Lucerne St., Los Angeles.
Winston Bros. Co., Box 759, San Bernardino.
L. A. and R. S. Crow, 4756 Valley Blvd., Los Angeles.
Fredrickson & Watson Constr. Co., 873 81st Ave., Oakland.
Fredrickson Bros., 1259 65th St., Emeryville.
Piombo Bros. & Co., 1571 Turk St., San Francisco.
Guerin Bros., 208 S. Linden Ave., South San Francisco.
Clyde W. Wood, 816 W 5th Street, Los Angeles.
George F. French, Jr., Box 307, Stockton.
R. A. Westbrook, 1331 C St., Sacramento.
J. E. Haddock, Ltd., 3538 E Foothill Blvd., Pasadena.
Louis Biasotti & Son, 40 W Clay St., Stockton.
Gunnar Corp., 5575 Valley Blvd., Los Angeles.
J. P. Breen, Box 183, Sacramento.
F. E. Young, 599 Colusa Ave., Berkeley.
C. Dudley DeVelbiss, Eastshore and Huntington Ave., Richmond.

35— DOCKS, PIERS & HARBORS

3/27/46 •• 35

BIDS WANTED

EUREKA, Humboldt Co., Calif.—Until April 9, 11 A. M., bids will be received by the Chicago Bridge & Iron Co., N. M. Burdick, resident manager, P. O. Box 1022, Eureka, for (1) restoration of site, Area A, consisting of the removal of and disposition of various waterfront and shipbuilding facilities, including timber sheet-pile cofferdams, mooring dolphins, an outfitting dock and various shipways and miscellaneous structures, and (2) restoration of site, Area B, consisting of removal of and disposition of various site facilities, including 20 or more frame buildings, timber prefabrication slabs, fences and miscellaneous structures.

Specifications obtainable from the Chicago Bridge & Iron Co., foot of Washington St., Eureka.

38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

3/27/46 •• 38

BIDS WANTED

MUROC, Kern Co., Calif. — Until April 8, 1 P. M., lump sum bids will be received by the U. S. District Engineer Office, 751 S. Figueroa St., Los Angeles, for the modification of a 33,000-volt primary line by constructing a pad-mounted switching station and extension of underground circuits and miscellaneous appurtenant work at Muroc Army Airfield, Muroc, Kern Co., Calif; Serial 155.

3/27/46 • • 38

NEW BIDS WANTED— TO CLOSE APR. 10, 7:30 P. M.

FLOODLIGHT FIELD

RED BLUFF, Tehama County, Cal.
Red Bluff Union High School.

Furnish and install all structures and fixtures necessary to provide system of floodlighting for athletic field. Work will consist of a system of 8 tubular steel poles, 100 floodlights with the necessary underground conduit, auxiliary wiring and control switches.

Owner—Red Bluff Union High School Dist., Fred H. Weeks, clerk, Red Bluff Un. High School, Red Bluff

Plans by owner.

Plans obtainable from the principal of the high school upon deposit of $10. A certified check in amount of 10% of the bid must accompany each bid.

Bids opened March 25, which were all rejected, were as follows:

Leonardi Electric Constr. Co., 717 Francisco Blvd., San Rafael, $15,956.
Manning & Whitaker, San Francisco, $18,506.
Cox Electric, Red Bluff, $22,981.
B. & D. Electric, Red Bluff, incomplete bid, $13,975.

39—SEWERS

3/27/46 •• 39

BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until April 9, 1 P. M., bids will be received by the Oakland City Council, City Hall, Oakland, for construction of culvert and appurtenances on E Street.

Specifications obtainable from the above office.

3/27/46 •• 39

CONTRACT AWARDED

SAN PABLO, Contra Costa Co., Calif.—Oakland Sewer Construction Co., 9915 Walnut St., Oakland, at $18,293.60, submitted low bid and was awarded contract by the San Pablo Sanitary District, Fritz Carfield, secretary, 2511 San Pablo Ave., San Pablo, for sewer improvements under Improvement Act of 1911 and under Improvement Bond Act of 1915.

Plans by District Engineer Phil Jones, 3429 Macdonald Ave., Richmond.

Other bids were:
John Pestana, $21,349.80.
A. E. Downer, $21,472.70.
J. R. Armstrong, $22,279.90.

3/27/46 • • 39

BIDS OPENED

OAKLAND, Alameda Co., Calif.—J. Henry Harris, 2657 9th St., Berkeley, at $1235 submitted low bid to the U. S. Engineer Office, 74 New Montgomery St., San Francisco, for additional drainage at Oakland Army Base.

Complete bids follow:

J. Henry Harris, $1235; (1) $110; (2) $5; (3) $5; (4) $10; (5) $45; (6) $5.
Stolte, Inc., Oakland, $1266.70; (1) $225; (2) $4.47; (3) $3.10; (4) $7; (5) $35; (6) $4.50.
Peter Sorensen, Redwood City, $1,284; (1) $160; (2) $3; (3) $3; (4) $10; (5) $250; (6) $4.
Fredrickson Bros., Emeryville, $1,301; (1) $165; (2) $5.20; (3) $5; (4) $8; (5) $40; (6) $4.
Fredrickson & Watson Constr. Co., Oakland, $1370.20; (1) $265; (2) $5; (3) $4.90; (4) $10; (5) $161; (6) .....
Chas. L. Harney, San Francisco, $1453.50; (1) $190; (2) $4.65; (3) $4.65; (4) $10.60; (5) $20; (6) $3.60.

40— STREETS AND HIGHWAYS

3/27/46 •• 40

BIDS WANTED

STATE OF OREGON.—Until April 5, 9 A. M., bids will be received by the Oregon State Highway Commission, Auditorium, Public Service Bldg., Portland, Ore., for construction as follows:

Jackson County—Reese Creek-Antelope Creek section of the Crater Lake Highway, Federal Project No. S-47 (4). 6.65 miles of grading and paving. Requires approximately 198,000 cu. yds. excavation, 350 cu. yds. concrete in box culverts, end basins, etc.; 86,000 lbs. metal reinforcement; 2 M ft. b.m. untreated lumber; 72,000 cu. yds. gravel topping; 10,900 cu. yds. crushed gravel; 86,000 sq. yds. portland cement concrete pavement, and 40 acres seeding to grass.

Klamath County — Widen existing bridge over Altamont Canal, Klamath Falls, Federal Project No. S-31 (3). Involves approximately 75 cu. yds. structural excavation; 165 cu. yds. class A concrete; 36,600 lbs. metal reinforcement, and 200 lin. ft. metal handrail.

Klamath County—Washburne Way-Altamont Drive lighting project in Klamath Falls. State project. Involves furnishing and placing approximately 3150 lin. ft. conduit; 14 only twin light standards; 8 only single light standards; 14 only twin light transformers; 8 only single transformers, and 36 only luminaries.

Klamath County—Klamath Falls-U. S. R. S. section of the Klamath Falls - Lakeview Highway. Federal Project No. S-31 (3). 1.84 miles of grading and paving. Requise approximately 38,700 cu. yds. excavation; 1810 cu. yds. concrete curbs, islands and walls; 9500 sq. yds. concrete walks and driveways; 6000 lbs. metal reinforcement; 13,000 cu. yds. talus rock; 23,000 cu. yds. crushed rock; 96 tons asphaltic material, and 17,700 tons asphaltic concrete pavement.

Klamath County—Spring Creek Hill section, The Dalles-California Highway. Federal Project No. F-320 (2). 2.01 miles of grading. Requires approximately 217,000 cu. yds. excavation; 60 cu. yds. concrete, and 8150 lbs. metal reinforcement. This project may be bid in combination with the Spring Creek Hill-Lobart grading project in Klamath County.

Klamath County — Spring Creek Hill-Lobert section of The Dalles California Highway. Federal Project No. F-320 (2). 8.88 miles of grading. Requires approximately 511,000 cu. yds. excavation; 132 cu. yds. concrete, and 19,800 lbs. metal reinforcement. This project may be bid in combination with the Spring Creek Hill grading project in Klamath County.

Lincoln County—Oceanlake section of the Oregon Coast Highway. State project. 1.19 miles of grading and bituminous macadam surfacing. Requires approximately 15,000 cu. yds. excavation; 900 cu. yds. concrete curbs and walls; 18,000 cu. yds. rock or gravel materials, and 350 tons asphaltic materials.

Lincoln County—Construct 182 ft. reinforced concrete viaduct over Spencer Creek on the Oregon Coast Highway near Newport. Federal Project No. F-98 (4). Involves approximately 1410 cu. yds. structural excavation; 520 cu. yds. class A concrete; 80 tons reinforcing steel, and 380 lin. ft. metal handrail.

Multnomah County — Furnish and install roadway lighting system on Interstate bridge on Pacific Highway at Portland. State project. Involves approximately 6400 lin. ft. miscellaneous type circuits and 52 luminaries, ail in place on bridge.

Sherman County—North Unit, Fulton Canyon section of the Fulton Canyon - Wasco Highway. Federal Project No. S-68 (4). 1.30 miles regrading, surfacing and oiling. Requires approximately 12,000 cu. yds. excavation; 5300 cu. yds. crushed rock, and 64 tons asphaltic materials. This project may be bid in combination with the Mill Creek Forks-The Dalles project in Wasco County.

Union County—Construct 32x88 ft. frame maintenance building at Elgin. State project.

Wasco County—Mill Creek Forks-The Dalles section of the Mill Creek County Rd. Federal Project No. S-78 (1). 4.06 miles of grading and 6.91 miles of surfacing and oiling; also furnish 6600 cu. yds. crushed rock in stockpile. Requires approximately 33,200 cu. yds. excavation; 10 cu. yds. concrete; removing 11,100 lin. ft. wood and steel water mains; relaying or installing 8600 lin. ft. 14-in. steel water pipe; 33,000 cu. yds. crushed rock, and 500 tons asphaltic materials.

Specifications obtainable from the Oregon State Highway Commission office, Room 319, State Office Bldg., Salem, Ore., upon payment of $2.

3/27/46 • • 40

BLUE PRINTS AVAILABLE

SACRAMENTO, Cal.—State Highway Engineer G. T. McCoy announces cost of blue prints now available for work now advertised, for which bids will be opened in Sacramento on April 10, and in Los Angeles on April 18:

IV-C.C-75-C,D, bet. Pittsburg and 4 miles east of Brentwood: Plans, incl. sales tax, $1.23; Cross Sections, incl. sales tax, $4.77; Total, $6.00.

I-Hum-1-G, bet. Loleta and Fields Landing: Locations sheet only, no plans available.

II-Sis-3-B, bet. Shasta River and Gazelle: Locations sheets only, no plans available.

II - Las - 73 - B, bet. Viewland and Secret Valley: Locations sheets only, no plans available.

XI-S.D-77-D, bridges across San Luis Rey River and Keys Canyon Creek: Plans incl. sales tax, $1.38; no Cross Sections.

Checks for above should be made payable to the Department of Public Works, Division of Highways, and should accompany the order to this office.

Requests for the above plans, specifications, and proposal form must be addressed to the office of the State Highway Engineer, P. O. Box 1499, Sacramento.

Blue prints of plans are sold at cost and are not returnable for refund.

3/27/46 •• 40

BIDS WANTED

SANTA CRUZ COUNTY, Arizona.—Until April 5, 11 A. M., bids will be received by the Arizona State Highway Commission, Phoenix, Ariz., for construction of the Nogales-Tombstone Highway, F-27 (2), AFE 8231, in Santa Cruz County, beginning at Sonoita and extending northeasterly about 13 miles to the Cochise County line, consisting of grading, draining, base material and plant mixed bituminous surface (SC-4); completion time, February 28, 1947.

Specifications available from the office of the Arizona Highway Department, Bernard Touhey, state highway engineer, 17th Ave. and Jackson St., Phoenix, Ariz., upon payment of $12.75; guarantee of 5% to accompany bids.

The principal items of work and the approximate quantities are:

(1) 182,700 cu. yds. roadway excavation;
(2) 4900 cu. yds. drainage excavation;
(3) 3500 cu. yds. structural excavation;
(4) 191,000 sta. yds. overhaul;
(5) 8200 cu. yds. mile haul;
(6) 67,300 tons imported borrow;
(7) 129,600 tons select material;
(8) 45,000 tons aggregate base;
(9) 18,000 cu. yds. stripping pits;
(10) 11,900 M gallons sprinkling;
(11) 3400 hours rolling;
(12) 640 hours mechanical tamping;
(13) 2044 cu. yds. class A concrete;
(14) 218,200 lbs. reinforcing steel;
(15) 3528 lin. ft. CMP (5 sizes);
(16) 300 lin. ft. rail bank protection;
(17) 6 each cattle guards;
(18) 116,900 lin. ft. standard line fence
(19) 2725 lin. ft. road guard;
(20) 237 each guide posts;
(21) 29,600 tons plant mix;
(22) 1260 tons road oil (SC-4);
(23) 12.9 miles placing plant mix;
(24) 2675 tons screenings;
(25) 382 tons emulsified asphalt, class "A";
(26) 1750 sq. yds. placing intersections and other incidental items.

3/27/46 •• 40

BIDS WANTED

NAVAJO COUNTY, Arizona. — As previously reported, until April 2, 10 A. M., bids will be received by the Public Roads Administration, 303 W. Jefferson St., Phoenix, Ariz., for the construction of 14.211 miles Project Arizona FH-17-B7, Showlow-Pinetop Highway, Sitgreaves National Forest, Navajo County, Arizona.

The work involves:

(1) lump sum, extra and miscellaneous force account work (clearnig, reconstructing ditches, seeding, etc.);
(2) 115 cu. yds. unclassified excavation;
(3) 12,000 cu. yds. unclassified excavation for borrow;
(4) 9500 cu. yds. unclassified excavation for borrow;
(5) 5000 cu. yds. unclassified excavation for borrow;
(6) 69,700 cu. yd. miles special overhaul of borrow;
(7) 1600 lin. ft. furrow ditches;
(8) 2725 units watering base course;
(9) lump sum, providing and maintaining water plant or plants;
(10) 54,500 tons crushed gravel or crushed stone base course;
(11) 1750 tons type 3 blotter material for bituminous preservative treatment;
(12) 726 tons medium curing cutback asphalt, grade MC-2, for bituminous preservative treatment;
(13) 322 tons same grade MC-5.

Specifications obtainable from the above office or from 723 Phelan Bldg., San Francisco, upon deposit of $10.

3/27/46 •• 40

BIDS WANTED

NAVAJO COUNTY, Arizona.—As previously reported, until April 2, 2 P. M., bids will be received by the Public Roads Administration, 303 W. Jefferson St., Phoenix, Ariz., for the construction of 4.527 miles, Project Arizona FH-30-A3, Globe-Showlow Highway, Sitgreaves National Forest, Navajo County, Arizona.

The work involves:

(1) 83,000 cu. yds. unclassified excavation;
(2) 520 cu. yds. unclassified excavation for structures;
(3) 50,500 cu. yds. unclassified excavation for borrow (selected subgrade material);
(4) 11,000 cu. yds. unclassified excavation (pit overburden stripping);
(5) 318,000 sta. yds. overhaul;
(6) 76,000 cu. yd. miles special overhaul of borrow;
(7) 150 hrs. rolling bottoms of cuts;
(8) 2800 units watering of embankments;
(9) 400 units watering of subgrade;
(10) 400 units watering base course;
(11) lump sum, providing and maintaining water plant;
(12) 17,600 tons crushed gravel or crushed stone base course;
(13) 170 tons medium curing cutback asphalt;
(14) 2700 tons (class A pavement) aggregate for designation AT-50 surface treatment;
(15) 175 tons asphalt (grade 150-200) for class A surface treatment;
(16) 51 cu. yds. concrete, class A;
(17) 4700 lbs. reinforcing steel;
(18) 171 cu. yds. cement rubble masonry;
(19) 124 lin. ft. 24-in. corrugated galvanized sheet metal culvert pipe
(20) 44 lin .ft. 30-in. same;
(21) 70 lin. ft. 36-in. same;
(22) 136 lin. ft. 48-in. same;
(23) 264 lin. ft. removing, cleaning, relaying or stockpiling salvaged culvert pipe;
(24) 40 timber culvert markers;
(25) 3 cattle guards (four unit).

Specifications obtainable from the above office and from 723 Phelan Bldg., San Francisco, upon deposit of $10.

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BIDS WANTED

SACRAMENTO, Calif.—Until Apr. 12, 5 P. M., bids will be received by the City of Sacramento, City Hall, Sacramento, for improvement of 64th Street from Eastern Ave. and Folsom Blvd.

Work involves:

(1) 4 trees to remove;
(2) remove 124 l.f. hedge;
(3) remove 324 lf.. fence;
(4) 916 c.y. excav. and grading;
(5) 62 c.y. fill grading;
(6) remove 32 s.f. concrete sidewalk
(7) reconstruct 1 manhole to grade;
(8) place 2 gutter drains, cut No 11
(9) place 50 l.f. 6-in. VI sewer pipe;
(10) construct 1510 l.f. curb and gutter No. 13;
(11) construct 24 l.f. curb alone;
(12) construct 6840 s.f. 3½-in. conc. sidewalk;
(13) 23,750 s.f. 5½-in. asph. concrete pavement.

Specifications obtainable from the above office.

3/27/46 • • 40

BIDS WANTED

LYON COUNTY, Nev.—Until Apr. 10, 1:30 P. M., bids will be received by the Nevada Department of Highways, Robert A. Allen, State Highway Engineer, Heroes' Memorial Bldg., Carson City, for construction of a portion of the state highway system from Dalzell Canyon to junction with State Route No. 3 near Central with a spur connection to Wellington, Route 22, Section A, Lyon County, Nev.

Work involves:

(1) lump sum, signs;
(2) 17,260 l.f. remove fence;
(3) 255 l.f. remove culvert pipe;
(4) 5 each remove headwalls;
(5) 2 each remove culverts;
(6) lump sum, remove two bridges;
(7) 77,624 c.y. rdwy. excav.;
(8) 717 c.y. drainage excav.;
(9) 121 sta. "V" type ditches;
(10) 33,265 c.y. borrow;
(11) 263,123 yd. sta. overhaul (yd. sta.);
(12) 21,455 yd. mi. overhaul (yd. ml.)
(13) 400 hours 8-ft. tamping roller;
(14) 909 c.y. struc. excav.;
(15) 1,415 c.y. backfill;
(16) 4,083 m. gals. water;
(17) 37,713 tons type 1 gravel base;
(18) 54,139 tons gravel surface;
(19) 94 tons liq. asph., type MC-2 (seal roadmix and approaches);
(20) 1,176 tons liq. asph., type SC-3 (roadmix);
(21) 14.149 miles roadmix;
(22) 408 c.y. Class A concrete;
(23) 30 c.y. Class B concrete;
(24) 55,850 lbs. reinf. steel;
(25) 5 c.y. dry rubble masonry;
(26) 1,440 l.f. 18-in. corru. metal pipe (dipped);
(27) 276 l.f. 24-inch do;
(28) 128 l.f. 30-inch do;
(29) 104 l.f. 36-inch do;
(30) 182 l.f. relay culvert pipe;
(31) 116 each culvert markers;
(32) 36 each guide posts;
(33) 40,654 l.f. construct fence;
(34) 16,617 l.f. reconstruct fence;
(35) 26 each 16-ft. stand. metal gates
(36) 86 each monuments;
(37) 3 each 26-ft. standard cattle guard.

Specifications obtainable from the above office upon deposit of $10, of which $5 is returnable.

3/27/46

NOTICE

CONTRA COSTA CO., Calif. — A representative of the District Office of the State Division of Highways will meet prospective bidders for the proposed project in Contra Costa County, IV - C.C-75-C,D, for which bids are to be received in Sacramento on April 10.

Said representative will meet prospective bidders at junction of East 10th St. and Los Nedanos St., Pittsburg, on Tuesday, April 2, at 2 P. M.

3/27/46 •• 40

BIDS WANTED

STATE OF OREGON.—Until April 4, 9 A. M., bids will be received by the Oregon State Highway Commission, Auditorium, Public Service Bldg., Portland, for construction as follows:

Harney County—Burns-Lawen section of the Burns-Crane Highway. Federal Project No. S-15 (2). 18.0 miles of regrading, surfacing and oiling; also furnish 5400 cu. yds. crushed rock in stockpile. Requires approximately 102,000 cu. yds. excavation; 32,000 cu. yds. embankment in place; 86 cu. yds. concrete; crushed rock, and 960 tons asphaltic materials.

Jefferson and Wasco Counties.—Mill Creek-Miller Flat section of the Warm Springs Highway. Federal Project No. F-309 (2). 8.06 miles of grading. Requires approximately 121,000 cu. yds. excavation.

Klamath County — Mazama Junction-Spring Creek Hill section of The Dalles-California Highway. Federal Project No. F-320 (2). 25.01 miles of grading. Requires approximately 604,000 cu. yds. excavation; 140 cu. yds. concrete; 20,000 lbs. metal reinforcement, and 11,000 lin. ft. wood snow fence.

Lane County — Judkins Point-Springfield Junction section of the Pacific Highway. Federal Project No. UI-161 (12). 0.68 mile of grading and paving. Requires approximately 7800 cu. yds. excavation; 700 cu. yds. concrete curbs and median strip; 900 sq. yds. concrete walks and driveways; 4600 cu. yds. gravel base materials, and 6800 tons asphaltic concrete pavement.

Lincoln County — Waldport rock production project on Oregon Coast and Alsea highways. State project. Requires approximately 10,000 cu. yds. crushed rock in stockpiles.

Polk County—Reconstruct existing bridge over Mill Creek on The Dalles-Coast Secondary Highway near Buell. Federal Project No. S-215 (4). Requires approximately 80 cu. yds. structural excavation; 290 cu. yds. class A concrete; 64,000 lbs. metal reinforcement; 51,000 lbs. structural steel, and 4000 lin. ft. metal handrail.

Tillamook County—Construct 12 19-ft. composite pile trestle spans and 1 100-ft. steel pony truss span over Trask River on the Netarts Secondary Highway near Tillamook, and grade and pave 0.09 mile approaches thereto. State project. Involves approximately 1850 cu. yds. gravel embankment in place; 60-ft. 18-in. concrete pipe; 300 cu. yds. structural excavation; furnish 1500 lin. ft. untreated piling; 2200 lin. ft. treated piling; drive 36 foundation piling; drive 60 trestle piling; 420 cu. yds. class A concrete; 64,000 lbs. metal reinforcement; 36 M ft. b.m. treated lumber; 148,000 lbs. structural steel, and 690 lin. ft. metal handrail.

Washington County—Vadia overcrossing on the Sunset (Wolf Creek) Highway near North Plains. Federal Project No. FG-186 (10). Construct 361 ft. reinforced concrete viaduct over tracks of S. P. & S. Railway Co. Involves approximately 490 cu. yds. structural excavation; furnish 5360 lin. ft. treated timber piling; drive 141 piles; 1000 cu. yds. class A concrete; 184,000 lbs. metal reinforcement, and 748 lin. ft. metal handrail.

Washington County—Mountaindale County Road grade separation near North Plains. Federal Project No. F-186 (9). Construct 132 ft. concrete viaduct over Sunset (Wolf Creek) highway. Involves approximately 260 cu. yds. structural excavation; 200 cu. yds. class A concrete; 44,000 lbs. metal reinforcement, and 275 lin. ft. metal handrail.

3/27/46

CONTRACT AWARDED

SISKIYOU COUNTY, Calif.—Clements & Co., P. O. Box 277, 941 Atherton St., Hayward, at $168,879, awarded contract by C. H. Purcell, state director of public works, Public Works Bldg., Sacramento, for about 13.3 miles surfacing with imported borrow base and plant mix surfacing between Yreka and Camp Lowe, Siskiyou County.

3/27/46

PROSPECTIVE BIDDERS

ALAMEDA, Calif.—The following contractors have taken out plans for reconstruction of Encinal Ave. from Sherman to Oak Sts., etc. for which bids will be opened April 2, 8:05 P. M., by the City of Alameda, City Hall, Alameda. Plans by City Engineer Carl Froerer:

Heafey-Moore Co., 344 High St., Oakland.
Ransome Co., 4030 Hollis St., Emeryville.
Independent Construction Co., Ltd., 46th Ave. and Clement St., Oakland.
Gallagher & Burk, 900 73rd Ave., Oakland.
J. R. Armstrong, 400 Central, Box 216, El Cerrito.
Lee J. Immel, Box 65, Station A, Berkeley.
East Bay Construction Co., 7701 San Leandro St., Oakland.
J. Henry Harris, 2657 9th St., Berkeley.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Machinery and Equipment 43

42— MISC. SUPPLIES AND MATERIALS

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BIDS WANTED

PANAMA CANAL.—Bids will be received by the General Purchasing Officer, The Panama Canal, Washington 25, D. C., for misc. supplies, as follows:

10,000 lbs. commercial acetone; 1,000 lbs. dichlorodifluoromethane liquid gas; 15,000 lbs. flake orange shellac; 7,750 lbs. raw linseed oil; 4,000 lbs. lubricating oil; 2,000 gals. liquid coal tar; 25 lbs. Indian red pigment in oil; 20,000 lbs. dry red lead; 6,000 lbs. lampblack in oil; 2,000 lbs. aluminum pigment, powder; 100 books gold-leaf; and 25 bbls. white portland cement; Sch. 8224, quotations April 1.

2,000 lbs. nickel steel billets; 4,000 lbs. nickel-steel bars; 32,000 ft. carbon steel pipe; 1,200 ft. do; 4,800 ft. do; 1,000 ft. galv. proof coil chain; Sch. 8226, quotations April 1.

To be received by General Purchasing Officer, The Panama Canal, Medical Section, 160 5-gal. cans glycerine; Cir. 2767, quotations Apr. 1.

25,000 ft. twisted pair telephone cable, 400 l.f. ¾-in. rubber gaskets and 100 stainless steel tongs; Sch. 8228, quotations April 3.

930 gate valves, 90 do, 13 do, 68 do, 25 do, 65 globe valves, 100 do, 56 do 50 angle valves, 10 check valves, 88 do, 110 check valves, 6 foot valves and 40 throttle valves; Sch. 8227, quotations April 3.

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NOTICE OF SALE

SAN FRANCISCO.—Until April 9, 10 A. M., bids will be received by the Navy Material Redistribution & Disposal Office, 785 Market Street, under Sales No. B-338-46 for 19 gross tons shear and tie plates located at 9th Ave. Pier, Oakland.

3/27/46 • • 42

BIDS WANTED

SACRAMENTO, Calif.—Until Apr. 5, 5 P. M., bids will be received by the City of Sacramento, City Hall, Sacramento, for furnishing 20 4-in. valve opening hydrants, and 62 gate valves for the Water Department.

Specifications obtainable from the above office.

3/27/46 • • 42

BIDS OPENED

SACRAMENTO, Calif. — Following submitted bids to the State Purchasing Agent, Sacramento, for materials as follows:

QUO. 42759; Req. 51130:
Five C Refg. Co., $.0425.—Awarded
American Bitumuls Co. $.074 trucks $.084 drums.
QUO. 42546; Req. G32425:
American Bit. Co., $.072 trucks; $.082 drums, fob Yuba storage.
H. Earl Parker, same figure, fob Marysville. No award.

3/27/46 • • 42

BIDS WANTED

SACRAMENTO, Calif. — Bids will be received by the State Purchasing Agent, Sacramento, for materials and equipment as follows:

March 28

QUO. 44375; Req. 76288:
125 tons No. 3 crushed rock
150 tons plant blended aggregate.
Fob Workman Mill Road, 3.5 miles north of Whittier.
QUO. 43794; Req. G32453:
4500 gals. liq. asph. SC-6, fob Colfax Mtce. Station, Marysville do.

March 29

QUO. 44433; Req. 12191:
150 tons liq. asph. SC-3, scattered locations Routes 48 and 56, Dist. 1. Navarro and Mendocino.

3/27/46 •• 42

BIDS WANTED

RIO VISTA, Solano Co., Calif.—Until April 4, 8 P. M., bids will be received by the City of Rio Vista, H. Valente, City Clerk, 44 S 2nd St., Rio Vista, for a motorized street sweeper.

3/27/46 •• 42

BIDS WANTED

OAKLAND, Alameda Co., Calif.—Until April 9, 1 P. M., bids will be received by the Oakland City Council, City Hall, Oakland, for furnishing kerosene and lubricating oil.

Specifications obtainable from the above office.

3/27/46 •• 42

BIDS WANTED

LOUISE, Ariz.—Until April 9, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver 2, Colo., under Inv. No. 7259-A for furnishing western red cedar, southern yellow pine, Douglas fir or lodgepole pine poles, f.o.b. shipping point and/or Louise, Ariz. Boulder-Kingman line to Davis Dam transmission line.

3/27/46 •• 42

BIDS POSTPONED

BOISE PROJECT, Idaho. — Until April 1, 2 P. M. (postponed from Mar. 26), bids will be received by the Bureau of Reclamation, Denver, Colo., for furnishing three 2000-kva., 66,000- to 2400-volt, 60-cycle, oil-immersed, self-cooled, outdoor type transformers, each with lightning arrester for 69,000-volt ungrounded neutral circuit mounted on case; one 69,000-volt, 600-ampere, outdoor type disconnecting switch with manually - operated grounding blades, and three 69,000-volt, 200-ampere, outdoor type expulsion-fuse disconnecting switches, each complete with two fuse units, for the "C" line canal pumping plant, Payette Division, Boise Project, Ida., delivered f.o.b. cars (a) shipping point or (b) Emmett, Idaho; Specification No. 1222. No charge to prospective bidders for specifications; to others, $1.00.

3/27/46 • 42

BIDS WANTED

SAN FRANCISCO.—The Elkington Manufacturing Co., 19 South Park, San Francisco 7, is taking sub-bids for furnishing nine 10x10-ft. hip and vent skylights to be installed in its new one-story and mezzanine display and salesroom building (30x125 ft.) now under construction by the owner at 463 S. Van Ness Ave.

43— MACHINERY AND EQUIPMENT

3/27/46 •• 43

BIDS POSTPONED

SHOSHONE PROJECT, Wyoming. —Until April 24, 2 P. M. (postponed from April 3), bids will be received at the office of the Bureau of Reclamation, Denver, Colo., for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Cody, Wyo., at the option of the bidder, one 8300 h.p., 450 r.p.m., vertical shaft, single-runner, Francis type hydraulic turbine; one oil-pressure gate-shaft type governor, and one 6000-kva., 2400-volt, 3-phase, 60-cycle, 83.3 per cent power factor, 450 r.p.m., vertical shaft, alternating current generator suitable for operation at an altitude of 4980 feet, complete with direct-connected exciter and thrust and guide bearings, all for the Heart Mountain power plant, Shoshone Project, Wyoming; Spec. 1184. The apparatus will be installed by the government. The specifications do not contain a provision for liquidated damages for delay. No charge for copies of the specifications to prospective bona fide bidders; to others, $1.75, not returnable. For particulars, address the Bureau of Reclamation, Denver, Colo.

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BIDS WANTED

COLORADO RIVER PROJECT, Texas.—Until April 24, 2 P. M., bids will be received at the office of the Bureau of Reclamation, Denver, Colo., under Spec. 1259 for furnishing and delivering f.o.b. cars at shipping point or f.o.b. cars at Austin, Texas, at the option of the bidder, one electrically operated gantry crane having a capacity of 13½ tons for handling bulkhead gates at Marshall Ford Dam, Colorado River Project, Texas. The gantry crane will be installed by the government. No charge for copies of the specifications to prospective bona fide bidders; to others, $2, not returnable. For particulars address the Bureau of Reclamation, Denver, Colo.

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MARIN, Napa and Sonoma Counties, Calif.—Until March 29, 3 P. M., bids will be received by the State Division of Highways, J. H. Skeggs, District Engineer, 2001 Van Ness Ave. San Francisco, for rental of one or more pneumatic tired dump trucks of not less than 4 c.y. level capacity for approx. 250 hours of work each in Marin, Napa and Sonoma Counties.

Specifications obtainable from the above office.

(Continued on Page Four)

PIPE
PIPE - VALVES - FITTINGS
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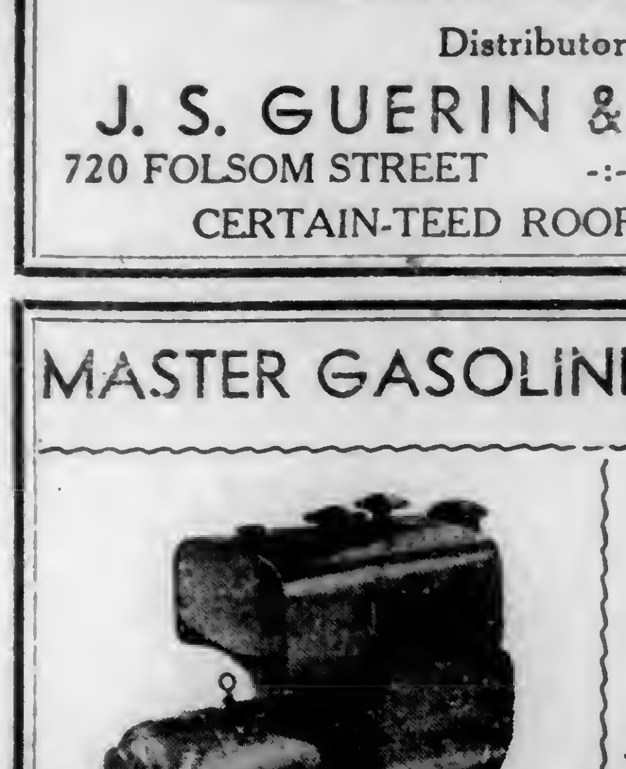

MASTER GASOLINE GENERATORS
Portable Lighting Plants
From 650 Watts to 15 KW
Generate Your Own Electricity Right on Job
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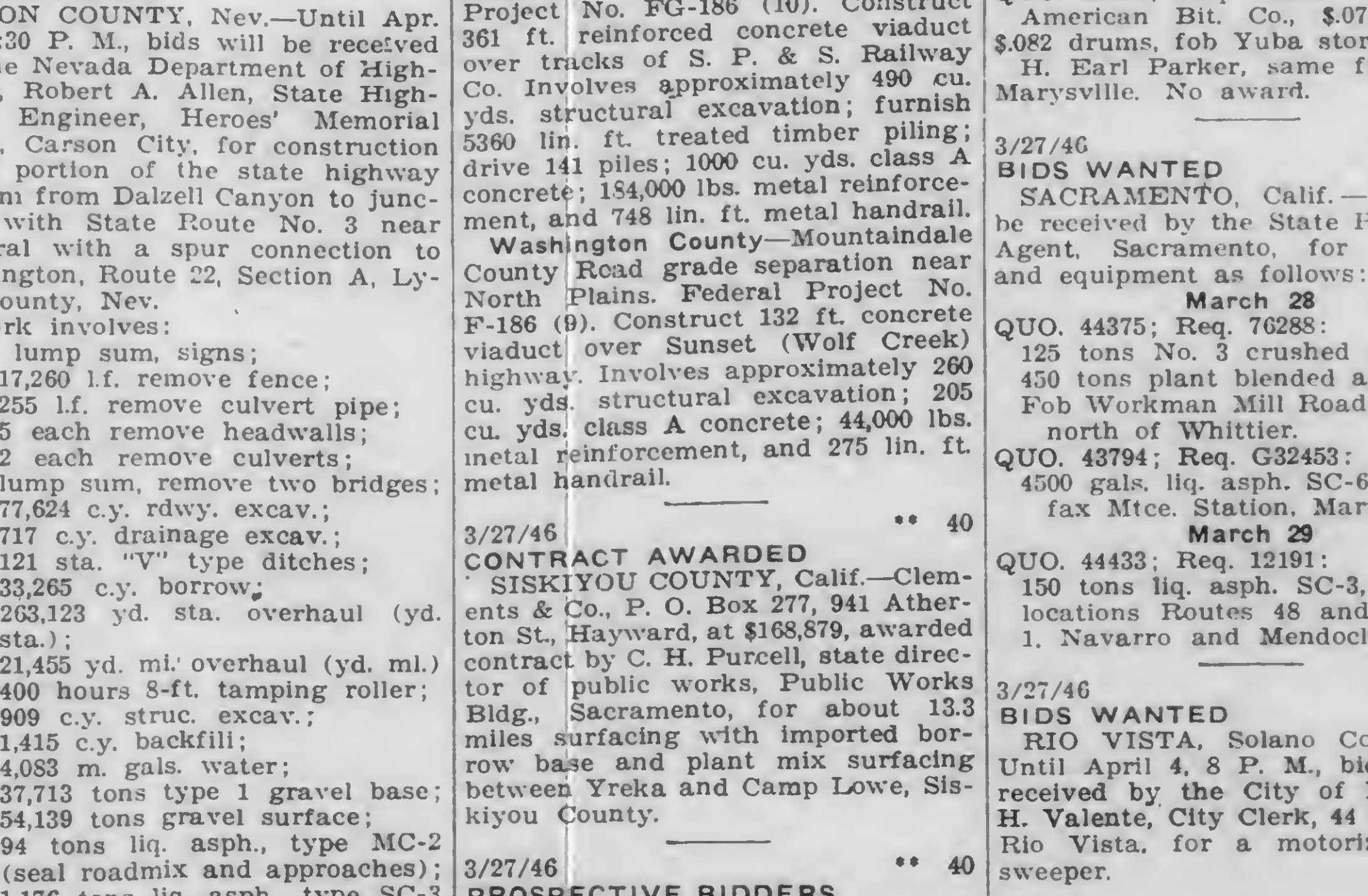

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Building Permits, Contracts---Recorded Notices

BUILDING PERMITS Applications

SAN FRANCISCO

ALTER AUTO SALESROOM, $50,000; NW Sacramento and Van Ness; owner, Sloss & Gilkberg, 1155 Van Ness Ave; architect, Hyman & Appleton & Wolfard, 68 Post St.

STORE AND OFFICES (2-story frame), $23,527; SE 31st Ave and Taraval; owner, Dr Robert Keyes, 2671 35th Ave; builder, Hamill Construction Co, 4124 Geary Blvd.

FLATS and STORES (2-story frame) $16,000; NE Balboa and 36th Ave; owner and builder, E A Wachter, 862 28th Ave.

DWELLING (3-story frame), $20,000; S Marina Blvd 150 E Divisadero; owner, Henry G Donner, 210 Richardson Ave; not let.

ALTER DEPT. STORE, $12,000; 420-28 Sutter St; owner, Nicholas Johnston, 140 Geary St; day work.

DWELLING (1-story frame), $11,000; E 30th Ave 250 S Cabrillo; owner, H Berman, c/o contractor; builder, Mills Construction Co, 605 Market.

STORE (2-story frame), $10,000; S Jefferson 132.6 E Taylor; owner, N Alioto Crab Co, 2758 Taylor St; builder, Henry Doelger Builder, Inc, 320 Judah St.

FLATS (2-story frame), $10,000; S Judah 32.6 E 41st Ave; owner and builder, Henry Doelger Builder, Inc, 320 Judah.

CLASS "C" STORE (1-story), $10,000; NW Geneva and Naples; owners, I & A Piazza, 1150 Munich; builder, Joseph Barnes, 752 Folsom.

ALTER DEPT. STORE, $10,000; 1837 Polk St; owner, Mr Miller, prem; builder, Erbentraut & Summers, 446 6th St.

FLAT AND STORE (1-story frame), $8000; SE 34th Ave and Judah; owner and builder, Henry Doelger Builder, Inc, 320 Judah.

DWELLINGS (1-story frame) (2), $5400 each; E Justin 112, 138 NE Alemany Blvd; owner and builder, H Barber & Son, 280 Justin Dr.

DWELLING (1-story frame), $5000; E Justin 85 NE Alemany Blvd; owner and builder, H Barber & Son, 280 Justin Dr.

RESTAURANT (1-story frame), $5000; SW Valencia and Tiffany; owner, Joseph Kelly, 675 Moscow; not let.

ALTER OFFICE, $5000; 417 Montgomery St; owner, Lurie Co, c/o contractor; builder, Jos L Barnes, 752 Folsom St.

ALTER OFFICE, $5000; 425 1st St; owner, Union Oil Co, prem; builder, Fred J Early Construction Co, 369 Pine St.

DWELLING (1-story frame), $4750; W 48th Ave 100 S Ortega; owner and builder, John Harkness, 275 Turk St.

ALTER DWELLING, $3000; 2131 35th Ave; owner, J Von Nostiz, prem; builder, E L Cougle, 2100 Taraval.

ALTER DWELLING, $3000; 300 Yerba Buena; owner, W J Anderson, 230 Hazelwood Ave; builder, Adolph Anderson, 230 Hazelwood Ave.

ALTER STORE, $3000; 840 Market; owner, Moore, Ltd, prem; builder, De Luca & Son, 1745 Filbert St.

ALTER RESTAURANT, $2000; 40 Market St; owner, Herndon Foods, Inc, 40 Market; architect, J Lloyd Conrich, 558 33rd Ave.

ALTER RESTAURANT, $2000; 1220 Market; owner, Geo Atos, prem; builder, J A Gordon, 252 Chattanooga.

ALTER FLATS, $2000; 1621-23 Page St; owner, Robert L Wilson, 2604 Pacific St; builder, Richard N Tone, 1555 Page St.

ALTER DWELLING, $1000; 2250 Geary St; owner, Mrs J Labhard, prem; builder, Geo T Robinson, 43 Milan Terrace.

ALTER STORE, $990; 1044 Taraval; owner, B B Hamill, 1038 Taraval; builder, Hamill Construction Co, 4124 Geary Blvd.

ALTER FOOD MARKET, $935; SW 37th and Balboa; owner, John Molinari, 3274 Sacramento St; builder, Hamill Construction Co, 4124 Geary Blvd.

ALTER STORE, $900; 818 Washington; owner, C C Fong, 509 Keary; builder, not let.

ALTER STORE, $800; 686 Harrison; owner, H W Loskot, 129 Laura St; builder, Geo T Robinson, 43 Milan Terrace.

ALTER FLATS AND STORE, $800; 3925 24th St; owner, A Menarini, 31 Scotland St; builder, O Polidoro Co, 3160 Green St.

ALTER DWELLING, $535; 187 Madrid; owner, Albert J Culligan, prem; builder, United Roofing & Siding Co, 2906 Mission St.

ALTER LIQUOR STORE, $500; 1934 Lawton St; owner, Anton Mekisich, 157 Alhambra; builder, Myon A Johnson, 321 Foerster St.

BUILDING PERMITS Granted

REMODEL 2 apts in rear yard and remodel flat in to two 3-room apts, $1500; 4339-41 California St; owner, F Sohmers; day work.

DWELLING (1-story frame), $6000; W 44th Ave 125 N Taraval; owner and contractor, MacArthur Building Co, 3224 Judah St.

RAISE BUILDING to allow 10-foot store height and build new apt., $7000; S side Noriega St 82.6 E of 48th Ave; owner, James Karas; architect, G A Berger, 309 Valencia; day work.

STUCCO FRONT of apts, $600; 1517 Jones St; owner, Lindy Low; contractor, O Polidoro, 1360 Green St.

CLASS "C" SHOWROOM and offices, $26,000; SW side of Columbus Ave and Bay St; owner, Rayal Motor Sales; contractor, DeLuca & Son, 1745 Filbert St; architect, Blanchard & Maher, 369 Pine St.

FREEZING ROOM, glass partition and sterilizing room in market, $1000; 1543 Haight St; owner, Leonard E Gifford; contractor, Albert E Matson, 2705 California St; plans by Leonard E Gifford, 1543 Haight.

OFFICE (2-story frame), $7000; 847 Treat Ave; owners, Ernest and Margaret Arras; contractor, Adam Arras & Son, 116 New Montgomery St; architect, S Robert Anshen, 135 Stockton St.

RESIDENCE (1-story frame), $6837; E Bronte 25 N Jarboe; owner and contractor, Hans V Hasen, 2297 15th St; architect, C O Clausen.

REMODEL STORE FRONT, $1500; 22 7th St; owner, Steve Demacas; contractor, Theo Petrikis, 2636 31st Ave.

RAISE BUILDING and install garage doors and lay cement floor throughout, $1800; 46 6th Ave; owner, Harry L Baker; contractor, Tom Cuthbertson, 430 Noriega.

DWELLINGS (2-story frame) (4), $4950 each; W Corbett Ave 76, 101, 126, 151 S of Golding Alley; owner and contractor, Grace Perego, 132 Sutter St; architect, J Lloyd Conrich, Balboa Bldg.

EXCAVATE basement and install pit for hot water tank, $800; 351 Geary St; contractor, Henry Arian Construction Co, 4142 Geary Blvd.

CLASS "C" FACTORY BUILDING, $22,000; W Main St 130 N Folsom; owner, Guittard Chocolate Co; contractor, Cahill Bros; architect, W P Day, 1502 Financial Center Bldg; engineer, W P Day, 1502 Financial Center Bldg.

CLASS "C" SHOP, $28,000; SW corner Williams Ave and Mendell; owner and contractor, L E Niles Co, 1001 Clement St; engineer, Clarence E Saege.

ALTER STORE FRONT, $40,000; 2630 Mission St; owner, Grayson's; contractor, Empire Construction Co, Ltd, 344 Harriet St; plans by Gruen & Krummeck.

ALTER TAVERN and RESTAURANT, $10,500; 935 Fillmore St; owner, Bruno Lucchesi; contractor, Coast Building Co, 744 Harrison St.

STUCCO FRONT ON FLATS, $800; 488 Francisco St; owner, Peter De Lucchi; contractor, O Polidoro Co, 1360 Green St.

ALTER BASEMENT AREA of store, $15,000; NW corner Geary and Powell Sts; owner, Hastings; contractor, Empire Construction Co, Ltd, 344 Harriet St; plans by Gruen & Krummeck.

ADD NEW PLATE GLASS, tile fronts and paint exterior of stores, $20,000; NW Sutter and Stockton Sts; owner, Lewis M Norton; contractor, J S Malloch, 666 Mission.

ALAMEDA

MARQUEE, $950; 1711 Webster St; owner, Hook & Myering, 1711 Webster St; builder, Western Neon Co.

FIRE REPAIRS, $1000; 1545½ Santa Clara; owner, Oakland Medical Bldg Corp, Mills Bldg, San Francisco; builder, Van Bokkelen-Sole, 955 22nd St, Oakland.

ALTERATIONS, $750; 2916 San Jose Ave; owner, Wm Rabeneau, 2916 San Jose Ave; builder, Samuel Lee, 3006 Thompson.

ALTERATIONS, $500; 2001 Lincoln Ave; owners, A and A C Andronico, 2002 Pacific Ave; builder, Samuel Lee, 3006 Thompson Ave.

SHED, $500; 2338 Blanding Ave; owner and builder, James A Franchi, 2338 Blanding Ave.

OAKLAND

GREENHOUSES, three, $4278 each; 2246 96th Ave; owner and builder, N W Curson, 1022 Curtis Street, Albany.

ADDITION, $1700; 10938 MacArthur; owner and builder, Lunardi and Adragna, 10920 MacArthur Blvd.

STORE, 1-story concrete, $15,000; 3901 Telegraph Ave; owner, Cameo Stores, 3669 Telegraph Ave; contractor, R B Schiveley, 1438 Pierce Ave, San Leandro; plans by W F Bartu, t6066 Thornhill Drive.

ALTER, $1000; 915 Wood St; owner, J Manrusto, 911 Wood St; contractor, California Rfg & Contr Co, 1630 Webster St.

ALTER, $8500; 477 14th St; owner, Gensler-Lee Stores, prem; contractor, Royal Show Case Co, 770 McAllister St, San Francisco.

ALTER, $1000; 2364 E 15th Street; owner, Bay Distrib Co, premises; contractor, H K Jensen, 4024 MacArthur Blvd; architect, Irwin M Johnson, Oakland.

ADDN, $2500; 4209 Tomkins Ave; owner, B Ellis, prem; contractor, Walter Josephs, 3122 Minna Ave.

ALTER, $700; 204-06 Oakland Ave; owner, Gwynn Shields Co, 420 15th St; contractor, Herman Krusi, 100 Dunkin Way.

STORE and office, 3-story 20-room, $90,000; 6500-14 Telegraph Avenue; owner and builder, Richfield Davis Enterprises, Inc, 6526 Telegrah.

ALTER, $920; 3917 Telegraph Ave; owner, M Hall, prem; contractor, John Militello, 5825 Fermont St.

ADDN to factory, $25,000; 2627 Magnolia St; owner, Laher Spring & Tire Co, 26th and Magnolia Sts; contractor, Beckett & Federighi, 1441 Franklin St.

REPAIRS, $500; 1101 E 20th Street; owner, Sara Hanson, prem; contractor, A J Pearson, 2031 Fruitvale Ave.

ALTER and addn, $3000; 1650-54 7th St; owner and contractor, S T Romley, 681 Market St, San Francisco; architect, Martin A Sheldon, 681 Market St, S F.

ALTER, $2000; 5656 College Avenue; owner and contractor, Morrill Plbg Co, 5662 Keith Ave.

DWELLING, 1-story 5-room, $6000; 7886 Sterling Dr; owner and contractor, Frank A Cosca, 7934 Crest.

REPAIR fire damage, $1700; 480 10th St; owner, M T Cherin, prem; contractor, Van Bokkelen-Cole Co, 955 22nd St.

REPAIR fire damage, $2000; 1425 Harrison St; owner, Eric De Reynier, prem; contractor, Van Bokkelen-Cole Co, 955 22nd St.

SHOP, 1-story concrete, $2000; 1011 40th Ave; owner, John L Davis, 3544 Robinson Dr; contractor, Artline Fixture Co, 3544 Robinson Dr.

STORE, 1-story, $42,500; 6429-47 E 14th St; owner and builder, R Perrott, 2011 Yolo Ave, Berkeley.

ADDN, $500; 832 Chester St; owner and builder, D Castairs, premises.

GARAGE, $500; 2246 96th Ave; owner and builder, N W Curzon, 1022 Curtis St, Albany.

SIGNS, two electric, $750 ea; 1615 Webster St; owner, Harry Bachstein & Partners, prem; contractor, Neon Engrg Service, 2015 Napa Road, Vallejo.

SIGN, electric, $1000; 1615 Webster; owner, Harry Backstein & Partners, prem; contractor, Neon Eng Service Co, 2015 Napa Rd, Vallejo.

ADDN, 1-story brick, $4770; 930 Webster St; owner, Pioneer Beverage Co, prem; contractor, Conrad Roth, 2101 Central Ave, Alameda; architect, W G Corlett, Bank America Bldg.

FACTORY, 1-story steel, $50,000; 4701 San Leandro St; owner, National Lead Co, prem; contractor, Barrett & Hilp, 918 Harrison St, San Francisco; engineers, Ellison & King, 500 Sansome St, San Francisco.

ALTER, $500; 743-5 Jean St; owner, Dr J Adams, prem; contractor, R A Sporaco, 9826 Birch St.

ALTER, $3800; 1001 81st Ave; owner, Peter Paul Candy Co, prem; contractor, John F Tulloch, 3428 Ettie St.

OFFICE, $500; 6020 San Pablo Ave; owner, Wm Shuster, prem; contractor, Sam Lipshitz, 601 63rd St.

DWELLING, 1-story 5-room, $7900; 38 Trafalgar Place; owner, L J Hoefner, 2818 Central Ave, Alameda; contractor, Alex C Wieben, 906 MacArthur Blvd.

SIGN, electric, $900; 1563 7th Street; owner, D W Ford, prem; contractor, Neon Eng Service Co, 2015 Napa Rd, Vallejo.

CITY OF SACRAMENTO

REMODEL store bldg, $10,000; 801 K St; owner, Eagleson and Co; architect, Gordon Stafford, Forum Bldg.

REMODEL dwelling, $3000; 326 L St; owner and contractor, F V Dulay.

DWELLING, 4-room stucco, frame and wood shingle, $6000; 2173 6th Ave; owner, Pearl Blauth; contractor, Myron Wetmore, 2216 23rd.

DUPLEX, $16,500; NW Cor Markham Way and Land Park Drive; owner, W Schwot; contractor, C Vanina & Sons, 2022 Capitol Ave.

DWELLING, 4-room, stucco, wood frame and shingle, $6500; 2171 6th Ave; owner, Pearl Blauth; contractor, Myron Wetmore, 2216 23rd.

DWELLING, 4-room stucco, wood frame and shingle, $6000; 2165 6th Ave; owner, Pearl Blauth; contractor, Myron Wetmore, 2216 23rd.

ADDITION to dwelling, rustic and frame, $1000; 6283 2nd Ave; owner and builder, Walter J Hoyt.

REMODEL bldg, $3500; 2001 P St; owner and contractor, Chas Vanina 2022 Capitol Ave.

SHOP bldg, brick, comp roof, $6500; 1217 28th St; owner, F Bottaro; contractor, Holdener Constr Co.

REMODEL dwelling, $1000; 2625 27th St; owner, Homer Smith; contractor, Bingham Constr Co.

REMODEL interior of bldg, $20,000; 1100 Q St; owner, Pepsi Cola Co; contractor, Bingham Constr Co, 4825 J St.

ADDN to warehouse, frame, galv. iron, comp. roof, $4000; 2701 Stockton Blvd; owner, American Fuel & Mtls Co; contractor, Bingham Constr Co, 4825 J St.

REMODEL interior of bldg, $3000; 718 J St; owner, Weidman Stores; contractor, Bingham Constr Co, 4825 J St.

DWELLINGS, four 5-room, $6000 each; 2725, 2711, 2743, 2739 58th St; owner, Artz & Cook Realty Co; contractor, Paul Prom, 1111 43rd Street.

REMODEL bldg into doctor's office, $1200; 2811 3rd Ave; owner, McClatchy Realty Co; contractor, J F Reynolds Co.

DWELLING, 5-room stucco, wood, shingle, $7000; 2400 8th Avenue; owner, B F Arnold; contractor, P Opdyke, 5824 S St.

ADDN to 4-flat bldg, stucco, wood frame, comp roof, $6000; 1412 P St; owner and contractor, Sam G Aron.

BLDG for beauty shop and apt, of frame, stucco, comp roof, $12,000; 3720 33rd St; owner, Walter Frater; contractor, Markwart Co, P O Box 2071.

PALO ALTO

BUSINESS bldg, 2-story type 3, $22,000; 462-470 Ramona St; owner, C E Needham, 561 Ramona St; contractor, G H Meese; plans by Morgan Stedman.

RESIDENCE and garage, $7000; 770 Oregon Ave; owner, E G and J Morris, Sunnyvale; builder, B M Matthews, Sunnyvale.

BUSINESS bldg, 2-story type 3, $18,000; 450-52-60 Ramona St; owner, Donald Doane, 2480 Bryant Street; owner, G H Meese, Redwood City; plans by Morgan Stedman, 180 University Ave.

SWIMMING pool, $500; 456 Southampton; owner, Iva E and A M Thatcher, 1202 Fulton St.

RESIDENCE and garage, $13,100; 181 El Carmelo; owner, G and G A Toso, San Francisco; contractor, Paul Di Martini, S F.

RESIDENCES and garages, eight, 684 Marion Ave, $8500; 2502 Middlefield Rd, $10,500; 2514 Middlefield, $8750; 2526 Middlefield, $10,250; 2538 Middelefield, $9600; 2550 Middlefield, $9750; 2562 Middlefield, $10,500; 2303 Ross Rd; owner, Coastwise Constr Co, 2499 Middlefield; contractor, E Cornblum, 2499 Middlefield; architect, W E Huson, 2499 Middlefield Road.

FRESNO

PACKING Plant, $200,000; 1625 Tulare; owner, California Packing Corp; contractor, Fisher & McNulty, Pacific SW Bldg.

STORE, $35,000; 928-936 Olive; owner, Sherry's Liquor Store; contractor, Taylor & Wheeler.

FOOD processing plant, $33,000; 3115 Hamilton; owner, Van Sickel Frozen Foods, Inc; contractor, J T Cowan.

ALTER store, $30,400; 1045 Fulton; owner, Madamoiselle Vogue; contractor, Harris Constr Co.

DWELLING and garage, $7900; 1413 Terrace; owner, Carl A Bush.

ADDITION to tire shop, $7000; 1608 Broadway; owner, Heitzig and Shirkey.

DWELLINGS and garages, two, $5,500 each; 108, 116 N 9th; owner, W F Willmette; contractor, T W Griffith.

ALTER bldg, $5000; 1776 Kern; owner, Zellerbach Paper Co; contractor, Fisher & McNulty.

DWELLING and garage, $3300; 2993 Hedges; owner, A J Kliewer.

DWELLING, $2000; 2149 Fig; owner, Jess Lira.

SERVICE STA, $17,000; 3004 E Tulare; owner, Curry Bros; contractor, Harris Constr Co.

ADDITION to service station, $1500; 601 Olive; owner, Curry Brothers; contractor, Harris Constr Co.

ALTER dwelling to office, $1,000; 1274 N Van Ness; owner, Dr Sorauf; contractor, Larsen Ratto Constr Co.

ADDN to dwelling, $1000; 302 Glenn; owner, Mrs Kurcher; contractor, Harry Yager.

DWELLING, $1000; 2272 Lee; owner, Ashley Surry.

ALTER store, $650; 1027 Broadway; owner, Sun Maid Furniture Co; contractor, Harris Constr Co.

GARAGE, $500; 1907 Cambridge; owner, L E Gilreath; contractor, A-1 Engrg Co.

CAR shed, used, $500; 2023 Ventura; owner, Leo R Gossman.

FRESNO

ALTER GARAGE TO STORE, $15,000; 920 Van Ness; owner, Josephine Furniture Co; builder, J T Cowan.

DWELLING AND GARAGE, $8000; 5011 Platt; owner, Frank Perone; builder, Fred Horning.

DWELLING AND GARAGE, $8000; 1718 Thorne; owner, Geo Cavanah; builder, Harry Behlen.

DWELLING, $6000; 2990 Floradora; owner, Robert K Whitney.

BEAUTY PARLOR, $5000; 2111 California; owner, Mertz; builder, Fred Horning.

OFFICE BUILDING, $2500; 4944 Belmont; owner, Burt E Taylor.

BARBER SHOP, $2400; 2017 California; owner, D L Elia.

ADD TO CAFE, $2000; 226 Olive; owner, Nish Aaronian.

GARAGE, $1500; 1446 Divisadero; owner, V Sullenger.

ALTER BUILDING, $1500; 338 Atchison; owner, Tomas Ayala.

ADD TO DWELLING, $650; 2938 Lamona; owner, Letha Seib.

REPAIR DWELLING, $500; 1139 Plumas; owner, King Smith.

ALTER DWELLING, $500; 415 Palm; owner, Neville C Hertwick.

ALTER BUILDING, $500; 2607 Fresno St; owner, Dr Maupin; builder, R Pederson & Son.

ADD TO DWELING, $500; 1495 Clinton; owner, Chas A Wood Jr.

GARAGE, $500; 3530 Nevada; owner, Frank Wong; builder, Lockwood & Reese.

BUILDING CONTRACTS
SAN MATEO COUNTY

FACTORY and warehouse, office, etc, one-story frame

NINTH AVE and Dumbarton, Redwood City.

Owner—Pacific Paper Containers.

Engineer—H M Engle, 575 Mission St, San Francisco.

Contractor—Younger Constr Co, 575 Mission St, San Francisco.

Filed Mar 23, '46. Dated Feb 27, '46 Progress payments of 90%.

TOTAL COST, $75,000

Bond, $75,157. Sureties, American Surety Co. Limit, July 27. Plans and specifications filed.

Plumbing Permits

OAKLAND

5535 Grove St; owner, P Masone; dealer, G Murray; 1 fixture.

918 73rd Ave; owner, Pulliam; dealer, Finzel; 5 fixtures; 3 gas outlets.

1715 Broadway; Lingren's Shoe Co; dealer, Finzel; 2 fixtures.

2022 MacArthur; owner, ...; dealer, Finzel; 16 fixtures; 2 gas outlets.

1028 52nd St; owner, ...; dealer, Wm Souza; 1 fixture.

9431 E 14th Et; owner, Elmhurst Club; dealer, A Pines; 1 fixture.

2014 5th Ave; owner, J Majors; dealer, L Maddin; 6 fixtures; 1 gas outlet.

2307 38th Ave; owner, Zimmerman; dealer, L J Davis; 1 fixture.

2701 Durant Ave; owner, G Bonface; dealer, E J Hoerst; 1 fixture.

458 Rich St; owner, Bowles; dealer, J Goldstein; 1 fixture.

462 Santa Clara; owner, ...; dealer, Atlas Heating; 2 gas outlets.

815 Arlington; owner, M Anderson; dealer, M Anderson; 2 gas outlets.

1452 85th Ave owner, P Williams; dealer, W Datson; 6 fixtures; 3 gas outlets.

1341 106th Ave; owner, Johnson; dealer, M Priviati; 5 fixtures.

1000 42nd St; owner, J Moore; dealer, F Nearhood; 12 fixtures.

6309-11-15 MacArthur Blvd; owner, Stifle; dealer, J R Pierce; 20 fixtures; 12 gas outlets.

1625-27 86th Ave; owner, W Anderson; dealer, J R Pierce; 10 fixtures; 6 gas outlets.

2767-69-71 76th Ave; owner, Gustafson; dealer, J R Pierce; 16 fixtures; 9 gas outlets.

7877 Hillmont Dr; owner, Benson; dealer, J R Pierce; 7 fixtures; 3 gas outlets.

5258 College Ave; owner, ...; contractor, Gernhardt; 2 gas op.

Grand and Webster Sts; owner, K Hayes; contractor, H Clark; 4 pl fix.

1238 3rd Ave; owner, Geo Mold; contractor, O Hanson; 2 pl fix.

1436 48th Ave; owner, ...; contractor, Wm Souza; 3 pl fix.

NE Cor Grand and Euclid; owner, General Pet Co; contractor, O Hanson; 1 pl fix.

5246 Desmond St; owner, Campbell; contractor, T Donaldson; sprinkling system.

3617 Redding St; owner, Draper; contractor, T Donaldson; sprinkling system.

4197 Maple Ave; owner, R Mason; contractor, H Lee; 5 pl fix; 3 gas op.

5631 Shafter Ave; owner, Cutter; contractor, H Lee; 2 pl fix.

5715 Elizabeth St; owner, Mulvania; contractor, C W Roland; 3 pl fix.

3983 Altamont Ave; owner, Calioppo; contractor, C W Roland; 1 pl fix; 2 gas op.

54th Ave and E 12th St; owner, Calloway; contractor, C W Roland; 8 pl fix.

2006 37th Ave; owner, Riems; contractor, C W Roland; 1 pl fix.

7229 E 14th St; owner, Wilson Drug Co; contractor, J Tancredy; 2 gas op.

701 Jefferson St; owner, Don Woo; contractor, James Smith; 1 pl fix.

1501 37th Ave; owner, Palloid; contractor, G Bierman; 4 gas op.

Furnace Permits

OAKLAND

1151 76th Ave; owner, Pulliam; dealer, Finzel; floor furnace.

3330 Bond St; owner, East Shore Homes; dealer, Atlas Heating; floor furnace.

3338 Bond St; owner, East Shore Homes; dealer, Atlas Heating; floor furnace.

805 11th St; owner, Longe; dealer, Atlas Heating; central furnace.

3339 Harrier; owner, Fleming dealer, Atlas Heating; floor furnace.

3320 Bond St; owner, East Shore Homes; dealer, Atlas Heating; floor furnace.

3324 Bond St; owner, East Shore Homes; dealer, Atlas Heating; floor furnace.

6264 Claremont; owner, Margaret Rugg; dealer, Aladdin Heating; floor furnace.

Completion Notices

SAN FRANCISCO

Mar. 23, 1946—N Balboa 170 E 39th Ave. Sylvia Leavy and Shirley Michaels to Carlsen & Franz.........Mar. 23, 1946

SAN MATEO COUNTY

Recorded Accepted

Mar 23, 1946—LOT 4 Blk 28, San Mateo Terrace. Paul A Cleversy to Self..........March 14, 1946

Mar 23, 1946—LOT 21 Blk 6, Paradise Valley. Sunnydale Homes, Inc to Barrett & Hilp, 918 Harrison St, San Francisco....Mar 21, 1946

Mar 23, 1946—LOT 13 Blk 29, Milbrae Highlands. John D Magee to John M Johnson........Mar 21, 1946

ALAMEDA COUNTY

Recorded Accepted

Mar 25, 1946—679 CLEVELAND Ave, Albany. Clyde H and Lorenzo J Moffett to Herrick Iron Works..........March 15, 1946

Mar 26, 1946—PTN LOTS 28, 29, 30 and 31 Blk 12, Sunset Terrace, Albany. Geo R McNutt to whom it may concern..........March 25, 1946

Mar 26, 1946—PTN LOT 12 Blk Z, Toler Heights, Oakland. Harold J and Ivah L Redfern to G O West..........March 22, 1946

Mar 26, 1946—6144 PARSONS RD, Hayward. Thos A and Genevieve B Proctor to H Johanson..........March 23, 1946

Mar 26, 1946—LOT 117 and ptn 118 Blk 35, Amd map Havenscourt, Oakland. Lee B Matheyer to whom it may concern..........March 25, 1946

SAN MATEO COUNTY

Recorded Accepted

Mar. 23, 1946—Lot 10, Block 38, White Oaks No 4, San Carlos. Mr and Mrs A Gale to Sjoberg & Sjoberg..........Mar. 20, 1946

Mar. 19, 1946—Lot 8, ptn Lot 7, Studio Tract. C A Buck, et al, to whom it may concern..Mar. 11, 1946

Mar. 18, 1946—Harbor Blvd and Paloma Ave, Belmont. Carl J and Lydia T Klingborg to Irving Caster..........Mar. 12, 1946

Mar. 19, 1946—Lots 9 and 10, Block 19, Highlands, Emerald Lake. Herbert Shears to Leonard Realty Co..........Mar. 18, 1946

..........—Ptn Lots 19 and 20, Block 45, Easton No 4. E F Hale Jr, et al, to H E Winfrey...Mar. 18, 1946

Mar. 19, 1946—Lot 29, Block 38, White Oaks. Walter W Koithoff, et al, to Wm H Penaat..Mar. 16, 1946

Mar. 19, 1946—Ptn Lots 33 and 34, San Mateo City Homestead. Theodore P Egan, et al, to Finlof Bros..........Feb. 8, 1946

Mar. 19, 1946—Lot 23, Block 39, Easton Addition. Roland W Radder, et al, to G W Williams Co..........Mar. 12, 1946

Mar. 19, 1946—Ptn Lot 7, Block 10. J T McPherson, et al, to Sjoberg & Sjoberg..........Mar. 15, 1946

Mar. 19, 1946—Lot 4, Block 22, and Lot 4, Block 23, San Mateo Terrace No 7. Andrew J Gawley to whom it may concern...Mar. 18, 1946

Mar. 20, 1946—Lot 2 between Indiana Ave and Santa Inez Ave, City of San Mateo, oVelker Terrace. Henry and Christine L Voelker to whom it may concern..........Mar. 19, 1946

Mar. 20, 1946—Lot 3, between Indiana Ave and Santa Inez Ave, San Mateo, Voelker Terrace. Henry and Christine L Voelker to whom it may concern..........Mar. 19, 1946

Mar. 20, 1946—Lot 3, Block 6, Visitacion. James and Dortah V Watson Jr to Larson & Larson..........Mar. 20, 1946

Mar. 20, 1946—Lot 6, Block 3, B St Extension Tract, San Mateo. E R and Laura Chenier to E R Chenier..........Mar. 20, 1946

Mar. 20, 1946—Ptn Lot 4D, Block 15, Amended Map of Town of San Carlos. Jesse N Davis to whom it may concern..........Mar. 19, 1946

Mar. 20, 1946—Ptn of Map of Johsen Subdivision, beginning at a point on the NW line of Whipple Rd. Alexander and Louise Valenti to Hans P Dobkowitz....Mar. 19, 1946

Mar. 20, 1946—SE ½ Lot 9, Block 11, Oak Park Subdivision. Martin Jorgensen to McKeon Construction Co..........Mar. 16, 1946

Non-Responsibility

SAN FRANCISCO

Mar. 26, 1946—77 Sumner. Kathleen B Pringle and the Bank of California as to improvements on property.

Electrical Permits

SAN FRANCISCO

256 W side Arch 200 S Garfield; owner, Frank J O'Nel; contractor, Arc Electric; ....

257-58 1058-52 Alemany Blvd; owner, Barber; contractor, Arc Electric; 10 outlets; 10 switches; 8 plugs.

259 2400 Diamond; owner, B Lindsay; contractor, Arc Electric; 14 outlets; 12 switches; 10 plugs.

260 371 Vernon St; owner, Dahlstrom; contractor, Arc Electric; 14 outlets; 12 switches; 10 plugs.

261 99 Maynard; owner, O'Donald; contractor, Arc Electric; 2 outlets; 3 plugs.

262-6 3 Various locations and owners; contractor, QRS Neon Co; signs.

264 N Greenwich 200 W Steiner; owner, ...; contractor, Arc Electric; ....

265 1175 Stanyan; owner, Fachlbreu; contractor, Century Electric; ....

266 575 Geary; owner, Eppa; contractor, Century Electric; alterations.

267 498 14th St; owner, Lane; contractor, Tunnel Electric; ....

268 2198 Union; owner, W Sheldey; contractor, J K Herzog; ....

269 Davidson & Lane; owner, Western California Products; contractor, Marine Electric; service; motors.

270 1106 Market; owner, Bunny's; contractor, Marine Electric; ....

271 835 Howard; owner, Hayes; contractor, Marine Electric; ....

272 2285 35th Ave; owner, Gavazza; contractor, Edison Electric; 11 outlets; 14 switches; 13 plugs.

27 3 2200 Sutter; owner, White's Home; contractor, Frank F Goodman; 29 outlets; 19 switches; 22 plugs; service; motors.

274 10 Tenny Place; owner, Faber Co; contractor, Frank F Goodman; service; motors.

275-76 747 Market St; owner, Deitz Bros; contractor, Pacific Elec & Mech Co. Inc; ....

277 61 Ellis St; owner, A S Samuels; contractor, Pacific Elec & Mech Co; 20 outlets; 10 switches; 15 plugs.

278 16 Market St; owner, Allred Cafe; contractor, Bertrand Electric; 2 outlets; motors.

279 315 Market St; owner, Allred Cafe; contractor, Bertrand Electric; 1 switch.

280 511 Brannan; owner, Rosberg; contractor, Lynch Electric; 4 outlets; 1 switch; 6 plugs; alterations.

281 1107 Mission; owner, Arthur Yu; contractor, Lynch Electric Co; ....

282 5451 Mission; owner, Aragon; contractor, Lynch Electric; ....

283 101 Howard; owner, Folger Coffee Co; contractor, Chas A Langlais; 5 outlets; 1 switch.

284 2259 Washington; owner, A Johnson; contractor, Chas A Langlais; motors.

285 1340 Steiner; owner, A White; contractor, Central Electric; 1 plug.

286 2488 San Bruno Ave; owner, Fisher; contractor, Malm & Welter; 9 outlets; 1 switch.

287-8 Various locations and owners; contractor, Wonderlite Neon Products Co; signs.

289 1908 Fillmore; owner, Leary's Cafe; contracotr, W H Kirsten; one plug.

290 1597 Post St; owner, ...; contractor, W H Kirsten; 1 plug.

291 2416 Market St; owner, Rostorfer; contractor, W H Kirsten; 5 outlets; 6 switches; 8 plugs.

292 1639-A Market Street; owner, Young-Edwards; contractor, M Schimetschek; 1 outlet.

293 953 Mission St; owner, Solomon; contractor, M Schimetschek; 3 outlets; 1 plug; motors.

294 1639 Market St; owner, Bucker; contractor, M Schimetschek; 2 outlets; 1 switch.

295 840 McAllister; owner, ...; contractor, M Schimetschek; ....

296 N Pacheco 75 W 47th Ave; owner, M J King; contractor, M Schimetschek; ....

297 230 Napoleon St; owner, ----; contractor, Weidenthal - Gosliner Elec; service; motors.

298 3820 Fulton St; owner, ...; contractor, Golden Gate Elec Company; ....

299 3814 Fulton St; owner, ----; contractor, Golden Gate Elec Company; ....

300 54 Macondray St; owner, Mulholland; contractor, Casey Elec; 10 outlets; 10 switches; 10 plugs.

301 531 Jackson; owner, Anderline; contractor, Mercury Elec Co; ....

302 814 Mission St; owner, Pacific Fruit Exchange; contractor, M Schimetschek; 6 outlets; 1 switch; 22 plugs.

303 1155 McAllister; owner, Coleman; contractor, M Schimetschek; 14 outlets; 3 switches; 6 plugs; serv.

304 598 Bosworth; owner, Fitzgerald; contractor, Brite-Lite Neon; signs.

305 740 Polk St; owner, Chanslor & Lyon; contractor, Home Elevator Co; ....

306 E Capp 100 16th St; owner, Lachman Bros; contractor, Home Elevator Co; ....

307 209 Post St; owner, C Howard; contractor, Bertrand Elec Co; 3 outlets; 2 switches; 6 plugs.

308 1540 Polk St; owner, Pillow; contractor, Eureka Elec Co; 5 outlets; 12 plugs; service.

309 1348 9th Ave; owner, J Petty; contractor, Eureka Elec Co; 6 plugs; service.

310 29 Sycamore; owner, H Berg; contractor, Dowd-Seid Elec Co; alterations.

311 2433 Mission St; owner, E F Biggins; contractor, Dowd-Seid El Co; alterations.

312 478 Eureka; owner, Mrs M Smith; contractor, Dowd-Seid Elec Co; alterations.

313 977 Valencia; owner, Doctor Graves; contractor, Dowd-Seid Elec Co; ....

314 3698 California Street; owner, Hahnemann Hospital; contractor Pacific X-Ray Co; ....

315 1585 Folsom St; owner, California Elec Supply Co; contractor, Kennedy Elec Co; 45 outlets; 26 switches; 58 plugs; service.

316-18 Various locations and owners; contractor, Halihan Neon Mtce; signs.

319 899 Pacific St; owner, Minnie Minniwitch; contractor, Neon Sales & Service Co; signs.

320 1407 Van Ness Ave; owner, Little Fawn; contractor, Byington Elec; alterations.

321 2735 Clay St; owner, Paskevitch; contractor, Byington Electric; alterations.

322 895 Post Street; owner, Best Fluorescent Co; contractor, Byington Elec; alterations.

323 1337-39 Post St; owner, Willard; contractor, Byington Elec; .....

324 654 Elizabeth; owner, Guisti; contractor, Byington Elec; ....

325 3597 Sacramento; owner, Pace Market; contractor, Byington Elec; 2 outlets; service; motors; alter.

326 3675-7 20th St; owner, Koidu; contractor, Byington Elec; 50 outlets; 40 switches; alterations.

327 471 Arguello Blvd; owner, Boas Motor; contractor, Byington El; motors.

328 517 O'Farrell; owner, Butcher Shop; contractor, Byington Electric; motors; alterations.

329 W San Jose Ave 75 N 25th; owner, Rousseau; contractor, Strom & Smith; ....

330 146 Jordan; owner, ...; contractor, Strom & Smith; 2 outlets; 2 switches; 3 plugs.

331 to 341 2158-60, 2154-6, 2150-52, 2146-48, 2142-44, 2138-40, 2134-36, 2130-32, 2126-28, 2122-24, 2118-20 19th Ave; owner, Pacific Constr Co; contractor, Strom & Smith; 3 outlets; 20 switches; 28 plugs.

342 103 Taylor St; owner, ...; contractor, Malm & Welter; 10 outlets; 4 plugs.

343 740 Taylor St; owner, Stephens; contractor, Malm & Welter; 6 outlets.

344 300 Yerba Buena; owner, Anderson; contractor, Fred Johnson El Co; ....

OAKLAND

36377 109th Ave and E 14th St; owner, Chevrolet Plant No 2; contractor, Pacific Electric Motor Co; outlets; switches; fixtures.

36378 Foothill Blvd and Hillside; owner, Chevrolet Plant No 1; contractor, Pacific Electric Motor Co; service.

36379 Foothill Blvd and Hillside; owner, Chevrolet Plant No 1; contractor, Pacific Electric Motor Co; alterations.

36380 5850 Marshall; owner, Hoospool & Romine; contractor, Pacific Electric Motor Co; 5 hp motor.

36381 610 16th St; owner, Fields; contractor, Pacific Electric Motor Co; alterations.

36382 3120 Elmwood; owner, Anfo Mfg Co; contractor, Pacific Electric Motor Co; outlets; switches; fixtures; plugs.

36383 601 36th Ave; owner, Monson Bros; contractor, Pacific Electric Motor Co; motors.

36384 2400 Wood St; owner, Arden Farms; contractor, Pacific Electric Motor Co; alterations.

36385 4821 Tidewater St; owner, Pacific Tank & Pipe Co; contractor, Pacific Electric Motor Co; motors.

36386 24th and Broadway; owner, MacFarlane; contractor, Pacific Electric Motor Co; outlets; switches; fixtures; plugs; alterations.

36387 1459 14th St; owner, Fiore; contractor, Radiant Neon Displays; sign.

36388 6235 College Ave; owner, Olbert & Lee; contractor, Radio Neon Displays; sign.

36389 4260 Broadway; owner, Fond; contractor, Broadmoor Electric Co; service; alterations.

36390 1796 7th St; owner, Woodman; contractor, T Bushman; 8 outlets; 5 switches; fixtures; 5 plugs.

36391 3420 Andover St; owner, Nelson A Wells; contractor, special owner; service.

36392 8107 MacArthur; owner, Pup Meat Market; contractor, R F Long; service.

36393 2414 E 22nd St; owner, Melikean; contractor, special owner; plugs; service.

36394 3214 MacArthur; owner, Cushings; contractor, General Neon Lite Co; sign.

36395 1487 7th St; owner, Goodwill Industries; contractor, T L Rosenberg ;4 fixtures.

36396 18th and Madison; owner, Buckingham Builders, Inc; contractor, Spott Electrical; outlets; plugs.

36397 1018 Standford Ave; owner, Gaba & Dames; contractor, James Anderson; outlets; switches; fixtures; plugs; saw motors.

36398 315 Magnolia; owner, Haslett Warehouse; contractor, Matson Electrical; motors.

36399 5867 Fremont; owner, Militello; contractor, Clifford Electric Co; outlets; switches; fixtures; plugs.

36400 1300 Broadway; owner, Lerner; contractor, Western Neon Corp; sign.

36401 SE E 27th and 23rd Ave; owner, Bess Green; contractor, T L Rosenberg; 1 outlet; 7 fixtures; 3 plugs.

36402 730 Myrtle St; owner, Market Laundry; contractor, T L Rosenberg Co; motors.

36403 340 29th Ave; owner, Holme Mfg Co; contractor, T L Rosenberg; outlets; switches; plugs; service.

36404 1112 Myrtle St; owner, Mathews; contractor, Abbett Electric; 10 fixtures; alterations.

Engineering Section

3/27/46 ** 43

BIDS POSTPONED

SHOSHONE PROJECT, KENDRICK PROJECT, Wyoming.—Until April 24, 2 P. M. (Postponed from April 3), bids will be received by the Bureau of Reclamation, Denver, Colo., under Spec. 1217 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Casper, Wyo., Thermopolis, Wyo., and Cody, Wyo., at the option of the bidder, three sets of carrier-current telephone apparatus for installation in the Shoshone power plant and the Thermopolis substation, Shoshone Project, Wyoming, and the Casper substation, Kendrick Project, Wyoming, and coupling capacitors and line traps for installation at the Shoshone power plant and the Thermopolis substation. The apparatus will be installed by the government. No charge for copies of the specifications to prospective bona fide bidders; to others, $0.75, not returnable.

3/27/46 ** 43

BIDS OPENED

SACRAMENTO, Calif.—The following submitted bids to State Purchasing Agent, Sacramento, for equipment as follows:

QUO. 42049, REQ. 16708:

Shovel for Glendale.

Harnischfeger Corp., P. & H. Model 655-H, 91,600 lbs. weight; price, $30,697.70; includes tax; delivery September, 1946; discount $564.68; 15 days from invoice date.

Smith-Booth-Usher Co., Link-Belt Speeder 360, 96,500 lbs. weight; price, $30,229.50; November, 1946; net.

LeRoi Rix Co., Lorraine Model 80; no weight given; price, $25,025 plus freight of $2030; delivery August, 1946; no discount.

Shaw Sales & Service, Marion Model 362; 95,000 lbs. weight; price, $27,050; delivery first quarter of 1947; discount 2 per cent 30 days.

Crook Co., Bucyrus-Erie 38-B, 97,500 lbs. weight; $24,908.75 plus freight of $1983.37; delivery early in 1947; net.

Northwest Engineering Co., Northwest Standard Model 6, 96,000 lbs. weight; price, $22,280, f.o.b. Green Bay, Wis.; delivery last half of 1947; net.

QUO. 43518, REQ. 21868:

H. Earl Parker, $.072, f.o.b. Marysville.

American Bitumuls, $.072 trucks; $.082 drums, Yuba City; awarded.

3/27/46 ** 43

BIDS WANTED

MONTEREY AND SAN LUIS OBISPO COUNTIES, Calif.—Until April 1, 10 A. M., bids will be received by the State Division of Highways, L. H. Gibson, district engineer, 50 Higuera St., San Luis Obispo, for rental of one self-propelled tamping-leveling-finishing machine for approximately two months' work in Monterey and San Luis Obispo counties.

Specifications obtainable from the above office.

OFFICIAL PROPOSAL

FIRST PUBLISHED TODAY

Restoration of Sites, Areas A and B

Sealed bids will be received by the Chicago Bridge and Iron Company, Post Office Box 1022, Eureka, California, until 11 A. M. Pacific Standard Time, **Tuesday, April 9, 1946,** at which time they will be opened and read in the presence of a representative of the U. S. Navy, Bureau of Yards and Docks, for the following contracts:

Restoration of Site—Area A.

Restoration of Site—Area B.

"Restoration of Site, Area A," is for the removal of and disposition of various waterfront and shipbuilding facilities including timber sheetpile cofferdams, mooring dolphins, an outfitting dock, and various shipways and miscellaneous structures. Award will be made by lump sum contract.

"Restoration of Site, Area B," is for the removal of and disposition of various site facilities including twenty or more frame buildings, timber prefabrication slabs, fences and miscellaneous structures. Award will be made by lump sum contract.

Maps, specifications, proposal forms and proposed contract forms may be obtained at the Eureka office of the Chicago Bridge and Iron Company, foot of Washington Street, Eureka, California.

CHICAGO BRIDGE AND IRON COMPANY
by N. M. BURDICK,
Resident Manager.
(Daily Pacific Builder)
(Mar. 27-28-29, 1946)

Classified Advertising

HELP WANTED

CONSTRUCTION SUPT. or FOREMAN for structural concrete jobs on highways, bridges and reservoirs. Man with crew preferred. State exp. and salary expected. Reply Box 326, c/o Daily Pacific Builder. to 3/29/46

Fully experienced FIRST CLASS DRAFTSMAN for substantial contemporary work. Mendelsohn, Dinwiddie & Hill, 233 Sansome St., San Francisco 4. (3/22-25-26-27-28/46)

POSITION WANTED

Man with 25 years' experience in building and building materials in this area. SALES, DRAFTING, TAKEOFF, BOOKKEEPING, THOROUGH KNOWLEDGE OF ALL BUILDING MATERIALS, desires connection with builder or material firm. Phone Mr. Greene, Mission 2008. 3/27-28-29/46

CONTACT MAN. Available April 1st. Excellent connections with leading West Coast Contractors and Architects; 12 yrs. heavy construction exp. in field and management. Reply Box 328, c/o Daily Pacific Builder. to 3/29/46

LUMBERMAN—GRADUATE ENGINEER; 12 yrs. lumber production and distribution. Also experienced in heavy construction field work and estimating. Excellent connections Northwest Mills. Reply Box 327, c/o Daily Pacific Builder. to 3/29/46

DRAFTING SERVICE

Have us draft your ideas into detailed plans. East Bay Drafting Service, 1211 Stannage Ave., Berkeley 6, or 'phone Berkeley 7230-W. (to 4/1/46)

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LIBRARY

PLANS and Speculations

San Francisco: Low cost permanent paper homes are being constructed by a firm here. The material used, called Sonsoweld, consists of two thin panels of hard, compressed paper impregnated with resin and held apart by wood strips.. The space between the panels is filled with a corrugated paper core.

oOo

San Mateo: Additional support for the South San Mateo office was given today when Sen. Wm. F. Knowland pledged his support of the project.

oOo

Sacramento: Lt. General R. A. Wheeler, chief of the Army Engineers, is slated to confer with Governor Warren and make a tour of proposed engineer projects in the Sacramento and San Joaquin valleys during the first of April.

oOo

Long Beach: Under the $1,250,000 expansion program of the Hilton Hotels, visitors to the Long Beach airport will soon be whisked to Hotel Hilton in an "air taxi", Charles W. Gaskins, manging director of the chain announced.

#

Steel Exports Restricted by OIT

In response to a request from the Civilian Production Administration, the Office of International Trade, Department of Commerce, has placed restrictions on the export of several steel products essential to the housing program.

The list includes structural iron and steel buildings, pre-fabricated and portable houses, metal window frames and window sash, metal shutters, sheet culverts, pre-fabricated doors, copper wire, roof ventilators, sheet metal ducts and certain zinc products. Quantities of any of these items valued in excess of $100 may not be exported without an individual export license from OIT. It is expected that if other commodities needed for housing become in short supply, they will be added to the restricted list from time to time.

Review Seminar and Educational Classes Planned by S. F. Architectural Club

The San Francisco Architectural club is preparing to re-open its regular pre-war classes and atelier.

In addition, an architectural seminar is offered to assist those persons interested in review because of having been engaged in other work during the war, or because they plan to take the state architectural examination this Summer.

The seminar will consist of 15 lectures to be given two nights weekly starting about the second week in April. Lasting for two full hours, they will be presented by architects and engineers fully qualified on selected subjects.

Cost of seminar is free to members, and $15.00 to non-members. Membership in the club means annual dues of only $10, so some may wish to join at this time in order to take advantage of the course.

The educational course to be offered covers a variety of 24 subjects ranging from drafting procedure to public speaking and business English.

The tentative courses of instruction also include architectural design, history, theory, detailing and structural engineering for architects. Building codes, materials, acoustics and sound control, estimating, specification writing and legal aspects, mechanical and electrical engineering, rendering, color, perspectives, landscaping, outdoor sketching, freehand drawing, furniture design and office procedure.

Persons interested in attending either of the classes or the seminar, should write to the San Francisco Architectural club, 666 Mission street, before Apr. 3, stating their business address, telephone, firm name, and whether or not they are veterans of World War II.

Starting dates, instructors and costs of the educational course will be announced at a later date. There will be no charge for attendance at the first meeting of the seminar.

#

Million Dollar Blaze Levels 2 Warehouses

Fire early yesterday caused damage estimated at over a million dollars to two block - long warehouses containing trucks, tires and equipment at the Marine Corps Belair Sub Depot in South San Francisco.

Bulldozers, jeeps, trucks, motors, transmissions and other automotive equipment was left in embers as the two frame buildings rapidly went up in the heated blaze.

Fire departments from San Bruno, San Mateo, Burlingame and South San Francisco were aided by Marine firefighters.

#

DEPT. OF COMMERCE BULLETINS AVAILABLE

A new list of booklets of interest to our readers, copies of which may be obtained from the Department of Commerce, Industry Division, has been published. Kindly nention the Facts for Industry publication of the department when writing.

The booklets are:

Paint, Varnish, Lacquer, and Filler. (Series M19J-125). Dec., 1945, and Annual Summary; 2 pg.

Plastic Water Paints, Cold Water Paints, and Calcimines. (Series M-9W-125.) Dec., 1945, and Annual Summary; 2 pages.

Aluminum Wrought and Cast Products. (Series M24B-105.) Oct:, 1945; 2 pages. Monthly.

Floor and Wall Tile, Drain Tile, and Other Structural Clay Products. (Series M26A-04.) 1944; 3 pg.

Electric Lamps. (Series M32B-95.) January-September 1945; 2 pages.

Glass Containers. (Series M77C-125.) 19'5; 3 pages. Annual.

Glass Manufacture. (Series 9-6-1.) 1941 and first half of 1942; 4 pages.

Cork. (Series 11-3-1.) Stocks and Consumption 1942-1944; 4 pg.

Water Heaters, Range Boilers, and Hot Water Storage Tanks. (Series 14-14-1.) June 1944-August 1945; 21 pages.

Consumption of Paper in Commercial Printing, as Defined in War Production Board Limitation Order, L-241, in the United States During 1941. (Series 23-4-1.); 5 pages.

Webbing, Tapes and Braids. (Series 32-11-1.) Quarterly Production, Jan.-Sept., 1945; 5 pages.

Locomotives. (Series 35-2-1.) Deliveries, by Type, 1942-Aug., 1945; 2 pages.

Patent Documents Should Be Written Simply, Concisely

Patent documents should be simplified, more concise, written in easily understandable language and stripped of much of the legal and technical verbiage that now makes many of them all but unintelligible even to the trained examiners who have to read them, according to Patent Commissioner Casper W. Ooms, of the Department of Commerce.

All that the law requires, Ooms said, is that a patent application shall carry a written description of the invention and the manner of its use "in such full, clear, concise and exact terms as to enable any person skilled in the art" to use it, and that the inventor "shall particularly point out and distinctly claim the part, improvement, or combination which he claims as his invention or discovery."

Instead of conforming to this simple requirement, many patent applications are drawn up under titles so general as to be almost meaningless and giving no clue to the nature of the invention patented. Moreover, the language of the application is often so evasive that the essential part is obscured, Ooms said.

One difficulty is that most inventors and their attorneys generally make the basic claim of the invention as broad as possible and list each contemplated permutation of the form of the invention on the theory that it is necessary in order to cover every possible form of infringement.

In some courts this may have been true, Ooms said, but recent court decisions hold that a patent, state din a broad definition, is amply protected by what is known as the "doctrine of equivalents." If this doctrine is generally followed in the courts, patent attorneys may in time become reconciled to a simple, broad statement of the patent claim, Ooms said.

#

SURPLUS TENT SALE

Approximately 152,000 mountain tents declared surplus by the Army are now on sale to priority claimants—Federal, State and local governments, and veterans—as well as wholesalers and retailers, the War Assets Corporation, 30 Van Ness Ave., announced today.

GROOVER AND I

THE ARCHITECT

Before the ink was dry on yesterday's column regarding architectural house designs for 25-foot lots, there were two responses:

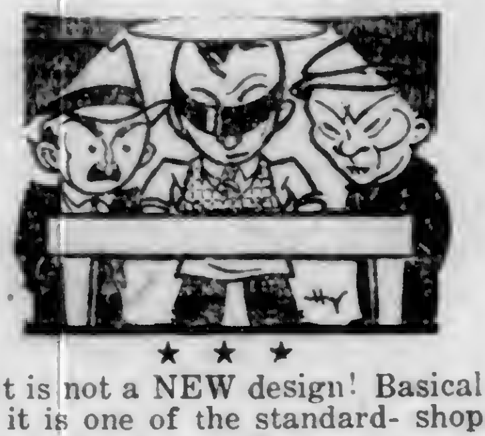
★ ★ ★

One reader accuses me of advoating our 25-foot lots. I'm not ADVOCATING them—I said we were STUCK with them!

★ ★ ★

Another reader mentioned that I should see the new, modern house at such-and-such address. I know that house. It is newly built. It is very attractive and has many unique innovations, but:

★ ★ ★



★ ★ ★

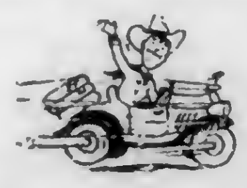
It is not a NEW design! Basically, it is one of the standard- shopworn bleprints with a few new angles and venetian blinds.

★ ★ ★

I have a profound admiration and respect for the serious practicioners of the Architectural Profession. The Architect, far more than we realize, influences our lives and destiny. From the maternity ward to the mortuary and mausoleum, he designs and shapes the Walls of our Environment.

★ ★ ★

Let the Architect direct his serious thought, his imagination and ingenuity to our panatella-shaped lots—and there may be developed a new Design for Living.



#

CONVERT TROOPSHIPS

Contracts for the reconversion of the troop ships "General M. C. Meigs" and "General W. H. Gordon" have been awarded to the Moore Dry Dock Company of Oakland, according to announcement today by the U. S. Maritime Commission.

Plant Construction and Equipment to Hit Over Two Billion Mark in First Quarter

American business, exclusive of agriculture, contemplates spending about $2.1 billion for new plant and equipment during the first quarter of 1946, according to the quarterly survey made public jointly by the Department of Commerce and the Securities and Exchange Commission.

This may be compared with $1.9 billion for the last quarter of 1945 and $1.5 billion during the third quarter. Since the beginning of 1945 there has been a steady increase in the amount of such expenditures with estimated outlays in the first quarter of 1946 twice those in the first quarter of 1945.

Basic data for this release were derived from reports submitted by most corporations registered with the Commission and from a large sample of unregistered companies, unincorporated as well as incorporated. These data, collected during the fourth quarter of 1945, include actual plant and equipment expenditures for the third quarter and anticipated plant and equipment expenditures for the last quarter of 1945 and the first quarter of 1946.

All figures presented in this release are estimates for the whole of American industry based on the sample data.

The survey indicates that anticipated expenditures on new plant and equipment in the first quarter of 1946 and the last quarter of 1945, estimated at $2.1 billion and $1.9 billion, respectively, will be considerably higher than the actual quarterly expenditures in the first part of 1945.

This increase reflects the accumulation of civilian demands for new plant and equipment and the lifting of controls and gradual easing of materials resulting from the end of the war.

If the anticipated expenditures actually eventuate, expenditures on new plant and equipment in the first quarter of this year would be at approximately the same annual rate as in the peak year 1941 though less when an adjustment is made for differences in the price level.

It is possible from the survey to compare actual expenditures on new plant and equipment with those that had been previously anticipated by the companies. During the third quarter of 1945 industry generally made smaller capital outlays than had been planned. In that quarter, actual expenditures on new plant and equipment averaged 90 per cent of the amount anticipated. Apparently capital goods were still not available to the extent that had been expected. Preliminary reports indicate, however, that actual expenditures during the fourth quarter were generally closer to anticipations.

ARCHITECTS' LUNCHEON

Northern California Chapter of American Institute of Architects meet Mar. 29 at noon, in the new California room at Palace hotel.

Members should make known their reservations by calling Theodore C. Bernardi, Chairman Special committee, EXbrook 8918.

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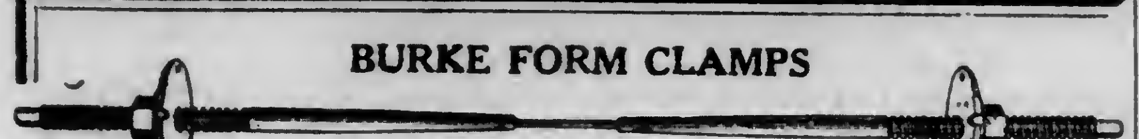

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ADVANCE CONSTRUCTION REPORTS

DAILY PACIFIC BUILDER

(Established 1890)
Issued Every Morning, Except Saturday, Sunday and Legal Holidays

DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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1-8—COMMERCIAL BLDGS.

3/28/46 • 6
TO START WORK
STORE BUILDING Est. Cost, $18,000
PALO ALTO, Santa Clara Co., Calif. Ramona St.
Construction of two-story reinforced concrete store building, terra cotta facing.
Owner—Donald Doane, 2480 Bryant St., Palo Alto.
Architect—Henry Morgan Stedman, 666 Kellogg Ave., Palo Alto.
Contractor—G. H. Meese, P. O. Box 548, Redwood City.

3/28/46 • • 4
BIDS WANTED
OAKLAND, Alameda Co., Calif.—Until April 9, 2 P. M., bids will be received by the U. S. Engineer Office, 74 New Montgomery St., San Francisco, under Serial No. 04-203-46-12 for dismantling, demolition and removal of temporary buildings and government property on premises of Chevrolet Motor Co., 10626 E. 14th St., Oakland.
Specifications obtainable from the above office.

3/28/46 ** 2
PLANS COMPLETED
AUTO LAUNDRY
Approximate Cost, $30,000
OAKLAND, Alameda County, Calif. Mosswood Rapid Auto Laundry, 21st and Harrison Sts.
Construction of assembly line type automobile laundry building (41.6x 170 ft.), of reinforced concrete and steel.
Owners—Lee B. Gilpin and Albert K. Whitton.
Architect—Houghton Sawyer, 5369B Broadway, Oakland.

3/28/46 ** 4
CONTRAST AWARDED
CONTROL OFFICE
Contract Price, $28,657
SAN FRANCISCO. Geary St. Carhouse.
Construction of central control office, Municipal Railway Contract No. 244
Owner—Public Utilities Commission, Room 287 City Hall.
Contractor—Wm. Martin & Son, 666 Mission St.

3/28/46 •
TO AWARD CONTRACT
FREIGHT TERMINAL
Estimated Cost, $125,000
LOS ANGELES, Los Angeles County, Calif.
Construction of freight terminal and office.
Owner—California Motor Express, Ltd., 1005 Hooper Ave., Los Angeles.
Consulting Engineer—H. M. O'Neil Co., 610 6th St., Oakland.
A contract is expected to be awarded shortly.

3/28/46 • 8
WORK UNDER WAY
FURNITURE STORE Cost, $250,000
SACRAMENTO, Calif. 14th and K Streets.
Construction of three-story building (80x180 ft.), with foundation allowing for addition of two stories; air conditioning throughout.
Lessee—Jackson Furniture Co., Frank K. Jackson, president, Clay at 13th St., Oakland.
Owner—J. Blumenfeld.
Architect—Herbert E. Goodpastor, Mitau Bldg., Sacramento.
Contractor—A. E. Erickson & Sons, 1932 El Monte Ave., North Sacramento.

3/28/46 • 6
PREPARING WORKING DRAWINGS
STORE BLDG. Approx. Cost, $75,000
FRESNO, Fresno County, Calif. Olive and Wilson Aves.
Construction of concrete and brick store building.
Owner—Marks Furniture Store, c/o architect.
Architect—H. Rafael Lake, and Wm. Hastrup, associate, Patterson Bldg., Fresno.

3/28/4 6 • 6
PREPARING PLANS
STORE BUILDING
HALF MOON BAY, San Mateo Co., Calif. Alhambra Blvd.
Construction of one-story store building with stucco exterior.
Owner—Withheld.
Architect—Oscar R. Thayer, 1257 Cabrillo Ave., Burlingame.

3/28/46 • 8
CONTRACT AWARDED
DISPLAY ROOM Est. Cost, $52,000
SACRAMENTO, Sacramento County, Callfg. 17th and K Sts.
Construction of one-story reinforced concrete automobile display building (80x160 ft.) to contain offices and repair dept.; wood trusses and roof, gas heat, stucco interior, steel sash.
Owner—Alison Ware and associates.
Lessee—Western Motors, agent for Kaiser-Frazer Co.
Architect—Herbert E. Goodpastor, Bitau Bldg., Sacramento.
Contractor—Transwestern Construction Co., 1402 Front St., Sacramento.

3/28/46 • 6
CONTRACT AWARDED
STORE BUILDING Cost, $25,000
FRESNO, Fresno County, Calif. San Joaquin and Fulton Sts.
Construction of brick store building.
Owner—T. Booras, c/o architect.
Architect—H. Rafael Lake, and Wm. Hastrup, associate, Patterson Bldg., Fresno.
Contractor—J. Dan Shorb, 1295 Linden Ave., Fresno.

3/28/46 ** 6
PREPARING WORKING DRAWINGS
STORES AND OFFICES
Approximate Cost, $125,000
PITTSBURG, Contra Costa Co., Calif. Fifth to Sixth St., immediately west of Purity's parking strip.
Construction of two-story steel frame and reinforced concrete building (35x250 ft.) to contain stores on first floor and offices on second floor; concrete floors.
Owner—Alphonse Affinito, 295 W. 6th St., Pittsburg.
Architect—Philip D. Tomasello, 605 Washington St., San Francisco.

3/28/46 • 6
WORK UNDER WAY
STORE BLDG. Approx. Cost, $80,000
SACRAMENTO, Calif. 1324 J St.
Construction of reinforced concrete, wood frame store building; wood trusses, air conditioning, gas heating, etc.
Owner—J. Blumenfeld.
Architect—Herbert E. Goodpastor, Mitau Bldg., Sacramento.
Contractor—A. E. Erickson & Sons, 1932 El Monte Ave., North Sacramento.

3/28/46 3
SUB-CONTRACTS AWARDED
MILL AND WAREHOUSES
PETALUMA, Sonoma County, Calif. D, First and Second Sts.
Construction of three-story feed mill (50x100 ft.) and three warehouses, occupying lots 50x100 ft.), concrete floors and foundations, buildings of frame and corrugated iron, with aggregate blocks used in firewalls between mill and warehouses; all buildings in one unit.
Owner—M. Vonsen Co., Western Ave. and Keller St., Petaluma.
Contractor—Vogensen Construction Co., 515 H St., Petaluma.
Roofing—M. Vonsen Co., corner Western Ave. and Keller St., Petaluma.
Plumbing—Not let.
Electric Wiring—Not let.
Sheet Metal—Acme Sheet Metal Co., 11 E. Washington St., Petaluma.
Brick and Stone Work—W. Olsen, 617 I St., Petaluma.
Foundations and Concrete — A. O. Shlunegar, Petaluma.
Hardware—Tomasini Hardware Co., 120 Kentucky St., Petaluma.

3/28/46 • 6
CONTRACT AWARDED
STORE BUILDING Est. Cost, $20,000
SAN CARLOS, San Mateo County, Calif.
Construction of one-story reinforced concrete store building.
Owner—Michael Berganton, c/o architect.
Architect—John B. McCool, 177 Post St., San Francisco.
Contractor—Charles J. Pedersen, 333 Occidental Ave., Burlingame.

3/28/46 • 6
TO START WORK
STORE BUILDING Est. Cost, $22,000
PALO ALTO, Santa Clara Co., Calif. Ramona St.
Construction of two-story reinforced concrete store building, terra cotta facing.
Owner—E. Needham, 561 Ramona St., Palo Alto.
Architect—Henry Morgan Stedman, 666 Kellogg Ave., Palo Alto.
Contractor—G. H. Meese, P. O. Box 548, Redwood City.

3/28/46 ** 3
FIRE LOSS
SOUTH SAN FRANCISCO, San Mateo Co., Calif.—Fire yesterday destroyed two block-long warehouses containing trucks, tires and other equipment at the Marine Corps Belair Subdepot in South San Francisco, with loss estimated at $1,000,000.

9-10—EDUCATIONAL BUILDINGS

3/28/46 ** 9
TO ASK BIDS
SCHOOL BUILDING
ROSEVILLE, Placer County, Calif. Woodbridge Elementary School.
Construction of three additional classrooms to the Woodbridge Elementary School.
Owner—Roseville Elementary School District, Roseville.
Architect — Leonard S. Starks, 310 Bank of America Bldg., Sacramento
Plans for the improvements have been approved by the city school board of trustees and are to be submitted to the state authorities for final approval.

3/28/46 ** 9
BONDS VOTED
SCHOOL IMPROVEMENTS
Estimated Cost, $48,000
WOODSIDE, San Mateo Co., Calif. Woodside Elementary School, Woodside Road.
Construction of two additional classrooms and remodeling of present school building, including paving and yard work.
Owner—The Greersburg Elementary School District, W. W. Mein Jr., trustee, Woodside School, Woodside and Albion Roads, Woodside.
Architect—Hervey Park Clark, 210 Post St., San Francisco.
The school district voted bonds March 26 in the amount of $48,000, proceeds of which will be used to finance construction.

3/28/46 • 9
FUNDS SOUGHT
SCHOOL ADDITION
SALINAS, Monterey County, Calif. Fremont School.
Construction of school addition to contain eight classrooms.
Owner — Alisal Union Elementary School District, Salinas.
Architect—William Henry Rowe, 214 Front St., San Francisco.
The school district recently voted bonds in the amount of $103,000, proceeds of which will assist in financing construction; additional funds are now being sought from the county.

3/28/46 ** 9
BIDS REJECTED—BOND ELECTION AUTHORIZED
SCHOOL BUILDINGS
PITTSBURG, Contra Costa Co., Calif.
Construction of two frame and concrete and brick veneered additions, one 3-classroom addition to the senior high school and one 4-classroom and toilet addition to the junior high school.
Owner—Pittsburg Unified School District, Armand Stow, clerk, Senior High School, School St., opposite Norton St., Pittsburg.
Architect—Charles F. Dean, California State Life Bldg., Sacramento.
All bids received March 18 were rejected, at which time Lawrence Construction Co., 3020 V St., Sacramento, at $111,893, submitted the low bid.
At the same time the Board of Trustees voted to call an election to authorize bonds in the amount of $850,000, proceeds of which would finance construction of Pittsburg's school needs.

3/28/46 ** 9
BOND ELECTION
SCHOOL BUILDING Cost, $18,000
SONOMA COUNTY, Calif.
Construction of school building.
Owner — Payran Elementary School District.
Architect—Not given.
The district will vote April 2 on a proposal to issue bonds in the amount of $18,000 to finance the above construction.

3/28/46 ** 9
BOND ELECTION
SCHOOL BUILDINGS Cost, $325,000
CAMPBELL, Santa Clara Co., Calif.
Construction of two new primary school buildings.
Owner—Campbell Union Elementary School District, Campbell.
Architect—Ernest J. Kump Co., 251 Kearny St., San Francisco.
The district will vote May 24 on a proposal to issue bonds in the amount of $325,000 to finance the above construction.

11—HOSPITALS

3/28/46 ** 11
BIDS OPENED
HOT WATER RISERS
SAN FRANCISCO. Health Center Building, southwest corner Polk and Grove Sts.
Replacement of hot water risers and branches; Job No. 502.
Owner—Department of Public Works, Room 282 City Hall.
City Architect—Dodge A. Riedy, Rm. 265 City Hall.
Low Bidder—Herman Lawsno Co., 465 Tehama St., $793.
O'Mara & Stewart, Ltd., San Francisco, $8975.

12-13—INDUSTRIAL BUILDINGS

3/28/46 • 12
PREPARING WORKING DRAWINGS
PRINTING SHOP Est. Cost, $30,000
PALO ALTO, Santa Clara Co., Calif. Emerson St.
Construction of one-story reinforced concrete printing shop, storage mezzanine.
Owner—Clifton Flonaker, c/o architect.
Architect—Henry Morgan Stedman, 666 Kellogg Ave., Palo Alto.

3/28/46 4
FUNDS AWARDED
OFFICE BUILDING
Estimated Cost, $1,252,500
SALT LAKE CITY, Salt Lake Co., Utah. State Capitol grounds.
Construction of 2-story office building containing approximately 300 office rooms.
Owner—State of Utah.
Architect—Not selected.
The Bureau of Community Facilities, Federal Works Agency, 2223 Fulton St., Berkeley, Calif., has awarded funds in amount of $17,024 to assist in preparation of plans.

3/28/46 • 12
TO START CONSTRUCTION
PACKING PLANT Cost, $200,000
FRESNO, Calif. 1625 Tulare St.
Construction of packing plant.
Owner—California Packing Corp., G and Tulare Sts., Fresno.
Contractor—Fisher & McNulty, Pacific Southwest Bldg., Fresno.

3/28/46 ** 12
TO START WORK
SHOP & MILL Approx. Cost, $30,000
WEST PITTSBURG, Contra Costa Co., Calif. Atlas Cabinet Shop.
Construction of cabinet shop and mill (62x100 ft.), and salesroom and offices (20x40 ft.), of frame and stucco, concrete floors and wood trusses
Owner—Dominic S. Caruso.
Architect—Philip D. Tomasello, 605 Washington St., San Francisco.
Contractor—Bernard E. Enes, R.F.D. 1, Box 480, Pittsburg.
A building permit has been issued.

3/28/46 ** 12
CONTRACT AWARDED
COTTON GIN Approx. Cost, $65,000
NEAR ARVIN, Kern County, Calif. Comanche Point, south of Arvin.
Construction of all-steel Murray cotton gin.
Owner—Catani Bros., Arvin Highway, Kern County.
Engineers—Murray Co., Dallas, Texas
Construction of Buildings — Western Pipe & Steel Co., 200 Bush St., San Francisco.
Install Machinery—Murray Co., Dallas, Texas.

14-17—PUBLIC BLDGS.

3/28/46 ** 15
BOND ELECTION
POLICE STATION Cost, $125,000
SOUTH SAN FRANCISCO, San Mateo Co., Calif. Corner of Maple and Miller Aves.
Construction of central police station.
Owner—Cit yof South San Francisco, City Hall, South San Francisco.
The city will vote April 9 on a proposal to issue bonds in the amount of $125,000 to finance the above construction.

3/28/46 ** 16
CONTRACT AWARDED
LANCASTER, Los Angeles Co., Calif. — Patrick M. Sofarelli, 20337 Anita Ave., Hayward, at $9825, was awarded contract by the office of the district engineer, Federal Works Agency, Public Buildings Administration, 838 U. S. Appraiser's Bldg., San Francisco, for finishing basement in U. S. Post Office, Lancaster.

3/28/46 ** 15
PREPARING WORKING DRAWINGS
FIREHOUSE Approx. Cost, $22,000
WEST PITTSBURG, Contra Costa County, Calif.
Construction of frame and stucco firehouse (46x55 ft.), with concrete floors.
Owner—Mt. Diablo Fire Protection District.
Architect—Philip D. Tomasello, 605 Washington St., San Francisco.

3/28/46 ** 16
BIDS OPENED
RELINE FIREBOX
YERRINGTON, Nevada.
Reline firebox of hot water heater in U. S. Post Office and Agricultural building.
Owner—Federal Works Agency, Public Buildings Administration, office of district engineer, 838 U. S. Appraiser's Bldg., San Francisco.
Low Bidder—National Coal Co., Reno, Nev., $125.
Service Heat & Power Co., Oakland, at $237, submitted the only other bid.

3/28/46 ** 16
BIDS OPENED
ELEVATOR CABLES
SAN FRANCISCO. Old Mint Bldg.
New elevator cables.
Owner—Federal Works Agency, Public Buildings Administration, office of the district engineer, 838 U. S. Appraiser's Bldg., San Francisco.
Low Bidder — Westinghouse Electric Corp., elevator division, 110 Sutter St., San Francisco, $307.14.
Other bidders were:
Otis Elevator Co., San Francisco, $316.
Pacific Elevator & Equipment Co., San Francisco, $368.10.

3/28/46 ** 16
BIDS OPENED
EXTERIOR PAINTING
CALEXICO, Imperial County, Calif.
Exterior painting, etc., at U. S. Post Office.
Owner—Federal Works Agency, Public Buildings Administration, office of the district engineer, 838 U. S. Appraiser's Bldg., San Francisco.
Low Bidder—R. A. Newman, McMinnville, Ore., $495.
Dan Sullivan, Santa Monica, at $745, submitted the only other bid.

3/28/46 ** 16
BIDS OPENED
RELINE BOILER FIREBOX
NAPA, Calif.
Reline boiler firebox and overhaul oil burner at U. S. Post Office.
Owner—Federal Works Agency, Public Buildings Administration, office of the district engineer, 838 U. S. Appraiser's Bldg., San Francisco.
Low Bidder—Service Heat & Power Co., 636 21st St., Oakland, $177.
Pacific Agencies, Inc., San Francisco, at $229.66, submitted the only other bid.

3/28/46 ** 15
BIDS WANTED
SAN FRANCISCO.—Until April 3, 1:45 P. M., informal bids will be received b ythe Department of Public Works, Room 282 City Hall, for anemostats in controller's payroll division in basement of City Hall.
Specifications obtainable from the office of City Architect Dodge R. Riedy, City Hall, upon deposit of $5.

20-21—SOCIAL AND RECREATIONAL BLDGS.

3/28/46 39
FUNDS AWARDED
SEWAGE PLANT Est. Cost, $98,490
PRICE, Carbon County, Utah. One-fourth of a mile south of the city limits.
Construction of sewage treatment plant with all necessary appurtenances.
Owner—City of Price, J. Bracken Lee, mayor, Price, Utah.
Engineer—Erin Leonard, Price, Utah.
The Bureau of Community Facilities, Federal Works Agency, 2223 Fulton St., Berkeley, Calif., has awarded funds in amount of $3477 to assist in preparation of plans.

3/28/46 • • 21
CONTRACT AWARDED
THEATER Contract Price, $68,987
FAIRFAX, Marin County, Calif.
Construction of new theater building.
Owner—Blumenfeld Theaters, 25 Taylor Street, San Francisco.
Architect — Vincent G. Raney, 233 Post St., San Francisco.
Contractor—Central California Construction Co., 116 Erie Street, San Francisco.

3/28/46 • • 20
PLANNED
VETERANS MEMORIAL BLDGS.
Est. Cost, $630,000
MARIN COUNTY, Calif.
Construction of nine veterans' memorial "community" buildings: San Rafael-San Quentin, $150,000; Mill Valley-Belvedere-Tiburon, $12,000; San Anselmo - Fairfax, $140,000; Sausalito - Marin City, $100,000; Ross-Kentfield, $45,000; Corte Madera - Larkspur, $25,000; Bolinas-Stinson Beach-Muir Woods, $20,000; Pt. Reyes-Inverness, $10,000; Novato-Hamilton Field, $15,000.
Owners—Adrien Aitken, Chairman of building committee of county council. American Legion; Phillip G. Wespecher, chairman of building committee of Tamalpais Post, Veterans of Foreign Wars, 17 Coronet St., Mill Valley; Bryant Drake, commander of Spanish War Veterans; and Robert Tartaul, chairman of the American Veterans committee.
Marin's Board of Supervisors have the memorial buildings under consideration

3/28/46 ** 21
PREPARING PLANS
SHOPPING CENTER
Approximate Cost, $350,000
WEST PITTSBURG, Contra Costa County, Calif. Ambrosia Manor.
Construction of shopping center to include reinforced concrete and steel theater building; frame and stucco medical-dental building, stores, shops and market.
Owner—Withheld.
Architect—Philip D. Tomasello, 605 Washington St., San Francisco.
Contractor—Bernard E. Enes, R.F.D. 1, Box 480, Pittsburg.

22-26—RESIDENTIAL BUILDINGS

3/28/46 ** 26
CONTRACT AWARDED
DWELLING UNITS
Contract Price, $37,550
HAWTHORNE, Los Angeles County, Calif.
Construction of 25 family dwelling units; Calif. V-4347; completion date May 9.
Owner—Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco.
Contractor—Daley Bros., 426 Bryant St., San Francisco.

3/28/46 ** 22
PLANNED
REMODEL HOTEL
STOCKTON, San Joaquin Co., Calif.
Remodeling and modernization of Clark Hotel.
Owner—Harry L. Plymire, 3100 N. California, Stockton.

3/28/46 • • 24
PREPARING WORKING DRAWINGS
RESIDENCE Cost, $16,000
MILL VALLEY, Marin Co., Cal. Tiburon Road.
Construction of residence ($13,000) and outside rumpus room ($3000).
Owner—C. A. Griffin.
Architect—Arthur H. Lamb, 209 Oakdale Ave., Mill Valley.

3/28/46 • • 24
PREPARING WORKING DRAWINGS
RESIDENCE Cost, $11,000
MILL VALLEY, Marin Co., Calif.
Construction of frame residence.
Owner—Frank Intersimoni.
Architect—Arthur H. Lamb, 209 Oakdale Ave., Mill Valley.

3/28/46 • 21
WORK STARTED
THEATER Approx. Cost, $70,000
SACRAMENTO, Sacramento County, Calif 4830 J St.
Construction of concrete and steel theater building.
Owner—Charles Holtz.
Architect — Herbert E. Goodpastor, Mitau Bldg., Sacramento.
Contractor—A. E. Erickson & Sons, 1932 El Monte Ave., North Sacramento.

3/28/46 • 24
PLANS COMPLETED
LOS ALTOS, Santa Clara Co., Calif.
Construction of residence (3 bedrooms, 2 baths), maid's room and bath, 2-car garage, split shake roof, shingle exterior, terrace of paving tiles.
Owner—Withheld.
Architect—Oscar R. Thayer, 4257 Cabrillo Ave., Burlingame.

3/28/46 ** 24
PLANS COMPLETED
RESIDENCE Approx. Cost, $15,000
OAKLAND, Alameda County, Calif. Corner Rockwell and Mystic.
Construction of residence to contain three bedrooms and two baths.
Owner—Joseph I. Thomas.
Architect — Houghton Sawyer, Oakland.

3/28/46 22
OWNER TAKING BIDS
LAS VEGAS, Nev. — Leeland M. Woods, 3350 Wilshire Blvd., Los Angeles, desires bids for the construction of a 16-unit highway hotel (47x 110 ft.), on Highway 1, Las Vegas, Nev., for himself. Plans were prepared by Architect W. C. Pennell, 823 S. New Hampshire Ave., Los Angeles.

3/28/46 ** 22
ELECTRICAL BIDS OPENED
REMODEL SKYROOM
SAN FRANCISCO. Sir Francis Drake Hotel, 450 Powell St.
Interior and exterior remodeling of the 21st floor for cocktail room.
Owner—Sir Francis Drake Hotel.
Plans by Thomas Meret, c/o Walter M. Ballard Corp., Hobart Bldg., San Francisco.
Contractor—Barrett & Hilp, 918 Harrison St.
Complete electrical bids were:
Charles L. Langlais & Co., 474 Bryant St., San Francisco, $12,964.
Weber & Co., San Francisco, $13,091.
Associated Electrical Construction Co., San Francisco, $13,931.

3/28/46 ** 26
WORKING DRAWINGS COMPLETED
RESIDENCES Approx. Cost, $450,000
WEST PITTSBURG, Contra Costa County, Calif. Ambrosia Manor.
Construction of 66 frame and stucco 2- and 3-bedroom residences.
Owner and Builder—Bernard E. Enes, R.F.D. 1, Box 480, Pittsburg.
Architect—Philip D. Tomasello, 605 Washington St., San Francisco.
The site is now being staked out.

3/28/46 26
TO START WORK
HOME BUILDING PROJECT
Estimated Cost, $140,000
LARKSPUR, Marin County, Calif.
Construction of 13 residences (60x125 ft.), 5-room, 2-bedroom $10,000 each; seven on south side of Francis Ave., two on north side of the street opposite, and three to front on Murray Ave., one block south of Francis Ave.
Owner and Builder—Charles Greenberg, 3116 23rd St., San Francisco.
Plans by owner.
Work is expected to be completed by the end of the year if materials are available.

3/28/46 ** 22
PLANNED
REMODEL HOTEL Cost, $200,000
ELKO, Elko County, Nev. Commercial Hotel.
Remodel hotel, replacing the 60-year-old section with a modern building to provide a three-story building throughout, with provision being made for eventual addition of two more floors.
Owners—Newton Crumley and Newton H. Crumley, 731 A St., Elko, Nev.
Architect—A. B. Paulson, Salt Lake City, Utah.
Contractor—Olsen Construction Co., Lincoln, Neb.

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Stilling Basin Spec. 1178	Central Valley Project	4- 8
Kings River Wasteway, Etc. Specification 1181	Fresno	4-10

SUB-BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Office and Lab. Bldg. and Industrial Relations Bldg., California Research Corp., Richmond; Bids open April 12
E. S. McKittrick Co., 610 16th Street, Oakland (TWin Oaks 5070)
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)
Barrett & Hilp, 918 Harrison Street, San Francisco (DOuglas 0700).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)

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for
ELECTRIC WELDED TANK SHOP
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Reply Box 325A, c/o
Daily Pacific Builder

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ADVANCE CONSTRUCTION REPORTS

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

3/28/46 ** 32
TO PREPARE PLANS
SONOMA COUNTY, Calif. — Consulting Engineer Charles H. Lee, 58 Sutter St., San Francisco, will prepare plans and specifications for the County of Sonoma, Courthouse, Santa Rosa, for construction of two separate sewer collection and disposal systems in the Russian River district. The two systems would be located at Guerneville and in the Monte Rio section. Estimated cost has been set at approximately $424,000.

33—BRIDGES

3/28/46 ** 33
BIDS WANTED
MARIN COUNTY, Calif.—As previously reported, until April 8, 10 A. M., bids will be received by the Marin County Board of Supervisors, George S. Jones, county clerk, Courthouse, San Rafael, for construction of 2-span timber pile bridge with timber deck and wing walls on Muir Woods Road No. 399.

The work involves:
(1) 24,500 b. ft. timber structure;
(2) 1200 lin. ft. timber piling.

Specifications obtainable from the county engineer, Courthouse, San Rafael.

3/28/46 * * 33
BIDS OPENED
MENDOCINO COUNTY, Calif. — Fred Fredenburg, 1717 Garibaldi Avenue, Temple City, at $40,069 submitted low bid to the State Division of Highways, G. T. McCoy, state highway engineer, Public Wks Bldg. Sacramento, for construction of a reinforced concrete slab bridge on concrete pile bents and about 0.12 mile of grading and surfacing approaches with road mix and applying seal coat thereto at Dooley Creek, one mile east of Hoplan, Mendocino County.

Total bids follow:
(A) Fred Fredenburg, Temple City, $40,069.
(B) Mercer-Fraser Co., Eureka, $40-420.00.
(C) Fred J. Maurer & Son, Eureka, $41,300.
(D) Erickson, Phillips and Weisberg, Oakland, $43,055.30.
(E) Kiss Crane Co., $47,128.50.

The unit prices will be published shortly.

3/28/46 * * 33
BIDS OPENED
LAKE COUNTY, Calif.—Fred J. Maurer & Son, 3031 E St., Eureka, at $193,725 submitted low bid to the State Division of Highways, G. T. McCoy. state highway engineer, Public Works Bldg., Sacramento, for the construction of a structural steel girder bridge and approaches across Kelsey Creek at Kelseyville, Lake County.

Total bids follow:
(A) Fred J. Maurer & Son, Eureka, $193,725.
(B) Kiss Crane Co., San Pablo, $196,-723.63.
(C) Guy F. Atkinson Co., South San Francisco, $247,553.25.

The unit prices will be published shortly.

34—DAMS, RESERVOIRS & DREDGING

3/28/46 ** 34
BIDS WANTED
COLORADO-BIG THOMPSON PROJECT.—Until April 26, bids will be received by the Bureau of Reclamation, Denver, Colo., for the construction of the Granby Dam, Colorado-Big Thompson Project. The dam is to be constructed five miles northeast of Granby on the Colorado River and will have a storage capacity of 482,000 acre feet. The principal features involved are an earth dam across the Colorado River, an outlet works through the left abutment of the dam, an open channel spillway and an earth-fill dike. The dam will have a maximum height of about 230 ft. above the river bed, a crest length of about 880 ft. and will contain approximately 3,500,000 cu. yds. of earth and rock. A concrete-lined open channel spillway will be constructed in rock at the left abutment of the dam, with a concrete gate structure at the crest of the dam. The invitation includes construction of dike 3 and the placing of riprap on the upstream slopes of the embankments of dikes 1, 2 and 4, on which work was stopped by the War Production Board in October, 1942.

3/28/46 ** 34
BIDS WANTED
SAN DIEGO, Calif.—Until April 9, 10 A. M., bids will be received by the City Council, Civic Center, San Diego, for dredging approximately 500,000 cu. yds. of material from the floor of Mission Bay at the foot of Ventura Place, San Diego; Document No. 360220. Specifications are obtainable from the office of the city planning director, Room 903 Civic Center, San Diego. upon deposit of $10

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3/28/46 ** 34
BIDS OPENED
CENTRAL VALLEY PROJECT.—Guy F. Atkinson Co., Orange and Railroad Ave., South San Francisco, at $397,541, submitted low bid to U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Antioch, Calif., under Spec. 1188 for the construction of earthwork, concrete lining and structures, Clayton and Ygnacio canals, Contra Costa Canal System, Delta Division, Central Valley Project, California. The work is situated in the vicinity of Concord, Calif.

Bids taken as follows:
Bids will be considered on either or both of the following schedules. Bidders may make such stipulations as they desire regarding a combination of the schedules, but no bids will be considered for only a part of either schedule.

Schedule No. 1—Clayton Canal
(1) clearing 5 acres of orchards and vineyards;
(2) grubbing 5 acres of orchards and vineyards;
(3) 47,000 c.y. excav. for canal;
(4) 20,000 sta. cu. yds. overhaul;
(5) 1500 cu. yds. compacting embankments;
(6) 21,000 c.y. excav. for structures;
(7) furnishing, constructing and removing temporary supports under Bay Point and Clayton Railroad to permit construction of siphon;
(8) trimming 27,650 sq. yds. foundations for concrete lining;
(9) 10,000 c.y. backfill;
(10) compacting 7000 c.y. backfill;
(11) 850 c.y. conc. in structures;
(12) 1500 cu. yds. concrete in canal lining;
(13) placing 90,000 lbs. reinforcement bars;
(14) 100 sq. yds. dry-rock paving;
(15) erecting 20 M ft. b.m. timber in structures, except cattle guards;
(16) constructing 1 cattle guard;
(17) laying 50 lin. ft. 15-inch diameter concrete pipe;
(18) laying 600 lin. ft. 18-in. diameter concrete pipe;
(19) laying 200 lin. ft. 24-in. diameter concrete pipe;
(20) laying 30 lin. ft. 30-in. diameter concrete pipe;
(21) installing 1500 lbs. gates;
(22) installing 2200 lbs. misc. metal work;

Schedule No. 2—Ygnacio Canal
(23) clearing 10 acres of orchards;
(24) grubbing 10 acres of orchards;
(25) 35,000 c.y. excav. for canal;
(26) 10,000 sta. c.y. overhaul;
(27) compact 1500 c.y. embankment;
(28) 6500 c.y. common excav., for structures;
(29) trimming 21,500 s.y. foundations for concrete lining;
(30) 6000 c.y. backfill;
(31) compacting 3400 c.y. backfill;
(32) 440 c.y. concrete in struc.;
(33) 1175 c.y. concrete in canal lining;
(34) placing 50,000 lbs. reinf. bars;
(35) 200 s.y. dry-rock paving;
(36) erecting 44 M ft. b.m. timber in structures, except cattle guards
(37) constructing 10 cattle guards;
(38) laying 900 l.f. 15-in. diam. conc. pipe;
(39) laying 960 l.f. 18-inch do;
(40) laying 240 l.f. 24-inch do;
(41) installing 170 l.f. 30-in. diam. concrete pipe;
(42) installing 3800 lbs. of gates;
(43) installing 3000 lbs. misc. metal work.

Total bids follow:
(A) Guy F. Atkinson Co., South San Francisco, (1) $241,799, (2) $155,-742; total, $397,541; stipulation: both schedules only.
(B) Fredrickson & Watson Construction Co., Oakland, (1) $248,596, (2) $168,580; total, $417,176; stipulation, both schedules only.
(C) Parish Bros., Benicia, (1) $251,-570, (2) $168,195; total, $419,765; stipulation, both schedules.

Unit prices follow:

	(A)	(B)	(C)
Schedule No. 1			
(1)	$125.00	$100.00	$225.00
(2)	125.00	80.00	225.00
(3)	.60	.83	.96
(4)	.02	.02	.02
(5)	.45	.70	1.20
(6)	1.75	1.56	1.45
(7)	1500.00	2000.00	3000.00
(8)	.50	.84	.45
(9)	.65	1.20	.85
(10)	3.00	2.40	2.25
(11)	74.00	72.00	78.00
(12)	38.00	30.00	36.00
(13)	.06	.06	.045
(14)	10.00	9.00	5.75
(15)	125.00	150.00	140.00
(16)	150.00	200.00	150.00
(17)	1.30	3.00	1.85
(18)	1.60	3.00	3.00
(19)	2.25	4.00	4.00
(20)	3.00	5.00	6.00
(21)	.32	.50	.30
(22)	.32	.50	.20
Schedule No. 2			
(23)	125.00	100.00	225.00
(24)	125.00	80.00	225.00
(25)	.60	.83	.96
(26)	.02	.02	.02
(27)	.45	.70	1.20
(28)	1.75	1.56	1.45
(29)	.50	.84	.45
(30)	.65	1.20	.85
(31)	3.00	2.40	2.25
(32)	74.00	72.00	78.00
(33)	38.00	30.00	36.00
(34)	.06	.06	.045
(35)	10.00	9.00	5.75
(36)	125.00	150.00	140.00
(37)	150.00	200.00	150.00
(38)	1.30	3.00	1.85
(39)	1.60	3.00	3.00
(40)	2.25	4.00	4.00
(41)	3.00	5.00	6.00
(42)	.32	.50	.30
(43)	.32	.50	.30

3/28/46 ** 24
PLANS COMPLETED
RESIDENCE Approx. Cost, $30,000
PIEDMONT, Alameda County, Calif.
85 Seaview Ave.
Construction of two-story and basement frame and brick veneer residence (10 rooms, 3 baths), double garage.
Owner—Mrs. Marshall C. Seagrave.
Architect—Houghton Sawyer, 5369B Broadway, Oakland.

3/28/46 * * 34
PLANS ON FILE
CENTRAL VALLEY PROJECT.—Schedule, specifications and drawings for Spec. 1181 for construction of earthwork, canal lining and structures, Kings River Wasteway and Kings River Siphon, Sta. 1591 plus 66.15 to Sta. 1647 plus 75, Friant-Kern Canal for which bids will be opened April 10, 10 A. M., by the U. S. Bureau of Reclamation, Friant are on file for examination at the office of DAILY PACIFIC BUILDER, 465 10th St., San Francisco.

3/28/46 ** 34
BIDS OPENED
NAPA, Calif.—Barker Corp., Box 696, Patterson, at $260, total $19,890, submitted low bid to the Department of Public Works, Division of Water Resources, Edward Hyatt, state engineer, Room 401 Public Works Bldg., Sacramento, for clearing 76.5 acres of Rector Creek reservoir site in Sections 19 and 20, T. 7 N., R. 4 W., M.B.D. & M., in Napa County.

Other bids were:
H. Earl Parker and N. M. Ball, Berkeley, $275; total, $21,037.50.
C. M. Syar, Vallejo, $330; total, $25,-245.
J. Henry Harris, Berkeley, $345; total, $26,392.50.

3/28/46 * 34
BIDS OPENED
ENCINITAS, San Diego Co., Calif. —The Macco Construction Co., 815 N. Paramount Blvd., Clearwater, at $92,-270, submitted the low bid to the San Dieguito Irrigation District, Encinitas, March 25 for the construction of an earth dam, earth-lined reservoir and pipeline on South Encinitas Creek at Encinitas, San Diego County.

Plans and specifications were prepared by A. L. Sonderegger, engineer, 925 Central Bldg., Los Angeles.

The total bids submitted were:
Macco Construction Co., $92,270.
John J. Swigart Co., $95,515.
R. E. Hazard, $100,754.
Owl Truck & Construction Co., $100,963.
Bonadiman-McCain, Inc., $103,283.
Griffith Co., $106,344.
Mark C. Walker, $108,208.
Daley Corp., $112,617.
Vinnell Co., $150,754.

3/28/46 ** 34
LOW BIDDERS
LOS ANGELES, Calif. — Guerin Bros., 649 S. Olive St., Los Angeles, at $483,431, submitted low bid to the U. S. District Engineer Office, 751 S. Figueroa St., Los Angeles, for the completion of embankment and spillway, Santa Fe Dam, Los Angeles County; Serial 150. The site of the work is on the San Gabriel River, 3½ miles southwest of the City of Azusa.

Second and third low bids follow:
Basich Bros., Alhambra, $486,497.30.
Bressi-Bevanda Constructors, Inc., Los Angeles, $510,463.

36— PARKS, AIRPORTS & PLAYGROUNDS

3/28/46 ** 36
BIDS POSTPONED
SAN FRANCISCO.—Until April 9, 3 P. M. (postponed from April 2), bids will be received by the Public Utilities Commission, Room 287, City Hall, under S. F. Airport Contract No. 82 for airport extension, fill, pavement and related construction at San Francisco Airport.

Work involves:
Proposition A:
(1) 6,000,000 c.y. dry fill;
(2) 420,000 s.y. compacting to 95% density;
(3) 25,000 M. gals. watering (unit is 1000 gals.);
Proposition B:
(1) 450,000 c.y. dry fill;
(1a) 5,550,000 c.y. hydraulic fill;
(2) 110,000 s.y. compaction to 95% density;
(3) 5000 M. gals. watering (unit is 1000 gals.);
Quantities for Items 4 to 31 are the same for Propositions A and B
(4) 135,000 c.y. rehandling;
(5) 125,000 c.y. misc. excav.;
(6) 4,000 s.y. sub-base preparation;
(7) 15,000 tons crushed rock base;
(8) 50 tons prime coat;
(9) 600 tons plant-mix surfacing;
(10) 200 s.y. bit. seal coat;
(11) 310,000 s.f. portland cement concrete pavement;
(12) none—portland cement adjustment price, to compensate for change in requirement for cement in concrete as provided in the specifications;
(13) lump sum, drainage of existing mud fill area;
(14) 100 l.f. 6-in. sale glazed vitrified clay pipe;
(15) 700 l.f. 15-in. reinf. concrete pipe
(16) 800 l.f. 18-inch do;
(17) 400 l.f. 21-inch do;
(18) 1,100 l.f. 24-inch do;
(19) 30 l.f. 21-in. corru. metal pipe;
(20) 30 l.f. 24-inch do;
(21) 1 each 21-in. automatic drainage gate;
(22) 1 each 24-inch do;
(23) 350 l.f. 21-in. corru. metal pipe, furnished by city, to be installed
(24) 350 l.f. 24-in. corru. metal pipe, furnished by city;
(25) 1 each 21-in. automatic drainage gate furnished by city;
(26) 1 each 24-inch do;
(27) 700 l.f. salvaging 21- and 24-in. corrugated metal pipe;
(28) 4 each new inlets;
(29) 11 each removal of inlets;
(30) 50 each reinstalling inlets;
(31) lump sum, removing drainage structures X and Y.

Specifications obtainable from the cashier's office, 6th floor, 425 Mason Street, upon deposit of $10.00.

Following contractors have taken out plans
Guy F. Atkinson Co., Orange and Railroad Aves., South San Francisco.
Union Paving Co., 212 Babcock Bldg., San Francisco.
San Francisco Bridge Co., 503 Market St., San Francisco.
Macco Construction Co., Freight and Ferry Sts., Oakland.
Piombo Bros. & Co., 1571 Turk St., San Francisco.
Olympian Dredging Co., 525 Market St., San Francisco.
Hubert H. Everist Sr., 604 Mission St., San Francisco.
Case Construction Co., Box 416, Alameda.
Ben C. Gerwick, Inc., 112 Market St., San Francisco.
Charles L. Harney, 625 Market St., San Francisco.
Pacific Bridge Co., 333 Kearny St., San Francisco.
Eaton & Smith, 715 Ocean Ave., San Francisco.
Western Dredging & Construction Co., 315 Park Central Bldg., Los Angeles.
Hydraulic Dredging Co., Ltd., 1221 Central Bank Bldg., Oakland.
Peter Kiewit Sons Co., 442 Post St., San Francisco.
George Pollock Co., Forum Bldg., Sacramento.
Granite Rock Co., Box 151, Watsonville.
Franks Dredging Co., 260 California St., San Francisco.
T. E. Connolly, 461 Market St., San Francisco.
Standard Dredging Corp., 800 Central Bldg., Los Angeles.
American Dredging Co., 1419 Broadway, Oakland.

3/28/46 ** 36
CONTRACT AWARDED
RESURFACE TENNIS CUORTS
Contract Price, $1470
RED BLUFF, Tehama County, Calif.
Red Bluff Union High School.
Resurface three tennis courts.
Owner—Red Bluff Union High School District, Fred H. Weeks, clerk, Red Bluff.
Plans by owner.
Contractor—Allyn L. Burr Co., 2417 28th St., Sacramento.
O'Connor Bros., Red Bluff, at $1475, submitted only other bid.

38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

3/28/46 * * 38
CONTRACT AWARDED
SAN FRANCISCO.—H. C. Reid & Co., 389 Clementina Street, at $3025 awarded contract by the Public Utilities Commission, Room 287, City Hall, under Bureau of Light, Heat & Power Contract No. 42 for constructing a street lighting system on Lansdale Ave.-Dalewood Way to Robin Hood Dr.; Casitas Ave.-Lansdale Ave. to Cresta Vista Dr. (Sherwood Forest).

39—SEWERS

3/28/46 * * 39
BIDS OPENED
SAN FRANCISCO.—M. J. Lynch, 2251 Revere Ave., at $107,931.50 submitted low bid to the Department of Public Works, Room 282, City Hall for construction of Pine Street sewer from Van Ness Ave. to Divisadero Street.

Work involves:
(1) 35 l.f. 18-in. VCP sewer;
(2) 1590 l.f. 15-inch do;
(3) 1650 l.f. 12-inch do;
(4) 1550 l.f. 8-inch do;
(5) 900 l.f. 10-in. VCP culvert:
(6) 92 each 15x6-in. Y branches;
(7) 95 each 12x6-inch do;
(8) 110 each 8x6-inch do;
(9) 16 each manholes on VCP sewer
(10) 7 each manhole frames and covers;
(11) 70 tons asph. conc. wearing surf.
(12a) 900 l.f. examination of 12-inch existing pipe sewer, special wk;
(12b) 390 l.f. exam. 15-in. do;
(12c) 1240 l.f. exam. 16-in do;
(12d) 1170 l.f. exam. 18-in. do;
(12w) 50 each remove section of existing 12-in. pipe sewer from trench:
(12x) 20 each remove section of exist. 15-inch do:
(12y) 60 each remove section of 16-inch do:
(12z) 60 each remove section of 18-inch do;
(13) lump sum, traffic routing work.

Total bids follow:
(A) M. J. Lynch, $107,931.50.
(B) Chas. L. Harney, $115,050.50.
(C) M. & K. Corp., $122,793.

Unit prices follow:

	(A)	(B)	(C)
(1)	$25.00	$26.00	$30.00
(2)	18.00	19.00	25.00
(3)	17.00	19.00	21.00
(4)	10.00	15.00	15.00
(5)	5.50	4.50	14.00
(6)	12.00	3.00	4.00
(7)	10.50	1.70	3.00
(8)	9.00	1.00	2.00
(9)	180.00	270.00	200.00
(10)	50.00	51.00	40.00
(11)	9.50	6.80	7.00
(12a)	5.00	2.40	1.00
(12b)	5.00	2.40	1.00
(12c)	5.00	2.40	1.00
(12d)	5.00	2.40	1.00
(12w)	5.00	30.00	5.00
(12x)	5.00	30.00	10.00
(12y)	5.00	30.00	10.00
(12z)	5.00	30.00	10.00
(13)	3500.00	5000.00	1300.00

3/28/46 ** 39
CONTRACT AWARDED
SAN FRANCISCO.—Lowie Paving Co., 1540 16th St., at $54,077.60, was awarded contract by the Department of Public Works, Room 282 City Hall, under Spec. No. 20,069 for construction of Folsom St. sewer from 12th to 18th Sts

3/28/46 ** 39
BIDS WANTED
OAKLAND, Alameda Co., Calif.—As previously reported, until April 9, 1 P. M., bids will be received by the Oakland City Council, City Hall, Oakland, for construction of upper portion of the main Stonehurst drainage culvert from San Leandro Creek to E St. and 100th Ave. Estimated cost, $59,000.

The work involves:
Proposition A
(1) 945 lin. ft. double 75-in. reinforced concrete pipe culvert that requires 1890 lin. ft. of pipe;
(2) 2 concrete manholes with special cover;
(3) 4 redwood bulkheads.
Proposition B
(1) 945 lin. ft. 8x8 reinforced concrete arch culvert;
(2) 1 concrete manhole with special cover;
(3) 2 redwood bulkheads.

Specifications obtainable from the engineering department offices, City Hall, Oakland, upon deposit of $5.

40— STREETS AND HIGHWAYS

3/28/46 * * 40
CONTRACT AWARDED
LAKE COUNTY, Cal.—Louis Biasotti & Son, 40 W Clay St., Stockton at $159,978 awarded contract by C. H. Purcell, State Director of Public Works, Sacramento, for about two miles of grading and surfacing between 1.2 miles north of Rodman Narrow Road and Route 15, Lake Co.

3/28/46 ** 40
BIDS WANTED
HUMBOLDT COUNTY, Nev.—Until April 10, 2:15 P. M., bids will be received by the Nevada Department of Highways, Robert A. Allen, state highway engineer, Heroes' Memorial Bldg., Carson City, Nev., for construction of approximately 14.941 miles of state highway from a junction with U. S. 95, approximately 31 miles north of Winnemucca, to Sod House, Route 8A, Section A, Humboldt Co.

The work involves:
(1) lump sum, signs;
(2) 24,097 cu. yds. roadway excavation;
(3) 836 cu. yds. drainage excavation;
(4) 457 sta. "V" type ditches;
(5) 12,751 cu. yds. borrow;
(6) 104,359 yd. sta. overhaul;
(7) 10,017 yd. mile overhaul;
(8) 200 hours tamping roller;
(9) 527 cu. yds. structure excavation;
(10) 560 cu. yds. backfill;
(11) 2795 M gallons water;
(12) 122,520 tons type 1 gravel base;
(13) 32,267 tons type 2 gravel base (1-in. size);
(14) 119 tons liquid asphalt, MC-2 (seal);
(15) 1112 tons liquid asphalt, SC-2 or SC-3;
(16) 14.94 miles road mix (class B-1);
(17) 1 each road mix intersection;
(18) 57 cu. yds. class "B" concrete;
(19) 1452 lbs. reinforcing steel;
(20) 1690 lin. ft. 21½x13½-in. CMAP (dipped);
(21) 338 lin. ft. 30x17-in. CMAP (dipped);
(22) 112 each culvert markers;
(23) 35 each monuments.

Specifications obtainable from the above office upon deposit of $10, $5 of which is returnable.

3/28/46 * * 40
BIDS OPENED
MERCED COUNTY, Cal.—Gunnar Corp., 5575 Valley Blvd., Los Angeles, at $415,297 submitted low bid to the State Division of Highway, G. T. McCoy, state highway engineer, Public Works Building, Sacramento, for about 3.8 miles grading and paving with portland cement concrete and constructing four bridges between Black Rascal Canal and Buhach Sta., Merced County.

Total bids follow:
(A) Gunnar Corp., Los Angeles, $415,-297.00.
(B) Marshall S. Hanrahan, Redwood City, $458,135.80.
(C) N. M. Ball and Lew Jones Constr. Co., Berkeley, $477,077.25.
(D) Fredrickson & Watson Constr. Co., Oakland, $485,368.55.
(E) Guy F. Atkinson Co., San Francisco, $498,397.20.
(F) A. Teichert & Son, Sacramento, $504,864.00.

The unit prices will be published shortly.

3/28/46 * * 40
BIDS OPENED
SISKIYOU COUNTY, Calif.—Clements & Co., and Milo A. Brown, Box 277, Hayward, at $166,885 submitted low bid to State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about 20.4 miles in length to be surfaced with imported borrow base and plant mix surfacing, portions, between Weed and Yreka, in Siskiyou County.

Total bids follow:
(A) Clements & Co., and Milo A. Brown, Hayward, $166,885.
(B) E. B. Bishop, Orland, $174,004.50.
(C) Frederickson Bros., Emeryville, $189,463.
(D) W. C. Railing, Redwood City, $201,107.
(E) J. P. Brennan, Redding, $249,676.

The unit prices will be published shortly.

41—GAS, WATER AND OIL PIPE LINES

3/28/46 * * 41
CONTRACT AWARDED
SAN FRANCISCO.—Fred T. Fairey, 1874 25th Avenue, at $7402.60 awarded contract by Public Utilities Commission, Room 287, City Hall, under Water Department Contract No. 416 for laying 6- and 8-inch cast iron mains in 28th, 42nd, 43rd Ave. and Rivera Street.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Misc. Supplies & Materials 42
Machinery and Equipment 43

42— MISC. SUPPLIES AND MATERIALS

3/28/46 ** 42
BIDS WANTED
COLUMBIA FALLS, Mont.—Until April 10, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 50,516-A for furnishing western red cedar, southern yellow pine, lodgepole pine or Douglas fir poles and crossarms, f.o.b. shipping point and/or Columbia Falls, Mont.

Specifications obtainable from the above office.

3/28/46 ** 42
BIDS WANTED
YAKIMA, Wash.—Until April 10, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Inv. B-33,741-A for furnishing western red cedar, southern yellow pine, lodgepole pine or Douglas fire poles, f.o.b. shipping point and/or Yakima, Moxee City and North Prosser, Wash.

Specifications obtainable from the above office.

3/28/46 ** 42
BIDS WANTED
SAN FRANCISCO.—Until April 12, 3 P. M., bids will be received by the Purchaser of Supplies, 270 City Hall, under Bid No. 3517 for furnishing and delivering 90 sets Caroline Pratt architectural blocks for the School Department.

Specifications obtainable from the above office.

3/28/46 * * 42
NOTICE OF SALE
SAN FRANCISCO. — War Assets Corp., 30 Van Ness Ave., announces sale of war tested for tough-terrain steel fence and anchor posts to civilians at low fixed prices. Sale closes April 5.

3/28/46 * * 42
NOTICE OF SALE
SAN FRANCISCO. — War Assets Corp., 30 Van Ness Ave., announces sale of 16 types hinged covered wood chests for handymen, hobbyists and craftsmen at low fixed prices. Sale closes April 23.

3/28/46 ** 42
BIDS WANTED
ODAIR, Wash.—Until April 9, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver 2, Colo., under Inv. F-38-490-A for type B deformed reinforcing bars for concrete, f.o.b. shipping point and/or Odair, Wash., as follows:
(1) 9,500,000 lbs. base (¾-inch and larger) round and square bars, 50-ft. stock lengths;
(2) 250,000 lbs. ⅝-inch round bars, 45-ft. stock lengths;
(3) 250,000 lbs. ½-inch round bars, 45-ft. stock lengths.

Specifications obtainable from the above office.

3/28,/46 * * 42
NOTICE OF SALE
SAN FRANCISCO.—Until April 10, 10 A. M., bids will be received by the U. S. Navy Material Redistribution and Disposal Office, 785 Market St., under Sales No. C-344-46 for the sale of round bars, swivels, anchor shackles, galv. wire rope pendants, ferrous scrap, located at Ferry Steel Products Co., 976 Folsom Street.

3/28,/46 * * 42
BIDS WANTED
SAN FRANCISCO.—Until April 16, 2 P. M., bids will be received by the U. S. Treasury Dept., 821 Market St., under Inv. SF-2891-46 for water hose fob San Francisco.

3/28/46 * * 42
BIDS WANTED
SAN FRANCISCO.—Until April 8, 3 P. M., bids will be received by the Purchaser of Supplies, 270 City Hall, under Bid No. 3516 for furnishing and delivering 25 ¾-, 25 1½-, and 50 2-in. water meters for the San Francisco Water Department.

Specifications obtainable from the above office.

3/28/46 * * 42
BIDS WANTED
SAN FRANCISCO.—Until Apr. 12, 3 P. M., bids will be received by the Purchaser of Supplies, 270 City Hall, under Bid No. 3518 for furnishing and delivering plants and shrubs for the School Dept.

Specifications obtainable from the above office.

3/28/46 * * 42
NOTICE OF SALE
LOS ANGELES, Calif.—War Assets Admin., 1206 Maple Ave., Los Angeles 15, announces sale of motor vehicles located in southern California and Arizona for Federal Agencies, April 1; State and Local governments and tax-supported institutions, April 3; veterans, April 4 and 5; dealers, Apr. 22 through Apr. 26.

3/28/46 ** 42
BIDS WANTED
EMMETT, Idaho.—Until April 9, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver, Colo., under Inv. 21,-270-A for western red cedar, southern yellow pine, lodgepole pine or Douglas fir poles, f.o.b. shipping point and/or Emmett. Idaho.

Specifications obtainable from the above office.

3/28/46 ** 42
BIDS WANTED
CODY, Wyo.—Until April 10, 2 P. M., bids will be received by the U. S. Engineer Office, Custom House, Denver 2, Colo., under Inv. D-10,143-A for furnishing western red cedar, southern yellow pine, lodgepole pine or Douglas fir poles, f.o.b. shipping point and/or Cody, Wyo., and/or Garland, Wyo.

Specifications obtainable from the above office.

3/28/46 ** 42
BIDS WANTED
ODAIR, Wash.—Until April 9, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Custom House, Denver, Colo., under Inv. G-38,005-A for glass blocks, f.o.b. shipping point and/or Odair, Wash.; for Grand Coulee right power plant and machine shop building.

Specifications obtainable from the above office.

3/28/46 ** 42
NOTICE OF SALE
SAN FRANCISCO.—Until April 5, 2 P. M., bids will be received by the Purchaser of Supplies, Room 270, City Hall, under Sale No. 376 for sale of the following:

Lot No. 1, located at Central warehouse, 15th and Harrison Sts.:
(a) approximately 450 tires;
(b) approximately 300 lbs. used inner tubes and scrap rubber;
(c) approximately 60 motorcycle tires (5.00x16 and 4.50x18, some suitable for recapping).

Lot No. 2, located at 347 San Bruno Ave. (may be inspected on March 28 and 29 between 8:30 a. m. and 12 noon or between 1 p. m. and 4:30 p. m.):
(a) approximately 5½ tons tisers;
(b) approximately ½ ton used inner tubes.

Lot No. 3, located at Hassler Health Home, Redwood City, Calif.:
(a) approximately 9 used tires.

Lot No. 4, located at 101 Grove St.:
(a) approximately 48 used tires.

Lot No. 5, located at Municipal Railway storeroom, 2600 Geary Blvd.:
(a) approximately 275 used tires;
(b) approximately 1 ton used inner tubes.

Lot No. 6, located at Sunol warehouse, Sunol, Alameda County, Calif.:
(a) approximately 51 used tires;
(b) approximately 15 used inner tubes

Lot No. 7, located at 639 Bryant St.;
(a) approximately 75 used tires;
(b) approximately 40 used inner tubes

Lot No. 8, located at Moccasin Tuolumne County, Calif.:
(a) approximately 12 used tires;
(b) approximately 2 used inner tubes.

Lot No. 9, located at Municipal Airport:
(a) approximately 16 used tires.

3/28/46 ** 12
PLANNED
ADDITION TO PLANT
Estimated Cost, $40,000
FRESNO, Fresno Co., Calif. Church and Cherry Ave.
Construction of addition to trailer plant, 80 feet long, to be build across the entire rear of existing plant and to increase it by nearly 10,000 square feet.
Owner—Fruehauf Trailer Co. of California, G and Merced Sts., Fresno.
Construction will start shortly.

3/28/46 ** 42
BIDS OPENED
BERKELEY, Alameda Co., Calif.—Evans Construction Co., 2744 Regent St., Berkeley, at $1934.40, submitted low bid to the Berkeley City Council, City Hall, Berkeley, for driving 31 creosote piles 30-ft. long. The work involves 930 lin. ft. of piles.

Complete bids follow:
Evans Construction Co., $2.08; total, $1934.40.
Duncanson-Harrelson Co. $2.54; total, $2362.20.
Ben C. Gerwick, Inc., $2.66; total, $2373.80.
Erickson, Phillips & Wiesberg, $2.95; total, $2743.50.
Hearly - Tibbitts Construction Co., $4.50; total, $4185.

43— MACHINERY AND EQUIPMENT

3/28/46 ** 43
BIDS WANTED
SISKIYOU COUNTY, Calif.—Until April 1, 2 P. M., bids will be received by the State Division of Highways, F. W. Haselwood, district engineer, 1657 Riverside Dr., Redding, for rental of one to three dump trucks, 5-cu. yds. water level capacity for approximately 50 days' use in Siskiyou Co.

Specifications obtainable from the above office.

3/28/46 ** 43
BIDS WANTED
COURTLAND, Sacramento Co., Calif.—Until April 3, 8 P. M., bids will be received by the Courtland Joint Union High School District, L. C. Peck, clerk, Courtland, for one school bus of 73 school-passenger capacity.

Specifications obtainable from the above office.

3/28/46 * * 43
BIDS WANTED
SAN FRANCISCO.—Until April 4, 2 P. M., bids will be received by the U. S. Indian Irrigation Service, 647 Phelan Bldg., under Inv. 8-46 for deep well turbine pump rated at 1800-gpm complete with electric motor to be furnished and installed at water well on Old Tuttle Ranch 4 miles northeast of Colusa.

Specifications obtainable from the above office.

3/28/46 * * 43
BIDS WANTED
SISKIYOU COUNTY, Calif.—Until April 1, 2 P. M., bids will be received by the State Division of Highways, F. W. Haselwood, District Engineer, 1657 Riverside Drive, Redding, for rental of power shovel, ½-c.y. capacity, gasoline- or diesel-powered full swing scrawler type, for approx. 50 days' use in Siskiyou County.

3/27/46 * * 43
NOTICE OF SALE
SAN FRANCISCO. — War Assets Admin., Consumers Goods Division, 30 Van Ness Ave., announces automotive vehicles are available for sale at fixed prices to dealers from April 1 to April 5.

3/27/46 ** 43
BIDS WANTED
MISSOURI BASIN PROJECT, Wyoming.—Until April 30, 2 P. M., bids will be received by the U. S. Bureau of Reclamatoin, Denver, Colo., under Spec. 1269 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Casper, Wyo., three 18,500 h.p., 240 r.p.m., vertical-shaft, single-runner, Francis type, hydraulic turbines; three oil-pressure, actuator type governors and three 13,333-kv-a., 13,800-volt, 3-phase, 60-cycle, 90 per cent power factor, 240 r.p.m., vertical-shaft, alternating current generators, each complete with direct-connected main exciter, pilot exciter, thrust bearing and guide bearings, for the Kortes power plant, Kortes Unit, Wyoming, Missouri Basin Project. The apparatus will be installed by the government. No charge for copies of the specifications to prospective bona fide bidders; to others, $2, not returnable.

3/28/46 * * 43
NOTICE OF SALE
FT. WORTH, Texas.—War Assets Corp., Box 1407, Fort Worth 1, Tex., announces sale of surplus new and used automotive assemblies at fixed prices on April 1 through April 13.

3/28/46 ** 43
NO BIDS RECEIVED
TRINITY COUNTY, Calif.—No bids were received March 25 by the State Division of Highways, G. F. Hellesoe, acting district engineer, Eureka, for rental of from one to six 4- to 5-cu. yd. dump trucks for not to exceed 368 hours' work near Burnt Ranch in Trinity County.

3/28/46 ** 43
TOTAL BIDS
BOISE PROJECT, Idaho.—As previously reported, Worthington Pump & Machinery Corp., Harrison, N. J., at $32,115, services of erecting engineer $25 per day, submitted low bid to the Bureau of Reclamation, Denver, Colo., under Spec. No. 1159 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Emmett, Idaho, at the option of the bidder, four vertical-shaft centrifugal pumps, each having a capacity of 125 cu. ft. per second at a pumping head of 92 ft.; and four vertical-shaft, 2200-volt, 1750 hp. synchronous motors of suitable speed and design for direct connection to the above pumps with individual field control cubicles for installation in the "C" line canal pumping plant, Payette Division, Boise Project, Ida. Pumps, motors and field control cubicles will be installed by the government.

The bids received were:
Worthington Pump & Machinery Corp., Harrison, N. J., f.o.b. Harrison, (1) $32,115, (2) engineer's services, $25 per day; spare parts, $35, $115, $4, $385, $2000.
Byron Jackson Co., Los Angeles, f.o.b. San Francisco, (1) $82,535, (2) $22; spare parts, $140, $215, $10.50, $400, $3190.
Allis-Chalmers Manufacturing Co., Milwaukee, Wis., f.o.b. Milwaukee, (1) $85,600, (2) $30; spare parts, $167, $55, $1210, $3150.

3/28/46 ** 43
BIDS OPENED
SAN FRANCISCO.—The following submitted bids to the State Division of Highways, J. H. Skeggs, district engineer, 2001 Van Ness Ave., San Francisco, for rental of one not less than 105 cu. ft. capacity portable air compressor, gas engine-driven and mounted on pneumatic-tired wheels, complete with the following equipment: two 50-ft. sections of air hose, one lightweight pavement breaker, one heavy pavement breaker, one air tamper, four moil point gads and one 5-in. cutting chisel for approximately four months' use in San Mateo and San Bruno.

George M. Philpott, $140 per month; $10 maintenance.
A. Soda & Son, $199.
H. L. Sanders, $205.
Western Machinery, $225.
Coast Equipment Co., $230.

3/28/46 ** 43
BIDS WANTED
COLUMBIA BASIN PROJECT, Washington.—Until May 1, 2 P. M., bids will be received by the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1266 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Odair, Wash., at the option of the bidder, one 150,-000-gallon, one 300,000-gallon and one 60,000-gallon welded steel water-storage tank fabricated complete in accordance with the specifications and drawings, and delivered knocked down for field erection by the government for the water supply system at the Grand Coulee power plant, Columbia Basin Project. The tanks will be erected by the government. No charge for copies of the specifications to prospective bona fide bidders; to others, $0.75, not returnable.

3/28/46 * * 43
BIDS OPENED
BOULDER CANYON PROJECT.—U. S. Pipe & Manufacturing Co., 249 1st St., San Francisco, at $9990, submitted low bid to the U. S. Bureau of Reclamation, Denver, Colo., under Spec. 1208 for furnishing and delivering f.o.b. cars at the shipping point or f.o.b. cars at Boulder City, Nev., two 24-inch jet pumps for unwatering sumps at Boulder power plant, Boulder Canyon Project, Arizona-California-Nevada.

Other bids were:
Consolidated Steel Corp., Los Angeles, $12,980.
Joshua Hendy Iron Works, San Francisco, $13,220.

3/28/46 ** 43
BID OPENED
CENTRAL VALLEY PROJECT.—Otis Elevator Co., 1 Beach St., San Francisco, at $27,239, submitted only bid to Department of the Interior, Bureau of Reclamation, Denver, Colo., under Spec. No. 1158 for furnishing and installing electric elevator for Keswick power plant, Kennett Division, Central Valley Project.

The Keswick power plant is situated on the Sacramento River near Redding.

The elevator will be an electric elevator having a capacity of 3000 lbs. and will be used primarily for passenger service. The travel will be 67 feet 6 inches.

(Continued on Page Four)

EMPLOYMENT SERVICE

For further information regarding positions listed under this classification address Newton D. Cook, Manager, Engineering Societies Personnel Service, 57 Post St., San Francisco.

STRUCTL. DESIGNER or draftsman. for misc. work. Sal. depends on ability. San Francisco. S-66[illegible]

ELEC. SUPT., exper. on diesel plant operation, general construction and maintenance (native language is Greek). Report single. 3 yr. contract. Salary $325-350 mo. Apply by letter. Foreign. S-651.

MARINE ENGR., 30-40 yrs. old and Chief's ticket, for sales work. Perm. Salary, expenses and bonus. San Francisco. S-679.

MECHL. DRAFTSMAN, not over 30, with some exper., for boilers and piping details. Perm. Salary open. San Francisco. S-668.

TOOL DESIGNER, exper. on forming dies and fixtures for light mfg. Perm. Salary open. San Francisco S-638.

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS Applications

SAN FRANCISCO

COFFEE PLANT, Class C, $25,000; N Harrison 257 E 4th St; owner, Milo Coffee Co, 759 Harrison St; contractor, American Fixture Co, 935 Howard.

ALTER men's club, $15,000; 2016 Pacific Ave; owner, Erich Sarshe, 208 Fair Oaks; contractor, Gene Compton Corp, 144 Ellis St; architect, Earl R McDonald, 144 Ellis.

ALTER dwelling, $9000; 2133 Lyon; owner, Drs J and E Lazarus, 2133 Lyon; contractor, Erbentraut and Summers, 446 6th St; architect, Hertzke & Knowles, 85 Post St.

DWELLING, 1-story frame, $7000; N Cotter 102.143 E San Jose Ave; owner, Louis Volpe, 272 Cotter St; contractor, S A Giusti & Co, 200 Green St; architect, De Martini & Igaz, 786 Market St.

ALTER light mfg bldg, $5000; South Jessie 475 W 6th St; owner, Sterling Furniture Co, 1049 Market St; contractor, Wagner & Martinez, 181 South Park.

ALTER office bldg, $5000; 76 Townsend St; owner, Pacific Vegetable Oil Corp, prem; contractor, Alf P Fisher, 300 Montgomery St.

DWELLINGS, two, 1-story fr, $4,500 each; E Head 79, 104 S Randolph; owner and contractor, I Baldwinson, 801 Randolph.

ALTER storage bldg, $4000; 1479-81 Harrison St; owner, J Francis O'-Connor, prem; contract not let.

SIGN, electric, $3000; 942 Market St; owner, Lippett, premises; contractor, Brumfield Elec Sign Co, 965 Folsom St.

ALTER office, $3000; 426 Bryant St; owner, Homer R Bosse, San Mateo; contractor, Daley Bros, Belmont.

ALTER dwelling, $3000; N Sadowa 205 W Capitol; owner, W J Greer, 4624 Geary Blvd; contractor, Wesley Hanks, 4128 Geary Blvd.

ALTER store, $2000; 2117 Chestnut; owner, Riviera Co, Inc, c/o cntr; contractor, Henry Arian Const Co 4142 Geary Blvd.

CLASS A shop, 1-story (first unit), $1874; E Shotwell 150 N 15th St; owner, John Morvat, 1866 Folsom; contractor, Mariposa Constr Co, 1106 Mariposa.

ALTER bakery and living quarters, $1500; 678 Chenery St; owner, Mrs Christina Straub, 601 Bosworth; contractor, Walter Mfg Co, Belmont.

ALTER retail store, $1000; 877 Market St; owner, Grayson's, Inc, 877 Market; contractor, Empire Constr Co, 344 Harriet St.

BUILDING PERMITS Granted

SAN FRANCISCO

MARCH 26, 27, 1946

COMMERCIAL bldg, $6000; NW 46th Ave and Taraval; owner, Ralph P Kattge; architect, Frederic Shaw 334 S Van Ness Ave; contract not let.

NEON Sign, horizontal, $198; 1335 Fillmore St; owner, X H Grusenmeyer; contractor, Neon Mtce Corp 755 Davis St.

MFG BLDG, Class C light, $34,000; E 7th St 80 N Brannan; owner, James J Noble, Jr; engineer and builder, James H Hjul, 128 Russ.

ALTER entrance, cut archways inside bldg, erect partitions and add vitrolite across front of building, $2000; 645 Valencia St; owner, L Normanly and L Kilgannan; contractor, D E McDonald, 631 Buena Vista, Alameda.

REMOVE present altar and chancel and replace with new platforms, choir, pulpit and alter and install fire blocking and misc repairs, $10-000; 1135 O'Farrell St; owner, St Marks Lutheran Church: contractor, Angus Holden, 605 Russ Bldg.

UNDERPIN bldg walls, excavating yard and covering with part concrete and part steel supports for tiner covering tar and gravel roof, $15,000; 900 North Point St; owner, D Ghirardelli Co; architect, Wm Mooser, 251 Kearny St.

STUDIO, 1-story frame portrait, $7-000; E Mission St 75 S Guttenberg; owner, J M Waldron; plans by owner, 56 Dublin St.

REMOVE partitions in store and flat and build new ones, strengthen posts and girders covering all walls and partitions with Sheetrock $8000; SW Washington and Fillmore Sts; owner, Hattie Hausmann architect, Wm Mooser, 251 Kearny St; contractor not let.

RESIDENCE, 2-story frame, $10,000; N 25th St 100 E Fontaine; owner, M Rocktechell; contractor, Coast Bldg Co, 744 Harrison St.

FLATS, 2-story frame, $10,000; N San Jose Ave 75 W Standish; owner, E and R Harrison; contractor, A Berwick, 235 Brentwood Ave.

NEW 2nd story and build addition, $2000; NE Cor Howard and Russ; owner, M Stanovich; architect, G A Berger, 309 Valencia St.

COMPLETE bath room and new kitchen floor of dwelling, $500; 206 7th St; owner, Anthony Oliviero.

REBUILD south end of flat, first story to be connected with corner bldg, $1500; E Russ St 50 N Howard; owner, M Stanovich; architect, G A Berger, 309 Valencia

STORE ,2-story frame and 2 apts, $25,000; SW Cor 18th and Taraval; owner, Syl Moise; architect, S Heiman, 605 Market St; plans by Jean Brown, 2475 16th Ave; contractor, Cramer Co, 345 Vermont.

REMODEL front and interior of store, $40,000; 877 Market St; owner, Grayson's; plans by Gruen & Krummeck; contractor, Empire Constr Co, Ltd, 344 Harriet St.

ALTER flats into four apts and one flat, $5200; 710-12-14 Hayes St; owner, Steven J Harris; contractor, Brendan J Murphy, 2418 Lombard St.

OAKLAND

LOFT BUILDING (3-story concrete), $323,000; 9957 Medford Ave; owner, Butler Packing Co, Box 153, Elmhurst Station; builder, M. & K. Corp., Financial Center Bldg., San Francisco; structural engineer, L H Nishkian, 1045 Sansome St, San Francisco.

SHED (1-story), $500; 4301 Telegraph Ave; owners, J & A Hassler, 6491 Benvenue Ave; builder, J F Loughrey, 705 31st St.

ALTERATIONS, $900; 304 14th St; owner, M McKee, prem; builder, John Militello, 5825 Fremont St.

ADDITION, $2000; 4053 Oakmore Rd; owner, R D Mitchell, prem; builder, Pioneer Builders, 516 San Pablo Ave, Albany.

OFFICES (1-story steel) (7), $1450 each; 3001-07-15-21-25-33-39 Broadway; owner, Forman Motor Co, 30th and Broadway; builder, Independent Iron Works, 821 Pine St.

OFFICES (1-story steel) (4), $1450 each; 3043-55-73-77 Broadway; owner, W A Connell, 3321 Broadway; builder, Independent Iron Works, 821 Pine St.

ALTERATIONS, $50,000; 440 17th St; owner, First Federal Savings & Loan, 440 17th St; builder, Christensen & Lyons, 3454 Harlan St; architect, Wm E Schirmer, 1419 Broadway.

WAREHOUSE (1-story), $2500; 7121 Hawley St; owner, E Henas, 6916 Arthur St; builder, Henas & White, 6916 Arthur St.

ALTER AND REPAIR, $4000; 817 Broadway; owner, J L Rossi, 2840 Claremont Blvd, Berkeley; builder, Frank Puccetti, 4121 Lusk St.

ALTERATIONS, $880; 5449 E 14th St; owner, Mueller Bros, 5459 E 14th St; builder, Crown Roofing Co, 2336 Market St.

REPAIRS, $850; 3915 Telegraph Ave; owner, Florence Traplong, 2909 McClure St; builder, John Militello, 5825 Fremont St.

ALTERATIONS, $500; 4255 MacArthur Blvd; owner, R C Malone, 4255 MacArthur Blvd; builder, Owen & Hamilton, 3620 High St.

DWELLING (1-story 5-room), $5000; 6807 Mokelumne Ave; owner, Kermit Jones, 3227 High St; builder, Owen & Hamilton, 3630 High St.

SHOP (1-story concrete), $1000; 1617 Market St; owner, Donald Green, 1525 Brush St; builder, H G Mims, 3245 Idaho St.

ALTERATIONS, $1000; 934-38 24th St; owner and builder, Solid Rock Baptist Church, premises.

ALTERATIONS, $700; 264 Monte Vista Ave; owner, E Seibert, 264 Monte Vista Ave; builder, J E Carlson, 3190 Texas St.

OFFICE (1-story concrete), $25,000; 1523 Franklin St; owner, Pacific Tel & Tel Co, 140 New Montgomery St, San Francisco; builder, N H Sjoberg & Son, 5604 E 16th St; architect, H A Thomsen Jr, 315 Montgomery St, San Francisco.

DWELLING (1-story 5-room), $6000; 2145 107th Ave; owner, Jennie D Grant, 23 Randwick Ave; builder, Grant Construction Co, 23 Randwick Ave.

SAN MATEO COUNTY
Unincorporated

RESIDENCES, $5,000 each; LOTS 129, 130, 131, 131, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149 Meadow Lane; Lots 25, 26, 27, 28, 60 and 61 Spring St, all in Redwood Village; owner and builder, Conway & Culligan, Monadnock Bldg, San Francisco.

SAN MATEO

DWELLING, $9000; 509 26th Ave; owner and builder, Robt Beglan.

RESIDENCE, $15,000; 617 Capistrano Way; owner and builder, J Henry Delaney, 509 Capistrano Way.

ALTER dwelling, $2000; 20 W Humboldt; owner, David Basotti; contractor, Vincent A Enrico.

DUPLEX and Store, $12,000; 156-8 S Blvd; owner and builder, H J Hardy.

WAREHOUSE, $2000; 2228 Palm; owner and builder, H J Hardy.

ALTER store, $1000; 245 Railroad; owner, Marin Dairyman's Milk Co; contractor, L C Smith.

ALTER residence, $1800; 750 North Idaho; owner, J L De Benedetti, Jr; contractor, R E Broderick, 130 12th Ave.

OFFICE and warehouse, $15,000; 811 B St; owner and builder, George Arthur Sons, 941 S Claremont.

BUILDING, $50,000; 363 N Bayshore; owner, E H Stolbury; contractor, Geo Arthur & Sons, 941 S Claremont St.

DWELLINGS, $6000 ea; 111 St Inez; 19 St Mary's Court; 1023 Mt Diablo 332, 354, 338, 350 Humboldt; 1032, 1000, 1020, 334, 1100, 1110, 1026, 1008, 1014 Indian Ave; 326, 320, 312, 316, 306, 300, 319, 330, 340, 344, 348, 350, 307 N Idaho owner and builder, Conway & Culligan, 37th and El Camino Real.

BURLINGAME

ALTER SERVICE STATION, $3800; Lorton and Howard; owner, Clare Kemp, Lorton and Howard; builder, Endet Material Products Co, 7490 Mission St, San Francisco.

ADD TO APARTMENT, $10,000; 139 Primrose; owner, C M Thomas, 2869 Bush St, San Francisco; builder, C H Bissett Building Co, 826 Walnut Ave, Burlingame.

STORE BUILDING, $30,000; Lot 9A, Block 1, Burlingame Ave; owner, McDonald, Wilson & Draper, 257 Primrose Rd; builders, Leo Sharp and Irving Brann, 1477 Burlingame Ave.

RESIDENCE, $10,000; Lot 11, Block 64, Easton Dr; owner and builder, G Klint, 2410 Easton Dr, Burlingame.

MEZZANINE, $200; 1305 Howard; owner and builder, E J Barnes, 1305 Howard Ave.

ALTER RESIDENCE, $1500; 800 Peninsula; owner and builder, H B Sagerdahl, 800 Peninsula Ave.

SOUTH SAN FRANCISCO

WAREHOUSE (steel frame), $4000; Burl-Buri Homes; owner and builder, Buri-Buri Homes, Inc, South San Francisco.

OFFICE BUILDING, $4000; Burl-Buri Homes; owner and builder, Buri-Buri Homes, Inc, South San Francisco.

HILLSBOROUGH

RESIDENCE, $7400; 125 Stonehedge Rd; owner, Paul D Steiner; builder, Wilfred H May, RFD 140B, San Mateo.

RESIDENCE, $25,000; Willow Rd; owner, Mrs T C Hawny; builder, Wilfred H May.

RESIDENCE, $25,650; Eucalyptus Ave; owner, Decker G McAllister; builder, Wagner & Martinez, 181 South Park, San Francisco.

RESIDENCE, $15,000; 130 Stonehedge Rd; owner and builder, Richard P Minor.

SAN LEANDRO

ALTER STORE, $5000; 601 E 14th St; owner, Joseph Altman, 2333 Oregon, Berkeley; builder, C H Thrams, 1100 6th Ave, Oakland.

DWELLING (1½-story 6-room), $8000; 686 Maud Ave; owner, O Titus, 2716 Short St, Oakland; builder, Peter Sieber, 2200 Clinton Ave, Alameda.

SAN MATEO COUNTY

RESIDENCES, $5.000 each; Lots 62, 63, 64, 65. 66. 67, 68, 196, 197 and 198 Sprin St; Lots 172, 171. 170. 161, 162, 163, 164, 168, 167, 166, 165 Greenwood Lane; Lots 123, 124, 125, 126, 127 and 128 Meadow Lane, all in Redwood Village; owner and builder, Conway and Culligan, Monadnock Bldg, San Francisco.

RESIDENCES, $6000 each; Lots 24, 20, 19, 18, 17, 16, 15, 13, 6 Blk 11, Sevier Ave; Lot 18 Blk 24, lot 11 Blk 17, Lots 17, 20, 21, 22, 24 Blk 18, Hollyburne Ave; Lot 8 Blk 13 Carlton Ave; Lot 18 Blk 13, Lots 31, 34, 35, 36, 37, 38, 39, 49 Blk 18 Sevier Ave; Lots 23 and 22 Blk 17 Sevier Ave, all in Newbridge Park; owner and builder, Arthur Greenbach, 2704 Rheem, Richmond.

RESIDENCES, two, $7200 each; Ptn Lot 16 Blk E, 9th Ave, Fair Oaks Rve; owner and builder, ames L Williams, 3518 Park Road, Menlo Park.

CITY OF NORTH SACRAMENTO

REMODEL building, $5000; 1927 Del Paso blvd; owner, Wayne Schwart; contractor, A E Erickson, 1932 El Monte Ave.

COMMERCIAL bldg, $8000; 1520 Del Paso blvd; owner and builder, J Baumgart, 3445 Montrose Ave.

GARAGE, $1000; 727 W El Camino; owner and builder, Harvey Buell.

BLDG, $100,000; 1505 Del Paso Blvd; owner, Standard Fruniture Co, 908 8th St; contractor, Bingham Const Co, 6329 Eastern Ave.

REMODEL garage for living qtrs, $750; 246 Cantalier; owner and contractor, L A Taylor, 2816 Land Park Drive.

REMODEL store, $......; 1130 Del Paso Blvd; owner, W Taylor; contractor, A E Erickson, 1932 El Monte Ave.

CITY OF SACRAMENTO

GARAGE, cement bricks, $1000; 3430 43rd St; owner and builder, C E Lanigir, 3430 43rd St.

DWELLING, 5-room stucco, wood frame and shingle, $7200; 1700 8th Ave; owner, M J Galbraith; contractor, R H Sutter, 1732 3rd Ave.

REMODEL 3rd floor of bldg, $9000; 830 K Street; owner, Montgomery Ward Co, 9th and K Sts; contractor, Bingham Constr Co, 6329 Eastern Ave.

REPAIRS to dwelling, $2000; 3000 I St; owner, J Hogan; contractor, Dave Hill.

ADD bedroom to dwelling, frame and rustic, $1000; 5409 9th Ave; owner, L Wythe; contractor, Lawrence Constr Co, 3020 V St.

STORE bldg, masonry, comp roof, $4800; 1822 Stockton Blvd; owner, John Bleuel, 1633 Santa Ynez Way; contractor, Chas Guth, 1515 27th.

REMODEL interior of bldg, $1886; 2104 Capital Ave; owner, Dr G E Millar, 3349 E Curtis Park Drive; contractor, Chas Guth, 1515 27th.

MARKET Bldg, frame and masonry, comp roof, $75,000; 801 Broadway; owner, Harry Wong, owner, 1613 6th St; contractor, Markwart Co, Ahern and Spear Sts.

DRIVE-IN Restaurant, stucco, fr, comp roof, $7500; 3880 5th Avenue; owner and builder, W P Carmody, 807 J St.

COURT, 8 family, 32 room, stucco, wood frame and shingle, $30,000; 2309-25 2nd Ave; owner and builder, C. D. Lemaster, 906 6th St.

DWELLING, 5-room, stucco, wood frame and shingle, $8500; 801 3rd Ave; owner, Walter J Browne; contractor, Paul Opdyke, 5924 S St.

REMODEL bldg, $1000; 1800 I St; owner and builder, W P Carmody, 807 J St.

STORE bldg, stucco, wood frame, comp roof, $8500; 1806 J St; owner and builder, W P Carmody, 807 J St; architect, Herbert E Goodpastor.

MARKET bldg, stucco, wood frame and shingle, $20,000; 3001 5th Ave; owner and builder, W P Carmody, 807 J St.

REMODEL garage for living qtrs, $1500; 1010 Yale St; owner and builder, L P Lorentzen, 1010 Yale.

DRUG STORE and doctors' office, cement blocks, comp roof, $19,000; 3608 Stockton Blvd; owner, Wm Vomini; contractor, Parsons Bros, 3856 Stockton Blvd.

SACRAMENTO COUNTY

SERVICE Station, $6500; Ptn Lot 250, Orangevale; owner, Harry Lemaster; contractor, Tony Zanetta.

DWELLING, 6-room, frame, $6500; Lot 54 W & K Tract No 36; owner and builder, Henry Geinger.

STORE and dwelling, cement tile, $8000; S ½ Lot 4 Blk 25, San Juan Grant of Fair Oaks Tract; owner and builder, Frank P Hart.

SERVICE Station, $3000; Lot 168 Gardenland; owner and builder, Chas T Van Meter.

DWELLING, 4-rm frame and stucco, $4000; Lot 4 Blk 16 North Sacto Sub No 6; owner and builder, Roy Keifer.

DWELLING, 6-room frame, $10,000; Lot 15, Bellview Village; owner and builder, A Bruce Asbury, 3500 13th St.

ADDN to dwelling, 3-room, $700; Lot 46, Swanston Acres; owner and builder, Jos Montevio.

CHURCH bldg, concrete, $40,000; Lot 5 Blk 21, North Sacto Sub No 8; owner and builder, Church of the Nazarene.

BLDG, frame and stucco, $6000; Lot 47 Carmichael Colony; owner and builder, Howard G Newell, Carmichael.

DWELLING, 5-room cement stucco, $6750; Lot 90, Wright and Kimbrough Tract No 36; owner, A J Tonn; contractor, Markwart Co.

DWELLING, 5-room cement stucco, $6829; Lot 141 Country Club Est; owner, Frank Smith; contractor, Markwart Co, Ahern and Spear.

DWELLING, 5-room clay tile, $4000; Ptns Lots 14 and 15 Blk O, Del Paso Heights; owner and builder, Leonard Glenn.

TRAILER Court, concrete and brick $1200; Lot 20 plat of Blvd Acres; owner and builder, L G Reid.

DWELLINGS, two 5-room frame $12,000; Lot 48 Camelia Acres; owner and builder, Jos A Adamic.

STORE and living qtrs, $5000; W ½ of SW¼ 35 Twp 8; owner and builder, Jerome Kara, Florin Rd.

ADDN to store, frame and stucco, $6000; Tract 37 lying S to E of Fulton Road; owner and builder, Mrs C A Monson.

DWELLING, 5-room frame, $7000; Lot 4 Blk 14 North Sacto Sub No 3; owner and builder, W Earl Stephenson

DWELLING, 4-room frame, $1000; Lot 12 Gardenia; owner and builder, J T McCloud.

DWELLINGS, one 3-room and one 6-room, brick, $12,000; Lot 23 Oak Plane Sub No 1; owner and builder, W S Trimble.

GARAGE, $600; S½ Lot 21 City Farms No 2; owner and builder, John Haga, Jr.

Plumbing Permits

OAKLAND

411 13th St; owner, Tribune Publishing Co; dealer, W Lindwall; 1 fixture.

644 28th St; owner, Dr Sheppard; dealer, D Minoggio; 1 fixture.

2326 Telegraph Ave; owner, F Du Breatz; dealer, D Minoggio; 3 fixtures.

2310 Telegraph Ave; owner, J A Freitas; dealer, D Minoggio; 2 fixtures.

3446 Louise St; owner, E L Brye; dealer, D Minoggio; 1 fixture.

595 24th St; owner, J Desalernos; dealer, D Minoggio; 1 fixture.

581 12th St; owner, Irvin; dealer, D Minoggio; 9 fixtures.

355 Magnolia St; owner, G Carrol; dealer, D Minoggio; 1 fixture.

3975 Whittle; owner, Oley; dealer, D Minoggio; 5 fixtures.

3975 Whittle (rear); owner, J Oley; dealer, D Minoggio; 2 fixtures.

1222 38th Ave; owner, Birchemen; dealer, H Sogn; 9 fixtures; 5 outlets.

1115 Center St; owner, W Scott; dealer, Cleaners' Exchange; 2 gas outlets.

Furnace Permits

OAKLAND

6040 Valley View; owner, Luckey; dealer, Atlas Heating; central furnace.

101st Ave and San Leandro Blvd; owner, Matinson Rug Works; dealer, Atlas Heating; central furnace.

Corner Kansas and Magee; owner, Methodist Church; dealer Oscar Zies; floor furnace.

2220 86th Ave; owner, Dehlschloger; dealer, O C Wood; floor furnace.

Completion Notices

SAN FRANCISCO

Recorded Accepted

Mar 12, 1946—3315 OCTAVIA ST. Hector LaVole to Chas Richanbach of the Coast Bldg Co............March 4, 1946

Mar 27, 1946—W 34th AVE 150 S Quintara. Herman and Grace Olliges to whom it may concern ....March 14, 1946

Mar 27, 1946—NW HARLAN PL and Grant Ave. Pacific Tel and Tel Co to Wellnitz & De Narde.. ....March 18, 1946

Mar 26, 1946—LOT 25 Blk 6326, Sub No 2 Brookdale Terr. Sbarboro & Jorgenson, Inc to whom it may concern............March 25, 1946

CONTRA COSTA COUNTY

Recorded Accepted

Mar. 25, 1946—Lot 5, Lafayette Crescent, Lafayette. Thomas W Boothe to self............Mar. 20, 1946

Mar. 25, 1946—Lots 18 and 19, Block 4, Subdivision of Block 1-W, Town of Rodeo. Giacomo Demergasso to Robert Bader............Mar. 22, 1946

Mar. 25, 1946—Lot 4, Block 4, Martinez Land Co Tract No 1, near Martinez. Norman C Larsen to David Ailer............Mar. 25, 1946

Non-Responsibility

CONTRA COSTA COUNTY

Mar. 25, 1946—Parcel of land containing 1.106 acres in the Town of Alamo. Antonio and Marcella Ratto as to improvements on property.

SAN FRANCISCO

Mar 25, 1946—1125 MARKET ST. E B De Golia as to improvements on property.

Electrical Permits

SAN FRANCISCO

345 25 Oak St; owner, U S Treasury; contractor, Crown Electric Co; 31 outlets; 7 plugs.

346 Minnesota and Islais Creek; owner, Mar Veg; contractor, Crown Elec Co; ....

347 1009 Market St; owner, Warfield Luggage Store; contractor, Crown Elec Co; 5 outlets; 3 switches.

348 543 Divisadero; owner, Barney; contractor, Crown Elec Co; 4 outlets; 2 plugs.

349 601 Mariposa; owner, General Pet Co; contractor, Pacific Elec and Mech Co; service; motors.

350 Bay Shore and Visitacion; owner, Schlage Lock Plant No 2; contractor, Pacific Elec and Mech Co Inc; motors.

351 Ellis and Franklin Sts; owner Sacred Heart College; contractor, M Schimetschek; 6 outlets; 6 switches; 3 plugs.

352 SW Cor Powell and Bay Sts; owner, Bimbo; contractor, M Schimetschek; 4 outlets; 2 switches; alterations.

353 2471 Mission St; owner, Olson Jewelry Co; contractor, Porter Elec Co; 21 outlets; 4 switches; 4 plugs.

354 1177 Market St; owner, J M Long & Co; contractor, Dover Elec Co; 7 outlets; 4 plugs; alterations.

355 144 Belgrave; owner, Avakian contractor, Dover Elec Co; service.

356 1394-96 23rd Avenue; owner, Doelger; contractor, Richmond Elec Co; 11 outlets; 11 switches; 11 plugs; service.

357 1133-5 Judah St; owner, Doelger; contractor, Richmond Electric; 11 outlets; 11 switches; 11 plugs; service.

358 W 20th Ave 350 S Pacheco; owner, Herzig; contractor, Richmond Elec Co; service.

359 901 Fillmore; owner, Fulton Supply; contractor, Buzzell Electric Works; motors; service.

360 648-50 Howard Street; owner, Cleveland Twist Drill; contractor, Central Elec Co; 8 outlets; 4 switches; 12 plugs.

361 1511-A Geary St; owner, Two Sisters Cafe; contractor, Central El Co; 1 plug.

362-4 Various locations and owners; contractor, Elec Products Corp; signs.

365 929 Geary St; owner, E Wong; contractor, Chan Elec Co; ....

366 729 Washington St; owner, F Pow; contractor, Chan Elec Co; 7 outlets; 6 switches; 5 plugs; serv.

367 1625 Buchanan St; owner ,D Tatsuno; contractor, Chan Elec Co; 24 outlets; 8 switches; 4 plugs; serv.

368 903 Florida; owner, Tanishi; contractor, Star Elec Co; 5 outlets; 5 switches; 4 plugs; service.

369 762 Valencia; owner, Voras; contractor, Star Elec Co; 3 outlets; 1 switch; 7 plugs; service.

370 2755 Webster St; owner, C R Collupy; contractor, Malm & Welter; ....

371-7 Various locations and owners; contractor, Neon Mtce Corp; signs.

378 E Clara bet 5th and 6th Sts; owner, Johansen; contractor, G H Armstrong Elec; 5 outlets; 3 plugs; 3 switches

379 1339 Minna St; owner, Landini; contractor, Mohrdick Elec; 5 outlets; 1 switch.

380 Stockton and O'Farrell Sts; owner, City of Paris; contractor, Mohrdick Elec; ....

381 88 Sacramento; owner, Harbor Emergency Hosp; contractor, Mohrdick Elec; 2 outlets; 2 switches.

382 164 Taber Place; owner, Johnson; contractor, Mohrdick Elec; alterations.

383-6 2134-38-42-46 25th Ave; owner, Pacific Coast Constr Co; contractor, B J Doherty; 12 outlets; 11 switches; 15 plugs; service.

387 802 6th St; owner, M Bercovich; contractor, Stone-Ryals Electric; motors.

388 359 Holyoke; owner, ...; contractor, Leonard L Johnston; ....

389 S Townsend 150 E 2nd St; owner, Gattis Yates; contractor, State Electric; ....

390 Fillmore near Lombard; owner Garris & Wooster; contractor, Chas A Langlais Co; 27 outlets; 6 plugs; service; motors.

OAKLAND

36405 903 7th St; owner, Jones; contractor, T C Moody; sign.

36406 1009 Campbell; owner, Thomas; contractor, T C Moody; 3 outlets; 3 fixtures.

36407 1226 Market St; owner, Hofron; contractor, T C Moody; 8 outlets; 3 switches; 8 fixtures; 1 plug.

36408 4308 E 14th St; owner, Sajo; contractor, Roberts Lighting Fixture Co; fixtures.

36409 3600 Telegrajh; owner, Doe; contractor, Pacific Gas & Electric; service.

36410 1240 104th Ave; owner, Croso; contractor, R F Long Co; fixtures; alterations.

36411 6th and Washington Sts; owner, Associated Refrigerator Co; contractor, Spott Electrical; motors.

36412 721 Wood St; owner, Morgan; contractor, Spott Electrical ;alterations.

36413 324 14th St; owner, Marne Cafe; contractor, Shea Electric; sign.

36414 3936 Canon Ave; owner, Willis; contractor, Ets-Hokin & Galvan; service.

36415 3770 Harrison; owner, Towers; contractor, Johnston Electric Co; saw motors.

36416 549 52nd St; owner, Reboli; contractor, Paramount Electric; fixtures; alterations.

36417 5301 College Ave; owner, Gilbert Furniture Co; contractor, Red Top Electric; 18 outlets; 5 switches; 5 plugs.

36418 857 Erie St; owner, Macomber; contractor, Red Top Electric; 3 outlets.

36419 1837 41st Ave; owner, Ballentyne; contractor, Scott-Buttner Electric; service.

36420 918 Trestle Glen Rd; owner, Balboa; contractor, Clifford Electric; range.

36421 3751 E 14th St; owner, Fruitvale Toggery; contractor, Clifford Electric; outlets; switches; plugs.

36422 555 High St; owner, Daco Development Co; contractor, Clifford Electric; service.

36423 1080 66th St; owner, Alena; contractor, Flagler Electric; service; alterations.

36424 3133 San Pablo; owner, Christensen & Lyons; contractor, T L Rosenberg; outlets; switches; fixtures; plugs.

36425 940 Arlington; owner, S T Johnston Co; contractor, T L Rosenberg; 1 outlet; 3 plugs.

36426 336 12th St; owner, Electric Blue Print Co; contractor, California Electric; 4 plugs.

36427 340 29th St; owner, Atlas Engineering Co; contractor, California Electric; service.

36428 816 E 14th St; owner, Martsolf; contractor, Western Neon; sign.

36429 5935 MacArthur; owner, Doe; contractor, Collins Electric; fixtures.

36430 2236 Tiffin Rd; owner, Doe; contractor, Collins Electric; outlets; switches; fixtures; plugs.

36431 424 29th St; owner, 9th St Garage; contractor, General Neon Lite Co; alterations.

36432 650 E 11th St; owner, Richards; contractor, Davis Electric; outlets; fixtures.

36433 1826 Woodhaven Way; owner, Bernard; contractor, Clifford Electric Co; outlets; switches; fixtures; plugs.

36434 1238 Campbell; owner, Doe; contractor, Conrad Electric; service.

36435 504 E 10th St; owner, Searle Air Brake; contractor, Conrad Electric; outlets.

36436 910 Washington St; owner, Bill's Place; contractor, Spott Electrical; motors.

36437 3450 School St; owner, Casquiro; contractor, James Anderson; outlets; switches; fixtures; plugs.

36438 600 Fallon St; owner, Industrial Steel Treating Co; contractor, Scott-Buttner Electric; motors; alterations.

36439 9328 E 14th St; owner, People Furniture Co; contractor, Western Neon Corp; sign.

36440 565 North St; owner, Jeffre; contractor, H Hofvendahl; transformer.

Engineering Section

34—DAMS, RESERVOIRS & DREDGING

3/28/46 34

CENTRAL VALLEY PROJECT, California.—Until April 10, 10 A. M. (postponed from March 29), bids will be received by the U. S. Bureau of Reclamation, Walker R. Young, chief engineer, Friant, under Spec. 1204, for the construction of earthwork, concrete lining, and structures, for Friant-Kern Canal, Sta. 1647 plus 75 to Sta. 3876 plus 00, Friant Division, Central Valley Project. The work extends from 18 miles east of Fresno to 10 miles east of Visalia.

Revised quantities are:

SCHEDULE No. 1

Stations 1647 plus 75 to 1932 plus 75

(1) 1,045,000 c.y. common excav. for canal;
(2) 212,500 c.y. rock do;
(3) 100,000 sta. c.y. overhaul;
(4) 67,300 c.y. compacting embankment;
(5) 5,600 c.y. common excavation for drainage channels and dikes;
(6) 500 c.y. rock do;
(7) 16,500 c.y. common excavation for structures;
(8) 200 c.y. rock do;
(9) preparing 67,000 s.y. rock foundations for concrete lining;
(10) trimming 227,000 s.y. of earth foundations for concrete lining;
(11) 100 c.y. rockfill;
(12) constructing 80 c.y. of reverse filters;
(13) 1,550 s.y. dry-rock paving;
(14) 11,700 c.y. backfill about struc.;
(15) 4,700 c.y. compacting backfill;
(16) 1,460 c.y. concrete in structures;
(17) 500 c.y. concrete in bridges;
(18) 14,150 c.y. concrete in reinf. canal lining;
(19) 14,150 c.y. concrete in unreinf. canal lining;
(20) placing 336,000 lbs. reinf. bars in struc. and bridges;
(21) placing 750,000 lbs. reinf. bars in canal lining;
(22) placing 620 s.f. elastic filler material in joints;
(23 placing 140 l.f. of rubber water stops in joints;
(24) placing 3,000 lbs. of metal water stops in joints;
(25) erecting 196.3 M ft. b.m. timber in structures;
(26) constructing 20 cattle guards;
(27) constructing 1.5 miles barbed-wire fence;
(28) constructing 10 miles of comb. barbed- and woven-wire fence;
(29) constructing 43,000 l.f. of underdrains with uncemented joints;
(30) constructing 29,000 l.f. of feeder drains;
(31) installing 410 l.f. pipe in reverse filters;
(32) installing 29,600 lbs. of misc. metal work.

SCHEDULE No. 2

Stations 1932 plus 75 to 2631 plus 00

(1) 3,002,000 c.y. common excav. for canal;
(2) 8,000 c.y. rock do;
(3) 153,000 sta. c.y. overhaul;
(4) 40,450 c.y. compacting embankment;
(5) 302,000 c.y. common excav. for drainage channels and dikes;
(6) 2,000 c.y. rock do;
(7) 120,000 c.y. common excavation for structures;
(8) 100 c.y. rock do;
(9) 134,000 c.y. uncompacted earth canal lining;
(10) 336,000 c.y. compacted do;
(11) 5,200 c.y. rockfill;
(12) 7,100 s.y. dry-rock paving;
(13) 92,000 c.y. backfill about struc;
(14) 47,000 c.y. compacting backfill;
(15) 11,700 c.y. concrete in struc.;
(16) 5,200 c.y. concrete in bridges;
(17) placing 2,825,000 lbs. reinf. bars in structures and bridges;
(18) placing 450 s.f. elastic filler material in joints;
(19) placing 25,400 lbs. of metal water stops in joints;
(20) erecting 217.6 M ft. bm timber in structures;
(21) constructing 40 cattle guards;
(22) constructing 12 miles of barbed-wire fence;
(23) constructing 12 miles of comb. barbed- and woven-wire fence;
(24) laying 440 l.f. 18-inch diameter corrugated metal pipe;
(25) laying 165 l.f. 24-inch do;
(26) laying 115 l.f. 30-inch do;
(27) laying 150 l.f. 36-inch do;
(28) laying 290 l.f. 48-inch do;
(29) installing 50,000 lbs. of misc. metal work.

SCHEDULE No. 3

Stations 2631 plus 00 to 3369 plus 00

(1) 2,660,000 c.y. common excavation for canal;
(2) 181,000 rock do;
(3) 106,000 sta. c.y. overhaul;
(4) 229,500 c.y. compacting embankment;
(5) 203,000 c.y. common excav. for drainage channels and dikes;
(6) 2,000 c.y. rock do ;
(7) 40,000 c.y. common excavation for structures;
(8) 2,000 c.y. rock do;
(9) preparing 61,300 s.y. rock foundations for concrete lining;
(10) trimming 177,000 s.y. of earth foundations for concrete lining;
(11) 120,000 c.y. uncompacted earth canal lining;
(12) 302,000 c.y. compacted do;
(13) 100 c.y. rockfill;
(14) 5,400 s.y. dry-rock paving;
(15) 25,000 c.y. backfill about struc.;
(16) 14,000 c.y. compacting backfill;
(17) 3,480 c.y. concrete in struc.;
(18) 4,100 c.y. concrete in bridges;
(19) 11,500 c.y. concrete in reinforced canal lining; canal lining;
(20) 11,500 c.y. concrete in unreinf.
(21) placing 1,158,000 lbs. reinf bars in structures and bridges;
(22) placing 610,000 lbs. of reinf. bars in canal lining;
(23) placing 400 s.f. elastic filler material in joints;
(24) placing 4,400 lbs. metal water stops in joints;
(25) erecting 424.0 M ft. bm timber in structures;
(26) constructing 48 cattle guards;
(27) constructing 12.5 miles barbed-wire fence;
(28) constructing 12.5 miles of comb. barbed- and woven-wire fence;
(29) constructing 21,000 l.f. underdrains with uncemented joints;
(30) constructing 14,000 l.f. feeder drains;
(31) laying 175 l.f. 18-in. diam. corru. metal pipe;
(32) laying 315 l.f. 24-inch do;
(33) laying 560 l.f. 30-inch do;
(34) laying 170 l.f. 48-inch do;
(35) laying 75 l.f. 54-inch do;
(36) installing 76,000 lbs. of misc. metal work.

SCHEDULE No. 4

Stations 3369 plus 00 to 3876 plus 00

(1) 1,337,000 c.y. common excav. for canal;
(2) 146,000 rock do;
(3) 154,000 sta. c.y. overhaul;
(4) 251,000 c.y. compacting embankment;
(5) 11,000 c.y. common excav. for drainage channels and dikes;
(6) 1,000 c.y. rock do;
(7) 100,000 c.y. common excavation for structures;
(8) 1,000 c.y. rock do;
(9) preparing 29,000 s.y. rock foundations for concrete lining;
(10) trimming 473,000 s.y. earth foundations for concrete lining;
(11) 2,700 c.y. rockfill;
(12) constructing 240 c.y. of reverse filters;
(13) 1,700 s.y. dry-rock paving;
(14) 20,000 c.y. backfill about struc.;
(15) 20,000 c.y. compacting backfill;
(16) 8,100 c.y. concrete in struc.;
(17) 1,700 c.y. concrete in bridges;
(18) 24,000 c.y. concrete in reinforced canal lining;
(19) 24,000 c.y. concrete in unreinf. canal lining;
(20) placing 1,735,000 lbs. reinf. bars in struc. and bridges;
(21) placing 1,272,000 lbs. reinf. bars in canal lining;
(22) placing 1,180 s.f. elastic filler material in joints;
(23) placing 180 l.f. of rubber water stops in joints;
(24) placing 24,400 lbs. metal water stops in joints;
(25) erecting 195.4 M ft. bm. timber in structures;
(26) constructing 26 cattle guards;
(27) constructing 1,900 l.f. of guard rails at bridge approaches;
(28) constructing 8.2 miles barbed-wire fence;
(29) constructing 8.2 miles combina. barbed- and woven-wire fence;
(30) constructing 72,000 l.f. underdrains with uncemented joints;
(31) constructing 48,000 l.f. of feeder drains;
(32) installing 1,230 l.f. pipe in reverse filters;
(33) laying 160 l.f. 18-in. diam. corru. metal pipe;
(34) laying 325 l.f. 24-inch do;
(35) installing 76,300 lbs. of miscel. metal work.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, Chief Engineer, U. S. Customhouse, Denver 2, Colo.; R. L. Boke, Regional Director, Old Post Office Bldg., 7th and K Sts., Sacramento 14, Calif.; R. K. Durant, Acting Construction Engineer, Friant Calif., and Michael W. Straus, Commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the Acting Construction Engineer.

No charge to prospective bidders for copies of the specifications and and drawings; to others, $2.50 per copy, not returnable.

Hazelton Elementary School Addition, Stockton, Calif.

BIDS: Board of Education, Stockton Unified School District, Administration Bldg., Stockton, April 2, 8 P. M. Plans by Architect J. U. Clowdsley, Exchange Bldg., Stockton.

S. C. Giles & Co., 319 Elks' Bldg., Stockton.

S. C. Giles & Co., 319 Elks Bldg., Stockton.

Prospective Bidders

Inner Breawater, Crescent City Harbor, Calif.

BIDS: U. S. Engineer Office, 74 New Mnotgomery St., San Francisco; Serial No. 04-203-46-6; April 10, 2 P. M.

Macco Constr. Co., Freight and Ferry Sts., Oakland.

Fredrickson & Watson Constr. Co., 873—81st Ave., Oakland.

Basalt Rock Co., Inc., 900 8th St., Napa.

Ben C. Gerwick, Inc., 112 Market St., San Francisco.

Piombo Bros. & Co., 1571 Turk St., San Francisco.

Heafey-Moore Co., 344 High St., Oakland.

Healy-Tibbitts Constr. Co., 1100 Evans Ave., San Francisco.

Duncanson-Harrelson Co., deYoung Bldg., San Francisco.

N. Rothman Factory Bldg., South San Francisco, Calif.

BIDS: Engineers Myron C. Gould Associates, 701 Sansome St., San Francisco; March 26, 2 P. M.

Henry Brown Constr. Co., 1387 E 32nd St., Oakland.

Empire Constr. Co., 344 Harriet St., San Francisco.

Henry Brown Constr. Co., 1387 E 32nd St., Oakland.

Empire Constr. Co., 344 Harriet St., San Francisco.

MacDonald, Young & Nelson, 121 Montgomery Street, San Francisco.

Daley Bros., 426 Bryant St., San Francisco.

Transwestern Constr. Co., Rialto Bldg., San Francisco.

Radlmann-Guisto, 40 Ringold St., San Francisco.

Erbentraut & Summers, 446 6th St., San Francisco.

Russell A. Cullen, 478 Jackson St., San Francisco.

Peter Kiewit Construction Co., 442 Post St., San Francisco.

A. Farnell Blair, 9 Main St., San Francisco.

M. J. King, Inc., 231 Franklin St., San Francisco.

D-S Canal Extension, Etc., Grass Valley, Calif.

BIDS: Nevada Irrigation District, Grass Valley, April 1, 2 P. M. Plans by Consulting Engineers Blackie & Wood, 544 Market St., San Francisco.

Wixson & Crowe, Box 799, Redding.

C. M. Syar, Box 1431, Vallejo.

Draper & Adams, 315 Walnut St., Red Bluff.

George F. Grant, Visalia.

Nevada Construction Co., Reno, Nev.

C. Dudley De Velbiss, Eastshore and Huntington Ave., Richmond.

A. R. McEwen, Box 1017, Sacramento.

Chittenden & Chittenden, Box 246, Auburn.

E. E. Lowell, Box 148, Vallejo.

Michael O'Hair, Box 278, Colusa.

Barney H. Stoutenberg, Hawthorne, Nev.

M. J. Ruddy, 922 Jay St., Modesto.

Andrew Bryne, Nevada City.

D. Gerald Bing, 2440 Marshall Way, Sacramento.

J. P. Breen, Box 183, Sacramento.

OFFICIAL PROPOSAL

Restoration of Sites, Areas A and B

Sealed bids will be received by the Chicago Bridge and Iron Company, Post Office Box 1022, Eureka, California, until 11 A. M. Pacific Standard Time, Tuesday, April 9, 1946, at which time they will be opened and read in the presence of a representative of the U. S. Navy, Bureau of Yards and Docks, for the following contracts:

Restoration of Site—Area A.
Restoration of Site—Area B.

"Restoration of Site, Area A," is for the removal of and disposition of various waterfront and shipbuilding facilities including timber sheet-pile cofferdams, mooring dolphins, an outfitting dock, and various shipways and miscellaneous structures. Award will be made by lump sum contract.

"Restoration of Site, Area B," is for the removal of and disposition of various site facilities including twenty or more frame buildings, timber prefabrication slabs, fences and miscellaneous structures. Award will be made by lump sum contract.

Maps, specifications, proposal forms and proposed contract forms may be obtained at the Eureka office of the Chicago Bridge and Iron Company, foot of Washington Street, Eureka, California.

CHICAGO BRIDGE AND IRON COMPANY
by N. M. BURDICK,
Resident Manager.
(Daily Pacific Builder)
(Mar. 27-28-29, 1946)

Classified Advertising

HELP WANTED

CONSTRUCTION SUPT. or FOREMAN for structural concrete jobs on highways, bridges and reservoirs. Man with crew preferred. State exp. and salary expected. Reply Box 325, c/o Daily Pacific Builder. to 3/29/46

Fully experienced FIRST CLASS DRAFTSMAN for substantial contemporary work. Mendelsohn, Dinwiddie & Hill, 233 Sansome St., San Francisco 4. (3/22-25-26-27-28/46)

POSITION WANTED

Man with 25 years' experience in building and building materials in this area. SALES, DRAFTING, TAKEOFF, BOOKKEEPING, THOROUGH KNOWLEDGE OF ALL BUILDING MATERIALS, desires connection with builder or material firm. Phone Mr. Greene, Mission 2008. 3/27-28-29/46

CONTACT MAN. Available April 1st. Excellent connections with leading West Coast Contractors and Architects; 12 yrs. heavy construction exp. in field and management. Reply Box 328, c/o Daily Pacific Builder. to 3/29/46

LUMBERMAN—GRADUATE ENGINEER; 12 yrs. lumber production and distribution. Also experienced in heavy construction field work and estimating. Excellent connections Northwest Mills. Reply Box 327, c/o Daily Pacific Builder. to 3/29/46

DRAFTING SERVICE

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Fifty-sixth Year—Vol. 56—No. 62 SAN FRANCISCO, FRIDAY, MARCH 29, 1946 PRICE 15 CENTS PER COPY

PLANS and Speculations

San Francisco: Mayor Lapham and the finance committee of the board of supervisors have authorized appropriation of $20,000 for a survey to determine the need of a new municipal building in the Civic Center.

oOo

Napa: The county board of supervisors has authorized application to the War Department for permission to construct a low level fixed span bridge across the Napa river south of Napa, to carry a proposed highway between the Napa-Vallejo highway and the Sonoma road.

oOo

Hanford: The city council has received a request for $75,000 to be used to construct a recreation building as a living memorial to the war dead. Bethel Mellor, president of the Hanford Youth Council, and Mrs. Homer Tibbs, asked the council to take under advisement the survey, conducted by their groups, which indicated the urgent need of recreational facilities here.

oOo

Sacramento: The city council has directed City Engineer F. J. Klaus to determine the cost of a sewage disposal plant sufficient to serve, not only this city, but the entire surrounding area. Klaus was ordered to take into consideration probable expansion of the area within the next 20 years. The city has $945,000 due it from the "Christmas Tree" fund, which must be matched by local funds.

#

Kneiss Appointed Local CPA Manager

Gilbert Kneiss is San Francisco manager designated to carry out the recently announced building restrictions, E. F. Halloran, regional director of the Civilian Production Administration, has announced.

Kneiss served as priorities manager for Halloran under the War Production Board in this region, and is well known for his work as engineer and technical director of the Golden Gate Exposition.

Halloran announced that the new organization will not be ready to issue permits for about a week. A seven-man committee, composed of representatives of labor and various industries, will advise him.

He expressed the hope that "all these building restrictions will be wound up and discarded by the end of the year."

"I do not think that heavy industry here will be crippled," he declared. "Apartment houses, hotels, and the San Francisco airport undoubtedly will be considered essential by me. However, these people will not be given priorities on materials that could go into veterans' homes," he added.

Curb on Construction and Repairs Finds Shortage of Public Works Projects Planning

Special from the Daily Pacific
Builder's WASHINGTON BUREAU

Survey by the Federal Works Agency revealed that a surprisingly large percentage of State and local governments were found "short" on public works planning at this time.

This is especially interesting to contractors in view of the recent edict curbing industrial, commercial and home building but permitting most public works programs to continue.

"The field staff of the Federal Work Agency's Bureau of Community Facilities contacted 33,990 Governmental units, including all of the State Governments and virtually all of the counties and larger cities," the agency said.

"More than 20,000 reports were received from 8,272 governmental units.

"Of the units reporting, 4,883 indicated that they had no projects in either the completed or design stage of plan preparations.

"Of 2,911 counties surveyed, 1,292 reported no plans. The same was true of 55 per cent of the cities and towns of 50,000 or less population. Twelve cities of more than 100,000 population and 20 cities between 50,000 and 100,000 population reported having no plans in either the completed or the design stage."

PLANS FOR NEW YORK

About half of the $951,144,000 worth of public works for which plans have been completed without Federal planning aid is in New

(Continued on Page Two)

#

SEEK 100,000 HOMES

A bill is now pending in Congress for an additional $253,000,000 to convert a second 100,000 war structures in this country into temporary housing for veterans. As of mid-March, Federal Public Housing Authority reports 92,377 units of temporary housing have been converted under the program, and turned over to colleges, schools and municipalities for use in housing veterans and their families.

#

SELL HAMMERS, SLEDGES

War Assets Administration is disposing of 456,548 hammers and sledges valued at $420,000, also 350,000 new electric lamp bulbs and 524,320 new neon and argon glow lamps in sales now going on. The sales close April 8. For details, contact your local War Assets Administration office.

GROOVER AND I

A CRAZY WOMAN . . . . AND FIVE CENTS

This story is about a woman who measures 78 years x 104 pounds.

She is as bright as a spring morning and "chirpy" as a canary. She has no known relatives. Her only name is "Tiny"—except on the records of the State Mental Institution where she has been an inmate for many years.

★ ★ ★

Tiny has a nickel. She has had a nickel longer than any of the attendants can remember. She has no idle time—all of her spare time is employed in tatting.

★ ★ ★

She once had a tatting shuttle, but that was lost years ago. She now cuts a shuttle out of cardboard. These cardboard shuttles wear out quickly, but she cheerfully cuts another.

★ ★ ★

She goes to the commissary of the institution and with her 5c buys a spool of thread. After making a piece of tatting she sells it to the commissary for 5c—and then with her nickel in her hand she selects another spool of thread.

★ ★ ★

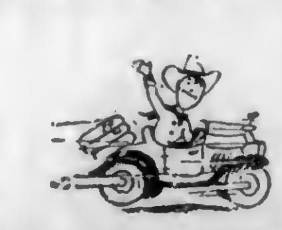
She may spend a half-hour carefully studying a dozen spools of thread—a dozen spools which to " J & P Coats" would appear to be identical. After she selects a spool satisfactory to her, she pays her nickel—and the cycle starts all over again.

★ ★ ★

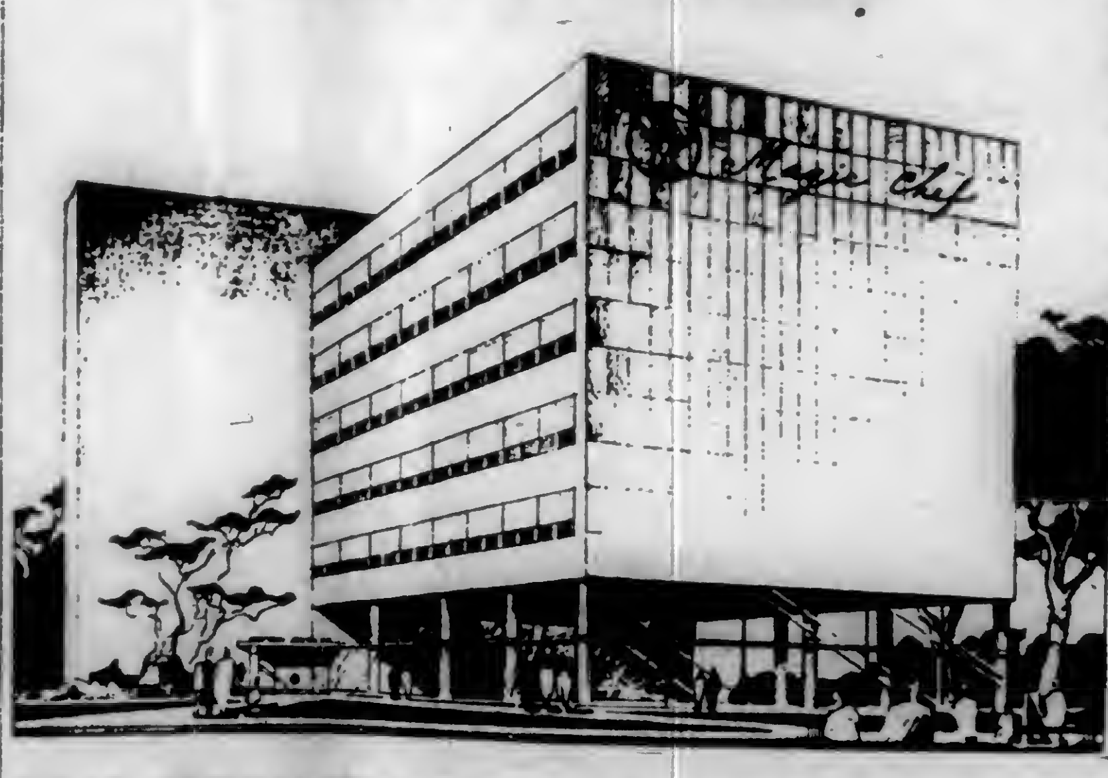
On one occasion the commissary attendant sympathetically insisted she take 10c for the tatting. Tiny was distressed for several days. The commissary had no thread selling at 10c per spool! She finally solved this problem by spending the extra 5c for a bottle of Coca Cola—and again with her spool of thread went happily on her way.

★ ★ ★

Who can say that Tiny isn't happy in her complete economic world with its capital of 5c? The doctors and the State say she is crazy!



Unique Office Construction



SOLAR ORIENTATION will make this proposed six-story office building free of direct light glare. Entire ground floor will be showroom and entrance lobby

'Magic Chef' Administration Building Outstanding Example of Contemporary Art

The American Stove company, manufacturer of Magic Chef gas ranges, has incorporated many of the newest ideas of structural and aesthetic design in its projected administration building to be constructed in St. Louis, Mo.

This six-story building, an outstanding example of contemporary design for large office-type structures, will centralize the principal offices and executive activities of the company at their new location in St. Louis.

Materials used in construction will include reinforced concrete, Indiana limestone facing and brick which is to be used towards the rear of the building. Functional landsacping is planned for all approaches to the building.

Solar orientation has been taken into account and the building will be so constructed that the entire north wall will be free from direct sun rays from 9 a. m. to 5 p. m. during midsummer days. Expansive areas of unshaded glass will be used in the north wall as a result of this placement, providing a high degree of natural diffused daylighting. Permanently sealed, double-insulating plate glass will be used in extensive windows. Permanent window washing equipment consisting of a car suspended from the roof by cables will be arranged in the original design.

Heating and air conditioning equipment will be in stacked arrangement at one end of the building with individually controlled units for each floor. Stacking the units will leave the major expanse of floor space open within the building's shell. Interior partitions will be built of prefabricated, interchangeable steel panels, each four by ten feet, which may be slipped into place with only the use of a screwdriver. Office space may thus be changed easily and quickly as new requirements dictate.

All lights will be recessed to ceiling surface. Lighting units and ceiling panels will be of modular design and interchangeable at will to conform with the rearranging of office partitions. Radiant heating will be delivered into the rooms through acoustical tile which will perform the double service of absorbing noise and radiating heat. Coils of the heating system will be in the utility stacks at the end of each floor and replacement air will be brought in by electronic filters.

#

DISPOSE OF POSTS

War tested and now war surplus, approximately 6,797,452 steel barbed wire fence and anchor posts valued at $1,811,580, are being placed on sale in a nation-wide disposal program beginning Mar. 29, the War Assets Corp., 30 Van Ness Avenue, announced today.

The posts were designed to special Army specifications with speed of installation and resistance to rough usage, a principal consideration. They are regarded as a great improvement over the old types of fences and, it is believed, will find a ready market for use on farms, orchards and ranches and by telephone, telegraph and power companies.

Material Shortages to Hamper Government's Accelerated Veterans' Building Program

Special from the Daily Pacific
Builder's WASHINGTON BUREAU

Material shortages today threatened to slow down the spurred activity of the government to channel all building materials into home construction for veterans as it appeared that many essentials for home building were not readily available in sufficient quantities to meet the "speed up" order in the new construction program.

Demand for lumber, brick, tile, building blocks, gypsum board and lath, sewer pipe, cast iron radiation, plumbing small ware and other items is running far in excess of available supply.

On top of commercial, highway and public construction deferred during the war, there is the pressing immediate need for homes—and homes fast—to meet Housing Stabilizer Wilson Wyatt's goal of 2,700,000 new housing units by the end of 1947 under the veterans' preference housing program.

Resilience of building materials manufacturers in stepping up production in the face of labor and supply obstacles will determine how fast the materials situation improves, Washington quarters said.

SUPPLY OUTLOOK

As the opening of the second 1946 quarter neared, the over-all outlook still was not good.

The Civilian Production Administration estimated that requirements for lumber in 1946 will be around 36,000,000,000 board feet while the largest production they see fo rthe year is around 32,000,000,000 board feet.

Estimated 1946 requirements and the production outlook for other building materials are as follows:

Softwood Plywood (to be used extensively in prefabricated housin) — Requirements for 1946 are placed at 2,100,000,000 square feet, compared with 1,680,000,000 square feet in 1941. The industry's present production capacity is not large enough to meet requirements, so new plants must be built, logs procured, and new labor found.

Common and Face Brick—Estimated 1946 requirements, 5,000,000,000 bricks; 1941 production, 4,944,000,000 bricks. Production last year was slightly under 3000,000,000 bricks. Output improved this month, is reported coming along nicely.

Structural Clay Tile—Estimated 1946 requirements, 1,320,000 short tons; 1941 production, 1,125,000 short tons. Output currently is improving, is better than a few weeks ago. Industry along with brick makers, has received priorities assistance fro mthe Civilian Production Administration in obtaining needed equipment, such as industrial lift trucks, general purpose trucks, etc.

Building Blocks—Estimated 1946 requirements, 800,000,000 blocks; 1941 production figures are not

(Continued on Page Three)

#

$2,290,000 Project Awarded To Barnes

Award of the $2,290,000 project of constructing superstructure to the shipfitters' and boilermakers' shop, Naval Shipyard, Hunters Point, was made yesterday to the James I. Barnes Constr. Co., 941 Russ building. Miscellaneous small structures were included in the contract.

The contract includes work which has been sub-contracted to 25 firms within the Bay Area. Sub-contracts as announced yesterday at time of bid award, were given for the work as described below. Additional subcontracts will be awarded later, a company official said today:

Asphalt tile and carpet coat, Malott & Peterson; pressed steel doors. L. B. Sanden; steel sash, J. S. Thorn Co.; corrugated asbestos, Western Asbestos Co.; steel roof deck, H. M. Robertson; electric work, Abbett Electric Co; elevator, Atlas Elevator Co; glass and glazing, San Francisco Glass Co.; fencing, Anchor Post Fence Co.; wood block floors, Turner Resilient Floors, Inc.;

Plumbing, heating and utilities, Anderson & Rowe, structural steel. Moore Dry Dock Co.; painting, R. P. Paoli & Co.; composition roof and roof insulation, Malott and Peterson; sheet metal, Guilfoy Cornice Works; marble, Vermont Marble Co.; tile floors, Thos. H. Price Co.; steel doors, Truscon Steel Co.; steel rolling doors, Kinnear Mfg. Co.; reinforcing steel, Herrick Iron Works; misc. and ornamental steel, Central Iron Works; masonry, Geo. W. Reed; lathing and plastering, A. E. Knowles; composite piles, Raymond Concrete Pile Co.; and Kalamein doors, Fire Protection Products Company.

Addresses of these firms are listed in the report section.

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OFFICIAL PROPOSALS

FIRST PUBLISHED TODAY

Highway Improvements—Mendocino County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **April 24, 1946,** at which time they will be publicly opened and read in the Assembly Room of said building, for constructing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Mendocino County, at Slick Rock Creek, about five and six-tenths miles south of Point Arena (I-Men-56-A), about one (1) mile in length to be graded and imported base material placed.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Carpenter	1.125
Cement finisher	1.75
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity)	1.70
Concrete vibrator operator	1.25
Flagman	1.00
Jackhammer operator	1.25
Laborer	1.00
Motor grader operator	1.85
Oil distributor bootman	1.125
Oiler, power shovels or cranes	1.25
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.5625
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.4375
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.375
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Any classification omitted herein not less than	1.00

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law. (See said Proposal Requirements and Conditions.)

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated March 29, 1946.
(Daily Pacific Builder)
(Mar. 29, April 5-12, 1946)

FIRST PUBLISHED TODAY

Highway Improvements—Siskiyou County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **April 17, 1946,** at which time they will be publicly opened and read in the Assembly Room of said building, for repairing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Siskiyou County, between Cougar and Dorris (II-Sis-72-B,C), a distance of about thirty-one and seven-tenths (31.7) miles in length, seal coat to be applied.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Flagman	1.00
Laborer	1.00
Oil distributor bootman	1.25
Oiler, power shovels or cranes	1.25
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.5625
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.4375
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.375
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Any classification omitted herein not less than	1.00

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law. (See said Proposal Requirements and Conditions.)

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated March 29, 1946.
(Daily Pacific Builder)
(Mar. 29, April 5-12, 1946)
San Francisco 3-22

FIRST PUBLISHED TODAY

Highway Improvements—Plumas County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **April 24, 1946,** at which time they will be publicly opened and read in the Assembly Room of said building, for constructing Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Plumas County, across Hamilton Branch, between Big Meadows Dam and Lassen County Line (II-Plu-523), a steel girder bridge with concrete deck to be constructed.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Skilled Labor

Classification	Rate per hour
Carpenter	$1.50
Cement finisher	1.75
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity)	1.70
Derrick operator	2.00
Motor grader operator	1.85
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Painter (brush)	1.25
Painter (spray)	1.50
Reinforcing steel worker	1.50
Roller operator	1.65
Structural steel worker	1.75
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.5625
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.4375
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.375
Pile driver man	1.86
Intermediate Grade Labor	
Concrete vibrator operator	1.25
Jackhammer operator	1.25
Oiler, power shovels or cranes	1.25
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Unskilled Labor	
Flagman	1.00
Laborer	1.00

Positions not listed above will be allocated in accordance with the definitions which appear in the special provisions, as interpreted in the light of this classification.

The minimum wage paid to all skilled labor, for which rates are not shown above, shall be not less than $1.25 per hour.

The minimum wage paid to all intermediate labor, for which rates are not shown above, shall be not less than $1.00 per hour.

The minimum wage paid to all unskilled labor, for which rates are not shown above, shall be not less than $1.00 per hour.

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

The attention of bidders is directed to the fact that the work herein proposed to be done will be financed in whole or in part with Federal funds and that therefore all of the applicable Federal stautes, rules, and regulations will apply to such work.

The attention of bidders is particularly directed to the provisions of Section 7, article (a), subarticle (6), of the Standard Specifications regarding the use of domestic materials; and also to the provisions of Section 8, articles (a) and (b), of the Standard Specifications, regarding subcontracting and assignment of the contract, respectively.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the district in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law. (See said Proposal Requirements and Conditions.)

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated March 29, 1946.
(Daily Pacific Builder)
(Mar. 29, April 5-12, 1946)

Highway Improvements—Lassen County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **April 10, 1946,** at which time they will be publicly opened and read in the Assembly Room of said building, for repairing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Lassen County, between Viewland and Secret Valley (II-Las-73-B), about thirteen and eight-tenths (13.8) miles in length, to be surfaced with imported gravel base and plant-mixed surfacing.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Flagman	1.00
Laborer	1.00
Motor grader operator	1.85
Oil distributor bootman	1.125
Oiler, power shovels or cranes	1.25
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.5625
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.4375
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.375
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Any classification omitted herein not less than	1.00

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law. (See said Proposal Requirements and Conditions.)

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated March 22, 1946.
(Daily Pacific Builder)
(Mar. 22-29, April 5, 1946)

Highway Improvement—Yolo County, at the State Highway Nursery, About Three Miles East of Davis (III-Yol-6-A)

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

SEALED PROPOSALS will be received by the Department of Public Works, Division of Highways, at the office of the District Engineer, 703 B Street, Marysville, California, until 2 P.M. o'clock on **April 4, 1946,** at which time and place they will be publicly opened and read, for performing work as follows:

Yolo County, at the State Highway Nursery, about three miles east of Davis (III-Yol-6-A), water well to be drilled and cased.

Plans and specifications, and forms of proposal, bonds, and contract may be obtained at the above address.

No bid will be considered unless it is made on a proposal form furnished by the District Engineer, and is made in accordance with the provisions set forth under Section 2, "Proposal Requirements and Conditions" of the Standard Specifications. Each bid must be accompanied by a proposal guaranty in accordance with the requirements of article (f) of the said Section 2 of the Standard Specifications.

The Department of Public Works reserves the right to reject any or all bids.

The quantities listed in the State Highway Engineer's Estimate hereinafter stated, are approximate only, being given as a basis for the comparison of bids, and the Department of Public Works does not, expressly or by implication, agree that the actual amount of work will correspond therewith, but reserves the right to increase or decrease the amount of any class or portion of the work, or to omit portions of the work, as may be deemed by the Engineer to be necessary or advisable.

Bids are required on the entire work described herein.

The rates of wages, including overtime, holiday or Sunday rates, herein specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Laborer	$1.0625
Well driller	1.70
Any classification omitted herein not less than	1.0625

Overtime—one and one-half (1½) times the above rates. Sundays and holidays (except watchmen, guards and flagman)—one and one-half (1½) times the above rates.

State Highway Engineer's Estimate

Item 1. 200 lineal feet drilling and casing well.

Item 2. 30 hours pumping well.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCoy,
State Highway Engineer.
By C. H. WHITMORE,
District Engineer, Dist. III.
Dated: March 22, 1946.
(Daily Pacific Builder)
(Mar. 22-29, 1946)

Highway Improvements—Humboldt County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **April 10, 1946,** at which time they will be publicly opened and read in the Assembly Room of said building, for repairing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Humboldt County, between Loleta and Fields Landing (I-Hum-1-G), about four (4.0) miles in length, base to be reinforced and surfaced with plant-mixed surfacing.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Flagman	1.00
Laborer	1.00
Motor grader operator	1.85
Oil distributor bootman	1.125
Oiler, power shovels or cranes	1.25
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel • type controls (over one cubic yard)	2.00
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.5625
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.4375
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.375
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Any classification omitted herein not less than	1.00

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law (See said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY
State Highway Engineer
Dated March 22, 1946.
(Daily Pacific Builder)
(Mar. 22-29, April 5, 1946)

Highway Improvements—Contra Costa County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **April 10, 1946,** at which time they will be publicly opened and read, in the Assembly Room of said building, for repairing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Contra Costa County portions between Pittsburg and 4 miles east of Brentwood (IV-C.C-75-C,D), about ten and one-tenth (10.1) miles in length, shoulders to be widened with imported borrow and surfaced with plant-mixed surfacing and penetration treatment and a bridge to be widened.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Carpenter	1.50
Cement finisher	1.75
Concrete mixer operator (one cubic yard capacity or less)	1.45
Concrete mixer operator (over one cubic yard capacity and paving type)	1.70
Concrete vibrator operator	1.25
Flagman	1.0625
Jackhammer operator	1.25
Laborer	1.0625
Motor grader operator	1.85
Oiler, power shovels or cranes	1.40
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	2.00
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.25
Reinforcing steel worker	1.50
Roller operator	1.65
Tractor driver	1.70
Truck driver (8 cubic yards water level capacity or more)	1.725
Truck driver (6 cubic yards and less than 8 cubic yards water level capacity)	1.375
Truck driver (4 cubic yards and less than 6 cubic yards water level capacity)	1.2625
Truck driver (less than 4 cubic yards water level capacity)	1.15
Any classification omitted herein not less than	1.0625

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the District in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specification. Each bidder must be licensed and also prequalified as required by law (see said Proposal Requirements and Conditions).

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated March 22, 1946.
(Daily Pacific Builder)
(Mar. 22-29, April 5, 1946)

Highway Improvements—Siskiyou County

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **April 10, 1946,** at which time they will be publicly opened and read in the Assembly Room of said building, for repairing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Siskiyou County, between Shasta River and Gazelle (II-Sis-3-B), about seven and eight-tenths (7.8) miles in length to be surfaced with plant-mixed surfacing.

Bids are required for the entire work described herein.

STATE HIGHWAY ENGINEER'S ESTIMATE

The State will furnish 550 tons of mineral aggregate and 38 tons of paving asphalt for use in plant-mixed surfacing as more explicitly set forth in the special provisions.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Flagman	1.00
Laborer	1.00
Motor grader operator	1.85
Oil distributor bootman	1.125
Oiler, power shovels or cranes	1.25
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.5625
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.4375
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.375
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Any classification omitted herein not less than	1.00

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans may be seen, and forms of proposal, bonds, contract and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the district in which the work is situated, and at the office of the Associated General Contractors in San Francisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law. (See said Proposal Requirements and Conditions.)

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated March 22, 1946.
(Daily Pacific Builder)
(Mar. 22-29, April 5, 1946)

Highway Improvements—Shasta Co.

STATE OF CALIFORNIA
DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS

NOTICE TO CONTRACTORS

Sealed proposals will be received at the office of the State Highway Engineer, Room 373, Public Works Building, Sacramento, California, until 2 o'clock p.m. on **April 3, 1946,** at which time they will be publicly opened and read in the Assembly Room of said building, for repairing State Highway in accordance with the specifications therefor, to which special reference is made, as follows:

Shasta County, between 4.5 miles east of Ingot and Montgomery Creek (II-Sha-28-B), about nine and seven-tenths (9.7) miles in length to be surfaced with plant-mixed surfacing.

Bids are required for the entire work described herein.

In accordance with the provisions of Section 1770 of the Labor Code, the Department of Public Works has ascertained the general prevailing rate of wages applicable to the work to be done to be as follows:

Classification	Rate per hour
Asphalt plant dryerman or fireman	$1.40
Asphalt plant mixer operator	1.45
Asphalt spreading machine operator	1.75
Flagman	1.00
Laborer	1.00
Motor grader operator	1.85
Oil distributor bootman	1.125
Oiler, power shovels or cranes	1.25
Operator of power shovel or other excavating equipment, shovel type controls (up to and including one cubic yard)	1.85
Operator of power shovel or other excavating equipment, shovel type controls (over one cubic yard)	2.00
Roller operator	1.65
Tractor driver	1.70
Truck driver (18 cubic yards water level capacity or more)	1.5625
Truck driver (14 cubic yards and less than 18 cubic yards water level capacity)	1.4375
Truck driver (8 cubic yards and less than 14 cubic yards water level capacity)	1.375
Truck driver (4 cubic yards and less than 8 cubic yards water level capacity)	1.1875
Truck driver (less than 4 cubic yards water level capacity)	1.0625
Any classification omitted herein not less than	1.00

Overtime—one and one-half (1½) times the above rates.

Sundays and holidays (except watchmen, guards and flagmen)—one and one-half (1½) times the above rates.

The rates of wages, including overtime, holiday or Sunday rates, above specified are subject to the effect, if applicable hereto, of executive orders of the President of the United States and to any modification thereof and to any and all lawful orders of the President or any other authorized Federal officer or agency, insofar as the same may be applicable to this contract. In case of any inconsistency, the rates fixed by any such applicable Federal order, whether higher or lower, shall control.

Plans may be seen, and forms of proposal, bonds, contract, and specifications may be obtained at the office of the State Highway Engineer, Public Works Building, Sacramento, California, and they may be seen at the offices of the District Engineers at Los Angeles and San Francisco, at the office of the District Engineer of the district in which the work is situated, and at the office of the Associated General Contractors in San Frnacisco.

No bid will be considered unless it is made on a blank form furnished by the State Highway Engineer and is made in accordance with the provisions of the Proposal Requirements and Conditions set forth under Section 2 of the Standard Specifications. Each bidder must be licensed and also prequalified as required by law. See said Proposal Requirements and Conditions.)

The Department of Public Works reserves the right to reject any or all bids.

DEPARTMENT of PUBLIC WORKS
DIVISION OF HIGHWAYS
G. T. McCOY,
State Highway Engineer.
Dated March 15, 1946.
(Daily Pacific Builder)
(Mar. 15-22-29, 1946)

MANUFACTURERS' LITERATURE

AIR CONDITIONING

Electronic Air Disinfection. A full description and specifications of the "Disinfectaire", an ultraviolet germicidal unit incorporating G.E.'s Germicidal Lamp. Includes information on why air disinfection is necessary, how it works. 10 pp., illus. The Art Metal Co., Cleveland, Ohio.*

ARC WELDING

Airco Arc Welding Accessories (Catalog No. 130.) Illustrates and describes a complete line of accessories for all types of arc welding machines and operations. 12 pp., illus. Air Reduction, 60 E. 42nd St., New York 17, N. Y.

BERYLLIUM

The Atom of Beryllium. Brush beryllium copper alloys, Brush Beryllium metal and other alloys. Their characteristic sand applications. 4 pp., illus. The Brush Beryllium Co., 3714 Chester Avenue, Cleveland 14, Ohio.

ELEVATOR GATES

Collapsing Gate for Passenger Elevator Cars, Design No. 9-CG, and Collapsing Gate for Service Elevator Cars, Design No. 7-CG. A.I.A. File sheets giving specifications of the two types of collapsing elevator gate. 1 p. ea., illus. Otis Elevator Co., 260 11th Ave., New York, N. Y.*

FLANGES

Pressure - Temperature Ratings for Flanges, Flanged Fittings and Valves. An American War Standard. Tabulates the new ratings, includes chart comparisons of old and new ratings. 20 pp. Tube Turns Inc., Louisville 1, Ky.

HEATING UNITS

Gar Wood Tempered-Aire Oil-Fired Home Heating Units. Description of and advantages claimed for a complete heating unit, with table of ratings and dimensions. 8 pp., illus. Gar Wood Industries, Inc., Heating Division, 7924 Riopelle St., Detroit 11, Mich.

LIGHTING

Let There Be Light. By Robert M. Stecher, M.D. An article printed from the Bulletin of The Medical Library Assn. Discusses light and the general level of illumination, with particular attention to reading light in libraries, reading rooms and private studies. 8 pp., illus. General Electric Co., 8811 Euclid Ave., Cleveland, Ohio.*

Silv-A-King RLM Specification Industrial Fluorescent Lighting Units. Full description, including voltage, wattage, weight and price, of both closed-end and open-end units. Also gives a table indicating the average footcandles obtained at various heights and for various wall conditions with 40 and 100 watt units. 4 pp., illus. Bright Light Reflector Co., Inc., Fairfield and State, Bridgeport 5, Conn.*

PUBLIC WORKS

(Continued from Page One)

York State, and 40 per cent in New York City.

State and local Governments without Federal aid for planning, had completed plans for $961,144,000 worth of public works as the year 1946 opened, the Federal Works Agency reported today.

State and local Governments, with Federal aid for planning, were preparing plans and specifications for public works costing $564,932,000.

Applications were under review for planning advances to State and local Governments for projects costing another $1,121,165,000.

Of the total public works planned with Federal Works planning assistance, 71.3 per cent was made up of sewer, water and sanitation facilities, school and other education facilities, and hospitals.

Approximately 46.4 per cent of the public works planned without Federal planning aid was made up of sewer, water and sanitation facilities, schools and other educational facilities, and hospitals.

CONTRACTORS BID-SHY

Several factors were reported as responsible for the lag.

Contractors, some circles reported, were unwilling to make bids for new highway jobs except at very high figures because of the uncertainties with regard to available construction machinery, high prices for building materials, and the uncertainty of continued stability of wage rates in many areas.

"February, March and April usually are the months when new highway construction contracts are let," one Government official said, "but thus far this Spring the results are disappointing.

"When contractors do bid, they bid, to cover all the uncertainties the picture which may bring higher costs before the work is done."

EQUIPMENT SHORTAGE

Because of the difficulty of making sure of getting needed trucks, bulldozers, graders and other machinery quickly, and because of the high cost of materials and uncertainty as to future labor costs, some officials do not expect any broad expansion in new highway construction during the remainder of 1946.

In addition to the present uncertainties, spotty shortages of materials and manpower are expected to appear as the veteran's preference housing program expands, with its competition for both materials and labor.

The Public Roads Administration, however, has $1,500,000,000 of Federal money which will be available through June 30, 1949 to match dollar-for-dollar with the States whenever Highway Departments and the industry are ready to go forward with construction.

A total of $500,000,000 of this amount is now available for Federal aid in new road building, another $500,000,000 becomes available on June 30, 1946, and a third $500,000,000 a year later.

New Asphalt Impregnated Gypsum Sheathing Waterproof

EIGHT MAN HOURS ARE SUFFICIENT to sheathe an average size small house with the new U.S.G. Sheathing, recently developed to speed construction and save manpower. This is made possible by eliminating the need for special measuring and sawing—it can be scored and snapped right on the studs. One man handles the tongue-and-grooved sheets quickly and easily.

New Sheathing Is Gypsum Industry's Answer to Lumber Shortage Problem

Announcement of a brand new sheathing with a newly developed asphalted-gypsum, weather-proof core is the United States Gypsum company's answer to the critical lumber shortage, which is now likely to be prolonged beyond earlier estimates.

With the demand for lumber at an all-time high and with only 5,000,000,000 board feet on hand at the beginning of the year, and this supply poorly balanced and badly located, the new U.S.G. Sheathing may greatly relieve the critical situation by freeing more lumber for framing and other vital construction uses.

Perfectly timed for a huge market hungry for just such a product, this new U.S.G. Sheathing, which "weathers all weather", has been fully tested by United States Gypsum Research Laboratories. The difference is in the core. Exhaustive comparative tests prove this new product to be far superior in performance. More important is the fact that sheathing costs can be cut from one-third to one-half.

One of the most important phases in the development of this asphalted-gypsum core was United States Gypsum's experience in manufacturing war products. U.S.G. Marine Board, "the core that went to war", has been used and approved by the United States Maritime Service for Class B bulkheads, sheathing and liners. It was so successful that engineers believed the same principle of asphalted-gypsum core could be adapted to use in the manufacture of sheathing for building postwar houses.

With this in mind, engineers tested and re-tested the new sheathing under extremely adverse conditions. In spite of the tremendous quantities of water thrown against it in a test, the U.S.G. Sheathing with the asphalted - gypsum core showed a water absorption of only 3.4 per cent by weight—actually only one-twelfth of the amount of water absorbed by wood sheathing during the same exposure. In addition, there was no buckling, no warping, and no opening up in the joints of the U.S.G. Sheathing when it dried out.

Then engineers went still further to prove the strength and stability of this board. A huge lateral distortion machine exerted 1,850 pounds pressure on a U. S. G. Sheathing panel, which had been exposed to the equivalent of 5½ years of average rainfall. Only 1.125 inches of lateral deflection occurred. A dry panel with identical framing and sheathing had a lateral deflection of just .498 inch at this same load. Under these same conditions, an identical frame sheathed horizontally with 1x8-inch dry wood sheathing deflected 10.312 inches.

Comparisons of cost and speed in application show that U.S.G. Sheathing will set a new mark in economy.

EVEN WHEN DRENCHED with water, this new sheathing has high bracing strength—it's designed to free more lumber for framing and other vital construction. Secret of success is a gypsum core impregnated with an asphalt emulsion for superior resistance to weather—piled unprotected on the job or nailed to the framework

Piled on-the-job or nailed to the framework, it "weathers all weather". Even when drenched with water, this sheathing has remarkable bracing strength. One man can handle the sheets quickly and easily. Edges are tongue-and-grooved for wind-tight fit and strength. Only four nails per stud are needed under wood siding or stucco. It can be cut and fitted right to the studs. There is no need to measure and saw it as with other sheathings. All the workman does is score and snap the unit to fit right where he is working. Eight man hours were found sufficient to sheathe an average size small house. No building paper is required. In addition to the new asphalted-gypsum core, a special water-resistant 'Tripleseal" treatment is used on the face and back of each U.S.G. Sheathing unit. It has the fireproof qualities of all gypsum building products.

SUPPLY OUTLOOK

(Continued from Page One)

available, but output in 1939 was 408,000,000 blocks. C.P.A. has given the industry assistance, granting it priorities for machinery. Output is on the way up, both of cinder and cement blocks.

Gypsum Board and Lath—Estimated 1946 requirements, 3,900,000,000 square feet; 1941 production, 2,772,000,000 square feet. Production has been hampered by lack of paper for liner. Directives have been issued to paper mills to supply paper liner to gypsum board manufacturers.

Asphalt Roofing—Estimated 1946 requirements 74,400,000 squares; 1941 production 50,400,000 squares. Supply is tight. Hope is that demand will be met in part this year by larger production of other roofing materials, such as wood, metal cement - asbestos, slate and tile roofing. To help production of Western softwool shingles, prices o fall sizes and grades were increased 30 cents per square by OPA this month.

Clay Sewer Pipe — Estimated 1946 requirements, 1,400,000 short tons; 1941 production figures are not available, but last year output totaled slightly under 700,000 short tons. Strike in Ohio hit production this month.

Cast Iron Radiation—Estimated 1946 requirements, 70,000,000 sq. ft.; 1941 production 84,084,000 sq. ft. The industry is encountering difficulty in getting pig iron and scrap. There is talk here of a possible nation-wide drive to get householders to turn in old iron and steel scrap to collectors.

Warm Air Furnaces—Estimated 1946 requirements, 960,000 units; 1941 production, 567,000 units. Production this year was hit by strikes, also shortages of materials, particularly galvanized sheet steel and pig iron. Resumption of a high rate of steel mill production following settlement of the steel strike and authorization of a steel price increase averaging $5 per ton, may improve sheet steel deliveries. OPA this month increased the price of pig iron 75 cents a ton, which may encourage accelerated output of that commodity.

Bath Tubs—Estimated 1946 requirements, 1,450,000 units; 1941 production, 1,660,000 units. Need for better flow of materials, new equipment hampers this industry. Materials shortages affect producers of both cast iron and formed steel tubs.

Plumbing Smallware — Estimated 1946 average monthly requirements, 186,000 sinks, 170,000 lavatories, and 178,000 water-closets. In the first three months of 1946, production of sinks is expected to average 116,000 monthly, lavatories, 133,000, and water-closets 166,000. Shortages the industry is combatting are in pig iron, steel, borax and crating lumber. Some producers need additional equipment, and OPA is likely to give assistance in obtaining machinery items.

Because domestic growers are withholding 7,000,000 bushels of the 1945 flaxseed crop from the market and imports from South America are running below expectations, the Department of Agriculture has told CPA that the paint, varnish and lacquer industry may have to take a cut in its quota of linseed oil for the second quarter of 1946. It was indicated the quota might be reduced to 60 per cent of the 1940-41 base from the 75 per cent allowed in the first 1946 quarter.

Steel Construction Lags In February

The estimated total bookings of fabricated structural steel for bridge and building construction for the month of February, 1946, according to reports received by the American Institute of Steel Construction, amounted to 112,967 tons as compared with 211,182 tons for the month of January.

Due to the steel strike ,February shipments dropped to 45,754 tons as compared with 86,371 tons in the previous month. The tonnage available for future fabrication at February 28 was 550,860 tons.

#

SMALL BOAT SALE

Public sales will be conducted in five cities to dispose of over 500 small boats declared surplus by the Armed Services, the Materials Disposal Section of the United States Maritime Commission announced today.

The boats, ranging in price from $50 to $400, depending upon size and condition, will be sold exclusively by the Commission's field offices. Local address is 14th and Franklin Sts., Oakland 12.

#

JESSE HALL RETIRES

SAN FRANCISCO.—Supervisor Jesse R. Hall of Sonora, administrator of the commercially valuable and scenically attractive Stanislaus National Forest, will retire from the U. S. Forest Service on Mar. 31, after more than 37 years as a Federal forester, according to an announcement by S. B. Show, Cheif of the California Region.

New Chemical For Sharp Blueprints

ST. LOUIS, Mo., Mar. 27.—Bluer blueprint paper, with consequent improvement in the sharpness and definition of white lines, was promised today by Monsanto Chemical company of St. Louis, and the H. P. Andrews Paper company of New York.

The two companies announced that an improvement of far-reaching character is effected through application in the processing plant of Syton, a modified silica product, as a water solution to the base paper before coating with light-sensitive materials.

Architects and engineers will be saved many thousands of man-hours as a result of the development. Using the new-type printing paper, they will often be spared the necessity of retracing penciled drawings in ink.

This is because draftsmen, under present practice, find that penciled lines reproduce weakly and indistinctly. If printing and developing conditions are adjusted to bring out pencil lines a washed out appearance is often given to the whole print.

With the new method of treatment, it is possible to bring out pencil lines without markedly affecting the overall quality of the print.

#

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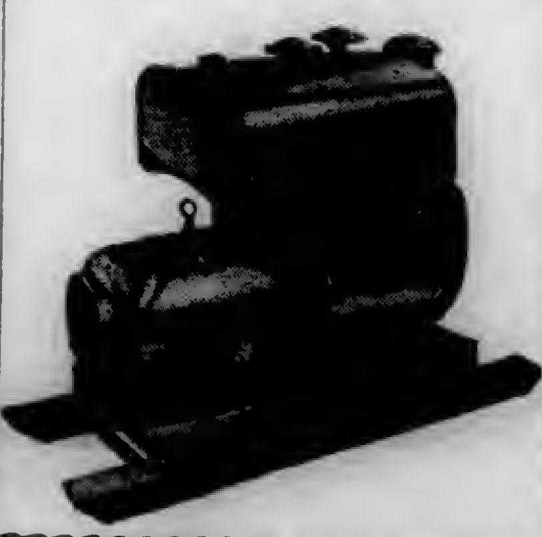

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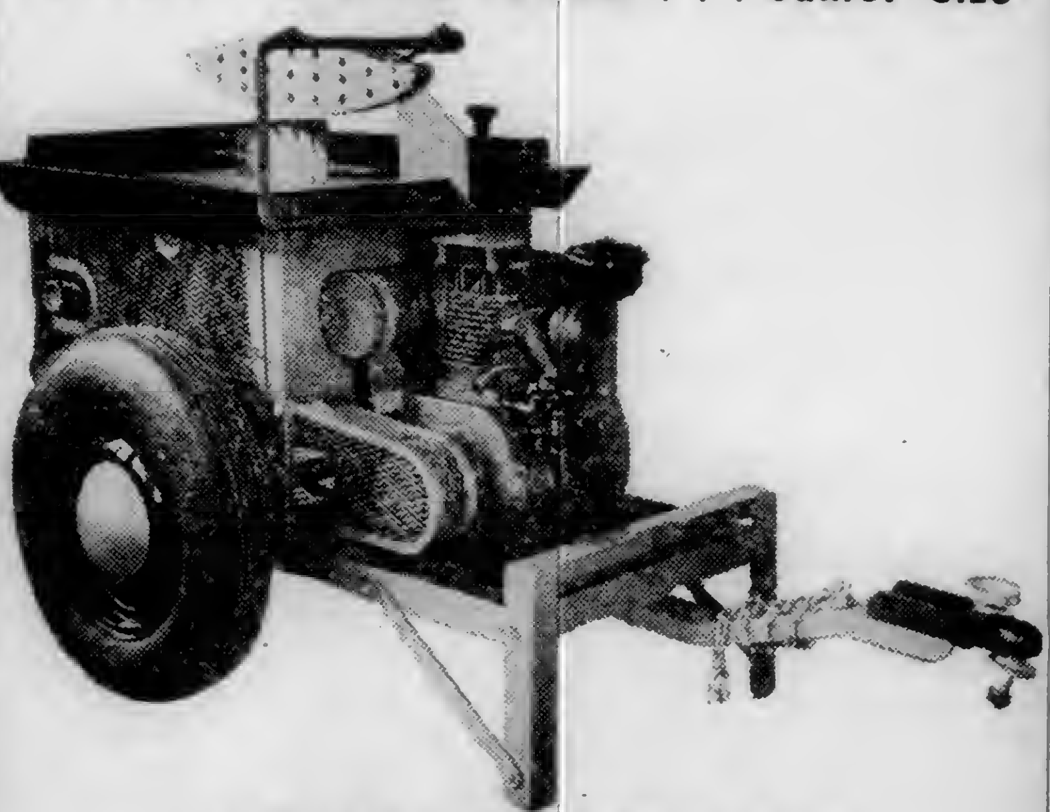

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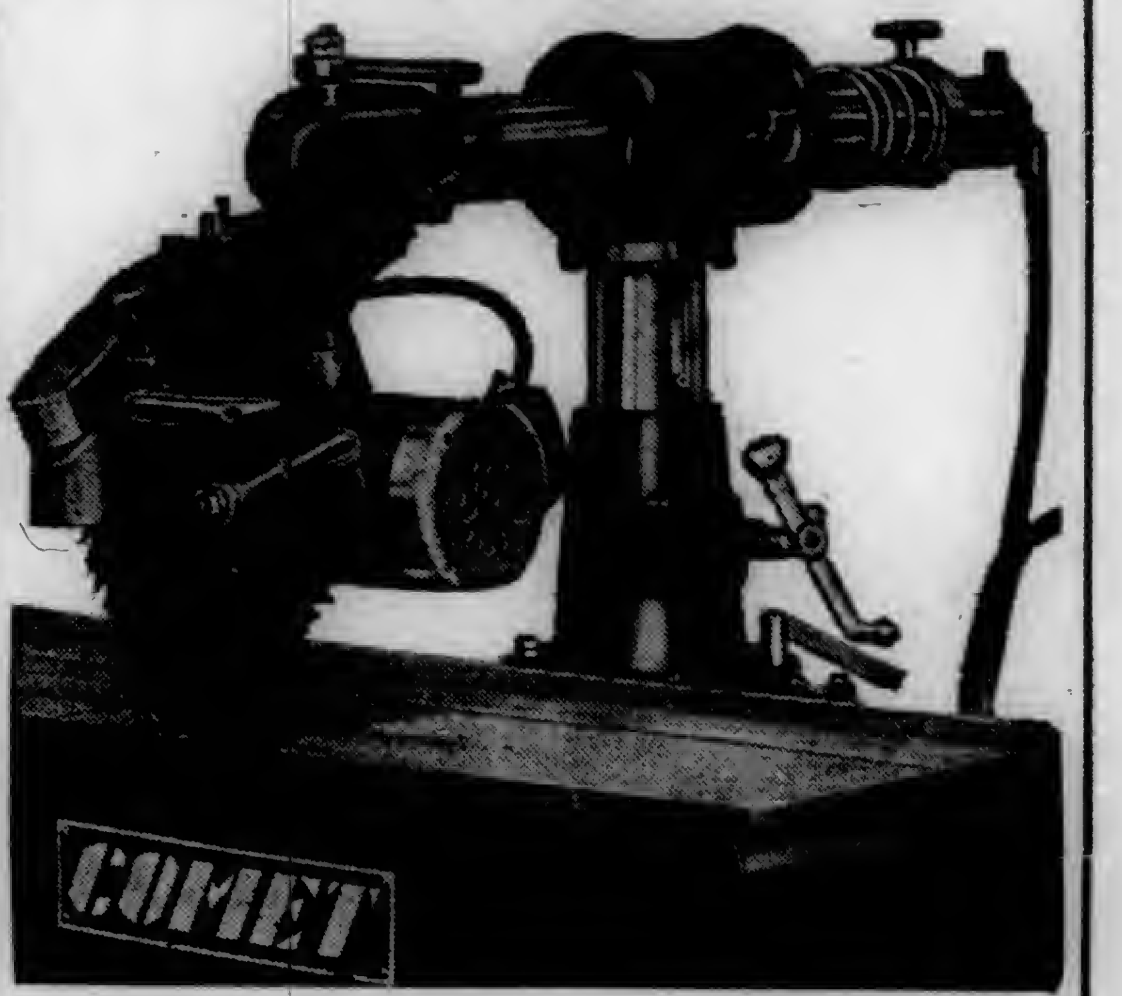

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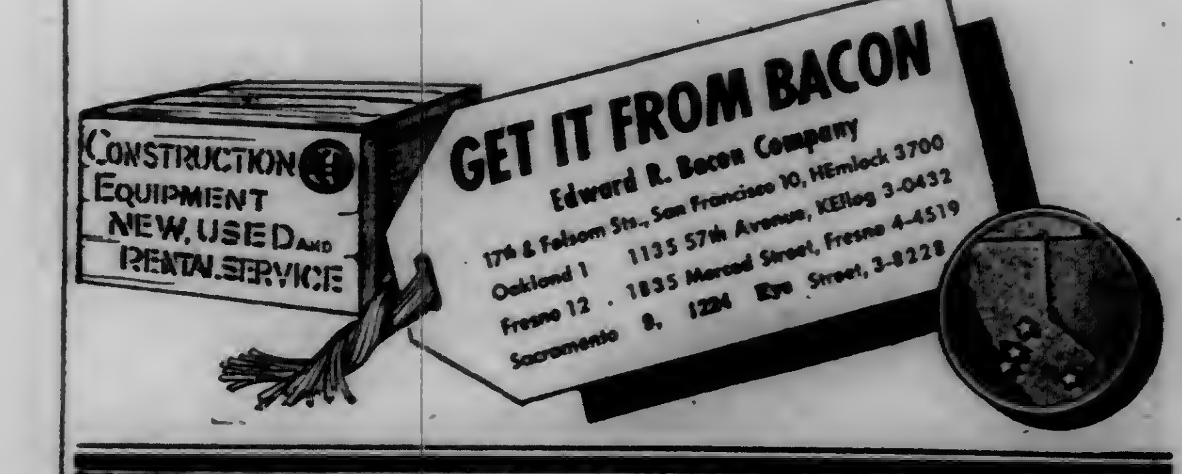
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DAILY PACIFIC BUILDER is the pioneer construction daily of the Pacific Coast, Maintaining a complete news reporting service covering all principal building and engineering projects; consolidated January 2, 1930, with Larsen's Advance Construction Reports. A Legal Newspaper of general circulation as defined by the Superior Court of San Francisco County.

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BUILDING SECTION

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

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Public Buildings 14-17
Religious Buildings 18-19
Social, Recreational Bldgs. 20-21
Residential Buildings 22-26
Transportation Bldgs. 27
Miscellaneous Bldgs. 28-30

1-8—COMMERCIAL BLDGS.

3/29/46 ** 6
PLANNED
REMODEL STORE Est. Cost, $10,000
SAN MATEO, San Mateo Co., Calif. B St.
Remodeling of store building.
Owner—Loewe & Zwierlein, 317 B St., San Mateo.

Work is expected to be completed by the fall.

3/29/46 • • 4
PLANS BEING FIGURED—
NO BID OPENING DATE SET
OFFICE BLDG.
OAKLAND, Alameda Co., Calif. 65th and Telegraph Ave.
Construction of three-story building (100x100-ft.) steel frame for front offices, fireproof concrete rear portion.
Owner—Richfield-Davis Enterprises.
Plans by C. N. Burrell, 409 15th St., Oakland.
Structural Engr.—Robt. D. Dalton, 1630 Webster St., Oakland.

3/29/46 • • 2
BIDS WANTED

CORAM, Calif.—Until April 11, 2 P. M., bids will be received by the U. S. Bureau of Reclamation ,Denver, Colo., under Inv. D-33,285-A for rubber-insulated power and control cable fob shipping point and/or Coram, Shasta Power Plant, Central Valley Project.

3/29/46 • • 4
CONTRACT AWARDED
TELEPHONE EXCHANGE Cost, $200,000
SAN BRUNO, San Mateo Co., Calif. San Mateo Avenue.
Construction of one-story and basement reinf. concrete telephone exchange building.
Owner—Pacific Telephone and Telegraph Co., 140 New Montgomery St., San Francisco.
Consulting Structural Engr.—John J. Gould, Financial Center Bldg., San Francisco.
Contractor—Dinwiddie Constr. Co., Crocker Bldg., San Francisco.

3/29/46 ** 6
ARCHITECT SELECTED
STORE BLDG. Est. Cost, $120,000
SAN MATEO, San Mateo Co., Calif. B Street.
Construction of two-story building (100x100 ft.) at the rear of the present store, and expansion in the first floor of the Union Hotel building.
Owner—Loewe & Zwierlein, 317 B St., San Mateo.
Architect—Leo Sharps, 735 W. Poplar St., San Mateo.

Work is expected to reach completion this fall.

3/29/46 ** 6
PLANNED
STORE BLDG. Est. Cost, $30,000
BURLINGAME, San Mateo Co., Calif. W. Burlingame Ave.
Owner—McDonald, Wilson & Draper Investment Co., Jerome Draper, manager, 257 Primrose Rd., Burlingame.
Architect—Leo J. Sharps, 735 W. Poplar St., San Mateo.
Contractor — MacDonald, Young & Nelson Construction Co.

3/29/46 ** 8
PLANNED
MERCHANDISE BUILDING Estimated Cost, $60,000
RENO, Washoe County, Calif. 1570-1610 S. Virginia St.
Construction of general merchandise building.
Owner—Norman Biltz, 19 Sierra St., Reno, Nev.
Plans by David Vhay.

3/29/46 8
WORK UNDER WAY
REMODEL STORE BUILDING Estimated Cost, $50,000
SACRAMEITO, Cal. 13th and I Sts.
Modernization of exterior and complete rebuilding of interior of auto display building, including installation of new fixtures and equipment
Owner—Lester Motors, Ford dealer, 13th and I Streets, Sacramento.
Architect—Leonard F. Starks, 416 Native Sons Bldg., Sacramento.
Contractor — Lawrence Constr. Co., 3020 V St., Sacramento.

9-10—EDUCATIONAL BUILDINGS

3/29/46 ** 9
BIDS REJECTED
SAN FRANCISCO. Frank McCoppin School.
Repair eight steel columns supporting fire escape.
Owner — Public Works Department, Room 282 City Hall.
City Architect—Dodge A. Riedy, Rm. 265 City Hall.

All bids received March 13 were rejected, at which time Shepard & McSweeney, 3901 Mission St., at $697, submitted low bid.

3/29/46 9
CONTRACT AWARDED
REPAIR LINOLEUM
SAN FRANCISCO. Horace Mann Jr. High School.
Repair and re-cement linoleum.
Owner—Dept. of Public Works, Rm. 282, City Hall.
Architect—Dodge A. Riedy. Room 265 City Hall.
Contractor—The Brookman Co., 55 Main Street.

12-13—INDUSTRIAL BUILDINGS

3/29/46 ** 12
CONTRACT AWARDED
PLANT BUILDING Cost, $50,000
SOUTH SAN FRANCISCO, San Mateo Co., Calif. E. Grand Ave.
Construction of brick building (50x 136 ft.).
Owner—W. P. Fuller & Co., E. Grand Ave., South San Francisco.
Structural Engineer—Kaj Theill, 580 Market St., San Francisco.
Contractor—Swinerton & Walberg, 225 Bush St., San Francisco.

3/29/46 • • ....
CONTRACT AWARDED
SUPERSTRUCTURE FOR SHOP, ETC. Cont. Price, $2,290,000
SAN FRANCISCO. San Francisco Naval Shipyard.
Construction of superstructure for completion of two-story shop bldg. No. 411, shipfitters' and boilermakers' shop, and misc. small structures which shall be used for industrial shop purposes and which includes asbestos siding, roofing, wood block and other flooring, paving, earthwork, track work, piling, metal windows and doors, tile work, plastering, tanks, sprinklers, elevators, concrete floor coverings, ventilation and utilities; Spec. No. 17099; NOy 12912.
Owner—Bureau of Yards and Docks, Navy Dept., c/o Public Works Office, Room 2110, Administration Bldg., San Francisco Naval Shipyard.
Contractor—James I. Barnes Constr. Co., 941 Russ Building.

Construction started yesterday.

The contractor has awarded the following, sub-contracts:
Asphalt Tile and Carpet Coat—Malott & Peterson, 2412 Harrison St.
Pressed Steel Doors—L. B. Sanden, Russ Building.
Steel Sash—J. S. Thorn Co., Russ Russ Building.
Corrugated Asbestos — Western Asbestos Co., 675 Townsend St.
Steel Roof—H. H. Robertson Company, Mills Bldg.
Electric Work—Abbett Electric Co., 472 Tehama Street.
Elevator—Atlas Elevator Co., 417 6th Street.
Glass and Glazing — San Francisco Glass Co., 5234 Mission St.
Fencing—Anchor Post Fence Company, 460 Fifth St.
Wood Block Floors—Turner Resilient Floors, Inc. ,141 New Montgomery St.
Plumbing, Heating and Utilities—Anderson & Rowe, 2501 Harrison.
Structural Steel—Moore Dry Dock Co., foot of Adeline St., Oakland
Painting—R. P. Paoli & Co., 2530 Lombard St.
Composition Roof and Roof Insulation—Malott & Peterson, 2412 Harrison St.
Sheet Metal—Guilfoy Cornice Works, 1234 Howard St.
Marble — Vermont Marble Co., 525 Market St.
Tile Floors—Thos. H. Price Co., 198 Mississippi St.
Steel Doors, Types 1, 2 and 3—Truscon Steel Co., 604 Mission St.
Steel Rolling Doors—Kinnear Manufacturing Co., 1742 Yosemite Ave.
Reinforcing Steel—Herrick Iron W'ks 18h and Campbell Sts., Oakland.
Misc. and Ornamental Iron—Central Iron Works, 349 7th St.
Masonry—Geo. W. Reed, 1390 South Van Ness Ave.
Lathing & Plastering—A. E. Knowles 516 Stanyan St.
Composite Piles—Raymond Concrete Pile Co., 333 Montgomery St.
Kalamein Doors — Fire Protection Products Co., 1101 16th St.

All of San Francisco unless otherwise noted.

3/29/46 ** 12
CONTRACT AWARDED
PLANT BUILDING Cost, $25,000
SOUTH SAN FRANCISCO. San Mateo Co., Calif. E. Grand Ave.
Construction of steel frame building (50x126 ft.).
Owner—W. P. Fuller & Co., E. Grand Ave., South San Francisco.
Structural Engineer—Kaj Theill, 580 Market St., San Francisco.
Contractor—Swinerton & Walberg, 225 Bush St., San Francisco.

3/29/46 • • 1 2
TO START WORK
REMODEL PLANT Cost, $15,000
RENO, Washoe Co., Nev. Morrill Avenue.
Remodel steel and wood plant recently damaged by fire.
Owner—Ready-Mix Concrete Co., F. R. Smith, 1120 Evans St., Reno.

Owner will supervise work themselves.

3/29/46 • • 1 2
PLANNED
ADDN TO PLANT Est. Cost, $75,000
OAKLAND, Alameda Co., Calif. 2736 Magnolia St.
Addition of cooling department (158x 70) to meat packing plant, reinf. concrete, steel trusses.
Owner—Holly Meat Packing Company, 2736 Magnolia St., Oakland.
Architect—E. O. Cerruti, 427 13th St., Oakland.

3/29/46 • • 1 2
TO START WORK
COTTON GIN Est. Cost, $70,000
TULARE, Tulare Co., Calif. About 1¼ miles NE Petri Winery.
Construction of cotton gin.
Owner—Producers Cotton Oil Company, Eugene Tienken, local manager, 1211 Sequoia St., Tulare.

14-17—PUBLIC BLDGS.

3/29/46 • • 1 7
BIDS WANTED—
TO BE OPENED APR. 29, 10 A. M.
DETENTION HOME Cost, $125,000
SACRAMENTO, Cal. V Street.
Construction of one- and part two-story reinforced concrete and steel county detention home to accommodate 40 juveniles and provide small second story section for living quarters for the guards and administrative personnel.
Owner—County of Sacramento, Court House, Sacramento.
Architect—Harry J. Devine, 1012 Jay St., Sacramento.

Call for bids will be advertised in about one week.

18-19—RELIGIOUS BLDGS.

3/29/46 1 9
PREPARING PLANS
CHURCH Est. Cost, $35,000
FRESNO, Fresno County, Calif.
Construction of brick and stucco church, English countryside type, seating capacity 168; 6000 sq. ft. floor space.
Owner—Sierra Vista Methodist Ch., Fresno, Rev. J. P. Coleman, pastor
Architect—John B. Anthony, 428—13th St., Oakland 12.
Engineer—J. Y. Long Co., 428 13th St., Oakland 12.

20-21—SOCIAL AND RECREATIONAL BLDGS.

3/29/46 ••
WORK UNDER WAY
THEATER BLDG. Est. Cost, $100,000
SACRAMENTO, Sacramento County, Calif. 49th and J Sts.
Construction of stadium-type theater building to seat 1000 persons; steel frame and reinforced concrete, air-conditioned, gas heating system, etc.
Owner—Withheld.
Architect — Herbert E. Goodpastor, Mitau Bldg., Sacramento.
Contractor—A. E. Erickson, 1932 El Monte Ave., North Sacramento.

3/29/46 ** 20
PLANNED
CONCERT HALL
BELMONT, San Mateo County, Calif. College of Notre Dame Campus.
Construction of concert hall building.
Owner—College of Notre Dame, Ralston Blvd., Belmont.

3/29/46 • • 21
HEATING, AIR CONDITIONING
BIDS OPEN TODAY, 1:30 P. M.
THEATER
SACRAMENTO, Sacramento Co., Cal. K Street bet. 12th and 13th Streets.
Heating and air conditioning in connection with Studio Theater, now under construction.
Owner—Leonard Giordano.
Architect — Leonard F. Starks, 416 Native Sons' Bldg., Sacramento.
General Contractor—Central California Constr. Co., Inc., 116 Erie St., San Francisco.

The architect is receiving the heating and air conditioning bids.

As previously reported, following contractors have taken out plans:

Walter M. Dunphy Sheet Metal Products, 3136-40 Folsom Blvd., Sacramento.

M. R. Carpenter, 907 Front Street, Sacramento.

Luppen & Hawley, Inc., 3126 J St., Sacramento.

Wagner Sheet Metal Works. 2217 Broadway. Sacramento.

J. N. Blair Co., 217 N 16th Street, Sacramento.

Al Schoen, 2604 16th St., Sacramento.

3/29/46 • • 21
CONTRACT AWARDED
THEATER
GUERNEVILLE, Sonoma Co., Calif.
Construction of reinforced concrete and masonry theater building.
Owner—Withheld.
Architect — Vincent G. Raney, 233 Post Street, San Francisco.
Contractor—Walter L. Olsen, 966 Sonoma Ave., Santa Rosa.

22-26—RESIDENTIAL BUILDINGS

3/29/46 ** 26
PROCEED ORDER
DWELLING UNITS Price, $75,100
CULVER CITY, Los Angeles County, Calif.
Construction of 50 family dwelling units; Calif. V-4337; completion May 30.
Owner—Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco.
Contractor—Daley Bros., 426 Bryant St., San Francisco.

3/29/46 ** 26
WORK UNDER WAY
RESIDENCES Estimated Cost, $7200-$8000 Each
PITTSBURG, Contra Costa Co., Calif. Loftus Rd., Home Acres.
Construction of 10 4-, 5- and 6-room residences.
Owner and Builder—Pasquale Marcelli, 771 E. 12th St., Pittsburg.

3/29/46 **
TO TAKE BIDS
RESIDENCE Est. Cost, $25,000
SAN FRANCISCO. Corner Clay and Fremont.
Construction of 2½-story frame and stucco residence and apartment building, reinforced concrete foundation.
Owner—Pon G. Gee, 734 Pine St., San Francisco.
Fee Inspector—B. K. Dobkowitz, 425 Monterey Blvd., San Francisco.

Owner will take segregated bids.

3/29/46 **
TO TAKE BIDS
RESIDENCE Est. Cost, $15,000
BRISBANE, San Mateo County, Calif.
Construction of one-story and basement frame and stucco residence, "airplane" room.
Owner—O. F. Justice, 4626 25th St., San Francisco.
Fee Inspector—B. K. Dobkowitz, 425 Monterey Blvd., San Francisco.

Owner will take bids shortly.

3/29/46 ** 26
PLANNED
SUBDIVISION Estimated Cost, $10,000-$25,000 each
REDWOOD CITY, San Mateo County, Calif. North county line off Junipero Serra Blvd. to Skyline Blvd., and from Skyline Blvd. to ocean; surrounds the Lake Merced, San Francisco and Olympic Club golf courses.
Construction of 4000-home subdivision to be known as "Bel-Mar" and to include business section.
Owner and Builder—Henry Doelger, 320 Judah St., San Francisco.

Grading work is under way; street and sewer construction will start within 90 days, and work on the first unit of 500 houses will begin within the next four months. Completion is expected by the end of the year.

PLANS ON FILE

The following list of plans and specifications for construction projects are now available for inspection at the office of DAILY PACIFIC BUILDER, 465 Tenth Street, San Francisco.

Work	Location	Bid Opening Date
Stilling Basin Spec. 1178	Central Valley Project	4- 8
Kings River Wasteway, Etc. Specification 1181	Fresno	4-10

SUB - BIDS WANTED

General contractors desiring sub-bids on any job are invited to make known their requirements in this column. There is no charge for this service.

Office and Lab. Bldg. and Industrial Relations Bldg., California Research Corp., Richmond; Bids open April 12
E. S. McKittrick Co., 610 16th Street, Oakland (TWin Oaks 5070)
Swinerton & Walberg Co., 225 Bush St., San Francisco (GArfield 2980)
Barrett & Hilp, 918 Harrison Stre et, San Francisco (DOuglas 0700).
M. & K. Corp., 200 Financial Center Bldg., San Francisco (EXbrook 7624)
Carrico & Gautier, 365 Ocean Avenue, San Francisco (JUniper 4-5081)

Ferry Bldg. Addition, Embarcadero, San Francisco; Bids open April 4, 2 PM.
Peter Sartorio, 262 Clementina St., San Francisco (GArfield 8317).

Richfield-Davis Bldg., 55th and Telegraph, Oakland; No definite bid opening date set
A. Farnell Blair, No. 9 Main Street, San Francisco (YUkon 0390)

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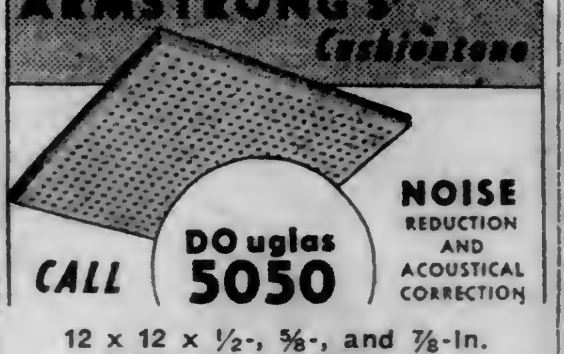

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Daily Pacific Builder

ADVANCE CONSTRUCTION REPORTS

3/29/46 ** 22
BIDS WANTED—TO CLOSE APRIL 12, 2 P. M.
HOUSING UNITS
PULLMAN, Wash.
Construction of one dormitory to accommodate 190 people, about 70 double rooms and 40 single rooms.
Owner—Washington State College, Stanley A. Smith, college architect, Department of Architectural Engineering, Pullman.
Consulting Engineer—DeWitt C. Griffin & Associates, Lloyd Bldg., Seattle, Wash.
Specifications obtainable from the college architect upon deposit of $30.

3/29/46 * * 24
PREPARING WORKING DRAWINGS
RESIDENCE Est. Cost, $12-14,000
OAKLAND, Alameda Co., Cal. Rockridge.
Construction of frame and stucco 2-story residence, large playroom, double garage under house, comp. shingle, steel sash, plaster exterior, oak floor, blower heating sys.
Owner—Withheld.
Architect—Guy L. Brown, Bank of Commerce Bldg., Oakland.

3/29/46 * * 24
PREPARING PRELIMINARY PLANS
RESIDENCE Est. Cost, $9-10,000
OAKLAND, Alameda Co., Cal. Moss Tract.
Construction of 1-story frame and stucco residence, 6 rooms, shake roof.
Owner—Withheld.
Architect—Guy L. Brown, Bank of Commerce Bldg., Oakland.

3/29/46 ** 26
PROCEED ORDER
DWELLING UNITS Price, $576,500
HONOLULU, T. H.
Construction of 300 family dwelling units; TH-V-51035; completion August 16.
Owner—Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco.
Contractor—Pacific Construction Co., Ltd., 1192 Wainanu, Honolulu.

3/29/46 ** 26
PROCEED ORDER
DWELLING UNITS Price, $60,080
LOS ANGELES, Calif. George Pepperdine College.
Construction of 40 family dwelling units; Calif. V-4407; completion June 1.
Owner—Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco.
Contractor—Shumaker & Evans Construction Co., 4007 W. 6th St., Los Angeles 13.

3/29/46 **
PROSPECTIVE BIDDERS
DISMANTLE BUILDINGS
OAKLAND, Alameda County, Calif. Premises of Chevrolet Motor Co., 10626 E. 14th St.
Dismantling, demolition and removal of temporary buildings and government property under Serial No. 04-203-46-12.
Owner—U. S. Engineer Office, 74 New Montgomery St., San Francisco.
Specifications obtainable from the above office.
As previously reported, bids will be opened April 9, 2 P. M.
The following contractors have taken out plans:
Combs Bros., Box 97, San Leandro.
Haas Construction Co., 320 Merchants' Exchange Bldg., San Francisco.
Charles L. Harney, 625 Market St., San Francisco.
J. D. Ballinger & Co., 1905 Cypress St., Oakland.
George Petersen & Son, 1841 Bancroft Ave., San Leandro.
Whalin Bros., 2943 23rd Ave., Oakland.
Peter Sorensen, 927 Arguello St., Redwood City.
R. R. Randall, 8032 MacArthur Blvd., Oakland.
K. R. C. Construction Co., 2068 Allston Way, Berkeley.
Charles Wait, 666 Mission St., San Francisco.
Herman Misrack, 575 6th St., San Francisco.
J. Henry Harris, 2657 9th St., Berkeley.
Stolte, Inc., 8451 San Leandro St., Oakland.
Cleveland Wrecking Co., 2800 3rd St., San Francisco.
Dolan Building Supplies & Wrecking Co., 6939 Mission St., San Francisco.
Symon Bros. Wrecking Co., 1435 Market St., San Francisco.
Lewis Construction Co., 516 18th St., Oakland.
Monson Bros., 475 6th St., San Francisco.
Cut Rate Wrecking & Lumber Co., 1740 Folsom St., San Francisco.
Joe Ciatti, 1755 Quesada Ave., San Francisco.

3/29/46 ** 26
PROCEED ORDER
DWELLING UNITS Price, $371,448
LOS ANGELES, Calif. University of Southern California.
Construction of 252 family dwelling units; Calif. V-4408; completion July 31.
Owner—Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco.
Contractor—Shumaker & Evans Construction Co., 4007 W. 6th St., Los Angeles 13.

3/29/46 ** 26
PROCEED ORDER
DWELLING UNITS Price, $37,550
VENTURA, Ventura County, Calif.
Construction of 25 family dwelling units; Calif. V-4385; completion May 15.
Owner—Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco.
Contractor—Daley Bros., 426 Bryant St., San Francisco.

3/29/46 ** 26
PROCEED ORDER
DWELLING UNITS Price, $111,148
INGLEWOOD, Los Angeles County, Calif.
Construction of 74 family dwelling units; Calif. V-4346; completion May 30.
Owner—Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco.
Contractor—Daley Bros., 426 Bryant St., San Francisco.

3/29/46 ** 26
PROCEED ORDER
DWELLING UNITS Price, $459,888
LOS ANGELES, Calif.
Construction of 312 family dwelling units; Calif. V-4348; completion date July 31.
Owner—Federal Public Housing Authority, Humboldt Bank Bldg., San Francisco.
Contractor—Daley Bros., 426 Bryant St., San Francisco.

27—TRANSPORTATION BUILDINGS

3/29/46 ** 27
WORK UNDER WAY
TERMINAL
SAN FRANCISCO. Fremont Street.
Construction of new motor coach terminal (186x27 ft.), steel and glass structure, 4 sliding doors at front of building.
Owner—Key System, 1106 Broadway, Oakland, Alfred J. Lundberg, president.
Work is expected to be completed by April 15.

3/29/46 ** 27
PLANS COMPLETED
BUS DEPOT
TRACY, San Joaquin County, Calif. 11th St., west of present terminal.
Construction of new Greyhound bus depot.
Owner—Pacific Greyhound Bus Co., executive offices, Pine and Battery Sts., San Francisco.

3/29/46 ** 27
BIDS OPENED
SAN DIEGO, Calif.—T. A. Kvale, La Luna Rd., Route 2, Box 407, Ojai, at $9750, submitted the low bid to the U. S. Navy, 11th Naval District, Public Works Department, 1220 Pacific Highway, San Diego, March 26 for the reconstruction of railroad spur tracks at the Naval Supply Depot, San Diego; Spec. 17597.
The bids submitted were:
T. A. Kvale, $9750.
W. V. Hutchison, $9985.
R. E. Hazard, $13,430.
Harry Williams, $14,420.50.
A. D. Schader, $25,997.

28-30—MISCELLANEOUS BUILDINGS

3/29/46 * * 39
BIDS OPENED
DOHENY PARK, Orange Co., Cal.—Underground Engrg. Co., 124 West 4th St., Los Angeles, at $12,937.66 submitted low bid March 26 to the State Division of Architecture, Anson Boyd, State Architect, Public Works Bldg., Sacramento, for sewer line and pumping plant at Doheny Park. Other bids were:
Sim J Harris, San Diego, $13,447.11.
G. E. Kearns Constr. Co., Long Beach, $13,750.
Walter H. Barber, La Mesa, $13,763.00.

Engineering Section

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Water Supply and Sewage Disposal Plants 31-32
Bridges 33
Dams, Reservoirs and Dredging 34
Docks, Piers & Harbors 35
Parks, Airports and Playgrounds 36
Railroads, Subways and Tunnels 37
Electric Lighting and Transmission Lines 38
Sewers 39
Streets and Highways 40
Gas, Water and Oil Pipe Lines 41

31-32—WATER SUPPLY & SEWAGE DISPOSAL PLANTS

3/29/46 ** 31
CONTRACT AWARDED
CONTRA COSTA COUNTY, Calif.—Patrick M. Sofarelli, 20337 Anita Ave., Hayward, at $5068, awarded contract by the East Bay Municipal Utility District, Room 406, 512 16th St., Oakland, under LS-352 for construction of Schapiro pumping plant near Richmond, including furnishing all labor and materials.

3/29/46 3 2
FUNDS APPROPRIATED
SHERIDAN, Wyo. — Funds have been appropriated to the U. S. Veterans Admin., Munitions Bldg. Washington, D. C., for construction of sewage disposal plant for Veterans Facility at Sheridan, Wyo., Cost, $100,000.

33—BRIDGES

3/29/46 * * 33—40
BIDS WANTED
RICHMOND, Contra Costa Co., Calif.—Until April 8, 2 P. M., bids will be received by the Richmond-San Rafael Ferry Transportation Co., Ferry Terminal, Castro Point, Richmond, for the construction of a 1000-foot causeway of creosoted piles at present Richmond terminal extending into San Francisco Bay from Castro Point, together with complete ferry slip including ferry arpon and hoisting machinery and two frame buildings (50 ft. long each).
Work involves in excess of 900 piles and approx. 700,000 b.m. lumber.
Plans and specifications are obtainable from office of Consulting Engineer James J. Walsh, 112 Market St., San Francisco, upon deposit of $50.00.

3/29/46 * * 14—36
PERMIT GRANTED
ENLARGE RACE TRACK
Cost, $1,250,000
SAN BRUNO, San Mateo Co., Calif. Tanforan.
Modernize and enlarge Tanforan Race Track.
Owners—Guy M. Standifer, Balfour Bldg., San Francisco, and Jack Rainer, New York City.
Architect—Clarence W. W. Mayhew, 330 Hampton St., Piedmont.
A permit in amount of $500,000 was taken out March 25.

3/29/46 * * 3 3
LOW BIDDER
SAN DIEGO CO., Calif.—Oberg & Cook, 2106 W 93rd St., Los Angeles, at $87,433 submitted low bid to State Division of Highways, G. T. McCoy, state highway engineer, State Bldg., Los Angeles, for construction of two bridges and approaches across Samagatuma Creek and Descanso Creek near Descanso, San Diego County.

3/29/46 ** 3 3
BIDS WANTED
EMERY and GRAND COUNTIES, Utah.—Until April 10, 2 P. M., bids will be received by the Utah State Road Commission, State Capitol, Salt Lake City, Utah, for construction of a steel and concrete bridge in Emery and Grand counties, same being that section of U. S. 50, east of Green River, Utah, identified as Project No. F-75 (9). Length of bridge is 0.114 mile.
The work involves:
(1) 3180 cu. yds. excavation for structures;
(2) 1764 cu. yds. concrete, class A;
(3) 184,976 lbs. reinforcing steel;
(4) 672,226 lbs. structural steel;
(5) 1 each furnishing pile driving equipment;
(6) 200 lin. ft. rock-filled wire baskets.
Specifications obtainable from the above office upon deposit of $2.

34—DAMS, RESERVOIRS & DREDGING

3/29/46 ** 34
BIDS WANTED
BREMERTON, Wash.—Until April 3, 11 A. M., bids will be received by the Puget Sound Navy Yard, Public Works Office, Bremerton, Wash., under Spec. 17432 for dredging for facilities for inactive vessels at Bremerton Navy Yard.
Specifications obtainable from the above office upon deposit of $10.

3/29/46 * * 3 4
BIDS WANTED
COLORADO - BIG THOMPSON PROJ., Colo.—Until April 9, 10 A. M., bids will be received by the U. S. Bureau of Reclamation, Denver, under Spec. 1260 for preparation of con-agg., Big Thompson Meadows deposit, Colorado-Big Thompson Project, Colo. Work is situated near Estes Park, Colo.
Work involves:
(1) 13,000 c.y. excav., stripping deposit;
(2) 30,000 c.y. preparing and stockpiling sand;
(3) 20,000 c.y. preparing and stockpiling coarse agg., 3/16- to ¾-in. in size;
(4) 20,000 c.y. do ¾- to 1½-in.
No charge to prospective bidders for copies of the specifications and drawings; to others, $0.80 per copy, not returnable.
Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, Chief Engineer, U. S. Customhouse, Denver 2; E. B. Debler, Regional Director, 501 Continental Oil Bldg., Denver; C. H. Howell, Project Engineer, Estes Park, Colo.; and Michael W. Straus, Commissioner, Bureau of Reclamation, Washington 25, D. C.
Prospective bidders desiring to visit the site of the work should communicate with the project engineer.

35— DOCKS, PIERS & HARBORS

3/29/46 * * 3 5
BIDS WANTED—
TO BE OPENED APR. 17, 2 P. M.
CONCRETE HEADWALL
SAN FRANCISO. Mission Rock Terminal.
Furnishing material and driving of piles and constructoin of concrete headwall for Mission Rock Terminal.
Owner—Board of State Harbor Commissioners, F. G. White, Chief Engineer, Ferry Bldg.
Plans prepared by Engr. Dept. of the Owner.
Plans and specifications may be obtained from the above office of the owner upon deposit of $20.00.
Lump sum bids will be received.

3/29/46 * * 3 5
BIDS WANTED—
TO BE OPENED APR. 17, 2 P. M.
ROCKWALL and FILL
SAN FRANCISO. Mission Rock Terminal.
Construction of rockwall and making interior fill for Mission Rock Terminal.
Owner—Board of State Harbor Commissioners, F. G. White, Chief Engineer, Ferry Bldg.
Plans prepared by Engr. Dept. of the Owner.
Plans and specifications may be obtained from the above office of the owner upon deposit of $20.00.
Work involves:
(1) 400,000 tons core rock;
(2) 50,000 tons facing rock;
(3) 98,700 c.y. interior fill.

3/29/46 * *
CONTRACT AWARDED
DENVER, Colo.—J. H. Baxter Co., 333 Montgomery St., San Francisco, at $73.548 awarded contract by the Bureau of Reclamation, Denver, for furnishing and delivering 1,140 wooden poles to be used in connection with the construction of the 55-mile Alamogordo-Hollywood, N. M., section of the 120-mile Las Cruces-Hollywood 115,000 volt transmission line.

3/29/46 ** 35
TO ASK BIDS
BREMERTON, Wash. — Bids are now being received (opening date not yet set) by the U. S. Bureau of Yards and Docks, Public Works Office, Naval Shipyard, Bremerton, Wash., under Spec. 17430 for two concrete piers and 10 steel sheet pile moorings and access trestles at Naval Shipyard, Bremerton, Wash.
Specifications obtainable from the above office upon deposit of check or postal money order for $30, payable to the Chief of Bureau of Yards and Docks.

36— PARKS, AIRPORTS & PLAYGROUNDS

3/29/46 ** 36
PROSPECTIVE BIDDERS
SAN BRUNO, San Mateo Co., Calif.—The following contractors have taken out plans for grassing for dust control at San Francisco Municipal Airport, San Bruno, for which bids will be opened April 9, 2 P. M., by the U. S. Engineer Office, 74 New Montgomery St., San Francisco, under Spec. 5163-3:
Hallawell Seed Co., 256 Market St., San Francisco.
Christensen Nursery Co., 343 W. Portal Ave., San Francisco.
California Nursery Co., Inc., Niles.
Leonard Coates Nurseries, Inc., 2201 The Alameda, San Jose.
Combs Bros., 2287 Washington Ave., San Leandro.
Sanders Construction Co., Box 528, Redwood City.
Glen Littlefield, Monterey.
Huettig & Schromm, 278 Santa Margarita Ave., Palo Alto.
A. J. Earin, Hayward.

38— ELECTRIC LIGHTING TRANSMISSION LINES EQUIPMENT

3/29/46 ** 38
LOW BIDDERS
COLORADO-BIG THOMPSON PROJECT, Colorado.—The following submitted bids to Bureau of Reclamation, Denver, Colo., for construction of the Brush-Sterling 115-kilovolt and the Sterling-Holyoke 60-kilovolt transmission lines, Colorado-Big Thompson Project, Colorado; Spec. No. 1210. The work is situated in the northeast portion of the State of Colorado:
Electric Construction Co., Tacoma, Wash., (Sch. 1) $90,194 aluminum conductors, $90,094 copper conductors; (Sch. 2) $64,400 aluminum conductor; $64,350 copper conductor.
Olson Construction Co., Salt Lake City, Utah, (Sch. 1) $117,548 and $115,818; (Sch. 2) $94,220 and $92,655.
Donovan, Inc., St. Paul, Minn., (Sch. 1) $142,867.50 and $142,117.50; (Sch. 2) $122,465.50 and $122,090.50.
A. B. Reither, Denver, Colo., (Sch. 2) $55,665 and $53,215.

39—SEWERS

3/29/46 ** 39
BIDS WANTED
MODESTO, Stanislaus Co., Calif.—Until April 24, 7:30 P. M., bids will be received by the City of Modesto, Tex E. Gailfus, city clerk, 717 10th St., Modesto, for two concrete tanks, etc.
Specifications obtainable from the above office.

3/29/46 * * 3 9
CONTRACT AWARDED
MILL VALLEY, Marin Co., Calif.—McGuire & Hester, 796 66th Ave., Oakland, at $174,212.05 awarded contract by the City of Mill Valley, City Clerk, City Hall, for construction of sanitary sewer system including vitrified clay pipe sewers of 8-, 10-, 12-, 15-, 18-, 21-, and 30-in sizes, cast iron pipe sewers of 8- and 12-inch sizes, together with manholes, lampholes, stubs, Y branches and appurtenances and a reinforced concrete trestle on wood piles for supporting 30-in. VP pipe in unstable ground.
Plans by Engineer John S. Bates, 3134 Eton Ave., Berkeley.

40— STREETS AND HIGHWAYS

3/29/46 ** 40
BIDS OPENED
MODESTO, Stanislaus Co., Calif.—Standard Materials Co., 1411 9th St., Modesto, at $4794, submitted low bid to the Modesto City Council, Rex E. Gailfus, city clerk, 717 10th St., Modesto, for improvement of Kansas Ave., from Franklin to Ninth St.
The work involves:
(1) 480 cu. yds. excavation and grading;
(2) 400 tons asphaltic concrete base;
(3) 170 tons asphaltic concrete surface course;
(4) 12 tons asphaltic concrete, warp and feather surfacing;
(5) 2330 sq. yds. seal coat;
(6) 2550 sq. yds. bituminous surface treatment;
(7) lump sum, storm drain system, complete in place.
Complete bids follow:
Standard Materials Co., (1) $1, (2) $5, (3) $5, (4) $6, (5) $0.15, (6) $0.15, (7) $650; total, $4794.
M. J. Ruddy & Son, Modesto, (1) $1.96, (2) $9, (3) $10.30, (4) $10.43, (5) $0.23, (6) $0.32, (7) $1433; total, $9201.86.
E. J. Warner, (1) $3.25, (2) $4.50, (3) $10, (4) $12, (5) $0.25, (6) $0.48, (1)..........; total, $9237.
Bids taken under advisement for one week.

41—GAS, WATER AND OIL PIPE LINES

3/29/46 ** 41
BIDS WANTED
SAN FRANCISCO.—Until April 9, 3 P. M., bids will be received by the Public Utilities Commission, Room 287 City Hall, under Water Department Contract No. 419 for laying 6-in. and 8-in. cast iron mains in 42nd Ave., 43rd Ave. and Wawona St.
The work involves:
(1) 2610 lin. ft. excavation and backfill;
(4a) 2180 lin. ft. install 6-in. bell and spigot cast iron pipe;
(4b) 430 lin. ft. install 8-in. do;
(5) 3000 lbs. install fittings, valves, etc.;
(6a) 300 lin. ft. make bell and spigot joints;
(7) 450 sq. ft. street repavement;
(8) 130 each install ¾-in. screw taps;
(9) 3340 lin. ft. install ¾-in. service pipe;
(10) estimated field inspection per calendar day, $10.75.
(A) material furnished and services rendered by S. F. Water Department, $4151.30.
Specifications obtainable from the cashier's office, 6th floor, 425 Mason St.; no deposit required.

Machinery & Material

NEWS INDEX

For convenient reference, news reports in this section are classified as follows:

Misc. Supplies & Materials 42
Machinery and Equipment 43

42— MISC. SUPPLIES AND MATERIALS

3/29/46 ** 42
BIDS WANTED
SAN FRANCISCO.—Until April 10, 2 P. M., bids will be received by the U. S. Forest Service, 447 Sansome St., San Francisco, under Bid No. 398 for radio transmitting crystals, f.o.b. San Francisco.

3/29/46 ** 42
BIDS WANTED
SAN FRANCISCO.—Until April 8, 3 P. M., bids will be received by the Purchaser of Supplies, 270 City Hall, under Bid No. 3519 for furnishing and delivering 9000 bd. ft. of 1-in., ½-in. and 2-in. spruce for the Municipal Railway.
Specifications obtainable from the above office.

3/29/46 **
BIDS WANTED
LAS VEGAS, Clark Co., Nev.—Until April 16, 10 A. M., bid swill be received by Clark County Board of Commissioners, office of the county clerk, Courthouse, Las Vegas, Nev., for furnishing one deep well turbine pump for a 10-inch well, having a capacity of 450 gallons per minute at a 300-ft. head.

3/29/46 **
NOTICE
HUMBOLDT COUNTY, Calif. — A representative of the district office of the State Division of Highways will meet prospective bidders for the proposed project in Humboldt County (I-Hum-1-G), for which bids are to be received in Sacramento on April 10, 1946.
Said representative will meet prospective bidders at the district office in Eureka on Friday, April 5, 1946, at 9 A. M.

3/29/46 **
NOTICE
LASSEN COUNTY, Calif.—A representative of the district office of the State Division of Highways will meet prospective bidders for the proposed project in Lassen County (II-Las-73-B), for which bids are to be received in Sacramento on April 10, 1946.
Said representative will meet prospective bidders at Viewland railroad crossing, nine miles north of Litchfield, on Friday, April 5, 1946, at 1:30 P. M.

3/29/46 ** 42
NOTICE OF SALE
SAN FRANCISCO.—Until April 12, 10 A. M., bids will be received by the Navy Material Redistribution and Disposal Office, 785 Market St., San Francisco 3, under Sales No. B-339-46 for sale of miscellaneous used millwork and 1735 sq. ft. insulation wallboard, located at Chicago Bridge & Iron Co. plant, Eureka.

3/29/46 **
NOTICE
SISKIYOU COUNTY, Calif.—A representative of the district office of the State Division of Highways will meet prospective bidders for the proposed project in Siskiyou County (II-Sis-3-B), for which bids are to be received in Sacramento on April 10, 1946.
Said representative will meet prospective bidders at the Gazelle general store in Gazelle on Thursday, April 4, at 11 A. M.

3/29/46 **
NOTICE
SAN DIEGO COUNTY, Calif.—A representative of the bridge department of the State Division of Highways will meet prospective bidders for the proposed project in San Diego County (XI-S.D-77-D), for which bids are to be received in Los Angeles on April 18, 1946.
Said representative will meet prospective bidders at the Bonsall Post Office, 13 miles east of Oceanside, on Wednesday, April 10, 1946, at 10 A. M.

3/29/46 ** 42
NOTICE OF SALE
SAN FRANCISCO.—Until April 11, 10 A. M., bids will be received by the Navy Material Redistribution and Disposal Office, 785 Market St., San Francisco, under Sales No. B-347-46 for 858 gross tons unprepared ferrous scrap, located at 9th Ave. Pier, Oakland.

3/29/46 ** 42
NOTICE OF SALE
SAN FRANCISCO.—Until April 5, 2 P. M., bids will be received by the Purchaser of Supplies, Room 270 City Hall, under Sale No. 377 for sale of the following:
Lot No. 1, located at Board of Education warehouse, 291 10th St., one lot of gas ranges, dishwashing machine, metal sinks and miscellaneous cafeteria equipment.
Lot No. 2, located at Board of Education warehouse, 1440 Harrison St., nine (9) cases of metal strips (deactivators) of approximately 2000 lbs. each.

3/29/46 ** 42
CONTRACT AWARDED
SAN FRANCISCO.—General Cable Corp., 30 Otis St., San Francisco, at $164 per 100 feet, awarded contract by the Purchaser of Supplies, 270 City Hall, under Bid No. 3479 for furnishing and delivering 3 400-ft. lengths of 1½ million CM copper feeder electric cable, 5/32-in. paper insulation and 7/16-in. lead sheath for the Municipal Railway.

3/29/46 ** 42
BIDS OPENED
OAKLAND, Alameda Co., Calif.—Oakland Plumbing Supply Co., 4th and Harrison, Oakland, at $1234.35, submitted low bid to the East Bay Municipal Utility, District, Room 312, 512 16th St., Oakland, under Pro. 1722 for streamline fittings.
Other bids were:
Pacific Plumbing & Heating Supply Co., $1260.60.
American Brass & Copper Co., $1260.60.
Republic Supply Co., $1288.
Steam & Plumbing Service Co., $1330.
Tay-Holbrook Co., $1338.
Gilson Supply Co., $1338.
Crane Co., $1339.
Richmond Sanitary Co., $1575.75.

3/29/46 ** 42
BIDS OPENED
OAKLAND, Alameda Co., Calif.—Jerome & Horner, 3400 Chestnut St., Oakland, at $180 each, total $2160, submitted low bid to the East Bay Municipal Utility District, Room 312, 512 16th St., Oakland, under Pro. 1720 for 12 steel operating tables.
Berkeley Steel Construction Co., Berkeley, at $350 each, total $4200, submitted only other bid.

3/29/46 ** 42
BIDS OPENED
OAKLAND, Alameda Co., Calif.—The following submitted bids to the East Bay Municipal Utility District, Room 312, 512 16th St., Oakland, under Pro. 1723 for two jeeps:
Qvale Motor Co., Alameda, $1310.
Reynolds C. Johnson Co., $1380.70.
Transport Motor Co., $1380.71.

3/29/46 ** 42
CONTRACT AWARDED
SAN FRANCISCO.—U. S. Pipe & Foundry Co., Monadnock Bldg., at $172,960, awarded contract by the East Bay Municipal Utility District, Room 406, 512 16th St., Oakland, under LS-351 for furnishing 61,000 lin. ft. of cast iron pipe, diameter 10- to 20-in., for distribution system, f.o.b. Bidder's shipping point.

43— MACHINERY AND EQUIPMENT

3/29/46 ** 43
BIDS WANTED
YOLO COUNTY, Calif.—Until April 9, 8 P. M., bids will be received by the Clarksburg High School District, O. S. Clark, clerk, for purchase and/or rental of one or more Crown Transit super coaches, rear-motored with Hercules engine, seating 73 school students.

3/29/46 * * 43
BIDS WANTED
RED BLUFF, Siskiyou Co., Calif.—Until April 5, 2 P. M., bids will be received by the State Division of Highways, F. W. Haselwood, District Engineer, 1657 Riverside Drive, Redding, for rental of one concrete vibrator for approx. four months' work in vicinity of Red Bluff
Specifications obtainable from the above office

3/29/46 * * 43
BIDS WANTED
RED BLUFF, Siskiyou Co., Calif.—Until April 5, 2 P. M., bids will be received by the State Division of Highways, F. W. Haselwood, District Engineer, 1657 Riverside Drive, Redding, for rental of one wheelbarrow scales for approx. 4 months' work near Red Bluff.
Specifications obtainable from the above office.

3/29/46 ** 43
BIDS OPENED
MODESTO, Stanislaus Co., Calif.—The following submitted bids to Modesto City Council, Rex E. Gailfus, city clerk, City Hall, for furnishing and installing one deep well turbine pump with motor and control panel and for furnishing 3-25-kva. 2400/4160 volt to 240/480 volt, single phase, 60 cycle transformers (pole type).
Wille Electric Supply Co., (3) $589.66.
Modesto Electric Supply Co., (1) $2034.46, (2) $210, (3) $589.66.
Lane & Bowler Corp., (1) $2129.90.
Green & Berry, (1) $2129.90, (2) $226.39, (3) $196.55 each.
Stanislaus Implement & Hardware Co., (1) $2129.90, (2) $226.39.
Winthrop Pump Co., (1) $2129.90, (2) $226.39.

3/29/46 ** 43
CONTRACT AWARDED
OAKLAND, Alameda Co., Calif.—Westinghouse Electric Corp., 1 Montgomery St., San Francisco, at $4390, awarded contract by the East Bay Municipal Utility District, Room 312, 512 16th St., Oakland, under Pro. 1719 for one oil circuit breaker.

3/29/46 * * 4 3
LOW BIDDERS
CENTRAL VALLEY PROJ., Calif.—Pacific Coast Engrg. Co., Inc., Drawer E, Alameda, at $81,250 submitted low bid to Bureau of Reclamation, Denver, under Spec. No. 1165 for furnishing and delivering fob cars at the shipping point or fob cars at Coram, Calif., two complete hydraulic gate hoists with accessory equipment and, in addition thereto, misc. parts and accessory equipment for one additional hydraulic gate hoist to alter and complete a hydraulic hoist now owned by the government. The hoists will be used to operate 15.0x19.05-ft. penstock coaster gates at Shasta Dam, Kennett Division, Central Valley Project. The penstock coaster gate hoists and hoist equipment will be installed by the government.
Second and third low bids follow:
McKiernan Terry Corp., Harrison, N. J., $86,690.
Consolidated Steel Corp., Los Angeles, $93,685.

Dismantling, Demolition and Removal of Temporary Buildings and Government Property, Premises of Chevrolet Motor Co., 10626 E. 14th St., Oakland, Calif.

BIDS: U. S. Engineer Office, 74 New Montgomery St., San Francisco; Serial No. 04-203-46-12; April 9, 2 P. M.
Combs Bros., Box 97, San Leandro.
Haas Construction Co., 320 Merchants' Exchange Bldg., San Francisco.
Charles L. Harney, 625 Market St., San Francisco.
J. D. Ballinger & Co., 1905 Cypress St., Oakland.
George Petersen & Son, 1841 Bancroft Ave., San Leandro.
Whalin Bros., 2943 23rd Ave., Oakland.
Peter Sorensen, 927 Arguello St., Redwood City.
R. R. Randall, 8032 MacArthur Blvd., Oakland.
K. R. C. Construction Co., 2068 Allston Way, Berkeley.
Charles Wait, 666 Mission St., San Francisco.
Herman Misrack, 575 6th St., San Francisco.
J. Henry Harris, 2657 9th St., Berkeley.
Stolte, Inc., 8451 San Leandro St., Oakland.
Cleveland Wrecking Co., 2800 3rd St., San Francisco.
Dolan Building Supplies & Wrecking Co., 6939 Mission St., San Francisco.
Symon Bros. Wrecking Co., 1435 Market St., San Francisco.
Lewis Construction Co., 516 18th St., Oakland.
Monson Bros., 475 6th St., San Francisco.
Cut Rate Wrecking & Lumber Co., 1740 Folsom St., San Francisco.
Joe Ciatti, 1755 Quesada Ave., San Francisco.

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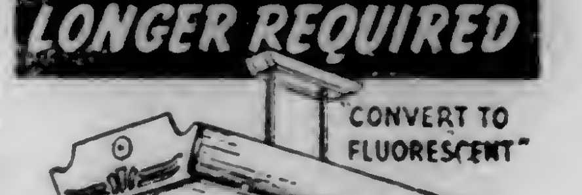

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SCHARY, HARRY A., 409 15th St.
SCHIRMER, WM. E., 1419 Broadway.
SIMONDS, GEORGE P., 339 15th St.
ANDERSON & SIMONDS, 339 15th Street.
SLOCOMBE, FRANCIS H., 1615 Broadway.
THOMSON, LAWRENCE G., 1308 E. 38th Street.
TREICHEL, CHESTER H., 696 Cleveland St.
THOMSON & EVANS, 1308 E 38th St.
WARNECKE, CARL I., Financial Center Bldg.
MILLER & WARNECKE, Financial Center Building.
WILLIAMS, MORTON A., 5824 Ocean View.
WILLIS, RAYMOND G., 1214 Webster Street.
WILLIAMS, MORTON A., 5824 Ocean View Drive.

PALO ALTO

STEDMAN, HENRY MORGAN, 666 Kellogg Avenue.
SUMNER, CHAS. K., Decker Oak Building.
BOYTER, ELIZABETH, 316 Kipling.
CLARK, BIRGE M., 310 University Avenue.
CLARK, DAVID B., 310 University Avenue.
THOMSON, DOLE FORD, 179 Lincoln Avenue.
NICHOLS, LESLIE I., 532 Emerson.
SAWYER, CHARLES, 155 Dana St.
SUMNER, CHAS., 760 University.

ORINDA

ANDERSON, JAMES H., No. 5 Via Hermosa.
LITTLEJOHN, WAYNE A., 9 Moraga Highway.
SISSON, RALPH C., 11 El Campanero.
WHITE, LAWRENCE R., 30 La Cintilla.
WINTER, ALBERT H., 171 Las Vegas Road.

PIEDMONT

BURNETT, HOWARD E., 52 Manor Drive.
CHAPMAN, FREDERICK A., 86 Wildwood Avenue.
FARR, ALBERT, 339 San Carlos Ave
MAYHEW, CLARENCE W., 330 Hampton Street.
MILWAIN, W. E., 1503 Oakland Ave.
NEWSOM, NOBLE, 2083 Oakland Avenue.

REDWOOD CITY

LARSEN, ALBERT H., 80 Finger Avenue.

ROSS

WINNER, H. H., Wordsworth Ave.

SAN CARLOS

HODGSON, GILBERT, 1212 Cherry Street.

SALINAS

BUTNER, CHAS. E., 7 Winham St.

SAN JOSE

BINDER, WILLIAM, 35 W. San Carlos Street.
CURTIS, E. N., 35 W. San Carlos St.
HIGGINS, WM. L., 84 S. First St.
JAEKLE, DONNELL E., Builders' Exchange Bldg.
KRESS, EDWARD W., 515 First National Bank Building.
McKENZIE, CHAS. S., 22 S. 7th St.
ROOT, CHESTER, 84 S. First St.
SOBEY, GIFFORD E., 69 S. First St.
WYCKOFF, RALPH, Anglo Bank Building.

SACRAMENTO

ADAMS, ELLIOT J., 1153 Swanston Drive.
ASHCROFT, G. B., 1419 13th Street.
BARTGES, W. K., 418 25th Street.
BAROVETTO, S. LOUIS, 620½ I St.
BOYD, ANSON, 2691 14th Street.
CUFF, CLARENCE C., 1315 Q St.
DANIELS, W. K., 2640 3rd Avenue.
DEAN, CHARLES F., 1407 California State Life Building.
DeHAVEN, H. W., 1175 Robertson Way.
DEVINE, HARRY J., 1012 J Street.
DUDMAN, ARTHUR F., 1400 44th St.
EICHLER, ALFRED, 2717 Harkness Avenue.
FRANKLIN, CLIFFORD N., 1739 9th Avenue.
FRANCESCHI, R. R., Rt. 5, Box 8115
GILLEM, JAMES A., 4701 D Street.
GOODPASTER, HERBERT E., Mitau Building.
HARRISON, FREDERICK S., 1312 Del Paso Blvd.
LEWIS, W. O., 2741 Tiago Way.
LONG, W. J., 4209 "T" Street.
MANHART, W. E., Rt. 6, Box 8346.
MURRAY, ROBERT D. Rt. 9, Box 1061.
POAGE, P. T., 1610 12th Avenue.
SEADLER, EUGENE, 2749 10th Ave.
SATTERLEE, IVAN C., California State Life Building.
SELLON, GEO. C., California State Life Building.
STAFFORD, GORDON, 1825 3rd Ave.
STARKS, LEONARD F., 416 Native Sons' Building.
WILLARD, STANTON, 1606 Cara-

SAN LEANDRO

KERR, RALPH N., 308 Broadmoor Boulevard.
MOWBRAY, MELTON V., Jr., 756 Rodney Drive.
ROSEBROOK, GUY L., 1300 Glen St.

SAN MATEO

COLLINS, HENRY C., No. 8 Aragon Boulevard.
EDWARDS, THOMAS M., 123 Elm Street.
HESS, KENNETH H., 1444 Shafter.
TOEPKE, WM. H., 230 Chesterton Pl.
LANSBURGH, G. ALBERT, 28 W. Fourth Avenue.
ROWE, WILLIAM HENRY, 1035 Lancaster Road, Hillsborough.

SAN RAFAEL

GROMME, CARL F., 110 "B" Street.
LESSWING, SYLVESTER A., 17 Hillcrest Drive.
McDOUGALL, GEO. B., Box 265.

SANTA CRUZ

DUCKERING, LYNN ROLLETT, 27 Front Street.

SANTA ROSA

CAULKINS, C. A., Jr., Rosenberg Building.
FELCIANO, J. CLARENCE, 4010 Montecito Avenue.
HERBERT, WM. F., 1633 Austin Way.

SAUSALITO

BICKEL, REDDICK H., 148 Harrison Avenue.
CONSTABLE, ARNOLD S., 95 Spencer Avenue.
FAVILLE, WM. P., 35 Central Ave.
KETT, CONRAD F. T., 75 Crecienta.

SONOMA

JORGENSEN, VIRGIL W., Route 1, Box 399.

STOCKTON

BISSELL, HOWARD G., 1225 West Acacia Street.
CLOWDSLEY, J. UPTON, 309 Exchange Bldg.
ERNST, ELMORE G., 501 E. Harding Way.
GALBRAITH, VICTOR, 834 West Willow Street.
JOHNSON, ERIC, 306 Exchange Building.
MAYO & JOHNSON, 306 Exchange Building.
LOSEKANN, JOSEPH, 206 Elks Bldg
MAYO, FRANK V., 306 Exchange Building.
MAYO & JOHNSON, 306 Exchange Building.
SALA, PETER L., 2130 N. Commerce Street.

STANFORD UNIVERSITY

WARD, EUGENE V., 627 Salvatierra Street.

SUSANVILLE

TAYLOR, RALPH D., 716 Court St

VALLEJO

FRENCH, EDW. R., Jr., 39 Santa Paula Way.
KREINKAMP, H. A., 925 Valle Vista.
PERRY, CHARLES E., 514 Marin St.

WALNUT CREEK

FORD, LEONARD H., 1350 Main St.
COMSTOCK, FLOYD B., RFD No. 1, Box 347R.
DEAN, MARSHALL, Colonial Inn, 1329 Main St.

Structural Engineers

SAN FRANCISCO

ADRIAN, W., 417 Market Street.
APPLEFORD, CARL W., 245 Market.
BARKER, RALPH, 63 Fernwood Dr.
BEEBEE, RALPH A., 1261 41st Ave.
BLUME, JOHN A., 68 Post Street.
BOGVAD - CHRISTENSEN, VILHELM, City Hall.
BREITE, W. W., 375 Sutter Street.
BROWN, ARCHIBALD A., 461 Market Street.
BRUNNIER, H. J., 612 Sharon Bldg.
BUELL, RAYMOND C., Second Floor Call Building.
BULLEN, ARTHUR C., 2 Pine Street.
BURGESS, E. O., 1200 17th Street.
BUSH, PHILIP LEE, 101 California.

CHACE, THOMAS F., 268 Market St.
CHERNO J., 245 Market Street.
CHEW, RICHARD SANDERS, 844-A Mills Building.
CORWIN, T. J., Jr., 245 Market St.
COTTEN, SHEPARD M., 308 Eddy.

DEGENKOLB, HENRY J., 405 Montgomery Street.
DEWELL, ROBERT D., 604 Mission.
EARL, AUSTIN W., 233 Sansome St.
ELLISON ,W. H., 500 Sansome St.
ENGLE, HAROLD MARSHALL, 110 Sutter Street.
FALK, MARK M., 251 Kearny St.
FISHER, ALFRED P., 300 Montgomery Street.
FISHER, R. J., 826 Crocker Building.

GIDDINGS, Wm. A., 417 Market St
DONALD R. WARREN Company 417 Market Street.
GOULD, JOHN J., Financial Center Building.

HALL, FREDERIC F., 251 Kearny.
HAMMILL, HAROLD B., 381 Bush.
HANSON, ROBERT A., 19th and Indiana Streets.
HARRIS, FREDERIC R., Inc., 1045 Sansome Street.
California Street.
HASSENMILLER, WILFORD S., 100 Bush Street.
HAUN, GEORGE CLEVELAND, 580 Market Street.
HAYES, JESSE E., 525 Market St.
HENRY, RODNEY WM., Shell Oil Building.
HILL, GEORGE S., 36 Diamond St.
HJUL, JAMES H., 128 Russ Street.
HUBER, EARL RAYMOND, USFS, Phelan Building.
HUBER, WALTER LeROY, 1 Montgomery Street.

IRVIN, LESLIE A., Fort Winfield Scott.

JAKOBSEN, B. F., Balfour Building.
JOHNSON, I. L., 417 Market Street.
DONALD R. WARREN Company, 417 Market Street.

KEGLER, HOWARD L., 661 29th Avenue.
KELLBERG, F. W., 320 Market St.
KING, STANLEY C., 509 Sansome St.
KNAPIK, EDWARD MATHIAS, 1325 Crocker 1st National Bank Bldg.
KRAFFT, ALFRED J., Phelan Bldg.

LEVY, EDWIN F., 727 17th Avenue.
LITTLE, JOHN GOULDING, 251 Kearny Street.

MARDEL, CHARLES M., 2335 Pacific Avenue.
MEYERHOLZ, R. IVAN, 245 Market.

NISHKIAN, L. H., 1045 Sansome St.

PAQUETTE J. ALBERT, 320 Market Street.
PERKINS, MAC D., 110 Sutter St.
PHILLEO, R. A., CEC Hq., 4th Air Force.
POWERS, H. C., 612 Sharon Bldg.
PREGNOFF, M. V., 251 Kearny St.
RINNE, JOHN E., 225 Bush Street.

ROSENTHAL, HYMAN, 617 Montgomery Street.
ROSENWALD, JESSE, 525 Market.
SAMPSON, RAPHAEL, 333 Montgomery Street.
SAPH, A. V., Jr., Rialto Bldg.
SAUER, ARTHUR A., 620½ I St.
SCHELLENBERG, G. W., 225 Bush.
SEAGE, CLARENCE E., 681 Market Street.
SJOBERG, HAROLD O., 233 Sansome Street.
SKYTTE, JOHANNES, City Hall.
SMITH, HARVEY A., 712 Pacific Building.
SMITH, JAS. M., 251 Kearny Street.
SPITZER, FELIX H., City Hall.
SQUIRE, HARRY EDWIN, 19 Ferry Building.
STEELE, I. CLEVELAND, 245 Market Street.
SWAIN, CLARKSON, 320 Market St.
THAYER, EDWARD S., 1208 Balfour Building.
THEILL, KAJ, 580 Market Street.
THOMPSON, ISADORE, 58 Sutter.
VENSANO, H. C., City Hall.

WASHINGTON, GEO., 417 Market.
WHIPPLE, S. K., 225 Bush Street.
WHITE, FRANK G., 18 Ferry Bldg.
WOODRUFF, GLENN B., 333 Montgomery Street.
WRIGHT, J. G., 233 Sansome Street.

OAKLAND

ANDERSON, ARTHUR W., 1801 Bank of America Bldg.
BASTOW, J. G., Grove Street Pier.
COOLEY, R. H., 354 Hobart Street.
CORLETT, WILL G., 1801 Bank of America Building.
COTTERILL, GEO. W., 5354 Lawton Avenue.
DALTON, ROBT. DOCK, 1630 Webster Street.
DEWELL, ROBERT D., 6231 Contra Costa Road.
ELLERY, N. B., 2124 Coloma Street.
GUPTILL, JOSEPH R., 5936 McAndrews Drive.
HANSEN, CHARLES, Grove St. Pier.
KENNEDY, ROBT. CHAS., 512 16th Street.
KITCHEL, MILTON P., City Hall.
LYMAN, RICHARD F., Jr., 6602 Chabot Road.
MANOV, MATEO M., 337 17th Street.
NEVIUS, SEARLE B., 184 13th St.
O'NEIL, HUGH M., 363 17th Street.
PLANT, FRANCIS B., 858 Alma Ave.
SANDNER, VICTOR R., c/o Moore Drydock Company.
SAWYER, FRANK L., 1025 2nd Ave.
SCHIRMER, HOWARD A., 1444 14th Street.
SLY, CLARENCE JEFFERSON, 638 Miranda Street.
THURSTON, EUGENE T., 809 Rosemount Road.
WARREN, DONALD R., 417 Market.
DONALD R. WARREN Company, 417 Market Street.
WHITTON, CHAS. A., 1025 2nd Ave.
WILLIAMSON, H. P., 3589 Fruitvale Avenue.

EL CERRITO

NELIDOV, IVAN M., 1109 Contra Costa Drive.

WASHINGTON, D. C.

LOTZ, WM. D., Bureau of Yards and Docks.

WALNUT CREEK, CALIF.

McKEE, GEORGE T., Saranap.

LOS ALTOS

NORDWELL, ALFRED W., Box 218.

ROSS

NORDWELL, ALFRED W., Box 218.
ZOLLNER, CARL W., P. O. Box 315.

WOODLAND

PROCTOR, ASA G., P. O. Box 327.

SAN ANSELMO

HJORT, SIGGE I., Box 261.

SACRAMENTO

AEPPLI, ERNEST, Rte. 6, Box 1853.
BROWNFIELD, ALLEN H., 6033 V Street.
BUEHLER, WALTER A., 3410 Land Park Drive.
ENGER, ARTHUR L., Public Works Building.
EWING, M. A., 1120 "N" Street.
FRANCIS, ERNEST D., 1010 J St.
HOLLISTER, LEONARD C., State Bridge Department.
HUTCHINSON, RALPH W., Public Works Building.
ILLERICH, OTTOMAR THEODORE, Public Works Building.
JOHNSON, FRANK A., Public Works Building.
KROMER, CLARENCE HERBERT, Wright Building.
LONG, WALTER J., Department of Public Works.
McGINNESS, ARTHUR R., Old Post Office Building.
MEEHAN, ANDREW J., 2540 Fifth Avenue.
PANHORST, F. W., P. O. Box 1499.
PETERSEN, WM., HARTMAN, Public Works Building.
PURCELL, CHARLES H., 210 Public Works Building.
REYNOLDS, FRANK HOWARD, 905 Forum Building.
ROWE, R. ROBINSON, 239 Public Works Building.
SHIELDS, JAMES RALPH, 205 City Hall.
STOVER, HARVEY D., 327 Public Works Building.
WALKER, ARTHUR V., 1020 "N" St.
WILLETT, ALBERT B., 708 35th St.
WILLETT, D. C., Public Works Bldg.

ALAMEDA

ASHCROFT, GLEN B., 1823 Alameda Avenue.
GORMAN, SIDNEY S., 2308 Webster Street.
GREEN, FREDERICK M., 927 San Antonio Avenue.
HESS, C. W., 1242 Hawthorne Street.

BERKELEY

DAVIS, RAYMOND E., University of California.
DERLETH, CHARLES Jr., 218 Engineering Bldg., U. of C.
JAMEYSON, BRUCE, C. E. Bldg., U. of C. Campus.
JENNINGS, GEORGE H., 1715 Buena Avenue.
SEAGE, CLARENCE E., Jr., 10062 Broadway Terrace.
WIELAND, CHAS. F., 100 Hillcrest Road.

STOCKTON

BAMBERGER, SIDNEY F., P. O. Box 1848.
GULICK, CHAS. W., College of the Pacific.

SAN MATEO

BERTWELL, WILLIAM, 615 Columbia Drive.
COX, HARRY A., 215 Elm Street.

PIEDMONT

BROWN, ULYSSES G., 32 Arbor Dr.
COLLINS, MERTON C., 82 Fairview Avenue.

FORT BAKER

BELL, CHARLES LAMBERT.

PALO ALTO

GILL, G. F., 550 Forrest Avenue.
WELLS, JAS. BERTRAND, 846 Lyton Avenue.
WING, CHAS. B., 345 Lincoln Ave.

No. California County and City Engineers

ALAMEDA, Carl Froerer.
ALAMEDA CO., Wallace B. Boggs.
ALBANY, U. R. Grey.
ANTIOCH, John S. Bates.
ARCATA, Hal C. Acheson.
ATHERTON, James S. James.
ATWATER, W. E. Bedesen.

BAKERSFIELD, Joseph Holfelder.
BELMONT, Robert Klassen.
BENICIA, Phil R. Jones.
BERKELEY, Harry Goodridge.
BURLINGAME, Cecil L. Longson.
BUTTE COUNTY, Bert Paxton.

CALAVERAS CO., Oliver C. Wyllie.
CALISTOGA, Clyde C. Kennedy.
CHICO, Frank Robinson.
CONCORD, John S. Bates.
CONTRA COSTA CO., J. W. Barkley.

DALY CITY, Robert Klassen.
DAVIS, Alexander M. McKinnon.
DEL NORTE CO., H. M. Malpas.
DOS PALOS, W. E. Bedesen.

EL CERRITO, R. R. Randall.
EMERYVILLE, Geo. T. Oliver.
EUREKA, Geo. S. Winzler.
EXETER, Irvin M. Althouse.

FAIRFIELD, John Burnham.
FRESNO COUNTY, A. J. Nielsen.

GILROY, W. J. Hanna.

HANFORD, Walter K. Hopkins.
HAYWARD, J. A. Mancini.

KERN COUNTY, J. R. Thornten.
KING CITY, H. F. Cozzens.
KINGS COUNTY, J. H. Hayes.

LIVERMORE, C. G. Clarke.
LIVINGSTON, W. E. Bedesen.
LODI, Clinton Henning.
LOS BANOS, W. E. Bedesen.
LOS GATOS, L. Cedric Macabee.

MANTECA, John S. Bates.
MARIN COUNTY. C. P. Clow.
MARTINEZ, Frank B. Sarles.
MARYSVILLE, F. H. Divver, Jr.
MENLO PARK, Edwin Smith.
MERCED, G. E. Winton.
MERCED CO., W. E. Bedesen.
MILL VALLEY, Al Siemer.
MODESTO, Frank J. Rossi.
MONTEREY, Howard Severance.
MONTEREY CO., H. F. Cozzens.
MOUNTAIN VIEW, M. C. Christensen.
NAPA, H. A. Harrold.
NAPA COUNTY, E. P. Ball.
OAKLAND, Walter N. Frickstad.
OROVILLE, S. J. Norris.

PACIFIC GROVE, Alfred D. Coons.
PALO ALTO, Fabian S. Miller.
PASO ROBLES, Hal Johnson.
PETALUMA, S. Gonzales.
PINOLE, Ross Calfee.
PITTSBURG, E. L. O'Hara.
PLACER COUNTY, John A. Shields.
PORTERVILLE, Irvin H. Althouse.

REDDING, A. H. Ross.
REDWOOD CITY, R. A. Klassen.
RICHMOND, E. A. Hoffman.

SACRAMENTO, Fred J. Klaus.
SACRAMENTO, E. A. Fairbairn.
SALINAS, Donald Davies.
SAN BRUNO, C. L. White.
SAN CARLOS, R. A. Klassen.
SAN FRANCISCO, R. G. Wadsworth.
SAN JOAQUIN CO., J. B. Manthey.
SAN JOSE, Harold J. Flannery.
SAN LEANDRO, Chas. P. Martin.
SAN MATEO, Harold Porter.
SAN MATEO CO., M. A. Grant.
SAN RAFAEL, Raymond A. Boege.
SANTA CLARA, Edgar C. Schott.
SANTA CLARA CO., R. D. Chandler.
SANTA CRUZ, Robert Jennings.
SANTA CRUZ CO., A. B. Baldwin.
SANTA ROSA, Walter F. Adams.
SHASTA COUNTY, Ernest Breuning
SEBASTOPOL, Walt Adams.
SISKIYIU COUNTY, A. F. Parrott.
SOLANO COUNTY, J. R. Burnham.
SONOMA CO., Marshall M. Wallace.
SONORA, B. H. Maynard.
SOUTH SAN FRANCISCO, Charles T. Broughton.
STANISLAUS CO., G. D. Macomber.
STOCKTON, Lyle Payton.
SUISUN, F. A. Steiger.
SUNNYVALE, H. N. Bishop.
SUSANVILLE, M. J. Tilley.
SUTTER CO., Edward Von Geldern.
TEHAMA CO., Chas. A. Luning.
TRACY, John S. Bates.
TULARE, John Boardman.
TULARE CO., T. Wayne Switzer.
TURLOCK, Don Davis.
TULARE, John Boardman.
VALLEJO, T. D. Kilkenney.
VISALIA, Norman A. Huth.
WILLOWS, R. D. Thomas.
WOODLAND, Asa G. Proctor.
YOLO COUNTY, Henry Von Dorsten
YREKA, Howard O'Connor.

ADVANCE CONSTRUCTION REPORTS

Bid Opening Schedule

BUILDING PROJECTS

Bid Opening Date	Project	Location of Project	Noted in Issue
3-30—	—Factory	Long Beach	3-27
3-30— 4 P.M.	—Warehouse	Santa Rosa	3-26
3-30—10:00 A.M.	—Dormitory	Lubbock, Texas	3-12
4- 1—10:00 A.M.	—Residences	Davis Dam, Arizona-Nevada	2-27
4- 1— 2 P.M.	—Painting	San Francisco	3-26
4- 1— 4 P.M.	—Electrical Work	Oakland	3-27
4- 2— 8:00 P.M.	—School	Stockton	3- 4
4- 2— 3:00 P.M.	—Tank	San Francisco	3- 8
4- 2— 2:00 P.M.	—Painting	Kingman, Ariz.	3-13
4- 2— 8:05 P.M.	—Fire Drill Tower	Alameda	3-21
4- 2— 2:00 P.M.	—Painting	Kingman, Ariz.	3-14
4- 2— 2:00 P.M.	—Interior Painting	Tucson, Ariz.	3-18
4- 2— 2:00 P.M.	—Painting	Kellogg, Idaho	3-18
4- 3— 2:00 P.M.	—Elevator	San Francisco	3-18
4- 3— 2:00 P.M.	—Painting	Globe, Ariz.	3-18
4- 3— 2:30 P.M.	—Painting	San Francisco	3-18
4- 3—10:00 A.M.	—Generators	Central Valley Project	3-12
4- 3— 1:45 P.M.	—Anemostats	San Francisco	3-28
4- 3— 2 P.M.	—Elevator Doors	San Francisco	3-22
4- 8— 2 P.M.	—Paint Fence	San Francisco	3-22
4- 4—10:00 A.M.	—Cottages	Hungry Horse Project, Mont.	3-18
4- 4— 2 P.M.	—Roof Leaders	San Francisco	2-25
4- 5—11 A.M.	—Painting	San Diego	3-27
4- 8—11 A.M.	—Courthouse	San Rafael	3-27
4- 9—3:00 P.M.,	Cottage	Benicia	3-25
4- 9—10 A.M.	—Radio Range Sta	San Diego	3-26
4- 9— 2:00 P.M.	—Dismantling	Oakland	3-28
4-10— 2 P.M.	—Window Guards	Sacramento	3-22
4-10— 2 P.M.	—Elevator Cables	Oakland	3-22
4-10— 2 P.M.	—Entrance Switch	Oakland	3-22
4-10—	—Office	Richmond	3-22
4-12—11 A.M.	—Power House	Fort Peck, Mont.	3-22
4-12—	—Office	Richmond	3-25
4-18—10:00 A.M.	—Residences	Minidoka Project, Idaho	3-18
4-24— 2:00 P.M.	—Hoistway Doors	Prescott, Ariz.	3-18
4-24— 2:00 P.M.	—Elevator Doors	Yakima, Wash.	3-18
4-15—10 A.M.	—Dam Project	Arizona-Nevada	3-25
4-23—10 A.M.	—Office Bldg.	Burley, Idaho	3-27

ENGINEERING PROJECTS

Bid Opening Date	Project	Location of Project	Noted in Issue
3-29— 2 P.M.	—Rock Surfacing	Idaho State	3-25
3-29— 2:00 P.M.	—Gate Frames	Davis Dam, Arizona-Nevada	3- 1
3-29— 5:00 P.M.	—Ally	Sacramento	3-14
3-29— 5:00 P.M.	—Alley Paving	Sacramento	3-13
3-29— 2:00 P.M.	—Roadway	Idaho State	3-19
4- — 3 P.M.	—Airport	San Francisco	3-22
4- 1— 3:00 P.M.	—Lighting Lane	Seattle, Wash.	3-15
4- 1— 2:00P.M.	—Canal	Grass Valley	3-11
4- 1—	Drainage Improvements	San Rafael	3- 8
4- 1—	—Bridge	San Rafael	3- 8
4- 1— 8:00 P.M.	—Dam	Cutler City, Ore.	3-21
4- 1— 3 P.M.	—Landing System	Eugene, Oregon	3-26
4- 2— 3:00 P.M.	—Cast Iron Mains	San Francisco	3-20
4- 2— 2 P.M.	—Sewer	Tracy	3-26
4- 2— 2:00 P.M..	Needle Valves	Denver, Colo.	2-13
4- 2—10 A.M.	—Highway	Washington State	3-25
4- 2— 8:05 P.M.	—Street	Alameda	3-21
4- 3—10:00 A.M.	—Earthwork	Altus Project, Oklahoma	3- 1
4- 3—5:30 P.M.	—Water Mains	Contra Costa County	3-22
4- 3—10:00 A.M.	—Earthwork	Altus Project, Oklahoma	3- 8
4- 3— 2:00 P.M.	—Highway	Kern County	3-12
4- 3— 2:00 P.M.	—Surfacing	Shasta County	3-12
4- 4— 2:30 P.M.	—Dam	Fort Gibson Project, Oklahoma	3- 8
4- 4— 2:00 P.M.	—Drilling	Yolo County	3-20
4- 4—10:00 A.M.	—Road	Otera County, N. M.	3-21
4- 4— 9 A.M.	—Regrading	Harney Co., Ore.	3-27
4- 4— 9 A.M.	—Highway	Jefferson, Wasco Cos., Ore.	3-27
4- 4— 9 A.M.	—Excavation	Klamath Co., Ore.	3-27
4- 4— 9 A.M.	—Grading	Lane Co., Ore.	3-27
4- 4— 9 A.M.	—Highways	Lincoln Co., Ore.	3-27
4- 4— 9 A.M.	—Bridge	Polk Co., Ore.	4-27
4- 4— 9 A.M.	—Pile Trestle Spans	Tillamook Co., Ore.	3-27
4- 4— 9 A.M.	—Grade Separation	Washington Co., Ore.	3-27
4- 4— 9 A.M.	Viaduct	Washington Co., Ore.	3-27
4- 5—11 A.M.	—Highway	Santa Cruz Co., Ariz.	3-27
4- 5—10 A.M.	—Dam	Boise Project, Idaho	3-22
4- 5—10 A.M.	—Road	Otero County, N. M.	3-25
4- 8—1:30 P.M.	—Waterworks	Lower Lake	3-22
4- 8—10:00 A.M.	—Canal	Central Valley Project	3-18
4- 8—10:00 A.M.	—Transmission Line	Missouri Basin Project, Wyo.	3-19
4- 8 —2 P.M.	—Paddock Fencing	San Francisco	3-25
4- 8—10 A.M.	—Bridge	Marin County	
4- 8—10 A.M.	—Relief Wells	Fort Peck, Mont.	3-27
4- 8— 1 P.M.	—Switching Station	Muroc	3-27
4- 8—10:00 A.M.	—Airway	Needles, Ariz.	3-13
4- 8—10:00 A.M.	—Airway	Needles, Ariz.	3-14
4- 9—11 A.M.	—Restor. of Site	Eureka	3-27
4- 9— 1 P.M.	—Culvert	Oakland	3-27
4- 9— 2 P.M.	—Bars	Odair, Wash.	3-27
4- 9—10 A.M.	—Transformers	El Centro	4-25
4- 9—11:00 A.M.	—Dam	Caddoa, Colo.	3- 5
4- 9—10:00 A.M.	—Distribution Line	The Dalles, Ore.	3-20
4- 9— 2 P.M.	—Grassing	San Bruno	3-26
4- 9—10:00 A.M.	—Dredging	San Diego	3-28
4- 9— 3:00 P.M.	—Airport	San Francisco	3-28
4-10—10:00 A.M.	—Earthwork	Central Valley Project	3-28
4-10— 2:15 P.M.	—Highway	Humboldt County	3-28
4-10—1:30 P.M.	—Highway	Lyon Co., Nev.	3-27
4-10—7:30 P.M.	—Floodlight Field	Red Bluff	3-27
4-10—10:00 A.M.	—Earthwork	Central Valley Project	3-20
4-10—10:00 A.M.	—Excavating	Los Angeles	3- 6
4-10— 2:00 P.M.	—Highway	Kern County	3-12
4-10— 2:00 P.M.	—Highway Grading	Kern County	3-13
4-10— 2:00 P.M.	—Highway	Kern County	3-14
4-10—10:00 A.M.	—Earthwork	Klamath Project, Ore.-Calif.	3-15
4-10— 2:00 P.M.	—Bridge	Contra Costa County	3-19
4-10— 2:00 P.M.	—Surfacing	Lassen County	3-19
4-10— 2:00 P.M.	—Surfacing	Siskiyou County	3-19
4-10— 2:00 P.M.	—Reinforcing Base	Humboldt County	3-19
4-10—10 A.M.	—Earthwork	Central Valley Project	3-26
4-11— 8 P.M.	—Pipe	Hillsborough	3-26
4-11— 2:00 P.M.	—Highway	San Diego County	3-12
4-12— 5 P.M.	—Street	Sacramento	3-27
4-15—10 A.M.	—Earthwork	Altus Project, Okla.	3-27
4-15—10:00 A.M.	—Earthwork	Columbia Basin Project, Wash.	3-15
4-15—11:00 A.M.	—Bridge	Contra Costa County	3-21
4-15—10 A.M.	—Dam	Fort Peck, Mont.	3-25
4-15—11 A.M.	—Transmission Line	Kern County	3-26
4-15— 3 P.M.	—Landing System	Billings, Mont.	3-26
4-16—10 A.M.	—Avenues	Los Angeles County	3-26
4-16—10:00 A.M.	—Canal	Balmorhea Project, Texas	3-18
4-16—10 A.M.	—Earthwork	Tucumcari Proj., N. M.	3-22
4-16— 2 P.M.	—Levee Constr.	Sacramento	3-27
4-17— 2:00 P.M.	—Tug Boat	San Francisco	3-20
4-17—10 A.M.	—Reservoir	Boise Project, Idaho	3-25
4-17— 2 P.M.	—Highway	Siskiyou County	3-26
4-18— 2 P.M.	—Highways	Los Angeles	3-26
4-18—10:00 A.M.	—Canal	Central Valley Project	3-18
4-18— 2:00 P.M.	—Bridges	San Diego County	3-19
4-25— 2:00 P.M.	—Dredging	Suisun	3-19
4-26—	—Dam	Colorado Project, Colorado	3-28

SUPPLIES AND EQUIPMENT

Bid Opening Date	Project	Location of Project	Noted in Issue
3-29— 2:00 P.M.	—Garbage Dispensers	San Francisco	3-18
3-29— 2:00 P.M.	—Tanks	San Francisco	3-18
3-29— 2:00 P.M.	—Conductor	Louise, Ariz.	3-18
3-29— 2:00 P.M.	—McLeod Tools	San Francisco	3-19
3-29— 2:00 P.M.	—Conductor	Emmett, Idaho	3-19
3-29— 3:00 P.M.	—Steel Car Wheels	San Francisco	3-19
3-29— 3:00 P.M.	—Springs	San Francisco	3-19
3-29—	—Asphalt	Sacramento	3-27
3-29— 3 P.M.	—Trucks	Marin County	3-27
4-30— 2 P.M.	—Trashrack	Central Valley Project	3-22
4-30— 2:00 P.M.	—Turbines	Missouri Basin Project, Wyo.	3-28
4- 1—10 A.M.	—Tamping Machine	Monterey	3-27
4- 1— 2 P.M.	—Transformers	Boise Project, Idaho	3-27
4- 1—	—Acetone	Panama Canal	3-27
4- 1— 2:00 P.M.	—Power Shovel	Siskiyou County	3-28
4- 1— 2:00 P.M.	—Dump Trucks	Siskiyou County	3-28
4- 1— 2:00 P.M.	—Cement	Sacramento	3-20
4- 1— 2:00 P.M.	—Pole Band	Casper, Wyo.	3-20
4- 1— 2:00 P.M.	—Aluminum	Medicine Bow, Wyo.	3-20
4- 1— 2:00 P.M.	—Conductor	Cody, Wyo.	3-20
4- 1— 2:00 P.M.	—Fir Poles	Fort Peck, Mont.	3-20
4- 1— 2:00 P.M.	—Annunciator Groups	Boulder Canyon Project	3-20
4- 1— 2:00 P.M.	—Louvers	Central Valley Project	2-19
4- 1— 3:00 P.M.	—Athletic Goods	San Francisco.	3-21
4- 1— 8:00 P.M.	—Sewage Ejector	Merced	3-21
4- 1— 2:00 P.M.	—Gas Pumps	San Francisco	3-19
4- 1— 2:00 P.M.	—Mess Kit Equip.	San Francisco	3-12
4- 2— 4:00 P.M.	—Cafeteria Equipment	Oakland	3-20
4- 3— 2:00 P.M.	—Cedar	Socorro, N. M.	3-20
4- 3— 7:30 P.M.	—Transicoaches	South San Francisco	3-18
4- 3— 2:00 P.M.	—Testing Machines	Denver, Colo.	3-20
4- 3—10:00 A.M.	—Generators	Central Valley Project	3-13
4- 3— 2:00 P.M.	—Dam	Parker Dam Power Project	3-12
4- 3— 2:00 P.M.	—Telephone Apparatus	Rio Grande Project, N. M.	3- 7
4- 3—10:00 A.M.	—Steel Pipe	Berkeley	3-21
4- 3— 2 P.M.	—Excavator	Oakland	3-22
4- 3— 2 P.M.	—Cedar	Davis Dam, Ariz.	3-22
4- 3—5:30 P.M.	—Steel Wire	Wiota, Mont.	3-22
4- 3—5:30 P.M.	—Cast Iron Pipe	Orinda	3-22
4- 3— 8 P.M.	—School Bus	Sacramento County	3-22
4- 3—	—Billets	Panama Canal	3-27
4- 3—	—Gate Valves	Panama Canal	3-27
4- 3— 8:00 P.M.	—School Bus	Courtland	3-28
4- 4— 2:00 P.M.	—Turbine Pump	San Francisco	3-28
4- 4— 2:00 P.M.	—Crystals	San Francisco	3-21
4- 4— 2 P.M.	—Ttransmission	Sunnyside, Wash.	3-25
4- 4— 8 P.M.	—Street Sweeper	Rio Vista	3-27
4- 4— 2 P.M.	—Elec. Equip.	Missouri Basin Proj., Wyo.	3-26
4- 4— 2 P.M.	—Cement	Concord	3-26
4- 5— 2 P.M.	—Piles	Odair, Wash.	3-26
4- 5— 2 P.M.	—Concrete Bars	Blair, Okla.	3-26
4- 5— 5 P.M.	—Hydrants	Sacramento	3-27
4- 5— 3 P.M.	—Floor Grinder	San Francisco	3-25

ENGINEERING SECTION

(Continued from Page Five)

3.8 MILES GRADING, ETC., MERCED COUNTY

MERCED COUNTY, Cal.—Gunnar Corp., 5575 Valley Blvd., Los Angeles, at $415,297 submitted low bid to the State Division of Highway, G. T. McCoy, state highway engineer, Public Works Building, Sacramento, for about 3.8 miles grading and paving with portland cement concrete and constructing four bridges between Black Rascal Canal and Buhach Sta., Merced County.

The work involves:

(1) 810 cu. yds. remove concrete;
(2) 200 sta. clearing and grubbing;
(3) 15,500 cu. yds. roadway excavation;
(4) 2550 cu. yds. structural excavation;
(5) 8200 cu. yds. ditch and channel excavation;
(6) 50,000 sq. yds. compact original ground;
(7) 112,000 cu. yds. imported borrow, type A;
(8) 20,000 cu. yds. imported borrow, type B;
(9) 46,000 sq. yds. subgrade treatment;
(10) develop water supply and furnish water equipment;
(11) 7700 M gallons apply water;
(12) 200 sta. finish roadway;
(13) 8300 tons crusher run base;
(14) 68 tons liquid asphalt SC-2 prime coat and penetration treatment;
(15) 90 cu yds. sand prime coat;
(16) 50 tons asphaltic emulsion paint binder, armor coat and seal coat;
(17) 625 tons screenings armor coat and seal coat;
(18) 2400 tons minimum aggregate plant mix surfacing;
(19) 120 tons paving asphalt plant mix surfacing;
(20) 250 lin. ft. raised bars;
(21) 10,400 cu. yds. portland cement concrete pavement;
(22) 7500 each tie bolt assemblies;
(23) 1980 cu. yds. class A portland cement concrete structures;
(24) 7770 lin. ft. furnish concrete piles
(25) 210 each drive piles;
(26) 175 cu. yds. broken concrete riprap;
(27) 7 cu. yds. portland cement concrete curbs;
(28) 25 each monuments;
(29) 1530 lin. ft timber bridge railing;
(30) 225 lin. ft. timber headwall railing;
(31) 300 lin. ft. move and reconstruct existing guard railing;
(32) 20 each culvert markers and guide posts;
(33) 1.4 miles new property fence, type A;
(34) 0.1 mile new property fence, type B;
(35) 6 each drive gates;
(36) 40 lin. ft. 30-in. reinforced concrete pipe, standard strength;
(37) 108 lin. ft. 36-in. reinforced concrete pipe, standard strength;
(38) 322 lin. ft. 12-in. CMP, 16-gage;
(39) 1070 lin. ft. 18-in. CMP, 16-gage;
(40) 40 lin. ft. 24-in. CMP, 14-gage;
(41) 104 lin. ft. 24-in. CMP siphon, 14-gage;
(42) 5 each field joints for siphons;
(43) 7 each drainage gates;
(44) 448 lin. ft. salvage existing pipe culverts;
(45) 138 lin. ft relay salvage CMP culverts;
(46) 380,000 lbs. furnish bar reinforcing steel;
(47) 380,000 lbs. place bar reinforcing steel;
(48) miscellaneous items of work.

Total bids follow:

(A) Gunnar Corp., Los Angeles, $415,297.00.
(B) Marshall S. Hanrahan, Redwood City, $458,135.80.
(C) N. M. Ball and Lew Jones Constr. Co., Berkeley, $477,077.25.
(D) Fredrickson & Watson Constr. Co., Oakland, $485,368.55.
(E) Guy F. Atkinson Co., San Francisco, $498,397.20.
(F) A. Teichert & Son, Sacramento, $504,864.00.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)	(F)
(1)	$ 4.30	$ 2.00	$ 2.00	$ 4.25	$ 7.50	$ 6.00
(2)	25.00	50.00	42.00	12.00	12.50	42.00
(3)	.50	.50	.25	.40	.33	.35
(4)	1.70	2.00	3.25	2.75	2.00	2.30
(5)	.70	.45	.55	.50	.70	.75
(6)	.05	.10	.03	.06	.03	.05
(7)	.65	.80	.77	.77	.77	.75
(8)	.65	.80	.73	.55	.70	.65
(9)	.32	.35	.46	.40	.45	.35
(10)	1500.00	2000.00	2000.00	1200.00	3750.00	2500.00
(11)	1.20	1.50	1.50	1.40	1.90	1.50
(12)	10.00	10.00	10.00	10.00	10.00	10.00
(13)	2.50	2.70	3.20	3.20	3.60	3.50
(14)	20.00	16.00	16.50	24.00	22.50	24.00
(15)	5.00	2.75	5.15	6.50	6.25	6.00
(16)	28.00	25.00	22.50	31.00	25.00	35.00
(17)	4.00	3.50	4.10	5.00	5.00	5.00
(18)	5.00	4.25	4.50	4.75	5.50	5.10
(19)	16.00	16.00	17.00	16.70	18.00	19.50
(20)	1.00	1.50	1.00	1.15	.95	1.00
(21)	9.50	10.50	10.50	11.75	11.50	12.20
(22)	.50	.60	.65	.60	.65	.60
(23)	30.00	32.50	41.50	43.00	42.00	45.00
(24)	1.80	1.00	2.50	2.25	2.20	2.20
(25)	80.00	85.00	58.00	67.00	75.00	65.00
(26)	9.00	10.00	12.00	7.00	18.00	8.00
(27)	40.00	50.00	40.00	40.00	44.00	35.00
(28)	5.00	5.00	4.00	4.00	4.50	4.50
(29)	2.50	3.50	2.50	2.00	2.20	3.50
(30)	2.00	3.50	2.25	1.75	3.00	2.50
(31)	1.50	2.50	2.50	2.35	1.90	2.00
(32)	4.00	3.00	3.00	3.00	4.50	4.50
(33)	800.00	750.00	700.00	930.00	1500.00	1000.00
(34)	900.00	850.00	750.00	1000.00	1375.00	1100.00
(35)	50.00	65.00	35.00	50.00	35.00	40.00
(36)	6.50	4.70	6.00	5.00	7.00	6.00
(37)	8.50	6.10	6.50	6.50	9.00	8.00
(38)	1.50	1.50	1.50	1.40	1.85	1.50
(39)	2.00	2.25	2.10	2.00	2.50	2.20
(40)	3.50	3.50	3.40	3.00	4.75	3.30
(41)	4.00	4.50	3.50	3.50	4.75	3.50
(42)	15.00	12.00	12.50	14.00	35.00	20.00
(43)	30.00	32.50	35.00	23.00	45.00	30.00
(44)	1.00	1.25	1.00	1.15	1.25	1.00
(45)	1.00	1.25	1.00	1.15	1.25	1.00
(46)	.05	.04	.045	.043	.05	.045
(47)	.012	.03	.01	.02	.02	.015
(48)	2500.00	1500.00	3500.00	2500.00	2400.00	1800.00

20.4 MILES PAVING, SISKIYOU COUNTY

SISKIYOU COUNTY, Calif.—Clements & Co., and Milo A. Brown, Box 277, Hayward, at $166,885 submitted low bid to State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for about 20.4 miles in length to be surfaced with imported borrow base and plant mix surfacing, portions, between Weed and Yreka, in Siskiyou County.

Total bids follow:

The work involves:

(1) 52,200 tons import borrow base;
(2) develop water supply and furnish water equipment;
(3) 1500 M gallons apply water;
(4) 253 sta. finish roadway;
(5) 2000 tons fine screenings, seal coat;
(6) 1350 tons coarse screenings, seal coat;
(7) 290 tons paving asphalt, seal coat;
(8) 100 tons liquid asphalt, SC-2, prime coat;
(9) 880 tons paving asphalt, plant mix surfacing;
(10) 14,200 tons minimum aggregate, dense graded plant mix surfacing;
(11) 4250 tons minimum aggregate open graded plant mix surfacing;
(12) 30 tons liquid asphalt, RC-2, tack coat and choker;
(13) 350 tons minimum aggregate chocker.

Total bids follow:

(A) Clements & Co., and Milo A. Brown, Hayward, $166,885.
(B) E. B. Bishop, Orland, $174,004.50.
(C) Frederickson Bros., Emeryville, $189,463.
(D) W. C. Railing, Redwood City, $201,107.
(E) J. P. Brennan, Redding, $249,676.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$ .95	$ .88	$ .86	$ 1.01	$ 1.98
(2)	1000.00	400.00	500.00	1000.00	5000.00
(3)	1.50	1.50	3.00	2.00	1.00
(4)	10.00	8.00	12.00	10.00	15.00
(5)	5.00	4.00	6.70	5.00	6.00
(6)	5.00	4.00	7.50	5.00	5.50
(7)	23.50	26.85	28.00	30.00	28.00
(8)	23.50	24.00	27.00	30.00	22.00
(9)	19.50	20.85	23.00	25.00	21.00
(10)	3.20	4.30	4.15	4.65	4.50
(11)	4.50	4.30	4.50	5.00	5.00
(12)	30.00	30.00	40.00	50.00	30.00
(13)	8.50	3.50	7.70	7.50	5.00

BID OPENING SCHEDULE

SUPPLIES AND EQUIPMENT

Bid Opening Date	Project	Location of Project	Noted in Issue
4- 5— 2:00 P.M.	—Inlet Covers	San Francisco	3-21
4-15— 2:00 P.M.	—Steel Siding	Columbia Falls, Montana	3-21
4- 5— 2:00 P.M.	—Telephone Line Fuses	San Francisco	3-19
4- 5— 2:00 P.M.	—Electrical Equip.	Davis Dam Project, Arizona	2-28
4- 3—10:00 A.M.	—Generators	Central Valley Project	3-14
4- 8— 2 P.M.	—Screw Jack	San Francisco	3-26
4- 8— 2 P.M.	—Elec. Equip.	Parker Dam Project	3-26
4- 8— 2 P.M.	—Cedar	Casper, Wyo.	3-26
4- 8— 2 P.M.	—Reinf. Bars	Odair, Wash.	3-26
4- 8— 3:00 P.M.	—Water Meters	San Francisco	3-28
4- 9— 2:00 P.M.	—Cedar	Emmett, Idaho	3-28
4- 9— 2:00 P.M.	—Glass Blocks	Odair, Wash.	3-28
4- 9— 2:00 P.M.	—Reinforcing Bars	Odair, Wash.	3-28
4- 9— 2 P.M.	—Steam Boiler	Sharp Park	3-26
4- 9— 2:00 P.M.	—Gates	Central Valley Project	3- 5
4- 9— 1 P.M.	—Kerosene	Oakland	3-27
4- 9— 2 P.M.	—Cedar	Louise, Ariz.	3-27
4-10— 2:00 P.M.	—Cedar	Yakima, Wash.	3-28
4-10— 2:00 P.M.	—Cedar	Cody, Wyo.	3-28
4-10— 2:00 P.M.	—Cedar	Columbia Falls, Mont.	3-28
4-10— 2:00 PM.	—Elevator	Grand Coulee Dam, Wash.	3-12
4-10—10 A.M.	—Sand	Yakima, Wash.	3-26
4-10— 2 P.M.	—Mats	San Francisco	3-26
4-10— 2 P.M.	—Oil Circuit Breaker	Parker Dam Proj., Ariz.	3-26
4-11— 2 P.M.	—Forks	San Francisco	3-22
4-11— 2 P.M.	—Shaft	Yakima Project, Wash.	3-22
4-12— 2 P.M.	—Office Supplies	San Francisco	3-22
4-12— 3:00 P.M.	—Plants	San Francisco	3-28
4-12— 3:00 P.M.	—Architectural Blocks	San Francisco	3-28
4-14— 2:00 P.M.	—Pumping Units	Missouri Basin Proj., Wyoming	3- 1
4-15— 2:00 P.M.	—Transformers	Kendrick Project, Wyo.	3-20
4-15— 2:00 P.M.	—Pumps	Columbia Basin Project, Wash.	3- 6
4-15— 2:00 P.M.	—Cranes	Columbia Basin Project, Wash.	3-12
4-15— 2 P.M.	—Elec. Equip.	Rio Grande Proj., N. M.	3-22
4-15— 2 P.M.	—Elec. Equip.	Colo.-Big Thompson, Colo.	3-26
4-16— 2:00 P.M.	—Water Hose	San Francisco	3-28
4-16— 2:00 P.M.	—Pumping Units	Central Valley Project	3-12
4-17— 2 P.M.	—Cement Silo	Columbia Basin Proj., Wash.	3-22
4-18— 2:00 P.M.	—Steel Pipe	Yakima Project, Washington	3-21
4-19— 2:00 P.M.	—Doors	Columbia Basin Project, Wash.	3-19
4-19— 2:00 P.M.	—Gates	Central Valley Project	3-19
4-19— 2 P.M.	—Storage Tanks	Columbia Basin Proj., Wash.	3-22
4-22— 2:00 P.M.	—Gate Hoists	Davis Dam Project, Arizona	3-20
4-22— 2:00 P.M.	—Coaster Gates	Columbia Basin Project, Wash.	3-20
4-24— 2:00 P.M.	—Drum Gates	Central Valley Project	3- 5
4-23— 2:00 P.M.	—Gates	Boise Project, Idaho	3- 7
4-24— 2:00 P.M.	—Pipe	Columbia Basin Project, Wash.	3 8
4-24— 2P.M.	—Ttelephone Appar.	Shoshone Proj., Wyo.	3-27
4-24— 2 P.M.	—Vertical Shaft	Shoshone Proj., Wyo.	3-27
4-24— 2 P.M.	—Crane	Colorado River Project	3-27
4-29—11 A.M.	—Transformers	Pasadena	3-26
4-29— 2 P.M.	—Elec. Equip.	Central Valley Project	3-26
5- 1— 2:00 P.M.	—Tank	Columbia Basin Project, Wash.	3-28
5- 6— 2 P.M.	—Hollow-jet Valves	Boise Project, Idaho	3-26

BRIDGE, MENDOCINO COUNTY

MENDOCINO COUNTY, Calif.—Fred Fredenburg, 1717 Garibaldi Avenue, Temple City, at $40,069 submitted low bid to the State Division of Highways, G. T. McCoy, state highway engineer, Public Wks Bldg. Sacramento, for construction of a reinforced concrete slab bridge on concrete pile bents and about 0.12 mile of grading and surfacing approaches with road mix and applying seal coat thereto at Dooley Creek, one mile east of Hoplan, Mendocino County.

Work involves:

(1) remove existing bridge;
(2) clear and grubb;
(3) 900 c.y. rdwy. excav.;
(4) 250 c.y. struc. excav.;
(5) 3,250 c.y. imported borrow;
(6) 325 c.y. imported base material, type A;
(7) 675 c.y. do, type B;
nish water equipment;
(9) 100 M. gals. apply water;
(10) obliterating detour;
(11) 7 sta. finish rdwy.;
(12) 4 tons liq. asph. SC-2, prime coat
(13) 11 tons liq. asph. SC-3 or -4, road mix surf.;
(14) 140 c.y. min. agg. road mix surf.
(15) 1,600 sq. yds. mix and compact road mix surf.;
(16) 2 tons liq. asph. RORC-5, seal coat;
(17) 16 c.y. screenings, seal coat;
(18) 270 c.y. Class A portland cement concrete struc.;
(19) 248 l.f. timber bridge railing;
(20) 1,260 l.f. furnish concrete piles;
(21) 36 each drive do;
(22) 55 c.y. sacked conc. riprap;
(23) 64 l.f. 24-in. CMP culvert, 14 gage;
(24) 64 l.f. salvage and haul 24-inch CMP;
(25) 3 each guide posts;
(26) 0.15 mile new property fence;
(27) 8 each monuments;
(28) 61,000 lbs. furnish bar reinf. steel;
(29) 61,000 lbs. place do;
(30) misc. tems of work.

Total bids follow:

(A) Fred Fredenburg, Temple City, $40,069.
(B) Mercer-Fraser Co., Eureka, $40-420.00.
(C) Fred J. Maurer & Son, Eureka, $41,300.
(D) Erickson, Phillips and Weisberg, Oakland, $43,055.30.
(E) Kiss Crane Co., $47,128.50.

Unit prices follow:

	(A)	(B)	(C)	(D)	(E)
(1)	$1950.00	$1500.00	$2500.00	$1250.00	$4945.00
(2)	550.00	500.00	300.00	520.00	500.00
(3)	1.00	1.00	1.00	.93	1.00
(4)	2.00	4.00	6.00	3.20	2.00
(5)	2.00	1.00	1.00	.70	1.50
(6)	3.50	4.50	2.00	6.80	3.00
(7)	2.50	2.50	2.00	2.75	2.50
(8)	450.00	250.00	500.00	1000.00	500.00
(9)	1.50	2.00	2.50	3.25	3.00
(10)	300.00	200.00	500.00	375.00	300.00
(11)	41.00	15.00	20.00	30.00	15.00
(12)	75.00	40.00	40.00	43.00	75.00
(13)	40.00	27.00	40.00	42.00	50.00
(14)	7.00	5.00	5.00	6.22	6.00
(15)	.10	.10	.50	1.00	.25
(16)	75.00	50.00	40.00	68.50	100.00
(17)	7.00	7.00	5.00	10.45	12.00
(18)	30.00	45.00	42.00	42.00	50.00
(19)	3.00	3.50	4.00	3.90	3.50
(20)	2.50	2.20	3.00	3.70	2.50
(21)	140.00	112.00	85.00	86.00	150.00
(22)	18.00	20.00	20.00	24.65	30.00
(23)	4.00	3.50	3.50	4.90	4.00
(24)	1.50	1.00	1.00	1.40	2.50
(25)	4.00	6.00	5.00	4.30	10.00
(26)	1500.00	1200.00	800.00	1500.00	1000.00
(27)	4.00	6.00	5.00	5.75	5.00
(28)	.04	.06	.045	.05	.04
(29)	.02	.02	.02	.03	.015
(30)	1210.00	1500.00	25[illegible]00	1000.00	500.00

33—BRIDGES

....March 15, 1946
3/29/46 •• 3 3
BIDS OPENED

LAKE COUNTY, Calif.—Fred J. Maurer & Son, 3031 E St., Eureka, at $193,725 submitted low bid to the State Division of Highways, G. T. McCoy, state highway engineer, Public Works Bldg., Sacramento, for the construction of a structural steel girder bridge and approaches across Kelsey Creek at Kelseyville, Lake County.

The work involves:

(1) 6 acres clearing and grubbing;
(2) 12,500 cu. yds. roadway excavation;
(3) 900 cu. yds. structure excavation, type A;
(4) 290 cu. yds. structure excavation, type B;
(5) 115 cu. yds. ditch and channel excavation;
(6) 90,000 sta. yds. overhaul;
(7) 12,000 sq. yds. compact original ground;
(8) 1820 cu. yds. imported base materail, type A;
(9) 2100 cu. yds. imported base material, type B;
(10) develop water supply and furnish water equipment;
(11) 465 M gallons apply water;
(12) 31 sta. finish roadway;
(13) 12 tons liquid asphalt SC-2 prime coat;
(14) 650 cu. yds. minimum aggregate road mix surfacing;
(15) 50 tons liquid asphalt MC-3, 4- or 5 road mix surfacing;
(16) 9200 sq. yds. mix and compact road mix surfacing;
(17) 12 tons liquid asphalt RORC-5 seal coat;
(18) 110 cu. yds. screenings seal coat;
(19) 260 cu. yds class A portland cement concrete footing blocks;
(20) 675 cu. yds. class A portland cement concrete structures;
(21) 782 lin. ft. concrete railing;
(22) 641,000 lbs. furnish structural steel;
(23) 641,000 lbs. erect structural steel;
(24) 2525 lin. ft. furnish steel piles;
(25) 101 each drive steel piles;
(26) 10 each steel pile splices;
(27) 96,000 lbs. furnish bar reinforcing steel;
(28) 96,000 lbs. place bar reinforcing steel;
(29) 110 cu. yds. sacked concrete riprap;
(30) 16 each monuments;
(31) 19 each guide posts; ¼
(32) 56 lin. ft. 18-in. CMP, 16-gage;
(33) 100 lin. ft. 10-in. metal irrigation pipe;
(34) 2 each concrete pipe joints;
(35) 5300 sq. yds. obliterating existing road;
(36) 75 lin. ft. metal plate guard railing;
(37) remove existing bridge;
(38) miscellaneous items of work.

Total bids follow:

(A) Fred J. Maurer & Son, Eureka, $193,725.
(B) Kiss Crane Co., San Pablo, $196,723.63.
(C) Guy F. Atkinson Co., South San Francisco, $247,553.25.

Unit prices follow:

	(A)	(B)	(C)
(1)	$ 150.00	$ 75.00	$ 250.00
(2)	.60	.50	.85
(3)	11.00	2.50	5.00
(4)	3.50	3.00	4.00
(5)	1.50	2.00	2.50
(6)	.01	.005	.02
(7)	.10	.08	.10
(8)	2.50	2.00	3.00
(9)	2.50	1.75	2.50
(10)	1000.00	500.00	1000.00
(11)	1.50	2.00	2.25
(12)	20.00	15.00	12.00
(13)	40.00	40.00	38.00
(14)	5.00	2.00	7.50
(15)	35.00	30.00	35.00
(16)	.10	.08	.20
(17)	40.00	30.00	38.00
(18)	8.00	7.00	8.00
(19)	22.00	33.00	32.00
(20)	40.00	45.00	73.00
(21)	4.00	6.50	7.00
(22)	.09	.065	.125
(23)	.045	.04	.035
(24)	2.25	1.50	2.50
(25)	50.00	150.00	90.00
(26)	20.00	25.00	20.00
(27)	.045	.04	.06
(28)	.02	.02	.02
(29)	20.00	25.00	27.00
(30)	5.00	5.00	4.00
(31)	4.00	5.00	4.00
(32)	2.50	3.00	3.00
(33)	1.50	1.50	2.00
(34)	10.00	100.00	30.00
(35)	.10	.08	.32
(36)	3.00	10.00	6.00
(37)	7760.00	15,000.00	6500.00
(38)	1500.00	15,000.13	2000.00

34—DAMS, RESERVOIRS & DREDGING

3/28/46 34
BIDS POSTPONED

BOULDER CANYON PROJECT.—Until April 15, 10 A. M. (postponed from April 8th), bids will be received by the U. S. Bureau of Reclamation, Yuma, Ariz., under Spec. 1195 for the construction of earthwork, canal lining and structures, stations 5725+00 to 6106+06, Coachella Canal, All-American Canal System, Boulder Canyon Project, Arizona-California-Nevada. The work is situated in the vicinity of Indio, Calif.

The principal items of work and the estimated quantities involved are as follows:

Schedule No. 1

(1) 396,500 cu. yds. excavation for canal;
(2) 220,000 cu. yds. excavation for drainage channels and dikes;
(3) 44,000 cu. yds. excavation for structures;
(4) 64,000 cu. yds. compacting embankments;
(5) trimming 201,400 sq. yds. foundations for concrete lining;
(6) 800 cu. yds. compacted subbase;
(7) 30,000 cu. yds. backfill about structures;
(8) 13,000 cu. yds. compacting backfill;
(9) 12,800 cu. yds. backfill at top of concrete lining;
(10) 19,000 cu. yds. riprap;
(11) constructing 330 cu. yds. reverse filter;
(12) 50 cu. yds. pit-run gravel blanket
(13) 4200 cu. yds. concrete in structures;
(14) 9800 cu. yds. concrete in unreinforced lining;
(15) 9800 cu. yds. concrete in reinforced lining;
(16) placing 610,000 lbs. reinforcement bars;
(17) placing 287,500 lbs. reinforcement fabric in canal lining;
(18) placing 1500 sq. ft. elastic filler material in joints;
(19) placing 820 lin. ft. rubber water stop in joints;
(20) erecting 112 M ft. b.m. timber in structures;
(21) laying 392 lin. ft. 12-in. diameter concrete pipe;
(22) laying 168 lin. ft. 18-in. diameter concrete pipe;
(23) laying 280 lin. ft. 24-in. diameter concrete pipe;
(24) laying 96 lin. ft. 36-in. diameter concrete pipe;
(25) laying 40 lin. ft 12-in. diameter asbestos-cement pipe;
(26) jacking 80 lin. ft. 84-in. diameter concrete pipe under railroad;
(27) installing 6800 lbs. screw-lift gates;
(28) installing 18,000 lbs. radial gates;
(29) installing 20,000 lbs. radial-gate hoists and operating and control mechanisms;
(30) installing 6500 lbs. metal water stops in joints;
(31) installing 3200 lbs. miscellaneous metal work;
(32) placing 65 cwt. bituminous material in float drums;
(33) installing 360 lin. ft. electric metal conduits;
(34) installing 50 lbs. ground wires.

Schedule No. 2

(1) 410,000 cu. yds. excavation for canal;
(2) 220,000 cu. yds. excavation for drainage channels and dikes;
(3) 44,000 cu. yds. excavation for structures;
(4) 64,000 cu. yds. compacting embankments;
(5) trimming and preparing 208,400 sq. yds. foundations for asphaltic-concrete lining;
(6) 800 cu. yds. compacted subbase;
(7) 30,000 cu. yds. backfill about structures;
(8) 13,000 cu. yds compacting backfill;
(9) 12,800 cu. yds. backfill at top of asphaltic-concrete lining;
(10) 19,000 cu. yds. riprap;
(11) constructing 330 cu. yds. reverse filter;
(12) 50 cu. yds. pit-run gravel blanket
(13) 4200 cu. yds. concrete in structures;
(14) 208,400 sq. yds. asphaltic-concrete course for canal lining;
(15) 2100 tons of asphalt for asphaltic-concrete;
(16) 170 tons asphalt for seal treatment;
(17) placing 610,000 lbs. reinforcement bars;
(18) placing 1130 sq. ft. elastic filler material in joints;
(19) placing 820 lin. ft. rubber water stop in joints;
(20) erecting 112 M ft. b.m. timber in structures;
(21) laying 392 lin. ft. 12-in. diameter concrete pipe;
(22) laying 168 lin. ft 18-in. diameter
(23) laying 280 lin. ft. 24-in. diameter concrete pipe;
(24) laying 96 lin. ft. 36-in. diameter concrete pipe;
(25) laying 40 lin. ft. 12-in. diameter asbestos-cement pipe;
(26) jacking 80 lin. ft. 84-in. diameter concrete pipe under railroad;
(27) installing 6800 lbs. of screw-lift gates;
(28) installing 18,000 lbs. radial gates;
(29) installing 20,000 lbs. radial-gate hoists and operating and control mechanisms;
(30) installing 6500 lbs. metal water stops in joints;
(31) installing 3200 lbs. miscellaneous metal work;
(32) placing 65 cwt. bituminous material in float drum;
(33) installing 360 lin. ft. electrical metal conduits;
(34) installing 50 lbs. ground wires.

Copies of the standard forms and of the specifications may be obtained from the following offices of the Bureau of Reclamation: Walker R. Young, chief engineer, U. S. Custom House, Denver 2, Colo.; E. A. Moritz, regional director, Administration Bldg., Boulder City, Nev.; J. K. Rohrer, acting construction engineer, Yuma, Ariz., and Michael W. Straus, commissioner, Bureau of Reclamation, Washington 25, D. C. Prospective bidders desiring to visit the site of the work should communicate with the acting construction engineer.

No charge to prospective bidders for copies of the specifications and drawings; to others, $2.50 per copy, not returnable.

Prospective Bidders

Inner Breawater, Crescent City Harbor, Calif.

BIDS: U. S. Engineer Offce, 74 New Mnotgomery St., San Francisco; Serial No. 04-203-46-6; April 10, 2 P. M.

Macco Constr. Co., Freight and Ferry Sts., Oakland.
Fredrickson & Watson Constr. Co., 873—81st Ave., Oakland.
Basalt Rock Co., Inc., 900 8th St., Napa.
Ben C. Gerwick, Inc., 112 Market St., San Francisco.
Piombo Bros. & Co., 1571 Turk St., San Francisco.
Heafey-Moore Co., 344 High St., Oakland.
Healy-Tibbitts Constr. Co., 1100 Evans Ave., San Francisco.
Duncanson-Harrelson Co., deYoung Bldg., San Francisco.

D-S Canal Extension, Etc., Grass Valley, Calif.

BIDS: Nevada Irrigation District, Grass Valley, April 1, 2 P. M. Plans by Consulting Engineers Blackie & Wood, 544 Market St., San Francisco.

Wixson & Crowe, Box 799, Redding.
C. M. Syar, Box 1431, Vallejo.
Draper & Adams, 315 Walnut St., Red Bluff.
George F. Grant, Visalia.
Nevada Construction Co., Reno, Nev.
C. Dudley De Velbiss, Eastshore and Huntington Ave., Richmond.
A. R. McEwen, Box 1017, Sacramento.
Chittenden & Chittenden, Box 246, Auburn.
E. E. Lowell, Box 148, Vallejo.
Michael O'Hair, Box 278, Colusa.
Barney H. Stoutenberg, Hawthorne, Nev.
M. J. Ruddy & Son, 922 Jay St., Modesto.
Andrew Bryne, Nevada City.
D. Gerald Bing, 2440 Marshall Way, Sacramento.
J. P. Breen, Box 183, Sacramento.
George F. French, Box 307, Stockton.
Fred W. Kocider, Colusa.
Miles & Bailey.
S. A. Marshall, 2653 13th St., Sacramento.
E. T. Haas Co., Box 411, San Mateo.
Shinnock Co.
Huntington & Huntington.
H. Earl Parker, 12th and F Sts., Marysville.
A. Teichert & Son, Box 1133, Sacramento.
Baker Corfu.
R. M. Taylor, Box 207, Cottonwood.
George E. Murray, 1702 E. Mariposa Rd., Stockton.
William A. Smith Co.
F. E. Young, 599 Colusa Ave., Berkeley.
J. E. Reeves, Box 1072, Sacramento.
J. E. Johnson.
Peter Sorensen, 927 Arguello St., Redwood City.
Walsh & Pacretti.
R. A. Farish, 50 Hawthorne St., San Francisco.
Mark C. Walker, 412 First National Bank Bldg., Santa Ana.
A. H. Famularo, 2740 W. 1st St., Santa Ana.
W. H. Brown, 1123 Clora Place, El Monte.
J. Henry Harris, 2657 9th St., Berkeley.
George R. Stacy, 1021 H St., Sacramento.
T. Henderson, 407 S. Pine St., San Gabriel.
W. H. Danough.
W. A. Davis Jr.
Del R. Beebe.

Office and Shop uilding, Oroville, Calif.

BIDS: Mercury-Register, 1835 Robinson St., Oroville, March 28, 4 P. M. Plans prepared by Architect E. Geoffrey Bangs, 605 Market St., San Francisco.

Dawson Construction Co., 1453 Huntoon St., Oroville.
Unifried & Son, Route 3, Box 69A, Oroville.
Robert Taylor, Box 665, Oroville.
Ellis W. Barker Co., 302-303 Ness Bldg., Salt Lake City, Utah.

Ferry Building Additions, San Francisco, Calif.

BIDS: Board of State Harbor Commissioners, Ferry Bldg., San Francisco, April 4, 2 P. M.

Metropolitan Constr. Co., 111 Montgomery St., San Francisco.
Fred J. Eearly, Jr., 369 Pine St., San Francisco.
Monson Bros., 475 Sixth St., San Francisco.
S. J. Amoroso Constr. Co., 2100 Oakdale Ave., San Francisco.

Building Permits, Contracts---Recorded Notices

BUILDING PERMITS Applications

SAN FRANCISCO

DWELLINGS (1-story frame) (7), $5800 each; S Noriega 32.6 E 29th Ave; NE 40th Ave and Ortega; E 40th Ave 25, 50, 75 N Ortega; E 44th Ave 125, 150 N Moraga; owner and builder, Marvel Home Builders, 1815 42nd Ave.

DWELLING (1-story frame), $5800; SE 29th Ave and Noriega; owner and builder, Marvel Home Builders, 1815 42nd Ave.

DWELLINGS (1-story frame) (8), $5300 each; W Head 213, 238, 263, 288 S Garfield; E Victoria 288, 313, 338, 363 S Garfield; owners and builders, F C Frank and E Vignati, 4645 Mission St.

DWELLING (1-story frame), $5300; E 29th Ave 68 S Noriega; owner and builder, Marvel Home Builders, 1815 42nd Ave.

DWELLINGS (1-story frame) (4), $4500 each; SE Porter St and Benton Ave; E Porter 25 S Benton; owner and builder, Gilbert L Plov, 395 Monterey Blvd.

ALTER COCKTAIL BAR, $2836; 1068 Hyde St; owner, Nelson Hawks, prem; builder, Moore & Madsen, 365 Dorantes Ave; plans by Reddick H Bickel, 582 Market St.

ALTER STORE and OFFICE BLDG., $2500; NE 3r dand Mission; owner, B Blumenthal, 68 Post St; builder, Phoenix-Simpton Co, 520 6th St.

ALTER DWELLING, $975; 26 Montezuma St; owner, Helen Prasso, 555 Ramsell St; day work.

ELECTRIC SIGN, $900; 105 Taylor St; owner, T Bayairedes, premises; builder, Neon Maintenance Corp, 755 Davis St.

ELECTRI CSIGN, $890; 942 Market; owner, Mr Lippett, prem; builder, Brumfield Electric Sign, 965 Folsom

SHOP AND OFFICE (1-story frame), $800; S Lawton 75 E 27th Ave; owner and builder, Emile Solve, 862 42nd Ave.

ALTER STORE, $800; 98 Market; owner, John Harris, prem; builder, G P W Jensen & Sons, Inc, 320 Market; architect, J Lloyd Conrich, 593 Market St.

ALTER STORE, $800; 720 Post St; owner, Hotaling Estate, 580 Market; builder, G P W Jensen & Sons, Inc, 320 Market; architect, Bliss & Fairweather, 580 Market St.

ELECTRIC SIGN, $650; 444 O'Farrell St; owner, D C Lawrence, 755 Davis; builder, Neon Maintenance Corp, 755 Davis St.

ELECTRIC SIGN, $663; 479 Broadway; owner, Adelio Micor, prem; builder, Neon Maintenance Corp, 755 Davis St.

ELECTRIC SIGN, $600; 901 Taraval; owner, N J Lipsett, prem; builder, Neon Maintenance Corp, 755 Davis.

RETAINING WALL, $500; E 45th Ave 175 N Santiago; owner and builder, M J King, Inc, 231 Franklin.

ALTER OFFICES, $500; NE corner Mission and 20th; owner, Granat's, 2390 Mission; builder, Ed Rosemont, 176 Duboce Ave.

ALTER APARTMENTS, $500; 1101 Filbert; owner and builder, Margaret Douglas, 1439½ Sacramento.

BUILDING PERMITS Granted

SAN FRANCISCO

MARCH 26-27, 1946

PROP ceiling and cover with insulation tile, cover walls with insulation board, re-cover and finish bar to, replace front with glass brick, replace all doors, refinish asphalt tile floor and install ventilation system, etc, in tavern, $4200; 846 Divisadero St; owners, Geo Sargenti and Wm Palmer; plans by G S Clark, 359 Corbett Ave; contractor, Cramer Co, 354 Vermont.

DWELLINGS, eight 2-story frame, (3) at $9800 each, (5) at $10,000 each; SW Cor 33rd Ave and Irving St; W 33 rd Ave 25, 50, 75, 100, 125, 150 S Irving; S Irving 57.6 W 33rd Ave; owner and builder, Henry Doelger Bldr, Inc, 320 Judah St; plans by owner.

REMODEL store, $5000; SW Corner Haight and Stanyan Sts; owner, The Hotaling Est; architect, Bliss Fairweather, Edgar B Hurt; contractor, Swinerton and Walberg Co, 225 Bush St.

ALTER and remodel garage warehouse, $235,000; 115 Battery Street; owner, Robert Dollar; architects, Meyer & Evers, Kohl Bldg; contractor, Swinerton & Walberg, 225 225 Bush St.

ADD shed to mfg bldg, $500; 3030 20th St; owner and builder, Variety Sausage Co, Inc.

DWELLING, 2-story and basement, $13,000; N California 77 E Laguna; owner, Milton H Lees; contractor, Oliver M Rousseau, 725 Tehama St.

DWELLINGS, four 2-story fr, $10,000 each; W 18th Ave 150 S Judah; E 8th Ave 150 S Irving; E 17th Ave 50 N Kirkham; E 11th Ave 175 S Irving; owner and builder, Henry Doelger Bldr, Inc, 320 Judah St; plans by owner.

BUILD mezzanine and office space to store, $1000; 337-341 Golden Gate Ave; owner, Bert Browning and Harry Sarter; architect, O A. Deichmann; contractor, Ideal Serv. Co, 370 4th St.

REMODEL restaurant, $2000; 1220 Market St; owner, Geo Atos; contractor, J A Gordon, 252 Chattanooga St.

DWELLING, 3-story fr, $20,000; S Marina Blvd 150 E Divisadero St; owner, Henry G Donner; architect, Loyd Conrich, 558 33rd Ave; contract not let.

MARCH 28, 1946

REMODEL store and offices with carpentry, concrete, brick, iron, plastering, etc, $15,000; NE Corner 7th Ave and Clement St; owner, Quality Flower Shop; plans by Leonard S Mosias, 255 California.

ADD mezzanine floor and new stairs to music store, $500; 2220 Chestnut St; owner, A Johnson; contractor, Frank Yick, 670 Washington Street.

CLASS C freight terminal, $118,000; 675 Brannan St; owner, Oregon-Nevada-Calif Fast Freight; architect, W D Peugh, 333 Montgomery St; engineer, same; contractor, Carrico & Gautier, 365 Ocean.

DWELLINGS, two 2-story frame, $9000 each; E 17th Ave 356, 382 N Judah St; owner and builder, United Housing Corp, 2701 Judah St.

TEAR down part of present store front and rebuild with two doors, tile base and two plate glasses on each side, $500; 1475 Pine Street; owner, W C Uhde; contractor, S A Giustl & Co, 200 Green St.

LINK TRAINER, 1-story fr, $1700; W Mission 250 N Cuvier; owner and builder, James B Herlihy.

LEVEL floor, remodel toilet rooms, install wood and glass partition, and paint loft bldg, $6000; 676 Mission St; owner, Dan T Cassidy; architect, C A Steiner, 101 Post; engineer, I Thompson, 58 Sutter; contractor, Henry Arian Constr Co 4142 Geary Blvd.

DROP first floor level, new addition from sidewalk to be used as restaurant for first floor and residence for 2nd, $3500; 1628 Post St; owner, Gertrude Armstrong; architect, G A Berger.

ERECT two stairways and doors of commercial bldg, $500; 310-318 4th St; owner and contractor, P Borra.

ALTER furnace room in theatre, $1-800; 24th and York Sts; owner, General Theatrical Co; architect, O A Deichmann, 1026 Market St; contractor, A J Hopper, 243 Langton Street.

INSTALL flooring and partitions in basement of flats, $750; 518 Anza St; owner, L C Eddy; contractor, E J Adams, 2546 27th Ave.

INSTALL one set of stairs, $800; 391 Geary St; owner, Independent Cigar Stores Co; contractor, John N Jansan, 523 Judah St.

STORAGE, 1-story frame, $1000; N Minna 375 W 7th St; owner, Calif Bldg Mtce Co; plans by Luigi Dallorso, 32 Jansen St.

BUILD office partitions and fitting rooms for shop, $5000; 225 Post St; owner, Carolyn Kelsey; contractor R C McBride, Jr, 2212 Polk St; plans by contractor.

WAREHOUSE, 1-story fr, $5000; S Portola Dr 80 W Teresita Blvd; owner, M Pommon; architect B K Dobkowitz

REMODEL four stores into one, relocate present staircase entrance and make addl staircase to second floor, $12,000; 420-428 Sutter St; lessee, Nicholas Johnston.

OAKLAND

APTS, 2-story 16-room, $12,500; 2157-59-61-63 76th Ave; owner and contractor, Dorothy Conrad, 741 7th St, Hayward; plans by D Stegmen, Lafayette; also garage, $840.

FACTORY, 1-story concrete, $50,000; 1000-04 42nd St; owner, General Interiors Constr, 1123 24th St; contractor, Maxwell Reid, 959 35th St.

ALTERATIONS, $750; 580 14th St; owner, J E Pellitier, 666 17th St; contractor, J J Grodem, 1617 Fernwood Dr.

DWELLINGS, ten, 1-story 5-room, $4500 each; 307-321-327 Catron Dr; 207-215-219 Bergedo Dr; 235-248-249-327 Bergedo Dr; owner, McGah & O'Shea; contractor, Ray Towers, 2508 Benvenue Ave, Berkeley.

ALTER, $1200; 1906 24th Ave; owner, Geo S Smith, prem; contractor, R N Hughes, 2501 7th Ave.

ALTER apts, $1855; 1741-41A 10th Ave; owner, B & Y Smith, 1741 10th Ave; contractor, C A Williams 258 2t8h St.

DWELLING, 1-story 5-room, $8,000; 5907 Mazuela Dr; owner and contractor, O W Johnson, 5506 Thornhill Drive.

MACHINE Shop, 1-story, $3500; 2628 Poplar St; owner, General Die Casting Co, prem; contractor, P Delucchi & Son, 5441 Claremont.

ALTER apt, $1100; 5420-22 Telegraph Ave; owner and contractor, W C P Blumert, 42 Nace Ave.

SIGN, electric, $500; 9328 E 14th St; owner, Peoples Furniture Store, prem; contractor, Western Neon Co, 3001 Chapman St.

SIGN, electric, $850; 816 E 14th St; owner, J H Martsolf, prem; contractor, Western Neon Co, 3001 Chapman St.

SAN MATEO COUNTY (Unincorporated)

RESIDENCE, $16,000; Lot 15, Block 20, Toyon Way, Highlands of Emerald Lake; owner, Elmont R Baylis; builder, P O Lind, 1819 Bayview Ave, Belmont.

RESIDENCE, $6000; Lots 3 to 5, Block 10, Cedar St, Menlo Heights; owner and builder, R D West, 1509 B St, San Mateo.

RESIDENCE, $20,000; 9 acres, Portola Rd, Greersburg School District; owner and builder, L M Cipollina, Portola Rd, Woodside.

RESIDENCE, $6500; Lot 9, Block 9, Columbia Ave, Dumbarton Park; owner and builder, C E O'Donnell Co, 2135 El Camino Real, Redwood City.

RESIDENCES (6), $9000 each; Lot 18, Block 7; Lot 1, Block 6; Lot 2, Block 6; Lot 1, Block 8; Lot 26, Block 8; Lot 27, Block 8, Oakwood Place, Belle Haven City; owner and builder, D D Bohannon, 859 San Mateo Dr, San Mateo.

RESIDENCES (8), $5000 each; ptn Lot 1, Block 3, 15th Ave; ptn Lot 1, Block 3, 15th Ave; ptn Lot 1, Block 3, Hoover Ave; ptn Lot 1, Block 3, Hoover Ave; ptn Lot 1, Block 3, Hoover Ave; ptn Lot 1, Block 3, Hoover Ave; ptn Lot 1, Block 3, Hoover Ave, Friendly Acres No 2; Lots 43 and 44, Block 23, Fair Oaks Ave, North Fair Oaks; owner and builder, Barrett & Hilp, 918 Harrison St, San Francisco.

BERKELEY

ALTERATIONS, $1500; 2728 Channing; owner, Sherril W Hall, 2728 Channing; builder, Mason & McDuffie, 2101 Shattuck.

ADDITION, $1500; 2137 Prince; owner, Jens Gielow, 2137 Prince; builder, Wm J Kahn, 2137 Prince.

DWELLING, $9800; 480 Vincente; owner, James Schon, 1226 9th St; builder, Adams Construction, 2649 Benvenue.

ADDITION, $2500; 755 Euclid; owner, B Crowther, 755 Euclid; builder, W Vernon Bernard, 5815 Leono St.

DUPLEX, $7500; 1532-34 Juanita; owner, C D McKeon, 16th and Taraval, San Francisco; builder, McKeon Construction, 16th and Taraval, San Francisco; plans by builder

APARTMENT (4-unit), $14,000; 1508 Sacramento; owner, C D McKeon, 16th and Taraval, San Francisco; builder, McKeon Construction, 16th and Taraval, San Francisco; plans by builder.

DWELLING (6-room), $10,000; 45 Alta Rd; owner and builder, Capt Herman R Hewelke, 494 Cragmont.

ADDITION, $1500; 1315 Santa Fe; owner and builder, E W Trousdale, 1816 Virginia.

MEN'S CLOTHING STORE, $110,000; 2526-40 Bancroft; owner, University YMCA, 2227 Union; builder, J M Bartlett; architects, Miller & Warnecke.

DUPLEX, $7500; 1551-53 Juanita; owner, C D McKeon, 16th and Taraval, San Francisco; builder, McKeon Construction, 16th and Taraval, San Francisco; plans by builder

DUPLEX, $7500; 1545-47 Keoncrest; owner, C D McKeon, 16th and Taraval, San Francisco; builder, McKeon Construction, 16th and Taraval, San Francisco; plans by builder

APARTMENT (4-unit), $14,000; 1504 Sacramento; owner, C D McKeon, 16th and Taraval, San Francisco; builder, McKeon Construction, 16th and Taraval, San Francisco; plans by builder.

SHOP, $6000; 742 Folger; owner, Otto De Balo, 4407 Moraga Ave, Oakland; builder, J C Petersen, 342 31st Ave, San Mateo; plans by Soule Steel Co.

GARAGE, $1000; 1166 Grizzly Peak; owner, A Carlini, premises; builder, A Garnero.

DEMOLISH, $750; 2526-32 Bancroft; owner and demolisher, University YMCA, 2526-32 Bancroft.

DUPLEXES (2), $7500 each; 1329-31 Cedar, 1388-1400 Tomlee; owner, C D McKeon, 16th and Taraval, San Francisco; builder, McKeon Construction, 16th and Taraval, San Francisco; plans by builder.

APARTMENT (4-unit), $14,000; 1516 Sacramento; owner, C D McKeon, 16th and Taraval, San Francisco; builder, McKeon Construction, 16th and Taraval, San Francisco; plans by builder.

SACRAMENTO

DWELLING (6-room, frame, brick veneer, wood shingles), $7500; 700 McClatchy Way; owner and builder, T E Johnston, 2517 F St.

REMODEL basement for apartment, $2500; owner and builder, W J Miller Jr, 2324 Castro Way.

DWELLINGS (5-room, stucco, wood shingles), $6500 each; 4617, 4609 and 4601 V St; owner and builder, Roy Hess, 2725 13th St.

REMODEL BUILDING, $1000; 907 V St; owner and builder, C F Garrett, 910 V St.

DWELLINGS (5-room, stucco, wood shingles) (3), 3335 Kroy Way, 3357 Kroy Way, 3317 Kroy Way; owner, F W Brown, 1209 Robertson Way; builder, Paul Opdkye, 4928 Folsom Blvd.

DWELLING (5-room, stucco, wood shingles), $6000; 3403 Kroy ay; owner, F W Brown, 1209 Robertson Way; builder, Paul Opdyke, 4928 Folsom Blvd.

DWELLING (5-room, stucco, wood shingles), $7000; 3371 Kroy Way; owner, F W Brown, 1209 Robertson Way; builder, Paul Opdyke, 4928 Folsom Blvd.

SACRAMENTO COUNTY

DWELLING (5-room), $5000; Lot 3, Wright & Kimbrough Tract No 36; owner and builder, Hart S Flanagan.

DWELLING (5-room), $6000; ptn Lot 4, Block B, North Sacramento Subdivision No 5; owner and builder, Lew B Parrish, 21st and Del Paso, North Sacramento.

SERVICE STATION (steel), $4000; Lot 99, Camelia Park Addition; owner and builder, Eagle Oil & Refining Co, 2200 5th St.

DWELLING (5-room), $3000; S ½ Lot 44, Section 28, Rancho Del Paso; owner and builder, Alvin Jones.

DWELING (4-room), $2000; N of S ½ Lot 44, Section 28, Rancho Del Paso; owner and builder, Glen Keith.

DWELLING (6-room frame, stucco), $6000; Lot 30, Mariemont Tract; owner and builder, S R Griffin.

DWELLING (5-room frame), $2000; Lot 11, Norwood Acres, North Sacramento; owner and builder, Romeo Pompii, 2566 18th St.

SERVICE STATION, $12,000; NW cor Stockton Blvd, Franklin-Elkgrove Rd; owner and builder, Union Oil Co, Commercial and Broadway.

DWELLING (5-room frame), $6500; ptn Lot 105, Carmichael Colony; owner and builder, L E Matthews, 444 Barrett Ave, North Sacramento.

DWELLING (3-room rustic), $3060; ptn Lots 213 and 215, Carmichael Colony No 2; owner, Ray T Coughlin, Carmichael; builder, J F Butts.

SOUTH SAN FRANCISCO

BUILDING (steel frame, 50x126 ft.), $25,000; E Grand Ave; owner, W P Fuller & Co, E Grand Ave; builder, Swinerton & Walberg, 225 Bush St, San Francisco; structural engineer, Kaj Theill, 580 Market St, San Francisco.

BUILDING (brick, 50x136 ft.), $50,000; E Grand Ave; owner, W P Fuller & Co, E Grand Ave; builder, Swinerton & Walberg, 225 Bush St, San Francisco; structural engineer, Kaj Theill, 580 Market St, San Francisco.

DWELLINGS (10), $6500 each; Parkway Terrace; owner, Jas A Whiteside, Oakland; builder, Lawrence H Smith, Burlingame; architect, Guy L Rosebrook, 1701 San Leandro Blvd, San Leandro.

BUILDING (steel frame, 45x100 ft.), $6000; Railroad Ave; owner, Telford L Smith, 48 Atlantic Ave, San Bruno

FRESNO

STORE, $60,000; 353 Olive; owner and builder, Mark's Merchandise Mart.

WAREHOUSE, $40,000; 3045 Hamilton; owner, Republic Supply Co; builder, Trewhitt, Shields & Fisher.

ADD TO STORES, $25,437; 1028 Martin; owner, Wm Comachia; builder, Harris Construction Co.

OFFICE, $16,000 2525 Blackstone; owners, D F Holden and R A Hunt; builder Henry Rosenthal.

DWELLING AND GARAGE, $7000; 2103 Michigan; owner, C B Sturges.

CAFE, $5000; 223 Broadway; owner, Roy Hill; builder, Wm Dame Co.

ALTER STORE, $2000; 4233 E Tulare; owner, J M Winton; builder, Trewhitt, Shields & Fisher.

ADD TO STOCKROOM, $2000; 311 Belmont; owner, Garo Showcase.

DWELLING (temporary), $1800; 4130 Grant; owner, A L Parker.

ADD TO DWELLING, $1000; 652 Collins; owner, Mrs H Huerta.

ALTER DWELLING, $800; 540 McKinley; owner, Stanley B Harvey; builder, A Jarensen.

ADD TO DWELLING, $700; 333 L St; owner, A Zakarian.

Plumbing Permits

OAKLAND

2426 14th Ave; owner, Melvin Clark; dealer, Cleaners' Exchange; 2 gas outlets.

922 Webster St; owner, Pioneer Beverage Co; dealer, Durant; 5 fixtures.

2053-59-63 Mountain Blvd; owner, Pause; dealer, Finzel; 14 fixtures; 4 gas outlets.

966 81st Ave; owner, Blue Bird Potatoe Chief Co; dealer, Finzel; 3 fixtures.

10443 Pippin St; owner, L Moore; dealer, Geo Campbell; 1 fixture.

3820 Grove St; owner, Josephs; dealer, W E Ruf; 9 fixtures; 2 gas outlets.

2833 25th Ave; owner, H Edwards; dealer, E Lawless; 2 fixtures.

4278 Detroit Ave; owner, ...; dealer, E Lawless; 2 fixtures.

6146 Ocean View; owner, Doughtey & McGaie; dealer, Al Ferriera; 12 fixtures; 3 gas outlets.

6264 Claremont; owner, Rugg; dealer, Aladdin Heating; 3 gas outlets.

3870 Telegraph Ave; owner, Senator Theater; dealer, Aladdin Heating; 2 gas outlets.

1522 18th Ave; owner, Martin; dealer, J A Rankin; 4 fixtures.

944 46th St; owner, Storey; dealer, J A Rankin; 1 fixture.

10007 San Leandro Blvd; owner, J Armstrong; dealer, A Pineo; 6 fixtures.

6264 Claremont Ave; owner, Renger; contractor, P Moffitt; 2 gas op.

5752 Foothill Blvd; owner, ...; contractor, Wm Souza; 2 pl.

3266 Fruitvale Ave; owner, Jack Lee; contractor, F Planer; 3 gas op.

2780-82 Park Blvd; owner, Heraty; contractor, J A Fazio; 16 pl fix; 6 gas op.

2792-94 Park Blvd; owner, Heraty; contractor, J A Fazio; 16 pl fix; 6 la; contractor, J A Fazio; 4 pl fix; 2 gas op.

10329 Foothill Blvd; owner, Thiel; contractor, H Lass; 5 pl fix; 3 gas op. gas op.

2786-88 Park Blvd; owner, Heraty; contractor, J A Fazio; 16 pl fix; 6 gas op.

3918 Foothill Blvd; owner, Joe Vil-

BERKELEY

1914 Virginia; owner, ...; dealer, M J Schmitt; sink.

2535 Buena Vista; owner, F Carmody; dealer, P H Blake; 2 water closets; 2 wash basins; 2 showers.

1827 San Pedro; owner, Miller; dealer, Berkeley Plumbing; water closet; wash basin; bath tub.

1530 Julia; owner, ...; dealer, Berkeley Plumbing; 15 outlets.

2122 Ashby; owner, Reeves; dealer, Ehret Plumbing; wash basin; bath tub; sink; wash tub.

1443 Santa Fe; owner and dealer, V Severy; sink.

1345 Park; owner, ...; dealer, Scott Co; sink.

48 Shattuck Ave; owner, Low Cost Drug Co; dealer, Harry Clark; sink; 3 drains.

1217 Cornell; owner, ... dealer, Richmond Plumbing; water closet; wash basin.

1224 Oxford; owner, ...; dealer, Redmond Plumbing; bath tub; sink.

Furnace Permits

OAKLAND

5264 Calaveras Ave; owner, Anger; dealer, Atlas Htg & Vent Co; central furnace.

2033 42nd Ave; owner, Mattock; dealer, Demonte; floor.

Completion Notices

ALAMEDA COUNTY

Recorded Accepted

Mar 28, 1946—LOTS 13, 14, 15, 16 and 17 Blk 14, Map No 6 Regents Park, Albany. May E and Harold W Olson to Hans C Jensen.. ....March 23, 1946

Mar 28, 1946—LOT 247, Block C, Fernside. Jay H Wynestock to S J Dowling........March 1, 1946

Mar 27, 1946—PTN BLK 39, town of Encinal and lands adj. Ford H Thomason and Victor H Richit to Victor H Richit........Mar 25, 1946

Mar 27, 1946—1632 103rd AVE, Oakland. Jack Riker to Elvin Van Ness........March 18, 1946

Mar 26, 1946—938 E 28th ST. Jas E Haynes to Wendt Constr Co... ....March 25, 1946

Mar 27, 1946—LOTS 33, 34 and 35 Tract 717, San Leandro. Sol and Nettie M Scherman to whom it may concern........March 19, 1946

Mar 27, 1946—LOT 68 and ptn Lot 69, Melrose Highlands, Oakland. Cosca Builders, Inc to whom it may concern........March 21, 1946

Mar 27, 1946—LOT 23 and ptn Lot 22, Tract 556, Oakland. Luther H Lincoln to whom it may concern ....March 26, 1946

Liens Filed

ALAMEDA COUNTY

Recorded Amount

Mar 28, 1946—915 PORTAL AVE, Oakland. C V Rogers to Morton J and Thelma Gaba........$1,329.25

Mar 28, 1946—2119 WEST STREET Berkeley. Loop Lumber & Mill Co vs Rose Mason........$656.71

Mar 26, 1946—LOT 19 Resub of Home View Tract, Berkeley. Fred Groves vs M O Winter, Jane Doe Winter and U L Groves........$170

Mar 26, 1946—LOT 19 Resub of Home View Tract, Berkeley. Roy Robert Kirts vs M O and Jane Doe Winter, and U L Groves......$354

Release of Liens

ALAMEDA COUNTY

Recorded Amount

Mar 26, 1946—LOT 8 Blk D, Stanford Tract, Oakland. American Sheet Metal & Roofing Co to F H Tebbe $441.58

Electrical Permits

SAN FRANCISCO

391 815 Battery St; owner, Natl Biscuit Co; contractor, Chas A Langlais Co; 14 outlets; 9 switches; 7 pl.

392 37½ Leland Ave; owner, V Demassi; contractor, Rodiack Elec Constr Co; 8 outlets; 1 switch; 6 pl.

393 2509 Bayshore Blvd; owner, Tower Inn; contractor, Rodiack Elec Constr Co; service.

394 573 O'Farrell; owner, T Libert; contractor, J K Herzog Elec; motor.

395 1360-A Webster Street; owner, Richardson; contractor, Byington Elec; ....

396 1083 Market St; owner, Squires contractor, Byington Elec; 3 outlets; 1 switch.

397-9 Various locations and owners; contractor, Brumfield Electric Sign Co; signs.

400 344 Front St; owner, Biss & Co; contractor, Ace Elec Contr Co; 25 outlets; 6 plugs; service.

401 62 1st St; owner, Bechtel Bros-McCone; contractor, Ace Elec Contr Co; 47 outlets; 4 switches; 14 plugs.

402 W 39th Ave 75 N Irving St; owner, ...; contractor, Strom and Smith; ....

403 E 30th Ave 150 N Ulloa; owner, L T Lund; contractor, Strom and Smith; ....

404 621 Broadway; owner, Smoke Shop; contractor, Chas. Yick; 2 pl.

405 317 Market; owner, Allden; contractor, Bertrand Elec Co; motors; 4 plugs.

406 7th, Irwin and Hubbell; owner, Standard Oil Co; contractor, American Elec Constr Co; 704 outlets; 69 switches; 157 plugs; service; motors.

407 235 Montgomery St, Rm 2800; owner, Russ Bldg; contractor, Beacon Elec Co; 2 outlets.

408 315 8th Ave; owner, Crimo; contractor, Brite-Lite Neon; sign.

409 260 Valley; owner, Driscol; contractor, Weber-Conroy; 4 outlets 4 switches; 6 plugs.

410 621 Market St; owner, Pig'n Whistle; contractor, Buzzell Electric Works; 17 outlets; 3 switches.

411 SE Beale and Howard; owner, Paynes Bolt Works; contractor, Toumey Elec & Engrg Co; motors.

412 231 Clay St; owner, Triangle Elec Motor Mach Co; contractor, Decker Elec Constr Co; alter.

413 585 Mission St; owner, A Sullivan; contractor, Decker Electric Constr Co; 1 outlet; 1 switch; 2 pl; motors.

414 676 Mission St; owner, Cassidy contractor, Crown Elec Co; 16 outlets; 12 switches; 25 plugs.

415 75 3rd St; owner, Bowles Prtg; contractor, Marelco, Inc; 2 switches.

416-17 Various locations and owners; contractor, Neon Sign Service; signs.

BERKELEY

65823 Ashby and College; owner, Elmwood Garage; contractor, H & H Electric; alterations.

65824 San Pablo and Blake; owner and contractor, Foster & Kleiser; sign

65825 San Pablo and S Folger; owner and contractor, Foster & Kleiser; sign.

65826 2113 Shattuck; owner, Golden Crisp Donut Shop; contractor, American Neon Display; sign.

65827 2138 University; owner, Rochester Electric; contractor, American Neon Display; sign.

65828 3034 Benvenue; owner and contractor, Leonard A Doyle; sign.

65829 617 Santa Rosa; owner, E M Blair; contractor, Havens & Wade; 3 outlets; 3 switches; 5 plugs.

65830 168 Hill Rd; owner and contractor, J E Barclay; new service.

OAKLAND

36441 5505 College Ave; owner, A-Z Shop; contractor, Fluoro Electric; fixtures.

36442 1812 E 14th St; owner, Fox; contractor, Shea Electric s;ervice.

36443 1074 75th Ave; owner, Tisher; contractor, Johnston Electric; outlets; switches; fixtures; plugs; saw motors.

36444 7608 Arthur; owner, Tisher; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

36445 3925 Laguna; owner, Dhow; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

36446 315 10th St; owner, Jeffe Bros; contractor, Electric Novelty Shop; fixtures; alterations.

36447 566 53rd St; owner, Crosetti; contractor, White Electric; ....

36448 1465 MacArthur Blvd; owner, Hoogs; contractor, Paramount Electric Co; outlets; switches; fixtures; plugs; alterations.

36449 6647 Bancroft; owner, Havenscourt Market; contractor, Paramount Electric; alterations.

36450 SE 52nd Ave and E 14th St; owner, Lewis Construction Co; contractor, Paramount Electric; fixtures.

36451 NE 5th Ave and E 8th St; owner, Williams; contractor, Paramount Electric; fixtures; plugs.

36452 2546 99th Ave; owner, Pioneer Builders; contractor, Shea Electric Co; outlets; switches; fixtures; plugs.

36453 1363 99th Ave; owner, Crua; contractor, Johnston Electric; outlets; switches; fixtures; plugs.

36454 2242 Magnolia; owner, Russell; contractor, California Electric; motors.

36455 2465 Wilbur; owner, Ungaretti & Son; contrtractor, Clifford Electric; outlets; switches; fixtures; plugs.

36456 438 19th St; owner, Boosters Coffee Shop; contractor, Clifford Electric; fan motors.

36457 3231 Boston; owner, Theodore; contractor, Clifford Electric Co; outlets; switches; fixtures; plugs.

36458 1563 7th St; owner, Neon Engineering Service; contractor, Roberts Lighting Fixture Co; sign.

36459 4206 Piedmont Ave; owner, Neon Engineering Service Co; contractor, Roberts Lighting Fixture Co; sign.

36460 4204 Piedmont Ave; owner, Neon Engineering Service Co; contractor, Roberts Lighting Fixture Co; sign.

36461 3669 Grand Ave; owner, Neon Engineering Service Co; contractor, Roberts Lighting Fixture Co; sign.

36462 3505 Emerson St; owner, Pucetti; contractor, Collins Electric; outlets; switches; fixtures; plugs; alterations.

36463 5631 College Ave; owner, Chimes Market; contractor, Matson Electrical; alterations.

36464 1918 Hoover; owner, Johnson; contractor, Paramount Electric; outlets; switches; fixtures; plugs.

36465 3219 Lakeshore; owner, Cosca & Marquis; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

36466 925 Fruitvale Ave; owner, Glen Merritt; contractor, Fox Electric; alterations.

36467 2117 MacArthur Blvd; owner, Diamond Poultry; contractor, James Anderson; service.

36468 955 107th Ave; owner, Alameda Homes; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

36469 961 107th Ave; owner, Alameda Homes; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

36470 907 107th Ave; owner, Alameda Homes; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

36471 10702 Apricot; owner, Alameda Homes; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

36472 10710 Apricot; owner, Alameda Homes; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs.

36473 9710 D St; owner, Alameda Homes; contractor, Johnston Electric Co; outlets; switches; fixtures; plugs

36474 10716 Apricot; owner, Alameda Homes; contractor, Johnston Electric Co; outlets ;switches; fixtures; plugs.

36475 1417 Willow, owner, Simmons; contractor, Payne & Burks; 10 otuelts; 4 switches; fixtures; 1 plug; service.

36476 730 E 14th St; owner, Beckett & Federighi; contractor, Clifford Electric Co; portable motor.

36477 530 East 16th St; owner, Whiskey's Milk Bar No 2; contractor, Clifford Elec Co; outlets; fixtures; switches; plugs.

36478 NE 59th and Telegraph; owner and contractor, Foster and Kleiser Co; 3 outlets; 1 switch; 3 fixtures.

36479 W Broadway 75 N Garnet; owner and contractor, Foster and Kleiser Co; 3 outlets; 1 switch; 3 fixtures.

36480 NE San Pablo and 34th St; owner and contractor, Foster and Kleiser Co; 3 outlets; 1 switch; 3 fixtures.

36481 E Telegraph 51 N 59th St, owner and contractor, Foster and Kleiser Co; 3 outlets; 1 switch; 3 fixtures.

36482 128 14th St; owner, Chimes Cafe; contractor, C A Langlais; motors.

36483 4018 Piedmont Ave; owner, Doe; contractor, C A Langlais; outlets; fixtures.

36484 1132 7th St; owner, Alaska Salmon Filet Co; contractor, Scott Buttner Elec Co; outlets; switches; fixtures; plugs.

36485 2nd and Broadway; owner, Stolte, Inc; contractor, Del Monte Elec Co; outlets; switches; fixtures; plugs.

36486 4th and Franklin; owner, Stolte, Inc; contractor, Del Monte Elec Co; outlets; switches; fixtures; plugs.

36487 801 69th Ave; owner, East Bay Junk Co; contractor, Del Monte Electric Co; motors.

36488 5249 San Pablo; owner, Lapman Cleaners; contractor, Del Monte Electric Co; outlets; switches; fixtures.

36489 6518 San Pablo Ave; owner, Johnson; contractor, Spott Elec Co; sign.

36490 W Broadway 300 N 30th St; owner, Holmes; contractor, Matson Elec Equip Co; 44 outlets; 33 fixtures; 33 switches; 22 plugs.

36491 5960 Telegraph; owner, R A Shuey; contractor, California El Co; 25-hp. motor.

36492 3022 E 22nd St; owner, Pioneer Bldrs; contractor, Shea Elec Co; outlets; switches; fixtures; pl.

36493 453 Oakmore Road; owner, Pioneer Bldrs; contractor .Shea El Co; alterations .

36494 5319 Grove Street; owner, Amos Nite Club; contractor, T L Rosenberg Co; 5 outlets; 4 switches; alterations.

36495 SE 13th and Harrison; owner, Aahmes Temple; contractor, T L Rosenberg Co; outlets.

36496 2619 E 12th Street; owner, Hammer Bray; contractor, T L Rosenberg Co; 50-hp. motor.

36497 1844 E 12th St; owner, Selznick; contractor, T L Rosenberg Co; motors

3698 SE East 12th and 5th Ave; owner, Bay Cities Asbestos Company; contractor, T L Rosenberg Co; outlets; switches; fixtures; plugs; alterations.

Prospective Bidders

Hazelton Elementary School Addition, Stockton, Calif.

BIDS: Board of Education, Stockton Unified School District, Administration Bldg., Stockton, April 2, 8 P. M. Plans by Architect J. U. Clowdsley, Exchange Bldg., Stockton.

S. C. Giles & Co., 319 Elks' Bldg., Stockton.

S. C. Giles & Co., 319 Elks Bldg., Stockton.

Excavation of Hyperion Activated Sludge Plant Site, Etc., Los Angeles

BIDS: Los Angeles Board of Public Works, 153 City Hall, Los Angeles, April 10, 10 A. M.

Case Construction Co., P. O. Box 109, San Pedro.

Nathan A. Moore, 2951 W. Valley Blvd., Alhambra.

Guy F. Atkinson Co., 1103 E. Garvey Ave., San Gabriel.

Gunther & Shirley Co., 714 W. Olympic Blvd., Los Angeles.

J. E. Haddock, Ld., 3538 E. Frothill Blvd., Pasadena.

Morrison-Knudsen Co., 810 Title Guarantee Bldg., Los Angeles.

Pacific Bridge Co., 333 Kearny St., San Francisco.

R. A. Watson Co., 5528 Vineland Ave., North Hollywood.

Western Dredging & Construction Co., 315 Park Central Bldg., Los Angeles.

Rhoades Bros. & Shofner, 3869 Medford St., Los Angeles.

W. E. Kier Construction Co., 1462 N. Stanley Ave., Los Angeles.

Peter Kiewit Sons Co., 650 S. Grand, Room 505, Los Angeles.

R. H. Flickinger, 5017 S. Cimarron Ave., Los Angeles.

N. Earl Roche, 1667 Rancho Ave., Glendale.

Hydraulic Dredging Co., Ltd., 1221 Central Bank Bldg., Oakland.

Macco Construction Co., 815 N. Paramount Blvd., Clearwater.

Clyde Wood, Inc., 6900 Tujunga Ave., P. O. Box 620, North Hollywood.

San Francisco Bridge Co., 503 Market St., San Francisco.

Bressi & Bevanda Construction Co., Inc., 417 S. Hill St., Room 764, Los Angeles.

Case Construction Co., P. O. Box 6, Berth 109, San Pedro.

Barnes & Delaney, 615 E. Willow St., Long Beach.

George Pollock Co., Forum Bldg., Sacramento.

Winston Bros. Co., 411 W. 5th St., Los Angeles.

Airport Extension Fill, Pavement, Related Construction, San Francisco Airport

BIDS: Public Utilities Commission, Room 287, City Hall; Contract No. 82; April 2, 3:00 P. M.

Guy F. Atkinson Co., Orange and Railroad Aves., South San Francisco.

Union Paving Co. ,212 Babcock Bldg., San Francisco.

San Francisco Bridge Co., 503 Market St., San Francisco.

Macco Construction Co., Freight and Ferry Sts., Oakland.

Piombo Bros. & Co., 1571 Turk St., San Francisco.

Olympian Dredging Co., 525 Market St., San Francisco.

Hubert H. Everist Sr., 604 Mission St., San Francisco.

Case Construction Co., Box 416, Alameda.

Ben C. Gerwick, Inc, 112 Market St., San Francisco.

Charles L. Harney, 625 Market St., San Francisco.

Pacific Bridge Co., 333 Kearny St., San Francisco.

Eaton & Smith, 715 Ocean Ave., San Francisco.

Western Dredging & Construction Co., 315 Park Central Bldg., Los Angeles.

Hydraulic Dredging Co., Ltd., 1221 Central Bank Bldg., Oakland.

Peter Kiewit Sons Co., 442 Post St., San Francisco.

George Pollock Co., Forum Bldg., Sacramento.

Granite Rock Co., Box 151, Watsonville.

Franks Dredging Co., 260 California St., San Francisco.

T. E. Connolly, 461 Market St., San Francisco.

Standard Dredging Corp., 800 Central Bldg., Los Angeles.

American Dredging Co., 1419 Broadway, Oakland.

Sanitary Trunk Line Sewers Santa Rosa, Calif.

BIDS: City of Santa Rosa, City Hall, Santa Rosa, April 2, 8 P. M. Plans by City Engineer Walter F. Adams, Santa Rosa.

John Pestana, 16411 E. 14th St., San Leandro.

Underground Construction Co., 75th Ave. and San Leandro Blvd., Oakland.

Freethy-Fogelberg Co., 1436 Kearney St., El Cerrito.

Guy F. Atkinson Co., Orange and Railroad Aves., South San Francisco.

Stolte, Inc., 8451 San Leandro St., Oakland.

Bechtel Bros. & McCone, 220 Bush St., San Francisco.

C. Dudley DeVelbiss Co., Eastshore Highway and Huntington Ave., Richmond.

Edward Green, 3001 Coolidge Ave., Los Angeles.

Wm. D. Rapp, 705 Bennett Ave., Santa Rosa.

Non-Responsibility

CONTRA COSTA COUNTY

Mar. 25, 1946—Parcel of land containing 1.106 acres in the Town of Alamo. Antonio and Marcella Ratto as to improvements on property.

OFFICIAL PROPOSAL

Restoration of Sites, Areas A and B

Sealed bids will be received by the Chicago Bridge and Iron Company, Post Office Box 1022, Eureka, California, until 11 A. M. Pacific Standard Time, Tuesday, April 9, 1946, at which time they will be opened and read in the presence of a representative of the U. S. Navy, Bureau of Yards and Docks, for the following contracts:

Restoration of Site—Area A.
Restoration of Site—Area B.

"Restoration of Site, Area A," is for the removal of and disposition of various waterfront and shipbuilding facilities including timber sheet-pile cofferdams, mooring dolphins, an outfitting dock, and various shipways and miscellaneous structures. Award will be made by lump sum contract.

"Restoration of Site, Area B," is for the removal of and disposition of various site facilities including twenty or more frame buildings, timber prefabrication slabs, fences and miscellaneous structures. Award will be made by lump sum contract.

Maps, specifications, proposal forms and proposed contract forms may be obtained at the Eureka office of the Chicago Bridge and Iron Company, foot of Washington Street, Eureka, California.

CHICAGO BRIDGE AND IRON COMPANY
by N. M. BURDICK,
Resident Manager.
(Daily Pacific Builder)
(Mar. 27-28-29, 1946)

EMPLOYMENT SERVICE

For further information regarding positions listed under this classification address Newton D. Cook, Manager, Engineering Societies' Personnel Service, 57 Post St., San Francisco.

STRUCTL. DESIGNER or draftsman. for misc. work. Sal. depends on ability. San Francisco. S-674.

ELEC. SUPT., exper. on diesel plant operation, general construction and maintenance (native language is Greek). Report single. 3 yr. contract. Salary $325-350 mo. Apply by letter. Foreign. S-651.

MARINE ENGR., 30-40 yrs. old and Chief's ticket, for sales work. Perm. Salary, expenses and bonus. San Francisco. S-679.

MECHL. DRAFTSMAN, not over 30, with some exper., for boilers and piping details. Perm. Salary open. San Francisco. S-668.

TOOL DESIGNER, exper. on forming dies and fixtures for light mfg. Perm. Salary open. San Francisco S-638.

MECHL. ENGR., exper. on heating and ventilating and steam power generation, for responsible charge. Sal. $600-$800 mo. San Francisco. S-666.

ENGINEER, with exper. as chief draftsman, for engrg. office. Salary $400-$450 mo. Structural exper. requirer. San Francisco. S-646

CONSTR. ESTIMATOR, exper. on preparation of bids for bldg. contractors. Sal. $600 Mo. San Francisco. S-524

Classified Advertising

HELP WANTED

LUMBER YARD FOREMAN and ASSISTANT MANAGER. Must be experienced. Ex-serviceman preferred. Good opportunity for advancement. Phone YUkon 1372. (to 4/4/46)

CONSTRUCTION SUPT. or FOREMAN for structural concrete jobs on highways, bridges and reservoirs. Man with crew preferred. State exp. and salary expected. Reply Box 325, c/o Daily Pacific Builder. to 3/29/46

Fully experienced FIRST CLASS DRAFTSMAN for substantial contemporary work. Mendelsohn, Dinwiddie & Hill, 233 Sansome St., San Francisco 4. (3/22-25-26-27-28/46)

POSITION WANTED

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